

Carnegie Mellon University

COMMENCEMENT **2025**

May 11



"THINK OF YOURSELF
AS ON THE THRESHOLD
OF UNPARALLELED
SUCCESS. A WHOLE,
CLEAR, GLORIOUS LIFE
LIES BEFORE YOU."

ANDREW CARNEGIE

FOUNDER, CARNEGIE MELLON UNIVERSITY

Welcome



Dear graduates, families and friends of the Carnegie Mellon Class of 2025:

Welcome to Carnegie Mellon University's 127th Commencement! Today, we celebrate our graduating students, who have spent their time on campus immersed in transformational experiences, including boundary-breaking education and research, outstanding displays of creativity and leadership, and meaningful community contributions and service.

Graduates: On behalf of all CMU leaders, faculty and staff — congratulations! Society will soon benefit from your knowledge, talent and skills. A future brimming with possibilities and promise is yours to realize. We cannot wait to see the difference that you will make in this world.

Family and friends: We recognize that many of you have traveled far — even crossing oceans — to celebrate our students and their achievements. It is no small feat to earn a degree from a rigorous institution like CMU, and today's graduating students would not have reached this milestone without your love, support and counsel over the years. Thank you for all that you have done to make today possible!

Carnegie Mellon's newest graduates will join a dynamic and proud alumni network that is more than 130,000 members strong. This vibrant Tartan community of scholars, innovators, creators and leaders is an invaluable and world-spanning resource, joined by a bond that never breaks. I encourage today's graduates to not only lean on this network, but to strengthen it by sharing the wisdom and skills acquired as you rise.

To the Class of 2025: you will always have a home at Carnegie Mellon and so today is not a goodbye, but the beginning of a new chapter in your lifelong relationship with CMU.

Once again, on behalf of our entire CMU community, congratulations!

A handwritten signature in black ink that reads "Farnam Jahanian". The signature is written in a cursive, flowing style.

Farnam Jahanian
President
Henry L. Hillman President's Chair
Carnegie Mellon University



Follow the conversation: #CMUgrad #TartanProud

Contents

2 Program

BEFORE THE CEREMONY

- 4 Procession / Seating Map
- 5 Marshals
- 6 Academic Symbols
- 7 University and College Honors

DURING THE CEREMONY

- 8 Speakers
- 11 Honorary Degree Recipients
- 13 Board of Trustees / University Leadership

COLLEGE DEGREE LISTINGS

- 14 College of Engineering
- 32 College of Fine Arts
- 37 Dietrich College of Humanities and Social Sciences
- 44 Heinz College of Information Systems and Public Policy
- 49 Mellon College of Science
- 54 School of Computer Science
- 66 Tepper School of Business
- 74 University-Wide, Intercollege and Joint-Degree Programs

SPECIAL RECOGNITIONS

- 80 Honor Society Inductees and ROTC Officer Commissioning
- 83 Years in Review

Program

Procession

Led by Carnegie Mellon
Pipes and Drums

Commencement Declaration

Dena Haritos Tsamitis

Barbara Lazarus Professor in Information
Networking and Director of the Information
Networking Institute, College of Engineering
Recipient of the 2025 Robert E. Doherty
Award for Sustained Excellence in Education

The National Anthem

Aliyah Quill (CFA 2025)

Invocation

Jennifer McCurry

Coordinator of Religious and Spiritual Life

Please be seated following the invocation.

Welcome

David A. Coulter (TPR 1971, 1971)
Chair, Board of Trustees,
Carnegie Mellon University
Special Limited Partner, Warburg
Pincus LLC

Remarks and Recognitions

Farnam Jahanian
President
Henry L. Hillman President's Chair

Welcome to New Alumni

Joanna D. Lovering (BHA 2004)
Alumni Association Board President
Founder, Copper + Rise

Student Speaker

Michael Acquaah-Harrison
(TPR 2025)

Conferral of Honorary Degrees

Farnam Jahanian

James H. Garrett Jr.
(ENG 1982, 1983, 1986)
Provost and Chief Academic Officer
Thomas Lord Professor of Civil and
Environmental Engineering

Candidates for Honorary Degrees

Edward Feigenbaum
(ENG 1956, TPR 1960)
Kumagai Professor of Computer Science
Emeritus, Stanford University
Doctor of Science and Technology

Deborah Kass (CFA 1974)
Artist
Doctor of Fine Arts

Sal Khan
Founder and CEO, Khan Academy
*Keynote Speaker and
Doctor of Humane Letters*

Lip-Bu Tan
CEO, Intel Corporation
Doctor of Science and Technology

Keynote Speaker

Sal Khan

President's Charge

Farnam Jahanian

Conferring of Degrees

Farnam Jahanian

James H. Garrett Jr.

William Sanders
Dr. William D. and Nancy W. Strecker
Dean, College of Engineering

Mary Ellen Poole
Stanley and Marcia Gumberg Dean,
College of Fine Arts

Richard Scheines
Bess Family Dean, Dietrich College of
Humanities and Social Sciences

Ramayya Krishnan
H.J. Heinz Dean, Heinz College of
Information Systems and Public Policy

Barbara Shinn-Cunningham
Glen de Vries Dean, Mellon College
of Science

Martial Hebert
Dean, School of Computer Science

Isabelle Bajeux-Besnainou
Dean, Tepper School of Business

Closing Remarks

Farnam Jahanian

Recession

Led by Carnegie Mellon
Pipes and Drums

Initial Interpretations

BHA Bachelor of Humanities and Arts
CFA College of Fine Arts
DC Dietrich College of Humanities
and Social Sciences
ENG College of Engineering
HNZ Heinz College of Information
Systems and Public Policy
MCS Mellon College of Science
SCS School of Computer Science
TPR Tepper School of Business



Follow the conversation: #CMUgrad #TartanProud

Procession

9:15 a.m. The procession starts. **ALL GUESTS MUST BE SEATED BY THIS TIME.**
Guests are not permitted on the track or in the aisles during the procession.

ORDER OF PROCESSION

- Candidates for Bachelor's, Master's and Doctor's Degrees (processing by college)
- Faculty
- Deans, University Leadership and Board of Trustees

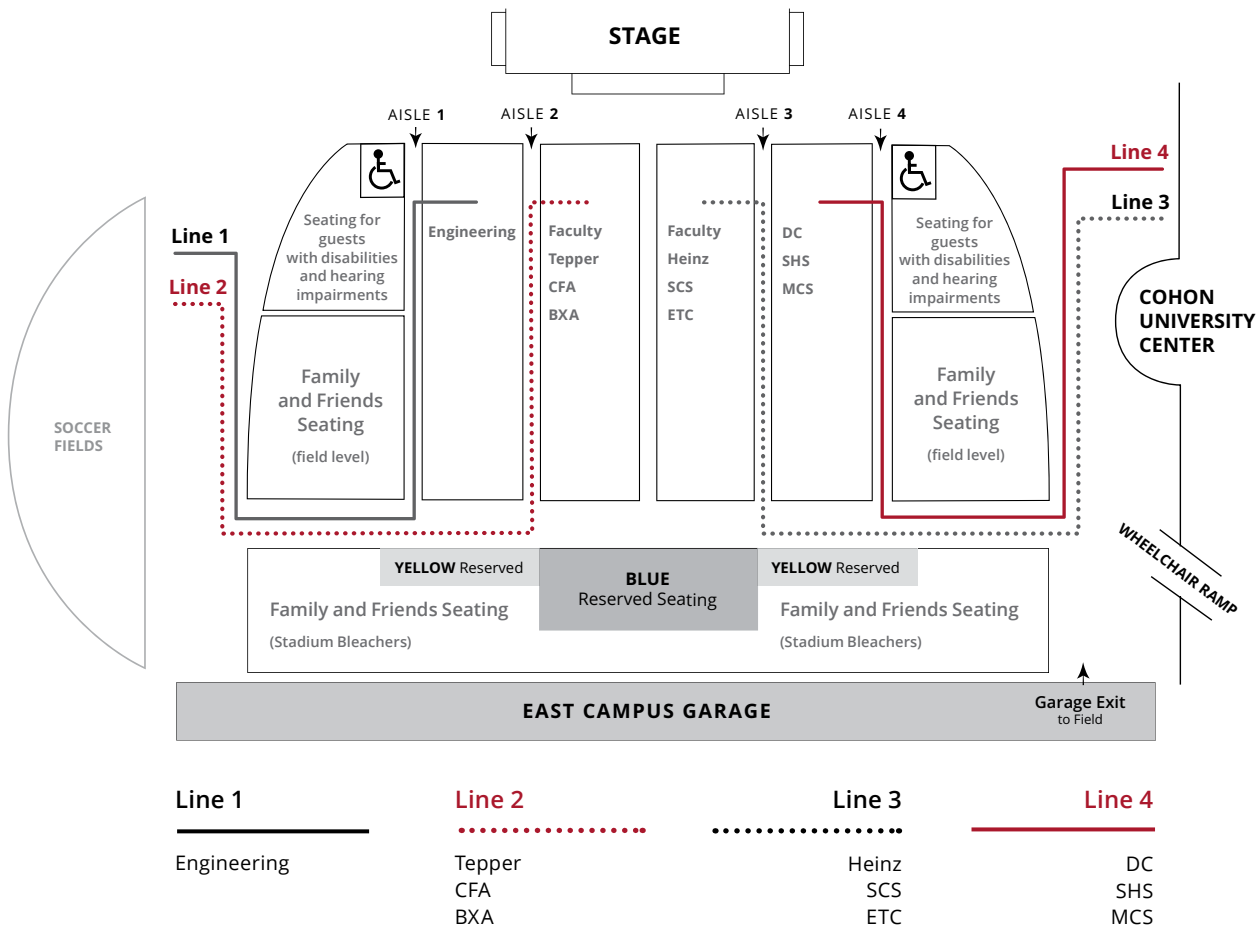
CANDIDATE SEATING

Candidates will be seated in the four center seating bays according to their college's section on the field. Family and friends seating is also available on the field. To identify where your graduate will be seated, please see the seating map below.

RECESSION

To ensure that all graduates and special guests may exit smoothly, please remain seated until those seated on the stage have left the field.

SEATING MAP



Restrooms are located in all campus buildings and under the bleachers in Gesling Stadium.

Marshals

Faculty Marshal

Dena Haritos Tsamitis

Barbara Lazarus Professor in Information Networking and Director of the Information Networking Institute, College of Engineering
Recipient of the 2025 Robert E. Doherty Award for Sustained Excellence in Education

Platform Group

David P. Bennett

Vice President for University Advancement

Gina Casalegno

Vice President for Student Affairs and Dean of Students

Faculty

Jonathan Minden

Professor of Biological Sciences

College of Engineering

Alaine M. Allen

Associate Dean for Community Engagement and Outreach, Distinguished Service Professor, Engineering and Public Policy

Patjanaporn Chalacheva

Assistant Teaching Professor, Biomedical Engineering

Nestor Gomez

Assistant Teaching Professor, Mechanical Engineering

Deanna Hart Matthews

Teaching Professor, Associate Department Head for Undergraduate Affairs, Engineering and Public Policy

Conrad Zapanta

Associate Dean for Undergraduate Studies, Teaching Professor, Biomedical Engineering

College of Fine Arts

Carla LaRocca

Associate Teaching Professor, Keyboard Studies, School of Music

TJ Young

Associate Professor of Dramaturgy

Dietrich College of Humanities and Social Sciences

Sharon M. Carver

Associate Dean for Educational Affairs

Joseph E. Devine

Associate Dean for Undergraduate Studies

Joel B. Greenhouse

Professor of Statistics, Statistics and Data Science

Kelli Lammie Maxwell

Associate Dean for Student Success

Gordon Weinberg

Instructor, Statistics and Data Science

Danielle Z. Wetzel

Teaching Professor, English

Heinz College of Information Systems and Public Policy

Marie Farrell Coleman

Executive Director, Heinz College Washington DC

Allison Frankoski

Director, MSIT Program

Mellon College of Science

Maggie Braun

Associate Dean for Undergraduate Affairs

Manfred Paulini

Professor of Physics, Associate Dean for Research

Dejan Slepčev

Professor, Associate Dean for Faculty and Graduate Affairs, Associate Department Head

School of Computer Science

Thomas J. Cortina

Associate Dean for Undergraduate Programs

David Garlan

Professor and Associate Dean for Master's Programs

Reid Simmons

Research Professor

Tepper School of Business

C. Tad Brinkerhoff

Assistant Dean, Masters Programs

Jennifer Wegner

Assistant Dean, Undergraduate Programs

BXA Intercollege Degree Programs

M. Stephanie Murray

Senior Associate Dean, Interdisciplinary Initiatives



Academic Symbols

THE CARNEGIE MACE

In the British tradition, a procession for a ceremony such as this commencement may be led by an official bearing a mace or staff, or supervised by a marshal carrying a baton or other badge of office. Carnegie Mellon has provided the faculty marshal (officially responsible for the entire ceremony) with a silver mace. The Carnegie mace is surmounted with a thistle, a flowering plant, symbolic of Andrew Carnegie's Scottish origin.

REGALIA

Other components of this ceremony include the regalia of the participating faculty and students — a colorful relic of medieval scholastic tradition. During the Middle Ages, education was a function of religious organizations. The long gown evolved from the monk's habit, and the hood from the cowl that monks wore on their heads.

The hoods are decorated with colored velvet bands indicating the disciplines in which they earned their degree. Carnegie Mellon hoods are dressed with the Carnegie family tartan in blue, red, green and yellow, created at Andrew Carnegie's request and manufactured in Scotland.

Candidates for the master's degree wear a velvet band of the color representing their particular academic discipline on their hoods. The colors representing the academic disciplines for the master's degrees awarded by Carnegie Mellon are as follows:

College of Engineering | *Orange*

College of Fine Arts | *Dark Brown*

Music | *Pink*

Dietrich College of Humanities and Social Sciences | *White*

Statistics and Data Science | *Golden Yellow*

Master of Information Technology Strategy
| *Golden Yellow*

Heinz College of Information Systems and Public Policy:

Information Systems | *Lemon*

Public Policy | *Peacock Blue*

Mellon College of Science | *Golden Yellow*

School of Computer Science | *Golden Yellow*

Tepper School of Business | *Drab Brown*

Economics | *Copper*

University-Wide, Intercollege and Joint-Degree Programs
| *Various Colors*

The colors representing the academic disciplines for the doctor's degrees awarded by Carnegie Mellon are as follows:

Doctor of Arts | *White*

Doctor of Design | *Brown*

Doctor of Philosophy | *Dark Blue*

Doctor of Professional Practice | *Brown*

MORTARBOARD AND TASSEL

Some legends say the mortarboard developed from the skull caps worn by churchmen officiating at religious services; others say the cap resembles a scholar's book and came from Oxford University.

The tassel, worn on the square of the mortarboard, developed from the 15th century when caps and hats came into fashion. One style of hat bore a tuft in the center, which evolved into the tassel. Students receiving a bachelor's degree have a red tassel, master's degree candidates have a black tassel and those receiving a doctor's degree have a gold tassel. The tassels hold an emblem stating the year of graduation.

THE PRESIDENT'S MEDALLION AND CHAIN

In holding with ceremonial tradition, the president will wear the chain of office and medallion. These brass pieces have been designed to be passed down from president to president, bridging our past and present to our promising future.

A medallion bearing the university seal anchors the 36-inch ornamental chain. Adorning the piece are four medals, two engraved with the thistle and two featuring images of our founders Andrew Carnegie and Andrew Mellon.

The links of the chain are interwoven with 12 curved banners engraved with the names of each of the colleges and schools within the university, the University Libraries and Carnegie Mellon's campus locations around the world. This symbol of our interconnected community meets at the "president's banner." Marked by a decorative accent, this banner sits above the medallion and features Carnegie's famous motto, "My heart is in the work."

University and College Honors

Bachelor's candidates who have achieved exemplary academic success receive university and/or college honors. Below is a description of the criteria for the honors. Students may achieve university and/or college honors by their seventh or eighth semester. Because of printing deadlines, only those who have achieved honors as of their seventh semester are listed in this program.

- ◆ **University Honors** are given to undergraduates on the basis of a 3.5 or higher quality point average (QPA). These students are identified by a medallion worn as part of their academic regalia.
- ◇ **College Honors** are awarded individually by each college. These students are identified by a cord worn as part of their academic regalia. The criteria for each college are outlined below.
- ◆ **University and College Honors**

BXA INTERCOLLEGE DEGREE PROGRAMS

Bachelor of Computer Science and Arts (BCSA), Bachelor of Engineering Studies and Arts (BESA), Bachelor of Humanities and Arts (BHA), Bachelor of Science and Arts (BSA), and Engineering and Arts (EA) additional major students who successfully complete a BXA Capstone Project under the guidance of a faculty member, present their research results and earn an overall QPA of 3.25 or higher will receive BCSA Intercollege Honors, BESA Intercollege Honors, BHA Intercollege Honors, BSA Intercollege Honors or EA Intercollege Honors.

The BCSA honors cord colors are tiffany gold and dark brown. The BESA and EA honors cord colors are orange and dark brown. The BHA honors cord colors are purple and dark brown. The BSA honors cord colors are gold and dark brown.

COLLEGE OF ENGINEERING

The College of Engineering College Honors recipients complete at least 18 units of advanced level research during their senior year under the guidance of a Carnegie Mellon faculty

member, and present their work at the annual university-wide research symposium, Meeting of the Minds.

The Engineering honors cord color is orange.

COLLEGE OF FINE ARTS

The College of Fine Arts (CFA) issues College Honors based on the following school criteria:

Architecture – students who have a cumulative QPA of 3.3 or higher.

Art – students who have won a School of Art award or whom faculty select based on overall academic and artistic excellence.

Design – students who have won a School of Design award.

Drama – students who have a cumulative QPA of 3.3 or higher. The faculty may also select additional students based on overall academic and artistic excellence, school citizenship, innovative thinking and/or entrepreneurship.

Music – students who have a cumulative QPA of 3.3 or higher, and *either* have won a School of Music award *or* have been awarded College Honors by the School of Music Division Heads Committee.

CFA Student-Defined Majors – students may receive College Honors if they have a cumulative QPA of 3.3 and have also completed one of the following: 1) senior project, 2) internship, 3) independent study where work is used, cited or has a direct impact on the university or society at large.

The CFA honors cord color is dark brown.

DIETRICH COLLEGE OF HUMANITIES AND SOCIAL SCIENCES

Students who complete a Dietrich College of Humanities and Social Sciences (DC) senior honors thesis under the auspices of the Dietrich College Senior Honors Program receive Dietrich College Honors.

The DC honors cord color is purple.

MELLON COLLEGE OF SCIENCE

Mellon College of Science (MCS) students are awarded MCS College Honors if they maintain a QPA of 3.2 or higher, demonstrate quality undergraduate research and either publish or present their research at a scientific meeting.

The MCS honors cord color is gold.

SCHOOL OF COMPUTER SCIENCE

The School of Computer Science (SCS) students receiving SCS College Honors have completed a senior research thesis under the guidance of a faculty member. The students present their research progress at the SCS Fall Research Poster Presentation and their final results to an audience of faculty, researchers and students at the SCS Senior Thesis Presentations, as part of the university-wide Meeting of the Minds research symposium at the end of the Spring semester.

The SCS honors cord color is Tiffany gold.

SCIENCE AND HUMANITIES SCHOLARS

Science and Humanities Scholars (SHS) students may receive either MCS or DC Honors.

TEPPER SCHOOL OF BUSINESS

Tepper School of Business (TPR) students earn college honors by successfully completing a year-long senior research thesis under the guidance of a faculty advisor. Students present their research results at the annual Meeting of the Minds Undergraduate Research Symposium.

The TPR honors cord color is drab brown.



Speakers



PRESIDENT

FARNAM JAHANIAN

Henry L. Hillman President's Chair

Farnam Jahanian is the 10th president of Carnegie Mellon University and the Henry L. Hillman President's Chair. He is also a nationally recognized computer scientist, entrepreneur and public servant who leads important conversations about evolving higher education to better adapt to the future of work and expand the footprint of U.S. innovation.

As president of CMU, Jahanian has advanced a number of key priorities. The university has strengthened its stature as a global leader in emerging technologies and scientific collaboration, drawing in over \$600 million in research funding annually and hosting a growing roster of center-scale research efforts. Jahanian has also overseen an ambitious transformation of campus — with nearly \$1 billion in infrastructure investments planned by 2027 in support of the university's educational and research missions — and he has expanded the university's investment in financial aid, increasing support by an unprecedented 86% over the last decade.

Jahanian previously served as CMU's provost and chief academic officer and vice president for research. Prior to this, he led the NSF Directorate for the Computer and Information Science and Engineering and co-chaired the Networking and Information Technology Research and Development Subcommittee of the National Science and Technology Council Committee on Technology. He also served on faculty at the University of Michigan, where he held the Edward S. Davidson Collegiate Professorship in the College of Engineering, chaired the Computer Science and Engineering department, and directed the Software Systems Laboratory.

Today, Jahanian is active with the World Economic Forum and on the board of directors for a number of organizations, including the Alfred P. Sloan Foundation and Highmark Health. He holds a master's degree and a Ph.D. in Computer Science from UT Austin and is a Fellow of the Association for Computing Machinery, the Institute of Electrical and Electronic Engineers and the American Association for the Advancement of Science.



PROVOST AND CHIEF ACADEMIC OFFICER

JAMES H. GARRETT JR. (ENG 1982, 1983, 1986)

Thomas Lord Professor of Civil and Environmental Engineering

James H. Garrett Jr. was named provost and chief academic officer of Carnegie Mellon University in January 2019 and was appointed for a second term in January 2024. A member of the faculty since 1990, Garrett became dean of Carnegie Mellon University's College of Engineering in 2013. Immediately prior to that, he spent six years as head of the Department of Civil and Environmental Engineering.

As the university's chief academic officer, Garrett is responsible for leading CMU's schools, colleges, institutes and campuses and is instrumental in institutional and academic planning and implementation. In this role, he partners with leaders across the university to expand access and affordability efforts to meet the full financial needs of our student body. He has a strong focus on student success and experience — ensuring students have the tools and opportunities they need to thrive at CMU and beyond. As provost, Garrett continues to make investments in supporting the holistic graduate student experience, recruiting and retaining world class faculty, and promoting equitable access to a CMU education via the launch of initiatives such as the Tartan Scholars program, the Rales Fellows program and the Student Academic Success Center.

Garrett is Carnegie Mellon plaid through and through, having received his bachelor's (1982), master's (1983) and doctoral (1986) degrees in Civil and Environmental Engineering from the institution. He joined the faculty of the college as an assistant professor in 1990 and was promoted to full professor in 1996. Garrett served in other administrative roles including associate dean for Graduate and Faculty Affairs (2000–2006) and acting dean (2004), as well as faculty co-director of the Smart Infrastructure Institute, a research center aimed at developing sensing technology for construction and infrastructure systems. Garrett's wife, Ruth Ann, and their two children are all alumni of CMU.

Among his many recognitions and awards, Garrett was elected as a fellow of the American Association for the Advancement of Science in 2016, awarded the title of Distinguished Member of the American Society of Civil Engineers in 2018, and elected to the National Academy of Construction in 2020.



**CHAIR,
BOARD OF TRUSTEES**

**DAVID A. COULTER
(TPR 1971, 1971)**

Special Limited Partner,
Warburg Pincus LLC

David A. Coulter served as vice chairman, managing director and senior advisor at Warburg Pincus LLC, focusing on the firm's financial services practice from 2005–2014. He continues to serve as a special limited partner to Warburg Pincus.

Coulter retired in September 2005 as vice chairman of J.P. Morgan & Chase Co. He previously served as executive chairman of its investment bank, asset and wealth management, and private equity business. Coulter was a member of the firm's three person Office of the Chairman and also its Executive Committee.

Coulter came to J.P. Morgan Chase via its July 2000 acquisition of The Beacon Group, a small merchant banking operation. Before joining The Beacon Group, Coulter was the chairman and chief executive officer of the BankAmerica Corporation and Bank of America NT & SA. His career at Bank of America was from 1976 to 1998 and covered a wide range of banking activities. He was also an active member of the Federal Reserve Advisory Council and the International Monetary Conference.

He served on the board of Aeolus Re, MBIA, Mastercard International, Webster Bank, Sterling Financial, the Strayer Corporation, Santander Asset Management and Triton International. He currently is on the board of Varo Money, Inc., ModivCare and Innovu. He also serves on the boards of Lincoln Center, Asia Society of Northern California and the American Prairie Reserve.

He received both his B.S. and his M.S. from Carnegie Mellon University and currently serves as a trustee for Carnegie Mellon.



**ALUMNI ASSOCIATION
BOARD PRESIDENT**

**JOANNA D. LOVERING
(BHA 2004)**

Founder, Copper + Rise

Joanna Lovering is a leadership and presence consultant who helps companies engage, develop and retain their pipeline of women leaders. She believes that when companies invest in and promote women, they strengthen their teams, drive innovation and achieve meaningful business impact. Her expertise is implementing and facilitating programs that teach women the leadership skills that other people think are "unteachable," like presence, confidence and self-advocacy.

Lovering holds a BHA in drama and psychology from Carnegie Mellon University and an M.A. in social-organizational psychology from Columbia University. With 15 years of leadership development experience at companies including JetBlue, lululemon, L'Oréal USA, Tiffany & Co., Red Bull North America and Daily Burn, she has worked extensively in both corporate and startup settings, leading teams as large as 85. She's proud to be a champion for women leaders and to partner with companies from all sectors who believe in the necessity of female leadership as passionately as she does.

Lovering's writing and insights on leadership, presence and style have been featured in The Wall Street Journal, People.com, Real Simple, Fast Company, HerMoney, HuffPost, The Muse, Glassdoor, Fairygodboss, The Ladders and more.

While a student at Carnegie Mellon, Lovering received a Senior Leadership Recognition Award for her leadership roles within student life as a resident assistant and community assistant within on-campus housing. She was also initiated into both the Phi Beta Kappa and Psi Chi honor societies. She studied abroad in Rome, Italy, competed in both Booth and Buggy for Fringe, and fronted a rock & pop cover band, Idiot Boyfriend — a name that never fails to get a chuckle.

From 2024 to 2026, Lovering is honored to serve as the president of the Carnegie Mellon Alumni Association Board (AAB) and as a trustee on the university's Board of Trustees.

She lives in New York City with her adorable poodle, Luna.



Follow the conversation: #CMUgrad #TartanProud

Speakers



KEYNOTE SPEAKER AND HONORARY DEGREE RECIPIENT

SAL KHAN

Founder and CEO, Khan Academy
Doctor of Humane Letters

Sal Khan is the founder and CEO of Khan Academy, a nonprofit with a bold mission: to provide a free, world-class education for anyone, anywhere. He started by tutoring his cousins remotely as a hobby.

Over the past two decades, his efforts have grown into a global learning platform used by more than 180 million registered users in more than 190 countries. Khan Academy offers free interactive exercises, instructional videos and teacher tools across subjects like math, science, writing and SAT prep. The nonprofit is also pioneering AI in education with Khanmigo, an AI tool designed to serve as both a tutor and a teaching assistant. In the United States, Khan Academy partners with more than 450 school districts.

In addition to Khan Academy, Khan also founded three additional educational nonprofits:

- Khan Lab School, an experimental school in California based on the ideas in his book, "The One World Schoolhouse."
- Schoolhouse.world, which connects students for free, live peer-to-peer tutoring.
- Khan World School, an online school for grades six through 12 that brings together students from around the globe.

Khan has been recognized as one of Time magazine's 100 Most Influential People and featured on 60 Minutes, CNN, The New York Times, The Washington Post, Fox Business and Education Week. In addition to "The One World Schoolhouse," he is the author of "Brave New Words," which explores the role of AI in learning and society.

Khan lives in Mountain View, California, with his wife and three children. He holds three degrees from MIT in math, electrical engineering and computer science, plus an MBA from Harvard Business School.



STUDENT SPEAKER

MICHAEL ACQUAAH-HARRISON (TPR 2025)

Michael Acquaah-Harrison is a senior majoring in business administration with a concentration in finance and a minor in innovation and entrepreneurship. He was recently named one of the Top 100 Best & Brightest Undergraduate Business Students in the nation by Poets&Quants.

At CMU, he has been a four-year student athlete on the men's varsity basketball team, a resident assistant and a leader in several business organizations within the Tepper School of Business, including the Investment Banking Academy, Alpha Kappa Psi and Scottie Ventures, where he served as vice president of mentorship. He has also participated in Carnival traditions, earning first place in the 2023 Buggy competition with the PiKA racing team.

Acquaah-Harrison has completed internships in investment banking at J.P. Morgan and Morgan Stanley, and will be returning to Morgan Stanley full time in the technology investment banking group following graduation.

Honorary Degree Recipients



EDWARD FEIGENBAUM
(ENG 1956, TPR 1960)

Kumagai Professor of Computer
Science Emeritus, Stanford
University

Doctor of Science and Technology

Edward Feigenbaum is an interdisciplinary computer scientist who pioneered Expert Systems and the knowledge-based approaches to artificial intelligence. He completed his undergraduate degree and doctorate at Carnegie Mellon University.

Mentored by Nobel laureate Herbert Simon, Feigenbaum developed Elementary Perceiver and Memorizer (EPAM), one of the first computer models of human learning, in his thesis.

At Stanford University, he founded the Heuristic Programming Project and Knowledge Systems Laboratory, directed Stanford's Computation Center and chaired its Computer Science Department.

For his research, he received the 1994 ACM Turing Award, often regarded as the most prestigious award in Computer Science. The citation read, "For pioneering the design and construction of large-scale artificial intelligence systems, demonstrating the practical importance and potential commercial impact of artificial intelligence technology."

He has been elected to both the National Academy of Engineering and the American Academy of Arts and Sciences. The biennial Feigenbaum Prize, established in his honor by the International Conference on Expert Systems, is now awarded by the Association for the Advancement of Artificial Intelligence (AAAI).

In 1994-1997, he served at the Pentagon as chief scientist of the Air Force and received the U.S. Air Force Exceptional Civilian Service Award.

He was co-founder of three Silicon Valley startups in the 1980s and also served as a board member of the Sperry Corporation.

He wrote or edited several important books about artificial intelligence and computer technology, including "Computers and Thought," "The Handbook of Artificial Intelligence" and "The Fifth Generation."

He served for four years as a member of the board of trustees of the National Library of Medicine. He also served for 12 years as a member of the board of trustees of the prestigious Computer History Museum in Mountain View, California.



DEBORAH KASS
(CFA 1974)

Artist

Doctor of Fine Arts

Deborah Kass is an artist whose work examines the intersection of art history, popular culture and the self.

Kass' work is in the permanent collections of The Metropolitan Museum of Art, MoMA, Whitney Museum of Art, Guggenheim Museum, Jewish Museum, Museum of Fine Art, Boston, National Portrait Gallery, Smithsonian Institute, Fogg/Harvard Museum, The Dallas Museum of Art, as well as numerous other museums and private collections. It has been shown nationally and internationally, including at the Venice Biennale, the Istanbul Biennale and the Museum Ludwig, Cologne.

Kass' beloved monumental sculpture OY/YO is permanently installed in front of the Brooklyn Museum, the Cantor Arts Center at Stanford University and the Weitzman Museum of American Jewish History in Philadelphia.

The Andy Warhol Museum presented "Deborah Kass, Before and Happily Ever After, A Mid-Career Retrospective" in 2012 with a catalogue published by Rizzoli with essays by Griselda Pollock, Irving Sandler, Robert Storr and John Waters, among others. Linda Nochlin, Robert Rosenblum and Maurice Berger have written extensively on her work.

In 2024, Kass was honored by the Albert Einstein Montefiore Women's Committee Trail Blazer award. In 2021, she received the Alumni Achievement Award from Carnegie Mellon University. In 2018, she was inducted into The National Academy and was named the cultural honoree at The Jewish Museum in 2017. She was honored in 2016 with the Passionate Artist Award by the Neuberger Museum of Art, and in 2014, she was inducted into the New York Foundation for the Arts Hall of Fame.

She has served on the boards of the Sharpe Walentas Studio Program and the Andy Warhol Foundation.



Follow the conversation: #CMUgrad #TartanProud

Honorary Degree Recipients



LIP-BU TAN

CEO, Intel Corporation

Doctor of Science and Technology

Lip-Bu Tan is founder and chairman of Walden International and founding managing partner of Celesta Capital and Walden Catalyst Ventures, managing more than \$5 billion. He concurrently serves as the CEO of Intel Corporation, where he was a member of the board from June 2021 to August 2024. Previously, he was CEO and executive chairman of Cadence Design Systems Inc. Tan is on the board of Intel Corp., Schneider Electric and Credo Semiconductor.

With more than 35 years of venture capital experience, Tan focuses on semiconductor, cloud infrastructure, data management, security and AI. His notable investments include Aquantia Corp., Ambarella, Astera Labs, Annapurna Labs (acquired by Amazon), Credo Semiconductor, Inphi, Databricks, Perplexity and Together.ai.

Tan received a bachelor's degree from Nanyang University in Singapore, a master's in nuclear engineering from MIT and an MBA from the University of San Francisco. He also received an honorary Doctor of Humane Letters from the University of San Francisco.

He currently serves on the board of trustees of Carnegie Mellon University, the School of Engineering Dean's Advisory Council of MIT, the College of Engineering Advisory Board of UC Berkeley and the Executive Council of UC San Francisco, and is a member of The Business Council.

Tan has been named one of the Top 10 Venture Capitalists in China by Zero2IPO and one of the Top 50 Venture Capitalists on the Forbes Midas List. He received imec's 2023 Lifetime of Innovation Award, the Semiconductor Industry Association 2022 Robert N. Noyce Award and Global Semiconductor Alliance's 2016 Dr. Morris Chang's Exemplary Leadership Award. In 2017, he was ranked the most well-connected executive in the technology industry by Relationship Science. He is also an elder of First Presbyterian Church of Berkeley.

Board of Trustees

David A. Coulter[†]
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Lane M. Bess[†]

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Russell Crockett[†]

Jeanne Cunicelli[†]

Ted Decker[†]

Shrinivas V. Dempo[†]

Francisco D'Souza[†]

Howard L. Ellin[†]

Charles Evans[†]

Edward H. Frank[†]

Yoshiaki Fujimori[†]

Ed Gainey

Eric Giler[†]

Ajei Gopal

Edward J. Grefenstette[†]

Thomas Healy[†]

Farnam Jahanian

Larry E. Jennings Jr.[†]

Katherine Kohatsu[†]

Shalini Ray Lageman[†]

Daniel Lavelle

Joanna D. Lovering[†]

J. Michael McQuade[†]

Brian Olsavsky[†]

KristieAnne Reed[†]

Sam Reiman

Jewell Parker Rhodes[†]

Manoj Pratap Singh[†]

Luke Skurman[†]

Lip-Bu Tan

Lowell Taylor

David A. Tepper[†]

Thomas Tull

Tamara Tunie[†]

EMERITUS TRUSTEES

John R. Bertucci[†]

Carol R. Brown

Robert M. Brown III[†]

Eric Cooper

Erroll B. Davis Jr.[†]

W. Logan Dickerson[†]

Philip L. Dowd[†]

Dina Dublon[†]

William B. Ellis[†]

Cynthia Friedman

Claire W. Gargalli

Richard D. Hamilton[†]

Teresa Heinz

T. Jerome Holleran[†]

W. Lee Hoskins

Torrence M. Hunt Jr.

Tod S. Johnson[†]

Patricia Askwith Kenner[†]

David M. Kirr[†]

Raymond J. Lane

Edward E. Lucente[†]

Thomas A. McConomy[†]

Jack E. McGrath[†]

Regina Gouger Miller[†]

Alessandro Ovi

E. Kears Pollock[†]

David L. Porges

Charles J. Queenan Jr.

James E. Rohr

Joyce B. Scott[†]

David S. Shapira

Ajit Shetty[†]

J. Lea Hillman Simonds

Raymond W. Smith[†]

Donald E. Stitzenberg[†]

Mary Ann Ulishney[†]

Paula Kauffman Wagner[†]

University Leadership

SENIOR ADMINISTRATION

Farnam Jahanian

President

Henry L. Hillman President's
Chair

James H. Garrett Jr.[†]

Provost and Chief
Academic Officer
Thomas Lord Professor of
Civil and Environmental
Engineering

David P. Bennett

Vice President for University
Advancement

Angela Blanton[†]

Vice President for Finance and
Chief Financial Officer

Gina Casalegno

Vice President for Student
Affairs and Dean of Students

Becky Culyba

Vice Provost for Strategic
Initiatives and Chief of Staff to
the Provost

Mary Jo Dively

Vice President and General
Counsel and Secretary of the
Corporation

Tysen Kendig

Vice President for University
Communications and
Marketing

Charles A. Kennedy

Chief Investment Officer

Theresa Mayer

Vice President for Research

Tricia O'Reilly

Chief of Staff to the President

Stan Waddell

Vice President for Information
Technology and Chief
Information Officer

Daryl Weinert

Vice President for Operations

DEANS

Isabelle Bajoux-Besnainou

Dean, Tepper School of
Business

Gina Casalegno

Dean of Students and Vice
President for Student Affairs

Keith Gehres

Interim Dean of Admission,
Vice Provost for Enrollment

Martial Hebert

Dean, School of Computer
Science

Ramayya Krishnan

H.J. Heinz Dean, Heinz College
of Information Systems and
Public Policy

Mary Ellen Poole

Stanley and Marcia Gumberg
Dean, College of Fine Arts

William H. Sanders

Dr. William D. and Nancy
W. Strecker Dean, College of
Engineering

Richard Scheines

Bess Family Dean, Dietrich
College of Humanities and
Social Sciences

Barbara Shinn-Cunningham

Glen de Vries Dean, Mellon
College of Science

Michael A. Trick

Dean, Carnegie Mellon
University Qatar

Keith Webster

Helen and Henry Posner, Jr.
Dean of the University Libraries
Director of Emerging and
Integrative Media Initiatives



College of Engineering

DEAN OF THE COLLEGE

William H. Sanders

BIOMEDICAL ENGINEERING

Keith Cook, Head of the Department

CHEMICAL ENGINEERING

Carl Laird, Head of the Department

CIVIL AND ENVIRONMENTAL ENGINEERING

Burcu Akinci, Head of the Department

ELECTRICAL AND COMPUTER ENGINEERING

Lawrence Pileggi, Head of the Department

ENERGY SCIENCE, TECHNOLOGY AND POLICY

Paul A. Salvador, Director of the Program

ENGINEERING AND PUBLIC POLICY

Peter Adams, Head of the Department

ENGINEERING AND TECHNOLOGY INNOVATION MANAGEMENT

Phillip Yu, Executive Director of the Program

INFORMATION NETWORKING INSTITUTE

Dena Haritos Tsamitis, Director of the Institute

MATERIALS SCIENCE AND ENGINEERING

Elizabeth C. Dickey, Head of the Department

MECHANICAL ENGINEERING

Jonathan Cagan, Head of the Department

CARNEGIE MELLON UNIVERSITY IN AFRICA

Conrad Tucker, Director of CMU-Africa and
Associate Dean for International Affairs-Africa

CARNEGIE MELLON UNIVERSITY IN SILICON VALLEY

Steven Rosenberg, Senior Director of Operations

STUDENT-DEFINED MAJORS

Conrad Zapanta, Associate Dean of Undergraduate Studies

BIOMEDICAL ENGINEERING

BACHELOR OF SCIENCE

The department offers an additional major B.S. degree with each of the five traditional engineering departments. Accordingly, our students are listed within their traditional departments.

MASTER OF SCIENCE

Artificial Intelligence Engineering - Biomedical Engineering

Asfandiyar Azhar **
Dongze Fan **
Heng Li **
Yingxin Liu **
Amulya Mathur **
Mahavir Prasad **
Kairan Qin **
Mingjian Shi **
Jiawen Tang **
Liangyu Wang **

Biomedical Engineering

Jeffrey Chan
Madeline Cate Davis
Devina Jain
Jennifer Lee **
Erin Rose Malasig Magid
Theo Mulligan Mohideen
Ola A. Owodunni
Zoe Phares **

Alexander Serg Potchernikov
Dinesh Kumar Sangadi
Avani Shukla **
Mohammadreza Tajik *
Alyssa Thomas
Kendra Wen-Li Wong
Timothy Chun-Hsiu Yang

Biomedical Engineering - Applied Study

Meredith Hannah Ackley **
Moneer Alkumairy **
Nawaf Mohammed Mutlaq
Aldawsari **
Ramya Ashish **
Alexander Edward Barr **
Yijie He **
Zixian He **
Melody Ting-Chieh Hsu **
Chenyuan Ji **
Jingci Jiang **
Eunhae Jo **
Ting-Yu Lai **
Guo-Hao Lee **
Yao Lin
Yanliang Liu **
Sanika Sandeep More **
Caitlynn Owens *
Numa Irfan Shaikh **
Kaiwen Shi **
Khushi Soni **
Vaaruni Suresh

Fuming Yang
Jingtao Zhang **

Biomedical Engineering - Research

Zihuan Bai
Eli Barbour
Poonnapa Chaichudchaval
Jiaqi Chen
Jiahui Dai
Elsa Victoria Discua Santos
Yuxuan Gu
Qingyang Li
Qiran Li
Zherui Li
Junhao Lin
Madhumitha Manjunath **
Yu Mao
Srinidhi Anuradha Narayanan
Sonali Ashvin Patel
Titus Priscu
Adarsh Raj Mohan **
James Emilian Uvan Joseph
Antony **
Justin T. Whitfield
Wentao Yang
Xuanshuo Zhang **

Computational Biomedical Engineering

Nihar H. Trivedi

Computational Biomedical Engineering - Applied Study

Uma Sharma **

Zeyu Zhang **

Computational Biomedical Engineering - Research

Shreya Kiran

Matteo Sanchez-Dahl Gonzalez

Thomas Steven Schoenherr

Qingtang Zeng

DOCTOR OF PHILOSOPHY

Christopher Haven Aldrich

Heat-Induced Fate Determination of Single E.coli Bacterium

Advisor(s): Fangwei Si

Anne Behre **

FRESH 3D Bioprinting of Extracellular Matrix-Based Scaffolds for Volumetric Muscle Loss

Advisor(s): Adam Feinberg

Jaewon Choi

A Lung Alveoli-on-a-chip with Highly Porous Membranes for Modeling Pulmonary Toxicity of Nanoscale Coal Dust

Advisor(s): Siyang Zheng

Caner Dikyol

Light-Pipe FRESH 3D Bioprinting for Engineering Spatial Heterogeneity in Tissue Constructs

Advisor(s): Adam Feinberg

Dylan Forenzo

Advancing EEG-Based Brain-Computer Interfaces with Real-Time Deep Learning Based Decoding

Advisor(s): Bin He

Elizabeth Johnston

From Fatty to Functional: Developing Defatting Strategies to Enhance Steatotic Liver Transplant Outcomes

Advisor(s): Ros Abbott

Nicholas Kyle Lee

Sacrificial Electrospun Dipeptide Nanofibers Embedded in 3D Printed Polyacrylamide for Encapsulated Cell Therapies

Advisor(s): Yu-li Wang

Samuel Patrick Moss

Engineering Structured Cardiac Organoids with FRESH 3D Bioprinting

Advisor(s): Adam Feinberg

Jingyi Wu

Towards Transabdominal Fetal Pulse Oximetry: Computational Modeling and Algorithm Development

Advisor(s): Jana Kainerstorfer

Shiyuan Zheng *

Innovative Platforms for Macrophage Behavior: Establishment of Stable Macrophage Reporter and Macrophage Incorporated-Lung Airway Organoid

Advisor(s): Elizabeth Wayne

CHEMICAL ENGINEERING

BACHELOR OF SCIENCE

Chemical Engineering

◆ Honora Elle Armfield
Minor: Business Administration

Leah Danielle Artis
Additional Major: Biomedical Engineering

◆ Mary Julliette Angelique Billings
Additional Major: Biomedical Engineering

◆ Teddi D. Bishop
Additional Major: Biomedical Engineering

◆ Konstantinos Theodore Bogiantzis
Additional Major: Biomedical Engineering

◆ Alessia Bonacini
Additional Major: Biomedical Engineering
Minor: Business Administration

Harry David Brown
Additional Major: Biomedical Engineering

◆ Bilal Hamid Chaudhry
Additional Major: Engineering

◆ Alicia Hao Shan Chua
Additional Major: Biomedical Engineering

◆ Ethan Xavier Cooper

◆ Yuvan A. Das
Minor: Computer Science

◆ Eleanor Shashi David
Additional Major: Engineering and Music

Athan Phillip Diniaco
Minor: Materials Science and Engineering

◆ Garrett Franklin Doherty
Oluwafayosola F. Dosunmu *

Oluwafoyinsola Favour Dosunmu

Sophia E. Famular
Minor: Science, Technology and Society

◆ Niklas Bruce Firestone
Additional Major: Biomedical Engineering

◆ Nikhil Ganesh

◆ Alyssa Kaye Hoffman
Additional Major: Biomedical Engineering

Sydney Haley Holubow
Additional Major: Biomedical Engineering
Minor: Business Analytics and Optimization
Minor: Operations and Supply Chain Management

◆ Madeline Kim Huang
Additional Major: Biomedical Engineering

◆ Siyu Jiang
Additional Major: Biomedical Engineering

Keerthana Karthikeyan

Hayley Blake Kilgore
Minor: Chemistry

Joseph Kim

◆ Jimmy Minh Kim
Additional Major: Biomedical Engineering

◆ Carolann Ireland Kimock

◆ Peyton Joseph Koscho *
Additional Major: Biomedical Engineering

Udithi Kothapalli
Minor: Biomedical Engineering

Catherine Grace Kress

Paul Robert Kurkijy

Shaborn Leggett **

◆ Jing Lin

◆ Linda Tongxin Liu
Additional Major: Biomedical Engineering

◆ Shreya Manak
Additional Major: Biomedical Engineering
Olivia Faith McCracken
Additional Major: Biomedical Engineering
Minor: Business Administration

◆ Logan Alexis Meritz

◆ Benjamin Allen Mills **
Additional Major: Biomedical Engineering
Minor: Business Administration

◆ Kathleen Ann Monahan

Teresa Angelie Myrthil

◆ Avineet Gowda Nanjappa
Additional Major: Engineering and Public Policy
Minor: Operations and Supply Chain Management

Thea Jessica Porr

Dhriti Posa
Additional Major: Biomedical Engineering

Kyrsten Denise Adriano Rioveros
Additional Major: Biomedical Engineering

◆ Risha Shetye

◆ Jayson Joon Shin
Minor: Business Administration

◆ Luke Brownson Suddeth *
Minor: Biomedical Engineering

◆ Kyndall Paige Tatum
Additional Major: Biomedical Engineering
Abigail Kathleen Umscheid
Minor: Biomedical Engineering

◆ Anahita Wangoo
Additional Major: Biomedical Engineering

Yvonne Wei

Krystal Jiayu Xiao-Rao
Minor: Operations and Supply Chain Management

MASTER OF CHEMICAL ENGINEERING

Chemical Engineering

Jacob Andrew Bryant

Ekaterina Dragoshanskaia

Benjamin Kenneth Eugster

Fangyi Li

Shakira Marie Martinez Vasquez *

Jiayi Yang

MASTER OF SCIENCE

Artificial Intelligence Engineering - Chemical Engineering

Srivathsan Badrinarayanan **

Garima Chib **

Kaiyu Guan **

Tung-Yu Hsiao **

Kiran Prasad Jamuna Prasad **

Ann Mary John **

Leon Li **

Radheesh Sharma Meda **

Danush Sadasivam **

Sriram Natarajan **

Tirtha Sukhesh Vinchurkar **

Chemical Engineering

Mohammed Issa Abdul-Rahman **

Tianrui Hou **

Adwait Amit Joshi **

Rishabh Mehta **

Saket Rajeev Mundra **

Mayank Nandwani

Kevin Patrick Pfau **

Katherine Grace Pierre-Louis

Pariwat Quangkananurug

Joshua Austin Rasco *

Simeranjit Shihmar **

Victor Soria Alcaide **

Yuming Sun **

Hao Wen Teng

Nimish Pramod Vaidya **

Yudiandian Xia **

Kaixuan Xu **

Ying-Ting Yeh **

Colloids, Polymers and Surfaces

Daniel Peng Wang

DOCTOR OF PHILOSOPHY

Robert A. Burnley

High-Throughput Surface Segregation
Across Ternary Alloy Composition Space
Advisor(s): Andrew Gellman

Tafadzwa Lisa Chigumira **

Relations Between Chromatin
and Nuclear Condensates
Advisor(s): Huaiying Zhang

Seolhee Cho

Optimization Models and Algorithms
for Infrastructure Planning of Reliable
and Resilient Power Systems
Advisor(s): Ignacio E. Grossmann,
John Kitchin

Adeesh Kolluru **

Deep Learning Frameworks for
Accelerating Catalyst Simulations
Advisor(s): John Kitchin

Harrison Douglas Lawson **

Synthetic Strategy for mRNA
Encapsulation and Gene Delivery with
Nanoscale Metal-Organic Frameworks
Advisor(s): Siyang Zheng

Brian E. McKenzie

Interfacial Fluid Flows and Deformations
Driven by Solute Concentration Gradients
Advisor(s): Stephen Garoff,
Aditya S. Khair, Robert D. Tilton

Joseph John Illg Musielewicz

Improving Machine Learning
Frameworks for Catalyst Simulations
Advisor(s): John Kitchin

John Pettersen **

Development of in vitro Drug Discovery
Methods for G-protein Coupled Receptors
Advisor(s): Anne Skaja Robinson

Michal Roguski

Engineering Properties of Fluid Interfaces
Advisor(s): Robert D. Tilton, Lynn Walker

Rohan Yuri Sanspeur **

Toward Autonomous Software
Pipelines for Materials Discovery
with a Focus on Green Hydrogen
Advisor(s): John Kitchin

William Strahl *

Advancements in Combinatorial and
Nonlinear Optimization Methods
for Process Systems Engineering
Advisor(s): Chrysanthos Gounaris

Nicholas Tiwari *

Modeling the Behavior of
Macromolecules at Interfaces
Advisor(s): Gerald J. Wang

Brook Wander **

Towards Realizing Computationally
Driven Experimental Discovery
of Heterogeneous Catalysts
Advisor(s): John Kitchin

Xiaoxiao (Lory) Wang

Machine Learning Assisted
Simulation and Experimentation for
Accelerated Scientific Discovery
Advisor(s): Rachel Kurchin

Angela Yang *

Diffusiophoretic Colloidal
Transport in Complex Fluids
Advisor(s): Stephen Garoff,
Aditya S. Khair, Robert D. Tilton**CIVIL & ENVIRONMENTAL
ENGINEERING****BACHELOR OF SCIENCE****Civil Engineering**

David Michael Abadi Akerman

◆ Seth Brandon Altman **

Aeryn Anderson

◆ Purva Bommireddy
Additional Major: Statistics
and Machine Learning◆ Dylan Lane Bonanno
Additional Major: Engineering
and Public Policy◆ Chloe Brown
Minor: Drama

◆ Samuel Chen **

Mia Constantin
Minor: ArchitectureAndrea Paola Dominguez *
Minor: Environmental and
Sustainability Studies◆ Jane Cassidy Evans Fleischman
Additional Major: Engineering
and Public Policy

Alana Caroline Frederick

Paul S. Gonzalez

◆ Luke Matthew Grupp **

◆ Carmen Lee Hagerty

◆ Jongwoo Han **
Additional Major: Engineering
and Public Policy

Kate Holland Hanson

Dalton Herschel Harmon

Aaron Agustin Hernandez

Beatriz Maria Holzbach

◆ Augustus James Kamal **

Anusha Tejas Modi

Miu Nakajima

Minor: Information Security,
Privacy and Policy◆ Rory Elayne Oden
Additional Major: Engineering
and Public Policy

Justin H. Oh

Nolan Pitsenberger

Emiliano Plaza Grisanty

Minor: Innovation and Entrepreneurship

Kevin Z. Riordan **

Christopher Celso Rodas Ochoa

Additional Major: Engineering
and Public Policy

Stella Masako Saame

◆ Krishnav Sekhri
Minor: Business Administration

◆ Josiah Peter Sespico

◆ Noah Singer **
Additional Major: Engineering
and Public Policy

Autumn Maya Swartz

Additional Major: Engineering
and Public Policy

Kaity Wang

Minor: Chinese Studies

Tianqi Wang

Environmental Engineering◆ Madeline Ruth Falk
Additional Major: Engineering
and Public PolicyCarla Sofia Gomez-Fonseca
Minor: Environmental and
Sustainability Studies◆ Harrison Jacob Green
Additional Major: Engineering
and Public Policy◆ Isabella Krisky
Additional Major: Engineering
and Public Policy◆ Samantha Elizabeth Lee
Minor: Human-Computer Interaction

Antara Mageshwaran

Minor: Cybersecurity and
International Conflict◆ Flannery DuPree McNair
Additional Major: Environmental
and Sustainability Studies

◆ Shria Shyam **

Nicole Adamaris Vera

◆ Sophie Isobel Vincens
Additional Major: Engineering
and Public Policy**MASTER OF SCIENCE****Advanced Infrastructure Systems**

Maral Doctorarastoo **

Paul Roy Twijukye **

**Artificial Intelligence Engineering -
Civil and Environmental Engineering**

Yuang Hou **

Kabir Kedia **

Sai Santosh Gaurav Molugu **
 Kaicheng Sheng **
 Adem Taiyr **
 Jing Wu **
 Liyang Zheng **

Civil and Environmental Engineering

Ryan Rebecca Albelda
 Seth Brandon Altman
 Sorawich Aungsuthar **
 Nora Awad **
 Nicolas Kelemen Bosquet **
 Alexander Harrison Bram **
 Xinchun Cai **
 Hannah Victoria Center **
 William Falasca Marostica **
 Michael Edward Fetsko III **
 Willem Alexander Goedecke **
 Yule Gou
 Lindsay Kalla Graff **
 Luke Matthew Grupp
 Jongwoo Han
 Hikari Lyane Harrison
 Chengyi Hong
 Shan Hong **
 Fengchen Hu **
 Ava Jahan Biglari **
 Julane Johnson
 Katherine Grace Johnson *
 Gibrilla Mohamed Kamara
 Demetra Dora Karras **
 Venkata Alekhya Kasireddy **
 Manoradh Kolli
 Zijie Liang **
 Guanyu Lin **
 Mingyuan Liu **
 Ruoxi Ma **
 Benjamin H. Minden
 Avnish Rajesh Parekh **
 Rahul Raj Ponnada **
 Xinglin Ren **
 Zheng Ren **
 Kenedy Sanchez
 Shria Shyam
 Michelle Anne Sung **
 Keegan True **
 Jiayi Wang **
 Keding Wang **
 Winona Wang **
 Zixuan Wang **
 Beatrice Wu **
 Shimin Xu **
 Dalia Zainal
 Kewei Zhou **
 Tiantian Zhou **
 Yuanhao Zhou **

Civil and Environmental Engineering - Research

Stephanie Marilyn Perez

Computational Mechanics

Mehul Bapat
 Samuel Chen
 Balaji Pulipakkam Sridhar **

Environmental Management and Science

Lin Lu

DOCTOR OF PHILOSOPHY

Medinat Akindele **
 Development and Evaluation of Portable
 Reduced-Complexity Air Quality Models
 for Policy Assessment in Africa
 Advisor(s): Peter Adams
 Zhufeng Fan *
 Reshaping Urban Transportation
 with Micromobility
 Advisor(s): Corey Harper
 Pratapaditya Ghosh
 Strategies to Improve Simulations of Cloud
 and Fog Droplet Number Concentrations
 in Weather and Climate Models
 Advisor(s): Hamish Gordon
 Lindsay Kalla Graff
 Optimizing Mobility Infrastructure,
 Services and Subsidies in Multimodal
 Transportation Networks
 Advisor(s): Katherine Flanigan, Sean Qian
 Nicolas Gratius *
 A Simulation Framework for Life-
 Support Anomaly Response in
 Deep-Space Exploration Habitats
 Advisor(s): Burcu Akinci, Mario Berges
 Maryam Hakimzadeh **
 Phase-Field Modeling of Fracture in
 Geo- and Environmental Mechanics
 Advisor(s): Kaushik Dayal
 Andrew J. Jones Jr. *
 Climate Change and the Impact on
 Energy Insecurity in the Residential
 Sector: A Place-Based Analysis into the
 Consumption and Energy Insecurity
 Heterogeneities within Arizona
 Advisor(s): Destenie Nock,
 Constantine Samaras
 Zemian Ke **
 Proactive System Optimal
 Routing of Network Traffic
 Advisor(s): Sean Qian
 Uditnarayan Dilip Kouskiya
 Computational Analysis of a Duality-
 Based Approach for Solving Ordinary
 and Partial Differential Equations
 Advisor(s): Amit Acharya
 Pengkun Liu *
 Trustworthy Civil Infrastructure
 Inspection Through Human-
 Machine Intelligence Integration
 Advisor(s): Pingbo Tang
 Zia J. Lyle
 Informing Climate Change Risk Decision
 Making for Drinking Water Utilities
 Advisor(s): Constantine Samaras,
 Jeanne M. VanBriesen

Sofia Martinez **
 Reducing Greenhouse Gas Emissions
 Through Battery Electric Bus Deployment,
 Mineral Efficiency and Onshoring
 Critical Mineral Production
 Advisor(s): Corey Harper,
 Constantine Samaras

Rachel Alexis Mole
 Colloidal Activated Carbon for in situ
 Remediation of Perfluorinated Alkyl
 Substances: Effects of Groundwater
 Chemistry and Implications for
 Technology Use and Longevity
 Advisor(s): Gregory V. Lowry
 Carlos Mateo Samudio Lezcano
 Data-Driven Quantification of
 Societal Impacts from Emerging
 Transportation Technologies
 Advisor(s): Corey Harper, Destenie Nock

Marissa Webber *
 Monitoring and Modeling Urban
 Stormwater Infrastructure and Nature-
 Based Solutions for Effective and
 Equitable Climate Change Adaptation
 Advisor(s): David Rounce,
 Constantine Samaras

Chunzhi Wu **
 Molecular Modeling of
 Transport in Membranes
 Advisor(s): Gerald J. Wang

Ruoxin Xiong *
 Human-Machine Adaptation in Lean
 Waste Elimination for Customized
 Building Manufacturing Systems
 Advisor(s): Pingbo Tang

ELECTRICAL & COMPUTER ENGINEERING

BACHELOR OF SCIENCE

Electrical and Computer Engineering

- ◆ Alan Mathew Abraham
 Additional Major: Mathematical Sciences
 Toluwani Oluwatobi Ajani **
- ◆ Arda Akinci
 Kaya Akinci
 Forever Amanim Akpabio
- ◆ Jana Al Armouti
 Minor: Computer Science
 Shithe Al-Hasan **
- ◆ Mohammed Ali M. Alfaraj
- ◆ Majd Ahmed S. Almudhry
 Erin Isabel Anand
- ◆ Nancy Lee Anderson
 Additional Major: Biomedical Engineering
- ◆ Debrina Angelica **
- ◆ Julia Christine Anitescu
 Justin Steven Ankrom
- ◆ Swati Anshu **
 Callum Jay Bagnall *
- ◆ Gary Pierce Nissim Bailey
 Alec Tyler Bender
 Aneasha Bhattacharjee
 Anya Bindra
 Minor: Computational Finance
 Jason Lee Botros

- ◆ Cody Nicholas Breidenbach
Minor: Mathematical Sciences
- ◆ Susanna Grace Britton
Michelle Anne Bryson
Maddie Rose Cahan Burroughs
Additional Major: Design of Interactive Media (Student-Defined Major)
Minor: Soft Technologies
Anna Elizabeth Cai
Olivia Joan Marie Carroll
Melina Castillo
Kiera Anne Cawley
- ◆ Noah Michel-Andre Champagne **
Jessica Chan
Rohit Chand
- ◆ Eric Chen **
Fei Chen
William Chen
- ◆ Yikang Cheng
Minor: Robotics
Sara Haejin Chung
Additional Major: Creative Writing
- ◆ Elliot Tawan Clark
Theophilos Cockrell
Belle Leah Connaught
Matthew Duffy Coyle
Additional Major: Robotics
- ◆ Danny J. Cui
- ◆ Andrew Christopher Cuonzo
- ◆ Mary Margaret Demangone
- ◆ Rebecca Dettmar
Minor: Linguistics
- ◆ Dhruv Dixit
Maya Doshi
- ◆ Aiden Christopher Dowd
Alexis Quynh Duong
Minor: Biomedical Engineering
- ◆ Okemdinachukwu Kaifechukwu
Emegwa
- ◆ Dane Richard Engman
- ◆ Youngjin Eum
Minor: Mathematical Sciences
- ◆ Tarek Santiago Fakhri
Minor: Innovation and Entrepreneurship
- ◆ Jessie Fan
- ◆ Nicole Feng
Minor: Artificial Intelligence
Fiona Rose Fisher **
Minor: Technical Writing
- ◆ Ruslana Isabelle Fogler
- ◆ Jonathan Noah Frantz
Minor: Music Technology
Andrew Gao *
Moises Aaron Gavarrete
- ◆ Danny Ivan Gonzalez
Corrado Michele Govea
Malandrino **
Luke Haneul Han
Minor: Artificial Intelligence
Diya Handa
- ◆ Qile He **
Tianyi He
- Amelia Heller
- ◆ Michelle Aileen Heo **
- ◆ David Herman
- ◆ Jason Viet Hoang **
- ◆ Emma Karen Hoffman
Additional Major: Biomedical Engineering
Charvi Thyamagundalu Hoysal
Minor: Game Design
- ◆ Eric Hu
Minor: Social and Political History
Mandy Sun Hu **
- ◆ Bohan Huang
Additional Major: Robotics
Xueying Huang
Yuchan Kevin Huang
- ◆ Zhixi Huang
Additional Major: Robotics
Minor: Business Administration
- ◆ Hsien-Fu Hung
Minor: Artificial Intelligence
- ◆ Joe Sunil Inchodikaran
Additional Major: Computer Science
- ◆ Chaitanya Pandurang Irkar
- ◆ Krrish Jain
Jeffrey Jehng **
Zhenghao Jin
Additional Major: Robotics
- ◆ Shivi Jindal
Minor: Machine Learning
Ashira Johara
- ◆ Roman Dev Kapur
- ◆ Ankit Khandelwal **
- ◆ Opalina Khanna
Andrew Kim
Daniel Dohyun Kim
- ◆ Jongyup Kim
Min Ji Kim
- ◆ Rex Jaewoo Kim
- ◆ Yutark Kim
Sophia Elizabeth King
Minor: Software Engineering
- ◆ Taylor Haven Koda
- ◆ Talay Kondhorn
Minor: Business Administration
Shravya Sai Koushik **
James Louis Kramer
Kapil Krishna **
- ◆ Riley Edward Krzywda
- ◆ Siddarth Kunisetty
Kevin Win Kyi
Taylor Brooke Kynard
Minor: Animation and Special Effects
- ◆ Hsuan-Ju Lai
Minor: Business Administration
Minor: Robotics
- ◆ Eunice Lee
- ◆ Hyungwoo Martin Lee
Raehyun Michael Lee
Minor: Business Administration
- ◆ Kayla Lei
- ◆ Wen Hui Leng
- ◆ Ankit Lenka
- ◆ Bingcheng Li
- ◆ Grace Li
- ◆ Haiyu Li
Sharon Li **
- ◆ Siyuan Li **
- ◆ Ziyang Liao
Edward Patrick Lin
Minor: Robotics
- ◆ John Yanxin Liu
Minor: Computer Science
- ◆ Kaitlyn C. Liu **
- ◆ Ruoyu Liu
- ◆ Tristan Liu
- ◆ Amelia Ellen Lobo
Minor: Social and Political History
- ◆ Caroline Hudson Locke
- ◆ Alena Jiawen Lu **
- ◆ Charles Zhengjun Lu
Ethan Lu
- ◆ Denis Michael Lucey **
Minor: Business Administration
Yuhe Ma
Zheng Hao Ma
Minor: Business Administration
Cole Daniel MacSwain
Joshua Robert Malley
- ◆ Zara Shaheen Mansoor
Minor: Computer Science
- ◆ Vansh Mantri
Additional Major: Robotics
Stephanie Ying Mao
Minor: German Studies
- ◆ Yon Semel Maor
Additional Major: Engineering and Art
Cora Julianna Marcet
Minor: Mathematical Sciences
Benjamin Ryan Rafael Martinez **
- ◆ Hugo Sebastian Martinez
Kayla Breanna McFarlane
Cynthia Nora Meah
Liam Fernando Meriño Escobar
Leland Giovanni Mersky **
- ◆ Nicholas Mesa-Cucalon
Minor: Machine Learning
Mahlet Mesfin
- ◆ Josiah Ethan Miggiani **
Alejandro Albierti Miranda
- ◆ Kushaan Misra
Additional Major: Artificial Intelligence
Rylan John Morgan
Ethan Muchnik **
- ◆ Devdutt Nadkarni
Minor: Computer Science
- ◆ Jun Wei Neo
- ◆ Tzen-Chuen Ng
Additional Major: Engineering and Public Policy
Alexander Minh Duc Nguyen
Minor: Biomedical Engineering
Darol Devi Njami Tchouke
Angel Wanjiru Nyaga

- Abigael Frances O'Donnell
Minor: Social and Political History
- Emmanuel Olumba Obu Jr.
- ◆ Anna Paek
Rita Teles Paixao
Additional Major: Biomedical Engineering
- Nadia Palar
- ◆ Jamshed B. Panthaki
Kyungbin Park
- ◆ Katherine Ellen Parry II
- ◆ Deeya Patel
Somya Pathak *
Additional Major: Biomedical Engineering
- John Demetrios Pedraza
- ◆ Sebastian Alberto Perez-Villarrubia
Minor: Business Administration
- ◆ Gabriella Amy Pimenta-Fujikawa
Minor: Business Administration
- Reva Poddar **
- ◆ Anirudh Prakash
Minor: Technical Writing
- ◆ Lekha Punya
Jubahed Miah Qayum
Peter Ragone **
- ◆ Erika Ramirez
Joshua Ramos
- ◆ Matthew Christopher Rhee
Brooke Matthew Rodriguez *
- ◆ Dingchao Rong
Aanya Rustogi
Darin Ryu **
Minor: Computer Science
- Samay Shashwat Sahoo *
- ◆ Akintayo Albert Salu
- ◆ Gaurav Shrikant Savant **
- ◆ Richard Kiyoshi Shaschnig
Aakash William Sell
Minor: Business Administration
- Anoushka Sengupta *
Minor: Robotics
- Sandra Maria Serbu **
- Tanisha Sethi
- ◆ William Markham Sau Rui Shaw
Minor: Computer Science
- Raymond S. Shen
Additional Major: Biomedical Engineering
- ◆ Rohan Ganesh Shenoy
- ◆ Steven Shi
- ◆ Yuna Shin
Minor: Biomedical Engineering
- ◆ Akul Singh
Saniya Singh *
- ◆ Siddharth Singh
Minor: Biomedical Engineering
- Benjamin Henry Solo **
- ◆ Raunak R. Sood
- ◆ Bharathi Sridhar
Kevin Elijah St.Luce
- ◆ Mason James Stark
Lucas Bancalari Storm
Minor: Philosophy
- ◆ Emily Sara Szabo
Tyler Tan
- ◆ Alice Cathryn Tang
- ◆ Eric Handa Tang
- ◆ Max Huidong Tang
Minor: Computer Science
- ◆ Samuel Maximillian Telanoff
- ◆ Bhavik Thati
Minor: Machine Learning
- ◆ Mathias Thomas **
- ◆ Xiaoyu Tian
Additional Major: Robotics
- Marcus Lawrence Tita
- ◆ Yiu Chung Perrin Tong
- ◆ Lohith Chowdary Tummala
Minor: Computer Science
- Minor: Physics
- ◆ Kaitlyn Elaine Vitkin
Maya Rose Voelkl
- ◆ Trey Joshua Wagner
Nicholas David Walker
- ◆ Andrew Zi-An Wang
Minor: Biomedical Engineering
- Minor: Machine Learning
- ◆ Gongwei Wang
- ◆ Haichuan Wang **
Minor: German Studies
- ◆ Justin Yisen Wang
Additional Major: Computer Science
- ◆ Kevin Qinyu Wang
- ◆ William Wei-Chung Wang
- ◆ Zhixing Wang **
- ◆ Jolie Claire Wasserman
- ◆ Aleksandra Mary Watkins
Minor: Human-Computer Interaction
- Meadow Sarina Webster
- ◆ Yiyun Wei
Minor: Robotics
- Zoe Zemlo White
Additional Major: Biomedical Engineering
- ◆ Shengxi Wu
Additional Major: Computer Science
- ◆ Yu-Ching Wu
Minor: Computer Science
- ◆ Angela Xu
Minor: Game Design
- Gordon L. Xu
- Michelle Xu
Minor: Robotics
- Xinglan Xu
- Carolyn Yang
- ◆ Sarah Yang
- ◆ Shannon Ning Yang **
- Winstone Yang
- Rahyun Yun
Additional Major: Biomedical Engineering
- ◆ Giancarlo Zaniolo **
Minor: Computer Science
- Zina N. Zarzycki
- ◆ Sijin Zhang **
Minor: Robotics
- ◆ Taiming Zhang
Minor: Robotics

- ◆ Yunjia Zhang
Minor: Computer Science
- ◆ Alanis Zhao **
Minor: Mathematical Sciences
- ◆ Ziyao Zhao
Minor: Computational Finance
- Nicholas Zhong **
- ◆ James Zhou
Minor: Computer Science
- ◆ Wenjun Zhou
Huiru Zou

MASTER OF SCIENCE

Artificial Intelligence Engineering
- Electrical and Computer
Engineering

- Manohar Sai Alapati **
- Zubin Trivadi Aysola **
- Shweta Chavan **
- Shutian Chen **
- Yihui Chen **
- Cheng-Yu Chiang **
- Yuxuan Dong **
- Pengji Du **
- Lucy Duan
- Aidan Charles Erickson **
- Cheng-An Hsieh **
- Ling-En Huang **
- Shuying Huang **
- Tun Min Hung **
- Yuliang Jing **
- Ishaan Harry Kavoori **
- Kaiwen Lan **
- Jiayi Li **
- Ruohua Li **
- Jiang Meng Liao **
- Yichen Lu **
- Grant Ovsepyan **
- Chong Peng **
- Qiulu Peng **
- Yibo Peng **
- Pin Qian **
- Kai Qiu **
- Yifei Ren **
- Duowen Sheng **
- Vashisth Tiwari **
- Abhinav Venkatadri **
- Rui Wang **
- Ruilun Wang **
- Xue Wang
- Yunfan Wang **
- Zihao Wang **
- Xiaoxi Wei **
- Siyan Wu **
- Qiaoying Xu **
- Hanqing Yang **
- Zhantao Yang **
- Zhiyu Yi **

Anyu Ying **
 Jing Zhang **
 Chengze Zheng **
 Shaoxuan Zheng **
 Yuntao Zheng **
 Yi Zhou **

Electrical and Computer Engineering

Wahib Abdillahi Abib
 Adikpe Iyata Anthony
 Mehal Agarwal **
 Ateny Gabriel Aguto **
 Ahereza Ian
 Vital Ahishakiye **
 Tioluwani Oluwatobi Ajani
 Juan Rodolfo Rodolfo Alvarez Padilla
 Siddharth Nilesh Ambekar **
 Rosina Ananth **
 Debrina Angelica
 Swati Anshu
 Akash Arun
 Venkata Subha Aneesh Atkuri **
 Callum Jay Bagnall
 Zilin Bai **
 Owen David Ball **
 David Barajas-Jasso
 Alexandra Gena Batrachenko
 Vedant Bhasin **
 Hengwei Bian **
 Jean Rodrigue Bitsinda Ikuzwe **
 MeeDm Bossard **
 Angie Bu *
 Jindong Cao **
 Zhexi Cao
 Xiaoyu Chai
 Noah Michel-Andre Champagne
 Surya Chandramouleeswaran
 Francis Tatenda Chekure **
 Fangchen Chen
 Fengyifan Chen **
 Jingyi Chen **
 Mingkai Chen
 Sizhe Chen
 Xuesi Chen **
 Yi-Hsiang Chen **
 Zhuo Cheng **
 Ethan Cherian
 Chun Kai Chiu
 Matthew Choi
 Virginia Sugden Choi-Durham
 Andrew Chong
 Ching-Han Chou
 Nathan Wayne Chow **
 Michael Patrick Crotty
 Rongzhe Cui **
 Zhonghui Cui **

Jaydeepsinh Javantsinh Dabhi
 Ruiyang Dai **
 Yuchen Dai
 Wenqi Deng
 Zimeng Deng **
 Aadesh Ketan Desai **
 Sreekesh Devanathan **
 Satvik Dixit **
 Yihan Duan **
 Alexis Quynh Duong
 Divyangam Dutta
 Eray Can Elumar **
 Ifeanyichukwu Ikenna Ene
 Dane Richard Engman
 Niyigena Eric **
 Wendy Essuman **
 Jessie Fan
 Yiqun Fan **
 Xinyi Fang
 David Chenlong Feng **
 Nicole Feng
 Yixin Feng
 Lawrence Francis **
 Andrew Gao
 Ricky Gao
 Yifan Gao **
 Alana C. Gerald
 Alex Ngibuini Gichamba **
 Chaitanya Goswami
 Devan Singh Grover **
 Xiaoke He
 Zhenwen He
 Zhizhou He **
 David Herman
 Chen-Fu Hsu **
 Andrew H. Huang *
 Mingxiao Huo
 Eric Ibyishaka **
 Dieudonne Iradukunda **
 Obed Irakoze **
 Benjamin Hubert Ishimwe **
 Joshna Sridevi Iyengar **
 Ange Izabayo **
 Joseph Jang
 Navod Abeywickrema
 Jayawardhane **
 Tongyao Jia **
 Yihao Jia **
 Lai Jiang
 Xiaobai Jiang
 Attahiru Muhammad Jibril
 Alison Qiu Jin **
 Xiao Jin **
 Yoo Chan Joung
 Kantheti Revanth Varma
 Caroline Victoria Kasuba
 Jonathan Kibaddawo Kayizzi
 Amaan Kazi **

Rashi Kejriwal
 Ankit Khandelwal
 Yuk Ian Khor
 Derek Kim
 Ishan Jagrut Kotecha
 Varun Kumar
 Sachin Kumaran Kumaravel **
 Jasper Kwizera **
 Jean De Dieu Kwizera **
 Gaeun Lee
 Soojin Lee **
 Yujun Lee
 Wen Hui Leng
 Jason Li
 Mashengjun Li
 Thomas Yangping Li
 Ziyue Li
 Nathan Andrew Litzinger **
 Fangqi Liu
 Grace M. Liu
 Jiaming Liu **
 Yixuan Liu
 Yuecheng Liu
 Feiyang Long **
 Charles Zhengjun Lu
 Suhan Lu **
 Anusha Madan Gopal **
 Tanvi Ravindra Mahatme **
 Mohammad Hassan
 Malekoshoraie *
 Maximilian Manzhosov
 Yuma Matsuoka **
 Thomas James McCarty-Gibson **
 Zhiying Meng
 Arnav Menon
 Yves Mfitumukiza Ndayisaba **
 Joey Mok **
 Ethan Muchnik
 Myles Mwathe
 Timothy Nabongo
 Aditi Narasimhan
 Naren **
 Cyprien Ndagijimana
 Matthew Ngaw
 Chi Lan Nguyen **
 Yichen Ni **
 Emmanuel Nsengiyumva **
 Vincent Nshimiyimana **
 Ntakirutimana Pierre **
 Tjun Jet Ong
 Anna Paek
 Shuailin Pan
 Meera Pandya
 Saagar Dhaval Parikh **
 Apurva Patel **
 Eshika Pathak **
 Aishwarya Patil **
 Prem Sai Peddi **

David Zheng Peng
 Christopher John Porco **
 Kavish Neel Purani
 Weichen Qiu
 Rohan Raavi
 Pharuj Rajborirug **
 Varun Rajesh
 Nithanth Ram
 Neeraj Ramesh
 Joshua Ramos
 Rituraj Raut
 Nishimwe Rebecca **
 Muhirwa Richard **
 Mary Rose Rubino
 Jean Wanzhi Allensworth Ruffley *
 Katherine Sabak
 Matthew J. Saenz
 Sai Shuba **
 Nithya Sree Sampath **
 Siddhant Sapra
 Evan Kaifong Serre **
 Siddharth Gautam Shah
 Allain Patience Shema **
 Yufei Shi
 Eshita Shrawan **
 Sanjana Shriram
 Prosper Singadi **
 Jaspreet Singh **
 Priya Singh **
 Sahil Somani **
 Rohan Vatsal Sonecha **
 Junyao Song **
 Kevin Song **
 Simon Spivey **
 Sanjeev Sridhar
 Mayur Srinivas Gowda
 Freda Su **
 Gregory Theodore Su
 Hanshi Sun **
 Sidharth Suravarapu
 Saadhikha Shree Suresh **
 Carson Eliel Swoveland
 Surafel Melese Tsadik
 Korene Tu
 Prithviraj Vijayaraj
 Anirud V. Durani
 Sai Jaswanth Vuppalapati
 William Wei-Chung Wang
 Yichen Wang **
 Zhixing Wang
 Carter Weaver
 Joseph Robert Wildman **
 Brendan Henry Wilhelm **
 Leon Ziran Wu **
 Ping-Hsuan Wu **
 Zhehua Xiang
 Bifan Xin

Hanlu Xu
 Olivia Yang
 Yixin Yang
 Abuduwaili Yierpan
 Yucheng Yin *
 Cundao Yu **
 Kuang Yuan *
 Zhiyu Yuan **
 Steven C. Zeng
 Kobe Wenda Zhang **
 Naifeng Zhang **
 Shiyi Zhang **
 Yuanpeng Zhang **
 Zhuoran Zhang **
 Chuangdian Zhao **
 Tunan Zhao **
 Zhengyu Zheng **
 Rebecca Zhou **
 Nathan Junyao Zhu **

Electrical and Computer Engineering - Kigali, Rwanda

Ateny Gabriel Aguto **
 Vital Ahishakiye **
 Adikpe Iyata Anthony
 Francis Tatenda Chekure **
 Niyigena Eric **
 Wendy Essuman **
 Lawrence Francis **
 Alex Ngibuini Gichamba **
 Ahereza Ian
 Eric Ibyishaka **
 Jean Rodrigue Bitsinda Ikuzwe **
 Dieudonne Iradukunda **
 Obed Irakoze **
 Benjamin Hubert Ishimwe **
 Ange Izabayo **
 Attahiru Muhammad Jibril
 Jonathan Kibaddawo Kayizzi
 Jasper Kwizera **
 Jean De Dieu Kwizera **
 Timothy Nabongo
 Cyprien Ndagijimana
 Yves Mfitumukiza Ndayisaba **
 Emmanuel Nsengiyumva **
 Vincent Nshimiyimana **
 Ntakirutimana Pierre **
 Nishimwe Rebecca **
 Muhirwa Richard **
 Allain Patience Shema **
 Prosper Singadi **

Electrical and Computer Engineering - Advanced Study

Ian Joseph Ayitey Akotey
 Abdulhamid Sameer A. Aldoobi
 Abdulrahman F.A.A. Alfares **

Yuwei An
 Vikram Bhagavatula
 Ran Bi
 Yongxiang Bi
 Siqi Cao
 Xutao Cao
 Weigen Chen
 Haoliang Cheng
 Hariharan Chithalamangalam
 Saravanan **
 Hsin-Ya Chou **
 Justin Michael Dannemiller
 Jingtong E
 Qi Feng
 Yuqi Gong **
 Siqi Guo
 Xinyuan Guo
 Shivi Gupta
 Jionghao Han
 Mingze He
 Zijie Huang
 Arti Jain
 Shujian Jin **
 Ziruo Jin
 Adam Mescall Johnson *
 Adrian Kam
 Ann Kang
 Yuyang Kang
 Eesha Santosh Karnawat
 Zejian Kong
 Wenxin Lai
 Bohan Lei **
 Hongyang Li
 Jiaxing Li
 Penggao Li
 Yaguang Li
 Calvin Lin **
 Xialin Liu
 Yutong Liu
 Zihao Liu **
 Chih-Yang Lo **
 Jeffrey Low Zhen Guang
 Yixing Lu
 Yujun Lu
 Qi Luo
 Xinping Luo
 Yibo Ma
 Jingyang Men
 Tianzheng Meng
 Esther Dzifa Ama Mensah
 Eugene Ki Min
 Elizabeth Mountz **
 Ayisha Nuhu
 Izera Ifituburyo Pacifique **
 Kaustabh Paul
 Shenyi Qiao
 Zheyang Qin
 Anand Mudunuri Raju

Aniruddhan Ranganathan
 Akshat Sahay
 Fabrice Sindambiwe
 Swamynathan Siva **
 Jiaqi Song
 Balasubramanian Srinivasa
 Vaithiyanathan
 Mariam Ohunene Sulleiman **
 Jiajun Sun
 Jiancheng Sun
 Wenhan Sun
 Sarvesh Tandon
 Luyi Tang
 Tanghang Elvis Tata
 Shenyu Tao
 Akshunna Vaishnav
 Zhangwen Wan
 Han-Yi Wang
 Shengaolun Wang
 Xianqi Wang
 Yantian Wang
 Yilin Wang
 Jun Wen **
 Henry Lee Wong
 Mengning Wu
 Yen-Jung Wu
 Jiachun Xu
 Zihan Xu
 Zeyi Yan
 Yukun Yang
 Haoran Zhang
 Ningyan Zhang
 Shuting Zhang
 Tingrui Zhang
 Junru Zhao **
 Kaiyuan Zheng **
 Xueling Zheng
 Jihai Zhou
 Tingwei Zhou **

Electrical and Computer Engineering - Advanced Study - Kigali, Rwanda

Ian Joseph Ayitey Akotey
 Esther Dzifa Ama Mensah
 Ayisha Nuhu
 Fabrice Sindambiwe
 Mariam Ohunene Sulleiman **
 Tanghang Elvis Tata

Electrical and Computer Engineering - Applied Advanced Study

Ananya Ayasi **
 Angad Ripudaman Singh Bajwa **
 Abhishek Basrithaya **
 Yixin Cai
 Yueze Cao **
 Jian Chen **

Shengjian Chen **
 Wenjin Fu **
 Weixuan Gao **
 Zhaohan Hu **
 Wei-Che Huang **
 Atharva Anand Joshi **
 Shreya Ajay Kale **
 Shubhra Rao Kuthyar **
 Yi-Ying Li **
 Shang-Chun Lin **
 Chunjiang Liu **
 Kaiyuan Liu **
 Xinlou Lyu **
 Yucheng Nie **
 Rishi Pachipulusu **
 Ketan Ramaneti **
 Parsheeta Roy **
 Tanvi Satish Shewale **
 Haozhe Song **
 Leiran Song **
 Jiarong Wang **
 Jingxuan Wu **
 Zijie Wu **
 Can Xu **
 Ziqian Xu **
 Bangjie Xue **
 Youqi Yang **
 Yuhong Yao **
 Yue Yu **
 Shibo Zhang **
 Hongru Zhou **
 Yuhan Zhou **
 Sihan Zhuang **

Electrical and Computer Engineering - Applied Study

Zhiyu Ju *
 Tianxin Yue **

Software Engineering

Tianjun Cai **
 Kang-Pin Chan
 Chia-Ming Chang **
 Baijun Chen **
 Haiming Chen **
 Honghao Chen
 Kaitao Chen **
 Ming-Hao Chen **
 Ruobing Chen **
 Xingyu Chen **
 Yifan Chen **
 Yingdan Chen
 Dongchen Cui **
 Kaushik Deka
 Mingtao Dong **
 Andrew Erickson **
 Yuyang Fan

Shiyu Feng **
 Ruohong Gan
 Chaos Gao
 Zizan Gong **
 Yingjia Gu **
 Zechen Guo **
 Shuhang Han **
 Simeng Hao **
 Yujie Hu
 Haixin Huang
 Kai Huang
 Yusong Huang **
 Miao-Jhen Jhou
 Sasirekha Kambhampaty **
 Pongpanot Kotchavong
 Yu-Tsung Kuo **
 Haoju Leng **
 Haoan Li **
 Haorui Li **
 Ke Li **
 Qianqian Li **
 Yuan Li **
 Yunze Li **
 Shuhuai Lin **
 Xiaojun Lin **
 Yichen Lyu
 Muhammad Amar Ma'ruf
 Bhagyashree Sawariya Modi
 Sichi Rene Onyemeh
 Yongchen Qian **
 Herbert Jack Rand **
 Lifan Ren **
 Kaiwen Shou
 Yu Song
 Denghao Sun
 Jordan Tab **
 Yue Tan
 Rongxin Tian
 Cheng-Huan Tsai
 Daniil Turpitka
 Justin Michael Ventura
 Xinyang Wang
 Xinyue Wang
 Yu Wang **
 Yuliang Wang
 Yuzhe Wang **
 Ziyue Wang **
 Meng-Ting Wu
 Shengan Wu
 Yuke Wu **
 Yutong Xia **
 Hairong Xiang **
 Yiwen Xiang **
 Ming Xin **
 Bohan Xu
 Chunzhi Xu **
 Rui Xu

Yunxiao Xu **
 Zhongyu Xu
 Ruizhizi Xue **
 Wei Yan **
 Wenxi Yang **
 Yu Yang **
 Yutian Yang
 Yutong Yang **
 Chenkai Yu **
 Junnan Yu
 Shun-Heng Yu
 Yu-Kuang Yu **
 Haoming Yuan
 Yiwen Yuan **
 Chi Zhang
 Hanxi Zhang
 Jinming Zhang **
 Taige Zhang
 Yifan Zhang **
 Yimin Zhang **
 Ruixia Zhong **
 Yijing Zhou
 Yutong Zhou **
 Zheng Zhou
 Li Zhu **
 Qi Zhu
 Yiting Zou **

DOCTOR OF PHILOSOPHY

Atul Bansal *
 Pushing the Accuracy and Range Limits of Wireless Localization Systems
 Advisor(s): Swarun Kumar

Shicong Cen *
 Algorithmic Foundations of Policy Optimization in Reinforcement Learning, Multi-Agent Systems and AI Alignment
 Advisor(s): Yuejie Chi

Hao Chen
 Democratizing Foundation Models Through Robust Understanding and Learning with Imperfect Data
 Advisor(s): Bhiksha Raj Ramakrishnan

Yae Jee Cho *
 Faster, Incentivized and Efficient Federated Learning: Theory and Applications
 Advisor(s): Gauri Joshi

Tuhinangshu Choudhury *
 Job Dispatching Algorithms for Handling Heterogeneity and Uncertainty in Queueing System
 Advisor(s): Gauri Joshi, Weina Wang

Hao Chung
 Mechanism Design for Decentralized Systems
 Advisor(s): Runtong Shi

Harsh Desai
 Environment-Driven Computing in Energy- Harvesting Devices
 Advisor(s): Brandon Lucia

Xinyi Fang
 Interface Dewetting Phenomenon in Germanium Telluride for High Work Density Phase Change Nanoscale Actuator and Control Methods for Better Endurance
 Advisor(s): James A. Bain, Gianluca Piazza

Deepali Garg **
 Secure-by-Design: A Comprehensive Approach Towards Trusted ICs
 Advisor(s): Lawrence Pileggi

Yann Butel Gilpin **
 Integrated Capacitance Sensing for in vitro Characterization of Tumor-Treating Fields
 Advisor(s): Marc Dandin

Chaitanya Goswami
 Artificial Intelligence Techniques for High-Precision Invasive and Non-Invasive Neural Stimulation
 Advisor(s): Pulkit Grover

Charlie Hou *
 Strategies for Learning from Non-Ideal Sources of Data
 Advisor(s): Giulia Fanti

Leron Kwasi Julian **
 Computational Imaging for Long-Term Solar Irradiance Forecasting
 Advisor(s): Aswin C. Sankaranarayanan

Jingwei Li **
 Nonlinear Frequency Conversion in Integrated 4H-Silicon Carbide Photonics Platform
 Advisor(s): Qing Li

Shimiao Li **
 Exploiting Sparse Structures and Synergy Designs to Advance Situational Awareness of Electrical Power Grid
 Advisor(s): Lawrence Pileggi

Xiang Li
 Bridging Understanding and Generation: A Vision Perspective
 Advisor(s): Bhiksha Raj Ramakrishnan

Ching-Yi Lin **
 A Multi-Modal Computational Framework for in vitro Cancer Cell Analysis Based on Capacitance Sensing and Optical Imaging
 Advisor(s): Marc Dandin

Sen Lin **
 Extreme Scaling of Transistor Technology Based on van der Waals Semiconductors
 Advisor(s): Xu Zhang

Mark Lindsey **
 Online Active Learning with Corrective Feedback: A New Paradigm Applied to Streaming Audio
 Advisor(s): Richard Stern

Keane John-Connor Lucas *
 Attacking, Defending and Evaluating Machine-Learning-Based Raw-Binary Malware Detectors
 Advisor(s): Lujo Bauer

Mohammad Hassan Malekshoaraie **
 Flexible Opto-Electro-Chemical Neural Probes for Neuromodulation and Imaging
 Advisor(s): Maysam Chamanzar

Harideep Pradeep Kumar Nair **
 Cortical Columns Computing Systems: Microarchitecture Model, Functional Building Blocks and Design Framework
 Advisor(s): John Shen

Yifan Peng
 Towards Effective and Efficient Open Speech Foundation Models
 Advisor(s): Shinji Watanabe

Akarsh Prabhakara **
 High-Resolution Imaging with Compact Millimeter Wave Radars
 Advisor(s): Swarun Kumar, Anthony Rowe

Sanil Rao
 LibraryX: A Framework for Cross-Library-Call Optimization
 Advisor(s): Franz Franchetti

Manuel Francisco Reis Carneiro
 High-Fidelity On-Skin Bioelectronics Through Advanced Soft and Sustainable Materials
 Advisor(s): Carmel Majidi

Yuyi Shen *
 Self-Healing Power Amplifiers for Wireless Security and Extreme Environments
 Advisor(s): Vanessa Chen

Mansi Sood *
 Structural Heterogeneity and Performance in Stochastic Networks: From Distributed Inference to Epidemics and Beyond
 Advisor(s): Osman Yagan

Christopher Talbot
 Modern Gate Array Design: Methodology and Applications
 Advisor(s): Kenneth Mai

Weizhao Tang **
 Algorithmic Techniques for Utility Improvement Across the Blockchain Stack
 Advisor(s): Giulia Fanti

Minh Sy Quang Truong
 Designing a Robust Hardware Foundation for Processing-Using-Memory Integration in Real Computing Systems
 Advisor(s): L. Richard Carley

Ruixuan Wang **
 High Q. Microresonator-Based Reconfigurable Integrated Photonics Devices on 4H-Silicon-Carbide-on-Insulator Platform
 Advisor(s): Qing Li

Tianhao Wei *
 Empowering and Safeguarding General Purpose Robots Through Abstraction and Constraint Certification
 Advisor(s): Changliu Liu

Chengchao Xu *
 Microstructure Engineering and Thermal Properties of FePt-Based Media for Heat-Assisted Magnetic Recording (HAMR) Technology
 Advisor(s): David E. Laughlin, Jian-Gang Zhu

Jiachen Xu **
 Embedded Machine Learning for Secure and Efficient Circuits and Systems
 Advisor(s): Vanessa Chen

Anqi Yang *
 Advancing Mobile Photography with Under-Display Cameras and Sensor Design
 Advisor(s): Aswin C. Sankaranarayanan

Bo-Yuan Yang
 Nano Magnetic Tunneling Junction (MTJ) Sensor for On-Chip Current Sensing
 Advisor(s): Jian-Gang Zhu

Muqiao Yang *
 Continual Learning on Speech and Audio: Towards Data, Model and Metrics
 Advisor(s): Bhiksha Raj Ramakrishnan

Yuhang Yao *
 Efficient Federated Graph Learning: Formulation, Algorithms and Applications
 Advisor(s): Carlee Joe-Wong

Yucheng Yin **

Practical Application of Deep Generative Models to Network Traces and Use Cases
Advisor(s): Vyas Sekar

Chi Zhang

Understanding and Enhancing AI Model Robustness and Reliability Through Input Perturbation
Advisor(s): Limin Jia, Corina Pasareanu

Enbo Zhang

Polarization Selective Quantum Sensing of Spin Wave
Advisor(s): Jian-Gang Zhu

Junbo Zhang *

Imprinting RF Backscatter on Flexible Surfaces for Next-Generation Sensing
Advisor(s): Swarun Kumar

Wenyi Zhang *

Enhancing Thermal Efficiency of HAMR NFTs with an AlN Heatsink
Advisor(s): James A. Bain

Weiye Zhao *

State-Wise Safe Learning and Control
Advisor(s): Changliu Liu

Jingyi Zou

Neuromorphic Devices Based on van der Waals Materials for Power-Efficient Computing
Advisor(s): Min Xu, Xu Zhang

ENGINEERING & PUBLIC POLICY

BACHELOR OF SCIENCE

The department offers an additional major B.S. degree in Engineering and Public Policy with each of the five traditional engineering departments and in Science, Technology and Public Policy with other departments. Accordingly, our students are listed within their traditional departments.

MASTER OF SCIENCE

Engineering and Public Policy

Avineet Gowda Nanjappa
Yucheng Zhang

DOCTOR OF PHILOSOPHY

Afonso Cardoso do Amaral **

Varieties of National Protectionism: Essays on Firm Entry, Adaptive Regulation and Technology Differences During Global Shocks
Advisor(s): Erica Fuchs

Aaron Joseph Burns *

Modeling and Impact Assessment of Optimal and Dynamic Parking Management Systems and Hitchhiking Delivery Drones
Advisor(s): Jeremy Michalek, Constantine Samaras

Sheng Lun (Christine) Cao

Computationally Incorporating Human and Climate Uncertainties in Energy System Planning
Advisor(s): Destenie Nock

Richard Edward Dunning *

Factors Affecting Appropriate Reliance on Artificial Intelligence Decision Support Systems
Advisor(s): Baruch Fischhoff

Elina Sophie Hoffmann **

Technology, Institutions and Organizational Performance in Public Health and Climate Change Contexts
Advisor(s): Valerie Karplus

Nikhil Kalathil **

Industrial Mobilization for Crisis Response: The Role of Adaptive Situational Awareness, Short-Term Economic Dynamism and Regional Ecosystems
Advisor(s): Erica Fuchs

Daisuke Kawai *

An Empirical Analysis of the Cryptocurrency Ecosystem Toward Better Regulation and Supervision
Advisor(s): Nicolas Christin

Joanna Holly Slusarewicz

Air Quality Policy Outcomes at U.S. Coal Power Plants
Advisor(s): Valerie Karplus

INFORMATION & COMMUNICATION TECHNOLOGY

MASTER OF SCIENCE

Engineering Artificial Intelligence

Hassan Ali Moutaman Abdelmagid
Mohammed Hardi Abdul Baaki **
Taiwo Adekoya
Emmanuel Amankwaa Adjei
Agnes Lynn Ahabwe
Miracle Olakunle Akanmode
Akeem Lanrewaju Akinyoola
Fisha Mehabaw Alemayoh
Ngoga Alexis
Chinonso Cletus Amalaha
Hubert Apana **
AyeBILLA Avoka **
Martins Olabisi Awojide
David Bamikole
Mujtabaa Bashir
Yeabsira Tadesse Bekele
Ellon Solomon Berhanu
Atabonfack Lorier Bernes **
Samuel Chol Buol
Nirel Kadzo
Nsanjimbura Jean D'Amour
Gedion Teshome Disassa
Brian Ebiyau **
Wilson Ejulu
Heran Semere Equbay
Jean Felix Ganishuri
Niyibigira Geredi
Gihozo Landelin
Birhanu Shimelis Girma **
Hadgu Haftom
Harerimana Kevin

Tewodros Kederalah Idris

Ifeanyi George Igwegbe
Nasiru Iliya
Ingabire Clemence
Ahmed Tahiru Issah
Ibrahim Olaide Jimoh
Mouna KandeKwe
Meshack Karori
Adebayo Keji Abdulganiyu
Brian Kipkirui
Claude Kwizera
Lokossou Romerik
Mona Mamoun Mubarak Aman
Mark Phillip Matovic
Serge Mayala
Meshach Selnan Michael
Melinda Tatenda Mudzurandende
Amon Muhairwe
Arthur Noa Mukwaya
Dirac Mukongya Murairi
Christine Nyaguthii Muthee
Mugo Mwaura
Bienvenu Kaboba Ndayambaje
Kelvin Nderitu
Joseph Antonio Fitozo Nelson
Elvis Nishimwe Ndabaye
Schadrack Niyibizi **
Leonard Niyitegeka
David Enoabasi Nottidge
Moranga Delphine Nyaboke
Lyria Keriane Nzabampema
Damilare Emmanuel Olatunji **
Otitodilichukwu Excel Omeje
Onyonka Clifford F. Osano
Mansour Hassan Osman Abdelwahid
Daniel Gbenga Owolabi **
Mboh Bless Pearl Nchongboh **
Carmel Prosper Sagbo **
Silas Sangmin
Shumba Noah **
Nebiyu Elias Talefe
Takudzwa Talent Tarutira
Udahemuka Jules
Liliane Uwimana

Information Technology

Abraham Junior Abbey
Abijuru Kamikazi Marie Cynthia
Scovia Achan
Oluwole Adewumi Adewusi
Adjovi Mahounan Pericles
Emmanuel Tega Agbragu
Ahmad Ahmed
Peter Ahumuza **
Kafui Akpalu
Tomisin Alex-Aina **
Muhammad Aliyu

Joel Sokoyebom Anyam
 Emmanuel Odenyi Anyira
 Stephen Augustine Tipa
 Auvagha Jerry Benjamin
 Yann Vladimir Bajeneza
 Bivegete Shema Rodrigue Kevin
 Abel Tessema Chamisso
 Isimbi Aimable Cherif
 Cyuzuzo Pascal
 Bwiza Dalia
 Bagirishya Rwema Dominique
 Roland Dunee
 Roy Ngu Esibe **
 Joseph Oladimeji Fadiji
 Cyimana Faisal
 Yuyun Francis Berinyuy
 Tumwesige karara Fred
 Maurine Wanjiku Gatimu
 Brhane Giday Gebreegziabher **
 Bulambo Mwendelwa Gloire
 Clement Robert Habimana
 Pachat Pacifique Hategekimana
 Igiraneza Ishimwe Nicole
 Kaiza Francis Ilomo
 Jean Pierre Imanirumva
 Emma Sylvine Ingabire Ishimirwe
 Jacques Iragena
 Ishimwe Christian
 Francois Regis Ishimwe
 Ishimwe Robert Peace
 Isingizwe Clarisse
 Ivan Iyamarere
 Niringiyimana Jean D'amour
 Mukashema Jeannine
 Samuel Ebimobowei Johnny
 Tamunosiki Oba Joshua
 Martha Kachweka
 Kananura Manzi Justin
 Karera Chryssie
 Karera Olivier
 Karim Kasaija
 Triphonia Shangwe Kilasara
 Christopher Cofie Kuzagbe **
 Taban Charles Lemi
 Daniel Ephraim Maduhu **
 Samuel Malum
 Alvin Manzi
 David Norman Amatey Masoperh
 Monalisa T. Mbilinyi
 Mboneko Resire
 Assynath Thompson Mlay
 Stephen Nyang'W Mokoro
 Wallace S. Msagusa
 Jackson Mudoko
 Issa Mugisha
 Mugunga Diane
 Mugwiza Ruffin

Callixte Muhawenimana
 Jean Bosco Muhindangiga
 Fulgence Muhirwa
 Fabrice Mukarage
 Jimmy Mukasa
 Jules Maurice Mulisa
 Amelie Mumararungu
 Munyaneza Kenny Roger
 Murashi Hussein
 Musanga Sally Kabole
 Juvenalis Mujivane Musungu
 Mutsinzi Eric
 Abdallah Muvunyi
 Mwanje Mike
 Kenneth Mwebesa
 Rhiana Latifah Nakalembe
 Yesse Jean Lini Ndahigeze
 Walterkirika Ndegwa
 Ndenzako David Craig
 Ndizihiwe Simon Pierre
 Daniela Ntunguru
 Njodzeka Ulrich Ndzerem **
 Ngoh Rodney Amah
 Gabriel Nishimwe
 Gilbert Niyongere
 Niyonshuti Nkundineza Prince
 Nkubito Joseph
 David Nkundineza
 Divine Nkurunziza
 Nshuti Elise
 Nwankwo Chukwunonso Michael
 Ramadhan Nyirigondo
 Nzabakira Floris
 Nzambazamariya Odile
 Chiamaka Juliet Ohaji
 Samalie Piwan
 Hakizimana Uwizeye Placide
 Ezekiel Ponde
 Rugero Olsen
 Rukundo Gad
 Rurangwa Fidele
 Simon Pierre Rusekeza
 Rutaremara Wilson
 Arnaud Rwabahizi
 Sauda Salehe **
 Idaya Seidu
 Ibrahim Sheikh **
 Abideen Tunde Shittu
 Shumbusho Edgar **
 Shami Sion
 Greenfield Obasi
 Yvan Masnel Tefiang Ngatia
 Edison Tusufu
 Tuyishimire Neza David
 Innocent Twagirimana
 Godbright Nixon Uiso
 Umubyeyi Aline

Nadine Uwajeneza
 Uwamahoro Joyeuse
 Pauline Uwase
 Ukundiwabo Uwera Jeanne Aline
 Adeline Uwibambe
 John Uwimana
 John Gachihi Waithaka
 Peter Wauyo
 Mandela Wilson
 Peter Yefi
 Julius Dona Zannu

INFORMATION NETWORKING INSTITUTE

MASTER OF SCIENCE

Artificial Intelligence Engineering - Information Security

Dimitrios Bakalis **
 Sreenidhi Ganachari **
 Elijah Omari Higgs **
 Tong Hu **
 Haoxuan Li **
 Zhongan Liu **
 Chengyang Song **
 Samhitha Srinivasan
 Zonglin Wu **
 Junwei Xiong **

Artificial Intelligence Engineering - Information Security - Advanced Study

Jiajun Gu
 Zihui Liu
 Yimeng Wang
 Yimei Wu
 Yunfan Yang
 Yang Zhao

Information Networking

Emaan Mujahid Abbas **
 Rohit Bangalore Madhusudhana **
 Jingru Chen **
 Qianchen Chen **
 Yitong Chen **
 Ved Sadashiv Dandekar **
 Akira Deng **
 Chenhong Ding **
 Prashanth Duvvada
 Zhidong Guo **
 Dhruv Nirmal Jain **
 Guowei Jiang **
 Shubhangi Sushilendra Khasnis **
 Yash Kothari **
 Sai Jaydeep Kudumula **
 Chenhong Liang
 Haixin Lin **

Shuning Lin **
 Jiaye Liu **
 Kaiyuan Liu **
 Siyao Lu **
 Jiaxin Luo
 Xi Mao **
 Sowjanya Meenakshisundaram
 Ashwin Nayak Ullal **
 Jingyan Niu **
 Linze Shi **
 Jinhua Song **
 Ao Wang **
 Peiqi Wu **
 Yuexin Wu **
 Ruoting Xia **
 Zimo Xiao **
 Yingze Xie **
 Jun Xing **
 Fei Xiong **
 Hanyu Xu **
 Hongmeng Yang **
 Jialin Yu
 Ye Yuan **
 Dongzhi Zhang **
 Yufei Zhao **
 Xintong Zhou **
 Chuyan Zhu **

Information Networking - Advanced Study

Minyu Cai
 Guan-Ru Chen
 Yizhou Chen
 Yifan Guang
 Enxu Han
 Rui Huang **
 Yu-Ting Huang
 Junshang Jia
 Darshil Dhirajlal Kaneria
 Zhiping Liao
 Siyuan Lin
 Yifan Lin
 Bohan Liu
 Ke Mi
 Robert Benjamin Osborne
 Kshitij Rana **
 Chia-Tse Shao
 Karan Pratap Singh
 Tianyin Wang
 Yuchen Wang
 Xiaoheng Xia
 Ruiqi Yan
 Jinyan Zhu

Information Networking - Applied Advanced Study

Erzheng Fu **
 Victor-Haoyang Lian **

Dongfang Ling **
 Yuchen Liu **
 Haoxi Zhang **

Information Security

Varun Agarwal **
 Jai Chauhan
 Hayden Diaz Figueroa **
 Quinn Anthony Henry **
 Adam Alfred Hunt **
 Tharshith Goud Jadapalli **
 Daniel D. Kim **
 Zhuohao Liu **
 Isabella Montoya **
 Gopalakrishnan Prakashkrishnan **
 Mohammed Rayyan Shaikh **
 Shyla Sharma **
 Varun Nilesh Surana **
 Prashant Thirumal **
 Maansi Tyagi **
 Kiranbaskar Velmurugan **
 Qi Wu **

Information Security - Advanced Study

Michalis Antoniadis
 Rohil Chaudhry
 Yuxiang Fan **
 David Milton Gaviria
 Sahil Sachin Gupte
 Abdullah Adnan Kaki
 Jacob Alexander Kenny
 Zhiyue Lyu
 Taylor Wayne McCampbell
 Yifei Pang
 John Stockwell Samuels II
 Rohan Viswanathan
 Peitong Zhu

Information Security - Applied Advanced Study

Ryder Khoi Daniel **
 Nimish Yadav *

Information Technology - Information Security

Kehinde Omotola Adebayo **
 Samridhi Agarwal **
 Riyaz Rafi Ahmed **
 Chinomso Amamuife Ashiogwu **
 Pau Balcells Sanchez **
 Maria Ann Balega **
 Skanda Srinivasa Chakkirala **
 Prachi Jitendra Doshi **
 Aditya Vinod Giri **
 Lanting Hou **
 Mayuresh Joshi **

Dhvani Hemish Kapadia **
 Jianjun Lang
 Yangmin Li **
 Alvaro A. Luna **
 Sree Pragna Machupalli **
 Rajath Mahendrappa Kotyal **
 Wenyi Qian **
 Ayako Sasaki **
 Nithisha Shivakumar **
 Yashashvi Harshad Thakur **
 Natasha Stephanie Timothy **
 Yifei Wang **
 Qinyuan Wu **
 Yen-Yun Wu **

Information Technology- Information Security - Advanced Study

Haoteng Chen
 Disha Achal Date
 Bhavesh Sunil Dhake
 Darshil Ashish Kikani
 Zihan Qiu
 Aditya Priyadarshi Sudhansu **
 Surya Teja Togaru
 Irtasam Ali Wains **

Information Technology- Information Security - Applied Advanced Study

Fivos Allagiotis **

Mobile and Internet of Things Engineering

Chenhao Guo **
 Junfeng Jin **
 Szu-Yu Lee **
 Lanfei Ma **
 Venkata Sahithi Maddula
 Virgile Franck Alain Regis
 Rapegno **
 Xiaowen Shao **
 Jiongyun Sun **
 Zhewei Tong **
 Daijian Tu **
 Su Wang **
 Zelin Wang
 Wentao Wu **
 Yunzhong Xiao **
 Jiun-Chi Yang **
 Yiling Yuan **
 Yichuan Zhang **
 Chenyue Zhao **

Mobile and Internet of Things Engineering - Advanced Study

Yang Fei
 Yiying Jiang

Shubham Kachroo
Canwen Zhang

Mobile and Internet of Things Engineering - Applied Advanced Study

Junan Pan **
Taorui Wang

INTERDISCIPLINARY STUDIES

BACHELOR OF SCIENCE

General Studies

Gabriel Besada **
Minor: Engineering Studies
Katherine Casarrubias
Minor: Physics
Richel Seiko Deguzman Murata
Additional Major: Biomedical Engineering
Arjun Dev Zutshi
Minor: Engineering Studies

MASTER OF SCIENCE

Energy Science, Technology and Policy

Muhammad Abdullah Alreshoodi **
Mitchell Dean Bierman
Leah Bethany Buccino
Albert Chang
Anthony Rizkallah
Cassandra Deanne Savel

Energy Science, Technology and Policy - Advanced Study

Ahmad Salem Alqahtani
Nicholas Cooper **

Energy Science, Technology and Policy - Applied Advanced Study

Yash Santosh Chiplunkar **
Aarushi Tapan Dave **
Aditi Anand Iyer **
Fares Kammourieh **
Harsh Vaibhav Nallanthighal **
Shashank Swaminathan **
Adrian Jonathan Yosua **

Engineering and Technology Innovation Management

Rhythm Ajay Agrawal **
Aditya Sai Sandeep Reddy
Ankinapalli **
Akshay Bhandari **
Kebing Bi
Zhengao Chen **
Annesha De **
Chenwen Dong **

Namrata Gouri Galigari **
Goh Hong Pei **
Sushanth Vinjay Gundumalle **
Zhenwen He
Yu Jiang **
Yating Jiao **
Abdulqader Koshak **
Tejaswi Lella **
Sebastian Levy
Jialong Li **
Fangqi Liu
Guoliang Lyu **
Rongyue Ma **
Carlos Leonardo Mahecha Parra **
Arnav Milind Mulge **
Vidhyashree Murugesapandian **
Vismitha Narayanaswamy **
Shinjiro Oike
Satish Kumar Patchipulusu **
Hanying Qiao **
Yu Qin **
Parmeet Singh Saluja **
Dinesh Kumar Sangadi
Sahil Jignesh Shah **
Sanzhar Shakarim **
Hariharan Sivaramakrishnan **
Ayush Srivastava **
Meenakshi Subramanian **
Akash Sulu **
Divyanshi Tyagi **
Anwaya Parag Wadnerkar **
Xulin Wang **
Wesley Grant Webb **
Fei Xia **
Shuwei Xu **
Jiayue Yang **
Xun Yang **

MATERIALS SCIENCE & ENGINEERING

BACHELOR OF SCIENCE

Materials Science and Engineering

Ahmed E. Abdelhameid
Alec Tyler Bender
Minor: Electronic Materials
Dimitrios Broumas
Minor: Game Design
Rahmir I-Maar Burrell
Additional Major: Biomedical Engineering
◆ Melinda Morgen Chen
Minor: Computer Science
◆ Michael Chen
Minor: Electronic Materials
◆ Victor Chiu
Additional Major: Biomedical Engineering
David Dahvin Cho-Jung
Haqq Mohamed Coulibaly
Minor: Physics

◆ Norah Elizabeth Czajka
Additional Major: Biomedical Engineering
◆ Jennifer De La Torre
Mable Dong
Minor: Product Management
Alexander Anna Echols
◆ Katherine Grace Eisenman
Additional Major: Engineering and Public Policy
Minor: Electronic Materials
◆ Julea Farchione
Lauren Gabrielle Fitzwater
Minor: Additive Manufacturing
Samuel Isaiah Franco
◆ Zimo Ge
Additional Major: Biomedical Engineering
Minor: Business Analytics and Optimization
◆ Sara Ann Gibson
Additional Major: Biomedical Engineering
Minor: Gender Studies
◆ Justin Shalom Guo
◆ Eileen Lien Hung
Additional Major: Engineering and Public Policy
Minor: Decision Science
◆ Grace Suen-Ying Kam
Additional Major: Biomedical Engineering
Kyung-Hwan Kang
◆ Emelia Keely
◆ Riti Krishna
Additional Major: Biomedical Engineering
◆ Jay Scott Kunselman
◆ Ellen Ma
◆ Phylcia Ma
Minor: Business Administration
◆ Shagun Maheshwari
◆ Hannah Joy McCutcheon
◆ Brandon Mercado
Additional Major: Biomedical Engineering
◆ Isabelle Josefina Millan
Additional Major: Biomedical Engineering
Cassius Nelson
Aaron Theodore Newell
Additional Major: Biomedical Engineering
◆ William Boru O'Brien
Additional Major: Biomedical Engineering
◆ Nandita Rai
Additional Major: Biomedical Engineering
◆ Alexandra Reyes **
Additional Major: Biomedical Engineering
◆ Carmen Sagnier Sanmartin
Additional Major: Biomedical Engineering
Caitlyn Milagros Santiago
Additional Major: Biomedical Engineering
Minor: Design for Learning
◆ Keya Sharma
Additional Major: Engineering and Public Policy
◆ Sandra Liza Shefter
Additional Major: Biomedical Engineering
◆ Yufan Shi
Minor: Design
Leena Yejin Shin *
◆ Josiah Peter Shuman
Minor: Innovation and Entrepreneurship

- ◆ Allison Elizabeth Silva
Additional Major: Biomedical Engineering
- ◆ Avery Morgan Tompkins
Additional Major: Biomedical Engineering
- Ria Vijayvargiya *
- ◆ Tracy Feng Wan
Additional Major: Biomedical Engineering
- ◆ Reece Carolann Whatmore
Seth Robert Williams
Additional Major: Biomedical Engineering
- ◆ Abigail Shenyu Wong
Additional Major: Engineering
and Public Policy
- ◆ Katherine Wu
Additional Major: Biomedical Engineering
- ◆ Alexander Rong Zhao
Minor: Computer Science
- Ruoyi Zhao
Additional Major: Biomedical Engineering
Minor: Architecture

MASTER OF SCIENCE

Additive Manufacturing

Cameron Michayla Drewery

Artificial Intelligence Engineering - Materials Science and Engineering

Akshat Ravi Chaudhari **
Xianyang Chen **
Hung-Yi Lin **
Tianhao Zhang **

Computational Materials Science and Engineering

Hantian Liu

Materials Science

Yang Bai
Achuth Chandrasekhar
Hintsa Fisseha Hishe **
Viswesh Prakash
Jiahao Wang **

Materials Science and Engineering

Merajul Haque Ansari
Jeremy Drew
Mehmet Can Dursun
Alexander Richard Echtler
William Thomas Lupos Ferguson
Lukas Damien Glist
Justin Shalom Guo
Ece Gunay
Hailey Elizabeth Hall
Hasan Al Jame
Jason Keith Heitler-Klevans Kramer
Jay Scott Kunselman
Brian Landreth **
Rongchen Li
Claire Marlowe
Sona Marukyan **

Jinyi Ouyang
Rafaela Rezende Vieira Rapalo
Carlo Antonio Schettini Mejia
Thuy Thi Bich Tran
Po-Sen Tseng
Benjamin Xu

DOCTOR OF PHILOSOPHY

Evan Adcock
Investigation of Ti-6Al-4V Microstructure
Development with Variable Cooling
Rates in Laser Powder Bed Fusion
Advisor(s): Anthony D. Rollett

Neeha Dev Arun **
Shear-Induced Fiber Alignment in
Synthetic and Biological Systems to
Enhance 3D Anisotropic Properties
Using FRESH 3D Printing
Advisor(s): Adam Feinberg

Andrew Aumen **
Fermi Level Engineering in Yttrium and
Vanadium Co-Doped BaTiO₃ for Use in
Multi-Layered Ceramic Capacitors
Advisor(s): Elizabeth C. Dickey

Derek Paul Dardzinski **
Exploring Properties of Surfaces and
Epitaxial Interfaces Through Combined
First-Principle and Empirical Simulations
and Advanced Software Tools
Advisor(s): Noa Marom

Charles Evans
Characterizing the Structure of
Highly Alloyed Electroceramics
Advisor(s): Elizabeth C. Dickey

Samuel A. Gershanok
Neuromuscular Recovery Through
Integrated Bioelectronic Interfaces
Advisor(s): Itzhaq Cohen-Karni

Seonghwan Hong *
Grain Boundary Chemistry and Space-
Charge Potentials in Co-Doped BaTiO₃
Advisor(s): Elizabeth C. Dickey

Lai Jiang *
Characterizing an Effective Magnetic
Field During Asymmetric Creep Motion
of Dzyaloshinskii Domain Walls
Advisor(s): Vincent Sokalski

Venkata Satya Surya Amaranth Karra
Additive Manufacturing of Tungsten
and Tungsten Alloys for High
Temperature Applications
Advisor(s): Bryan Webler

Nicholas L. Lamprinakos
Investigating Microstructure, Texture
and Mechanical Properties in Haynes 282
Manufactured by Laser Powder Bed Fusion
Advisor(s): Anthony D. Rollett

Inkyu Lee
The Rational Design and Deployment
of Electrocatalytic Oxygen Generating
Platforms and Their Applications
in Biomedical Engineering
Advisor(s): Itzhaq Cohen-Karni

Spencer Matonis *
Edible Origami for Intestinal-
Retentive Medical Devices
Advisor(s): Christopher Bettinger,
Zeynep Temel

Vivekanand Muralikrishnan *
The Roles of Grain Boundary
Energy and Curvature on Grain
Growth in SrTiO₃ Polycrystals
Advisor(s): Amanda R. Krause

Guannan Tang **
Combat Hot Cracking in
Additive Manufacturing
Advisor(s): Anthony D. Rollett

Zachary Varley *
Algorithms for Crystallography in
the Scanning Electron Microscope
Advisor(s): Marc De Graef,
Gregory S. Rohrer

Xinsheng Wu *
Manganese Based Low-Cost
Battery Systems for Scaled-Up
Energy Storage Applications
Advisor(s): Jay Whitacre

Ke Zhong *
Dynamics and Phase Behavior of Active
and Self-Fusing Material Systems
Advisor(s): Mohammad F. Islam,
Lining Yao

MECHANICAL ENGINEERING

BACHELOR OF SCIENCE

Mechanical Engineering

- ◆ Mahirah Alam **
Minor: Business Administration
Minor: Human-Computer Interaction
- ◆ Eladio Ruben Andujar Lugo
- ◆ Marianne Kaitlyn Baiden
Minor: Philosophy
Minor: Soft Technologies
- ◆ Kathryn Grace Barnes
Minor: Materials Science and Engineering
- Jordi Bejar
Minor: Computer Science
Minor: Robotics
- ◆ Parth Bhargava
- ◆ Jude Bissonette
Additional Major: Engineering and Art
- ◆ Huit Blackmon
Minor: Computer Science
- Belle Elizabeth Blanchard **
Minor: Environmental and
Sustainability Studies
Minor: French and Francophone Studies
- Olu-Banke Boakye-Yiadom
- ◆ John Charles Bosnyak II
Minor: Robotics
- ◆ William James Boucuvalas
- ◆ Amari Emmanuel Kofi Boxill
Additional Major: Robotics
- Keith James Boyle
- Tjaden Rahkeem Bridges
- ◆ Elle Grace Brough
Additional Major: Biomedical Engineering
- ◆ Eleanor Adelheid Burckhardt
Minor: Soft Technologies
- Xavier Butters
- ◆ Audrey Chen
- ◆ Tianle Chen
Minor: German Studies
- ◆ Melody Maiemaie Chu
Minor: Design
Minor: Human-Computer Interaction
- ◆ Sophie Dylan Clarke
Additional Major: Biomedical Engineering
- ◆ Emily Elizabeth Copus

- ◆ Giovanni Alessandro Coraluppi
- ◆ Robert Daniel Coury **
Minor: Biomedical Engineering
Minor: Business Administration
- ◆ William Joseph Curvan
Izabella Anna De Reno
Catherine Lora Deng
- ◆ Samantha Ka Yun Der
Minor: Music
Paul Dreyer *
- ◆ John Harmon Duncan
Elliot Maxwell Escalante
Minor: Military Strategy and
International Relations
- ◆ Ethan Feshold **
Minor: Computer Science
Elizabeth Caitlin Flaherty
Francesco Paolo Fortunelli
Emily Ann Getty
Minor: Robotics
- ◆ Mateus Pereira de Assis Gondinho
- ◆ Samuel Lukas Dunseith Green
Additional Major: Biomedical Engineering
- ◆ Ben Gu
- ◆ Travis A. Gurley
- ◆ Jillian Rivera Haguian
Minor: Biomedical Engineering
- Apsora Haque
Kendall Nicole Hart
Minor: Robotics
Julia Claire Hoffman **
Minor: Robotics
Katherine Wan-Yu Horng
Matthew William Hyatt **
Minor: Robotics
- ◆ Shweta Rajesh Iyer
- ◆ Sarah Elizabeth Jensen
- ◆ Ariana Kasperski
Jocelyn Marie Kiefel
Minor: French and Francophone Studies
Gyuri Kim
- ◆ Sean Dong-gun Kim
Additional Major: Artificial Intelligence
- Nathaniel Walton Kirk
- ◆ Jack Grant Laird
Annabel H. Lee **
Minor: Business Administration
- ◆ Chun Fai Thomas Lee
Additional Major: Robotics
Minor: Business Administration
- ◆ Ellen Ahrum Lee
Minor: Design
- ◆ Yohannes Getachew Legesse
- ◆ Mandy Lin
Minor: Additive Manufacturing
- ◆ Maverick Loria-Sklar
Additional Major: Biomedical Engineering
Dillon Ma
- ◆ Lauren Elizabeth Meyers
Minor: Robotics
- ◆ Xavier Freedom Migliaccio
- ◆ Evelyn Chao Miller

- Andrew Thomas Miller-Peterson
Additional Major: Biomedical Engineering
- Jonathan Thomas Milloway
Tanvi Mittal
Additional Major: Biomedical Engineering
- Marissa Victoria Montadas
Minor: Biomedical Engineering
- ◆ Daniel Na
- ◆ Paul Manuel Wilcox Neira
Thanh Duc Nguyen
Victoria Quynh Nguyen
Additional Major: Biomedical Engineering
- ◆ Hannah Eun Joo Noh
Minor: Music
- ◆ Micah Connor Nowlin
Minor: Business Administration
- ◆ Catherine Man-Yee Or
Minor: Robotics
- ◆ Carl Henry Otten
Parker Charles Owens
Minor: Business Administration
Alisha A. Patel
Minor: Business Administration
Minor: Robotics
Henry Cahill Perine
Jordan Alexa Petzold
Minor: Robotics
- ◆ Andrea Alexandra Piraneque
Ocampo
Fernando Plata
Steven Donald Powell
John Protano
Amanda Nicole Riddle
Additional Major: Biomedical Engineering
- ◆ Lewis James Rockwell
- ◆ Evan James Roper
Minor: Business Administration
- ◆ Meroushka Tess Rosner
Minor: Physics
Hanna Marie Sabbagh
- ◆ Smitanan Sangkagoon
- ◆ Shreya Saraf
Minor: Robotics
- ◆ Qihang Shan
Minor: Business Administration
Minor: Robotics
- ◆ Catalina Y. Sieh
Colby Gabriel Sisco
Mitchell William Stokey
- ◆ Summer Dharam Sun
Additional Major: Biomedical Engineering
- Mary Elizabeth VanTol
- ◆ Rongrong Wang
- ◆ Wanyi Wang
Additional Major: Business Administration
- Kemp Kolonay Winkler
Additional Major: Engineering
and Public Policy
- ◆ Lara Michelle Witwick
- ◆ Jessica Wu
Minor: Soft Technologies
- Maristella Yim
- ◆ Megan Yuelan Ying

- Andrew Youn **
Additional Major: Computer Science
- ◆ McKenzie Borghjid Young
- ◆ Crystal Zhou
Additional Major: Biomedical Engineering

MASTER OF SCIENCE

Artificial Intelligence Engineering - Mechanical Engineering

- Jonathan Hakim Ali
- Michael Chase Allen
- Akshay Badagabettu **
- Jonathan Chan **
- Reid Graves
- Nikolaj Lunde Hindsbo **
- Jeremy Kilbride
- Qianxi Kong **
- Shawnak Krishnan
- Vignesh Sujith Menon **
- Chad Austin Merrill **
- Nishanth Mohankumar **
- Pratik Satija **
- Aayush Nikesh Shah **
- Alexis J. Sudjianto **
- Brandon Woodward
- Sai Sravan Yarlagadda **
- Eric Zhao

Computational Design and Manufacturing

- Samaksh Judson **
- Sriya Nallani Chakravartula **
- Zhihao Zhang **

Mechanical Engineering

- Daniel Rolando Acevedo
- Tanner Jackson Aikens
- Bashu Aman **
- Zhenhao An **
- Tahseen Ahsan Arefeen
- Leo S. Badaker **
- Manali Badwe
- Kebing Bi
- Ishan Binu Sainudeen
- Gabriel Max Botero *
- Kiera Grace Jude Boucher
- Andrew D. Burns
- Hunter James Campbell **
- Toygun Cetinkaya **
- Mukundan Chariar
- Junhan Chen **
- Robert Daniel Coury
- Luis Fernando Cuenca
Carrasquedo **
- Pravir Das
- Richard Donald Desatnik
- Han Ding
- Jason Easterling *

Anuhya Edupuganti **
 Olivia Kate Kwong Ehrman
 Kara Johanna Ferner **
 Arnav Garcha
 Santiago Alberto Gomez
 Trevor Denzo Grant
 Megan Barbara Groppe **
 Eric Andrew Grynberg
 Ahmed Alsadig Gurafi
 Elena Margaret Harllee
 Robert Joseph Holmes
 Darion Sawlar Homayoon
 Tianyi Huang **
 Erica Iizuka **
 Md Shariful Islam **
 Alexander Ivanov
 Sarah Elizabeth Jensen
 Joon Goo (Jacob) Kang **
 Ariana Kasperski
 Nathaniel Adam Klein
 Regan Kubicek *
 Joseph Daniel Kuhl
 Shwetha Sunil Kumar **
 Manuel Lancastre
 Ellen Ahrum Lee
 Sebastian Levy
 Qiyuan Li **
 Yuxing Liang **
 Zijuan Liang **
 Akshay Minocha **
 Samarth Mehul Modh
 Nadim Y. Motaghedi
 Ryan Christian Nagle **
 Methu Dev Nath
 Micah Connor Nowlin
 Christopher Seok Min Oh
 Lauren Rose Parola **
 Fausto Nicolas Pasmay Ramirez **
 Carlos Javier Peralta
 Gabriel Augusto da Silva Prado
 Vedant Puri
 Tiara Rathi
 Laura Maria Reichard Cara **
 Christopher Evan Runyan
 Mauricio James Saavedra
 Nathaniel Carlos Salazar
 Mason Sanfilippo **
 Samantha Chiyo Sanyal
 Diederik-Paul Schlingemann **
 Yusuf Mert Senturk **
 Ria Sharma **
 Anya Singhal *
 John Francis Skunakis **
 Justin Uriel Soza Soto
 Hilton Alexander Stallworth
 Jackson Everest Trone
 Craig Muguerza Weeks

Oscar Henry Wilcox
 Adrian Luis Williams
 Wing Tung Wong *
 Wenzhuo Xu *
 Prakarsh Yadav **
 Andrew H. Yang **
 Aviva Lauren Young
 Logan James Young
 Fayyad Muyiz Zakaria **
 Amelia F. Zaripova **
 Elizabeth Zhang
 Yibai Zhong **
 Yuqi Zhou **

Mechanical Engineering - Advanced Study

Denis Kaan Alpay **
 Lameck Ajuang Beni
 Giovanni Alessandro Coraluppi
 Yuao Cui **
 Hao Ding **
 Paul Dreyer
 Abirami Elangovan **
 Dominique A. Escandon Valverde **
 Yanen Huang **
 Jaren Paul Hubal **
 Sasha Eloisa Kroman
 Chenxiang Li **
 Param Pitroda **
 Atharva Shrikrushna Pulujkar **
 Kruti Subha Rachapudi **
 Khalel D. Robinson **
 Benjamin Milton Drengler Spin **
 Jianhao Tang **
 Scott Wade **
 Junming Wang **
 Tianqi Yu **
 Jiachen Zeng **

Mechanical Engineering - Applied Advanced Study

Aziz Yusuf Bhetasiwala **
 Leonardo Campeggi
 Shlok Nayan Desai **
 Mufaddal Gheewala **
 Jiamang Huang **
 Rayhan Ishak **
 Kaustubh Dattatray Kuvalekar **

Mechanical Engineering - Research

Vasvi Agarwal
 Vishnu Vardhan Badam
 Aditya Vilas Bharambe
 Arvind Car
 Sahil T. Chaudhary
 Yiming Chen
 Naman Choudhary

Selam Gano
 Sparsh Garg
 Aatish Gupta
 Woongseok Han
 Xinming Han
 Kaifeng Hu
 Yutong Huang
 Tariq Anwaar Jaheer Hussain
 Arushi Jain
 Hanyu Jin
 Ye Jin
 Adithya Kameswara Rao
 Karthik Karumanchi
 Ashley Nicole Kline
 William Kraus
 Jierui Li
 Zijie Li *
 Ishan Shivanand Mamadapur **
 Abdulhamid Mathkur
 Richa Mohta
 Bryce Milburn Richard
 Srecharan Selvam
 Yashraj Shanker
 Shreyansh Sharma
 Haoyu Shen
 Amey Ajaybhai Sheth
 Vedant Singh
 Karla Soto Cuevas
 Ibrahima Sory Sow **
 Karthik Subramaniam
 Syed Abdul Hannan **
 Yonghan Tang
 Graciela Vargas Roque
 Gerardo Vega
 Haohui Wang
 Qihan Wang
 Avery Sonora Williamson *
 Wei-Huan Wu
 Yuchen Wu
 Yixuan Xia
 Qianqian Yang
 Sirkhoo Yun
 Kaixin Zhan **
 Xilun Zhang **
 Ziyi Zhang
 Yixuan Zhao
 Shixin Zhou

DOCTOR OF PHILOSOPHY

Akash Rajesh Agrawal *
 Enhancing Efficiency and Stability
 of Configuration Design Agents with
 Multi-Fidelity and Heuristic Rewards
 Advisor(s): Chris McComb
 D. Sebastian Arias Roldan
 Redefining Boundaries in DNA
 Nanotechnology: Complexity,
 Control and Accessibility
 Advisor(s): Rebecca Taylor

Bolutito Babatunde **

Investigating a Flexible Framework for Automating Structural Multilayer DNA Origami Designs

Advisor(s): Jonathan Cagan, Rebecca Taylor

Toygun Cetinkaya **

Precision Micro-Manufacturing of Soft and Stretchable Electronics and Biomedical Systems

Advisor(s): Burak Ozdoganlar

Yu-Hsuan Chen

Geometric Representation Learning for Accelerated Design Analysis in Data-Scarce Environments

Advisor(s): Jonathan Cagan, Burak Kara

Xianyi Cheng *

Contact Interactions for Robot Dexterity

Advisor(s): Matt Mason

James D. Cunningham *

Learning Cascade Defense Strategies in Large-Scale Graphs

Advisor(s): Conrad Tucker

Kevin Michael Ferguson

Data-Driven Geometric Field Prediction Methods and Engineering Applications

Advisor(s): Burak Kara

Brian Gentry *

Developing Modeling Capabilities to Assess Health Outcomes of Air Pollution

Advisor(s): Albert Presto

Alexander C.G. Gourley

Ceramic Additive Manufacturing Cross-Process Parameter Refinement

Advisor(s): Jack Beuth, B. Reeya Jayan

Akshay Ashok Hinduja *

Underwater Localization and Mapping for Cost-Effective Robots

Advisor(s): Michael Kaess

Chunshan Hu **

Towards Three-Dimensional Electronic Devices via Aerosol Jet Printing: Fabrication Studies, Mechanistic Understanding and Application

Demonstration in Energy Storage

Advisor(s): Rahul Panat

Peide Huang **

Co-Evolving Environments and Agents for Physical-World Deployments

Advisor(s): Ding Zhao

Sanjida Akter Jahan **

Gold CMU Array: Fabrication via Aerosol Jet 3D Printing, Characterization and Testing in Resected Human

Brain and Rat Spinal Cord

Advisor(s): Rahul Panat

Hyeonggyun Kim **

Electrically Switchable Metasurface Using Microheaters and Phase-Change Material

Advisor(s): Sheng Shen

Sunhye Kim *

Characterization of Non-Traditional Urban Emission Sources Utilizing a Mobile Laboratory

Advisor(s): Albert Presto

Zijie Li

Efficient Deep Learning Models for Physics Simulation

Advisor(s): Amir Barati Farimani

Ashlee Shiueh Ni Liao *

Towards Organic Controls and Actuation: Techniques for Manipulating Neuron and Muscle Cultures for Biohybrid Systems

Advisor(s): Vickie Webster-Wood, Jessica Zhang

Jiawei Liu **

Engineering Enhanced Catalyst Layers Through High Oxygen Permeability Ionomers: A Systematic Study of Material

Properties, Processing Parameters and Performance in PEMFCs

Advisor(s): Shawn Litster

Xiu Liu **

Photonic Metadevices for Thermal Infrared Emission: Toward

Coherence, High-Speed Modulation and Pixelated Arrays

Advisor(s): Sheng Shen

Cooper Delaney Lorsung

Pretraining and Transformers for Accelerating Solutions to Partial Differential Equations

Advisor(s): Amir Barati Farimani

Mohammadkazem Meidani **

Machine Learning for Symbolic Mathematics and Physics Discovery

Advisor(s): Amir Barati Farimani

Alexander Joshua Myers

Additive Manufacturing Melt Pool Physics Understood Through the Lens of Two-Color Thermal Imaging

Advisor(s): Jack Beuth, Jon Malen

Odinakachukwu Ogoke **

Deep Learning for Characterization and Control of Laser Powder Bed Fusion

Advisor(s): Amir Barati Farimani

John J. Payne **

State Estimation Techniques for Hybrid Dynamical Systems

Advisor(s): Aaron Johnson

Kuanren Qian

Neuron Growth and Neurodevelopmental Disorders Modeling with Isogeometric Analysis, Biophysics and Machine Learning

Advisor(s): Vickie Webster-Wood, Jessica Zhang

Guadalupe Quirarte

Melt Pool Thermal Imaging and Modeling for Laser Powder Bed Fusion Using the Two-Color Method

Advisor(s): Jon Malen

Peter Roberts Olcay

Soft, Conductive and Micropatterned Elastomeric Interfaces for Human Interfaces

Advisor(s): Carmel Majidi

Nataliya Rokhmanova **

Precision Haptics in Gait Retraining for Knee Osteoarthritis

Advisor(s): Eni Halilaj, Katherine J. Kuchenbecker

Saul Schaffer **

It's Alive! A Toolkit for Creating Biological Robots

Advisor(s): Vickie Webster-Wood

Yusuf Mert Senturk **

Reduction of Drill Wander in Electrochemical Drilling Process Through Magnetic Alignment

Advisor(s): Burak Ozdoganlar, Sheng Shen

Advisor(s): Vickie Webster-Wood

Dule Shu **

Deep Generative Models for Fluid Flow Modeling

Advisor(s): Amir Barati Farimani

Jorge I. Vasquez *

Context-Aware Surface Defect Detection in Reflective Objects

Advisor(s): Kenji Shimada

Michael R. Vinciguerra

Multifunctional Liquid Crystal Elastomers for Muscle Inspired Actuation

Advisor(s): Carmel Majidi, Lining Yao

Devarsh Mahendrabhai Vispute

Multiphysics Investigation of Thermomechanics and Ice Formation in Organ Cryopreservation

Advisor(s): Yoed Rabin

Shuo Yang **

Real-Time Optimization for Robust State Estimation and Control of Legged Robots

Advisor(s): Zachary Manchester

Ant Yucesoy **

Hybrid Microneedle Arrays for Intradermal and Transdermal Delivery

Advisor(s): Burak Ozdoganlar

Mason Zadan *

Stretchable Thermoelectric Devices for Wearable and Soft Robotic Applications

Advisor(s): Carmel Majidi

James Weiran Zhu **

Navigating a Complex World: Improving Robot Outcomes Through Social, Regulatory and Control Theoretic Approaches

Advisor(s): Aaron Johnson

College of Fine Arts

DEAN OF THE COLLEGE

Mary Ellen Poole

SCHOOL OF ARCHITECTURE

Omar Khan, Head of the School

SCHOOL OF ART

Charlie White, Head of the School

SCHOOL OF DESIGN

Eric Anderson, Interim Head of the School

SCHOOL OF DRAMA

Robert Ramirez, Head of the School

SCHOOL OF MUSIC

Ross Garin, Acting Executive Director

STUDENT-DEFINED MAJORS

M. Stephanie Murray, Senior Associate Dean
of Interdisciplinary Initiatives

ARCHITECTURE

BACHELOR OF ARTS

Architecture

Angela Yang Huang
Minor: Environmental and
Sustainability Studies

Zhuyun Jin **

Erika Litwin
Minor: Design

◆ Shiyue Liu
Additional Major: Human-
Computer Interaction

◆ Siyi Liu
Additional Major: Human-
Computer Interaction

◆ Nora Morlot
Additional Major: Environmental
and Sustainability Studies

Ternilla S. Robinson

◇ David A. Vargas
Minor: Human-Computer Interaction

◆ Jiawei Wang
Additional Major: Human-
Computer Interaction

◆ Xinran Yu
Additional Major: Human-
Computer Interaction

◆ Yanan Zhou **
Minor: Immersive Technologies
in Arts and Culture
Minor: Media Design

BACHELOR OF ARCHITECTURE

Architectural and Building Sciences - Technology

◆ Vanshika Bhaiya
Minor: Environmental and
Sustainability Studies

◆ Cunxiong Bi

◇ Neha Chopra
Minor: Architectural Design Fabrication

◆ Tzushan Chu
Additional Major: Creative Writing

◆ Carleigh Rose Cusick **
Minor: Drama
Minor: Engineering Studies

◆ Zihan Dong
Additional Major: Mathematical Sciences
(Computational and Applied Mathematics)

Beyazit Eraslan **

◆ Ziyi Feng
Minor: Game Design

◆ Emily Franco
Kaitlyn Michelle Hom
Minor: Business Administration

◆ Chengming Jia
Minor: Design

◆ Grace Pilar Kolosek
Minor: Design

Gloria Kayyoung Lee
Minor: Business Administration

◆ Jeffrey Haorui Li
Minor: Human-Computer Interaction

Taehyun Lim

◆ Adrienne Hin To Luk
Minor: Design

Oscar Monarrez

◆ Graham Patrick Murtha
Minor: Animation and Special Effects

◆ Eesha Reeya Nagpal
Minor: Psychology

◆ John Brody Ploeger
Rima Sachdeva
Minor: Business Administration

◆ Xuze Shao
Jiahui Situ
Minor: Business Administration

◆ Aidan Patrick Smith
Minor: Environmental and
Sustainability Studies

◆ Ashley Wang Su

◆ Alexia An Tan

◆ Akanksha Tayal
Minor: Gender Studies

◆ I Lok U
Minor: Animation and Special Effects

◆ Henry Edward Michael von Rintelen
Minor: Business Administration

◇ Andrea Wan
Minor: Architectural Representation
and Visualization

◆ Meilan Wang
Minor: Architecture History

Yue Xu
Minor: Soft Technologies

◇ Andrew Yoon
Minor: Business Administration

◆ Jackie Heiting Yu
Minor: Design

MASTER OF ADVANCED ARCHITECTURAL DESIGN

Advanced Architectural Design

Sejal Jain

Chuhan Xu

MASTER OF ARCHITECTURE

Architectural and Building Sciences - Technology

David Buck

Connor Dale Gates

Riddhi Sanjay Gugale

Benjamin Hao

Parikshit Paresk Kalavadia

Sparsha Reddy Kotha

Elizabeth N. Laman

Claire Genevieve Laux

Clara Ines Martucci

Laura Catherine Miles

Abirami Periakaruppan

Siddhant Sandeep Salvi

Mackenzie Marie Sorton

Daria Svintsova

MASTER OF SCIENCE

Building Performance and Diagnostics

Riya Malhotra

Computational Design

Tsz Wing Clover Chau
Zhaowei Chen
Shandon Jude Herft
Yiming Jiao
Sohyun Jin
Naeun Kim
Isaac Martinotti
Ziying Qi
Haoyi Wang
Qilin Wu
Yujin Wu
Junke Zhao

**Sustainable Design -
Advanced Studies**

Gabrielle Amelie Jeannette Benson
Yinxinyu Chen
Hannah Haytko-DeSalvo
Mohammed Zeeshan Sherif Kareem Sherif
Khevna Dharmesh Modi
Surabhi Henraj Rajput
Manya Sharma
Hetvi Kamal Sheth
Miaoyang Ye
Huawei Yu
Yaqiao Zhuang

MASTER OF URBAN DESIGN**Urban Design**

Sakshi Aparajit
Valeria Duque Villegas
Sagarika Kulkarni
Nakshatra Menon
Xuan Peng
Sindhu Prabakar
Jiaxi Wu
Yuhan Wu

DOCTOR OF PHILOSOPHY

Emek Erdolu **
Robotic Technologies and the Reconfiguration of Building Construction Work
Advisor(s): Daniel Cardoso Llach
Guanzhou Ji
Capturing, Editing and Relighting Indoor Scenes from a Single Panorama
Advisor(s): Azadeh Sawyer
Wei Liang *
An Automatic Mobile Sensing Platform for Indoor Environmental Quality Assessments
Advisor(s): Erica Cochran Hameen, Vivian Loftness, Pingo Tang, Ji Zhang
Jingyang Liu *
Space as Interface: A Computational Framework for Spatial Computing in Robotic-Assisted Construction
Advisor(s): Daniel Cardoso Llach

Sanaz Saadatifar **

Occupant-Centric Digital-Twin: An Interactive Real-Time Display, Influencing Human Perception Factor in Thermal Satisfaction Decisions
Advisor(s): Azadeh Sawyer

Kushagra Varma *

A 4D Interactive Carbon Emissions Dashboard: A Visualization and Assessment Tool for Urban Building Environmental Impact
Advisor(s): Erica Cochran Hameen, Kristen Kurland, Ellyn Lester, Vivian Loftness, Peter Scupelli

Yuning Wu **

A Human-Centered, Reinforcement Learning Driven Robotic Framework for Assisting Construction Workers
Advisor(s): Daniel Cardoso Llach, Jean Oh

ART**BACHELOR OF FINE ARTS****Art**

TreSean Darian Bayu Adji
Minor: Sonic Arts

◆ **Allina Ai ***
Minor: Film and Media Studies

◆ **Eleanor Hua Ying Berger**

◇ **Finnian Arlo Brooke**

◆ **Sophia Soo Yun Chao**
Minor: Design

◆ **Stella Isabel Davis ****

◆ **Meghan Rose Flathers**
Minor: Business Administration
Minor: Design

Jenna S. Gomes
Additional Major: Human-Computer Interaction
Minor: Computer Science
Takaaki Hugh Hara
Minor: Animation and Special Effects

◆ **Isaac Toussaint Hess**
Anna Hong
Minor: Animation and Special Effects

Ruifen Jin

◆ **Karny Karny**
◆ **Connie Haneul Kim**
Additional Major: Human-Computer Interaction
Minor: Animation and Special Effects

◆ **Eugene Kim**
Additional Major: Human-Computer Interaction

◆ **Seo Hyun Lee**
Minor: Innovation and Entrepreneurship
Minor: Photography

Bosi Li

◆ **Hong Yuan Lin**
Additional Major: Human-Computer Interaction

◆ **Emmanuel M. Lugo ***
Catherine Ma
Additional Major: Human-Computer Interaction

Charles Pirie Moodie

- ◆ **Arin James Pantja**
Additional Major: Human-Computer Interaction
- ◆ **Thon Promlikitchai**
Additional Major: Technical Writing
- ◆ **Natalia Cecilia Ramírez**
- ◆ **Malayah Lindean Reynolds**
Heejin Son **
- ◆ **Emma Mildred Vella**
Minor: Business Administration
Minor: Design
- ◆ **Sarah Yewon Yun**
Additional Major: Human-Computer Interaction
Minor: Animation and Special Effects
Minor: Intelligent Environments
- ◆ **Kaitong Zhang**

MASTER OF FINE ARTS**Art**

Izsys Jeaynel Archer
Tingting Cheng
Chantal Feitosa-Desouza
Frankmarlin
Max Tristan Watkins

DESIGN**BACHELOR OF DESIGN****Design**

- ◆ **Parrish Virginia Andre**
- ◇ **Isis Berymon**
Charles Asher Blumberg
Minor: Photography
- ◆ **Carissa Chou**
Additional Major: Human-Computer Interaction
- ◆ **Anna Chuenrudeemol**
Minor: Human-Computer Interaction
Felix Owen Cooper
Melissa Valentina Cruz
Minor: Architecture
Zivi Jean Ham
- ◆ **Sophia Hao**
Minor: Human-Computer Interaction
- ◆ **Yixuan Ethan Huang**
Additional Major: Human-Computer Interaction
Minor: Computer Science
- ◆ **Yu-Hin Ip**
- ◆ **Juhi Kedia**
Minor: Physical Computing
Jasper Thure Krarup
- ◆ **Evette Julie Lacombe**
Minor: Physical Computing
Joan Joeun Lee
- ◆ **Kathy Lee**
- ◆ **Phoebe Lee**
- ◆ **Shannon Wei Lee**
Minor: Human-Computer Interaction
- ◆ **Dion Aaron Lewis**
Minor: Social and Political History

- ◆ Aimee Jimei Li
Minor: Biomedical Engineering
- ◆ Amber Jin Li
Minor: Photography
- ◆ Francesco Atticus Mauro
- ◆ Veronica Lili Michaels
- ◆ Midori Monosoff
- ◆ Julieta Maria Monteleagre
- ◆ Jasmin Palermo
- ◆ Aarnav Raj Patel
- ◆ Jin Peng
- ◆ Rubie Ellyn Shay
Minor: Human-Computer Interaction
- ◆ Caleb Hanlin Sun
Minor: Human-Computer Interaction
- ◆ Saumeya Suseenthiran
Minor: Photography
Minor: Social and Political History
- ◆ Sapna Tayal
Minor: Human-Computer Interaction
Minor: Physical Computing
- ◆ Sandy Youssef
- ◆ Elin Zhou
- ◆ Yuer Joyce Zhu
Minor: Human-Computer Interaction

MASTER OF ARTS

Design

- Lorin Anderberg
- Elijah Benzon
- Jacqueline Curtsinger
- Helene Federici
- Qing Hu
- Yu Cheng Juan
- Yaezi Lee
- Eindra Lin
- Kevin W. Lorenzi
- Emily Rebecca Moran **
- Joseph Ratliff
- Rui Ying

MASTER OF DESIGN

Design for Interactions

- Kimberly June Blacutt
- Eugina Kang Chun
- Jun Yang Hao
- Chengqi Hong
- Xiaoyu Huang
- Shivani Kannan
- Malavika Ketan Doshi
- Ann Li *
- Yi Luo
- Uluwehi Hope Mills
- Revati Naniwadekar
- Shama Patwardhan
- Lia Sparingga Purnamasari
- Vanya Rawat
- Audrey Marie Reiley
- Xinyue Ren

- Avanita Sharma
- Aishwarya Shetty
- Rini Suhasini
- Yanqing Yang
- Yawen Yang
- Xiaotong Yu
- Yulong Zhang
- Yuxuan Zhu

MASTER OF PROFESSIONAL STUDIES

Design for Interactions

- Shan Yu Chang
- Min Chun Chu
- Eldar Gilmanov
- Audrea Guo
- Yu Hsuan Ho
- Sanjali Jain
- Deeya Parikh
- Nikita Valluri

DOCTOR OF PHILOSOPHY

- Fas Sahr Lebbie
Mineral Choreography: Designing Mineral Transitions for a Dynamic Africa
Advisor(s): Jonathan Chapman
- Alexander James Polzin
Gross Habituations, Designing Digitally Mediated Human-Forest Interactions that Break the Heart
Advisor(s): Jonathan Chapman, Peter Scupelli
- Matthew Wizinsky
Design and Postcapitalist Desire: Designing for Social Practices Toward Postcapitalist Livelihoods
Advisor(s): Jonathan Chapman, Gideon Kossoff, Daniel Cardoso Llach

DRAMA

BACHELOR OF FINE ARTS

Drama

- ◆ Isabela Antonetti
- ◆ Donathan Patrick Arnold
- ◆ Anna Bakun
- ◇ Sigourney Bijou Barnickel-Watson
- ◆ Robert John Paul Berry
- ◆ Edmund Bunny Brand
Minor: Anthropology
- ◆ Max Elliott Braunstein
- ◆ Emily Millicent Taska Carleton
- ◆ Levi Robin Chaplin-Loebell
Minor: Literature and Culture
Minor: Social and Political History
- ◆ Iris Chiu
- Helena Yveda Chuang
- Chloe Genevieve Cohen
- ◆ Olivia Catherine Curry
- ◆ Louise Anne Cutter
- ◆ Matthew Hugh Diston

- ◆ Jack Bernard Ducat
- ◆ Anya Patricia Lynn Edwards
- ◆ John Alexander Farrell
- ◆ Lenora Dalene Gant
Additional Major: Social and Political History
- ◆ Ted Guzman
- ◆ Eliot Ann Herron
Minor: Film and Media Studies
Minor: Literature and Culture
- ◆ Anya Christine Hilpert
Sean Etienne Hodges
Sophie Catherine Howard
- ◆ Phoebe Gardner-Huggett
Darryl Ifote
- ◆ Lilian Nara Kim
Minor: Intelligent Environments
- ◆ Natalie Sandra Lawton
- ◆ Elizabeth Colbert Leclerc
- ◇ Magnolia Luu
Minor: Physical Computing
- Cayden Challenor McCoy
- ◆ Madeline Elaine Miller
Additional Major: Environmental and Sustainability Studies
- ◆ Alon Moradi
- ◆ Ella Luisa Noriega
Edward Haines Patrick II
Rebecca Kate Perry
- ◆ Jeremy Thomas Pitzer
Minor: Religious Studies
- Marco Antonio Porras
- ◆ Mathilde Prosen-Oldani
Minor: Social and Political History
- ◆ Reynaldo Andres Quintana Arocho
- ◆ Carlwell Kenneth Redmon
- ◇ Cordelia June Himmelstein Reynolds
- ◆ Addison Ruby Saltz
- ◆ Cole Thomas Schubert
- ◆ Evan Dane Vines
- ◆ Selina Shih-Yu Wang
- ◆ Danielle Kathryn Williams
Jessica Elizabeth Williams
- ◆ Viscaya Blue Schulte Wilson
Minor: Cognitive Neuroscience
- ◆ Aidan Edward Winn
- ◆ Elly Lieu Wolhardt
Additional Major: Global Studies

MASTER OF FINE ARTS

Costume Design

- Caifeng Hong
- Carrie Anne Huneycutt-Parker

Costume Production

- Yu-Tzu Chung

Directing

- Tatiana Baccari
- Carlos Eduardo Martínez Maratos

Dramatic Writing

Margot Celeste Arabella Carmody
Xinyi Huang
EmElise Masters Knapp
Elinor Melick
Sondai NaNaBuluku

Scene Design

Kejia Yu
Joan Sebastián Zavalza Rodríguez

Sound Design

Pan-Pan Gou
Isaac V. Jo
Ray Kathryn Morgen

Stage and Production Management

Alexandra Ann Blaylock
Kelsey Dylan Harlow

Technical Direction

Sophie Rodriguez

INTERDISCIPLINARY STUDIES**BACHELOR OF ARTS****General Studies**

Justin T. Carson
Minor: Music
Alexa Marie Janoschka
Minor: Drama
Alberto Angel Macias II
Additional Major: Robotics
Minor: Music
Ryan David Ritchie **
Minor: Music
Dariyah Monae Scott

MUSIC**BACHELOR OF FINE ARTS****Electronic Music**

- ◆ Blaine Michael Black
Minor: Game Design
- ◆ Yipeng Rong
Minor: Business Administration
- ◆ Cole Andrew Savitz-Vogel
Minor: Art

Music - Composition

- ◆ Leila Ellie Gottlieb Hedayati
Minor: Conducting
- ◆ Seamus Aubrey McClure
Minor: Conducting
- Evan S. Neely
Minor: Conducting
- Ryan Joseph Onestak
- ◆ Miles McMichael Pride

- ◆ Gabriel L. Whitney
Minor: Creative Writing

Music Performance - Percussion

- ◆ Daniel Cesar Villanueva Carey
Emma Katherine Lasswell

Music Performance - Trumpet

- ◆ Liam Gregory Dale
Minor: Music Education

Music Performance - Tuba

- ◆ Claudia Rose Shassberger

Music Performance - Viola

- ◇ Kai Lin Su
Minor: Biological Sciences

Music Performance - Violin

- Joshua Hyun Soo Lee
- ◆ Renata Volchinskaya
Minor: Conducting

Music Performance - Voice

- ◆ Aliyah Nicole Quill
- ◆ Holly Renee Romanelli

BACHELOR OF SCIENCE**Music and Technology**

Gowtham Irrinki
Xiaofeng Li
Polaron Rigel Posadas **

MASTER OF MUSIC**Collaborative Piano**

Katelyn Denman

Music Education

Anne Marie Epperly
Freddy Adrian Medina

Performance - Cello

Rachel Boll

Performance - Double Bass

Brian Bera

Performance - Euphonium

Alex Michael Showers

Performance - Flute

Joanna Lau
Josephine Yoonji Lee
Annalese Louise Lohr

Performance - French Horn

Alexander Daiker
Chase Decarlo

Joshua Dylan Gandy

Performance - Oboe

Guillermo Ulloa

Performance - Percussion

Brandon James Williams

Performance - Piano

Evelyn Anne Davenport
Yue Fei
Haiyi Zhang

Performance - Saxophone

Yi Ding
Yuyuan He
Jinyang Hu
Christopher Anthony Pannullo
Siyuan Shen
David Su Song
Andrew Robert Zimlinghaus

Performance - Trombone

Christa Jane Barnes
Benjamin Howard Fuller
Taylor Mills Jones

Performance - Trumpet

Casey Joseph Freudenthal
Garrett Dyer Gorbey

Performance - Tuba

Victor Manuel Zayas

Performance - Viola

Erin Higgins

Performance - Violin

Natalie Hsieh
Jiddu Vega

Performance - Voice

Allen Adair
Emily Ruby Garcia
Isabelle Hoyou
Nathan Paul Sekela
Weiyi Song

MASTER OF SCIENCE**Music and Technology**

Ziyu Cai
Ari Liloia
Ziyun Liu
Purusottam Samal
Tung-Cheng Su
Shreyas Kumar Subramanian
Jiaming Wang

Kaibin Wang
Hao Wu
Qixiao Zhu

STUDENT-DEFINED MAJORS

BACHELOR OF ARTS

3D Game Art and Design

Kai James Theodore Kim
Minor: Animation and Special Effects

Experience Innovation and Arts

- ◆ Alexandra Redding Slabakis
Additional Major: Human-
Computer Interaction

Dietrich College of Humanities and Social Sciences

DEAN OF THE COLLEGE

Richard Scheines

DEAN OF CARNEGIE MELLON UNIVERSITY, QATAR

Michael A. Trick

CARNEGIE MELLON INSTITUTE FOR STRATEGY AND TECHNOLOGY

Audrey Kurth Cronin, Director of the Institute

ECONOMICS

Burton Hollifield, Associate Dean,
Tepper School of Business Undergraduate Programs

ENGLISH

Andreea Deciu Ritivoi, Head of the Department

HISTORY

Christopher J. Phillips, Head of the Department

LANGUAGES, CULTURES AND APPLIED LINGUISTICS

Anne Lambright, Head of the Department

NEUROSCIENCE INSTITUTE

Timothy Verstynen, Interim Director of the Institute

PHILOSOPHY

Peter Spirtes, Marianna Brown Dietrich Professor
and Head of Philosophy

PSYCHOLOGY

Susanne Ferber, Head of the Department

SOCIAL & DECISION SCIENCES

Gretchen Chapman, Head of the Department

STATISTICS & DATA SCIENCE

Rebecca Nugent, Head of the Department

STUDENT-DEFINED MAJORS

Joseph Devine, Associate Dean for Undergraduate Studies

CARNEGIE MELLON INSTITUTE FOR STRATEGY AND TECHNOLOGY

BACHELOR OF SCIENCE

Economics and Politics

- ◆ Trish Nhan
- ◆ Matthew Peter Visco
- ◆ Kevin J. Wang
Additional Major: Business Administration

International Relations and Political Science

- ◆ Creighton Emory Arrington
Additional Major: Chinese Studies
Minor: Military Strategy and
International Relations
- ◆ Ethan Chen *
- ◆ Riley Jordan Green **
Additional Major: French and
Francophone Studies
Minor: Cybersecurity and
International Conflict
- ◆ Kyle McGuire Hynes
Additional Major: Statistics
and Machine Learning
Linnea Pari Kiachian Leaver
- ◆ Joyce Yaeyong Lee
Minor: Military Strategy and
International Relations
Heather Stephany Loja **
Minor: Human-Computer Interaction

- ◆ Colleen Alice Gallagher Moosman
Additional Major: Creative Writing
Minor: Gender Studies
Destiny Irene Ogando
- ◆ Sophia May Peirano
Minor: Cybersecurity and
International Conflict
Minor: Decision Science
- ◆ Arkadzi Rakach
Minor: American Politics and Law
Minor: Decision Science
- ◆ Lucia Shen
Additional Major: Literature and Culture
Minor: Human-Computer Interaction
- ◆ Ji Sue Shin
Additional Major: Human-
Computer Interaction
Minor: Chinese Studies
- ◆ Marcus Jordan So-Holloway
Minor: Military Strategy and
International Relations
- ◆ Riley Arin Wallace
Minor: Cybersecurity and
International Conflict
- ◆ Tielin Yu **
Additional Major: Science,
Technology and Public Policy
Minor: Computer Science
- ◆ Elizabeth Rachel Zapanta
Minor: Hispanic Studies

Political Science, Security, and Technology

Jayla Desiree Hemphill

- ◆ Emma Clair Rogers
Minor: Information Security,
Privacy and Policy

MASTER OF INFORMATION TECHNOLOGY STRATEGY

Information Technology Strategy

Seth Philip Benson *
Ashley Chung *
Daniel T. Hayase
Pablo Andres Marin Vicuña *
Katsuya Nakano *
Alex Wan

Information Technology Strategy - Applied Strategy

Jacob Edward Lapin **
Jiaji Li **
Yifan Luo **
Jonah Mun Jiunn Nascimento **
Phillip D. Roach Jr. **
Ran Tao **
Xiaoyuan Wang **
Bocheng Wu **
Yichen Xin **
Shihan Zhang **
Yintong Zhang **
Yaxuan Zheng **

MASTER OF SCIENCE

International Relations and Politics

Graham Marshall Elder
 Claire Margaret Pilcher **
 Matthew J. Porter
 Jaykob Lawrence Williams
 Chiara Maria Wurdack Simmons

ECONOMICS

BACHELOR OF ARTS

Economics

- ◆ Ellen Scott Recio
 Additional Major: Hispanic Studies

ENGLISH

BACHELOR OF ARTS

Creative Writing

- ◆ James Christian Baracia
 Additional Major: Professional Writing
- ◆ Anand Edward Beh
 Additional Major: Arabic Studies
 (Student-Defined Major)
 Minor: Economics
- ◆ Cameron Desmond Doyle
 Minor: Game Design
- ◆ Gabriel Joseph Gonzalez
 Minor: Game Design
- ◆ Maria Evangelia Hawthorne
 Additional Major: Film and Visual Media
- ◆ Andrew Woosung Kwon
 Minor: Statistics
- ◆ Emma Isabel Faith Martin
 Additional Major: Film and Visual Media
 Minor: Philosophy
- Mick M. Muerte
 Additional Major: Professional Writing
- ◆ Olivia Ragini Nagpal Reed
 Minor: Hindi Studies (Student-Defined Minor)
- ◆ Lisa Sofia Rivas-Chavez
 Minor: Animation and Special Effects
 Minor: Film and Media Studies
- Bridgette Shock

Film and Visual Media

- ◆ Phoenix Chen Bernardin
 Additional Major: Creative Writing
- ◆ Clare Tara Katyal
 Minor: Creative Writing
 Minor: Media Design
- Audrey Kong **
 Minor: Human-Computer Interaction
- Andrew Lee **
 Minor: Game Design
- ◆ Jesus Padilla Munoz
 Danielle Peters
 Minor: Business Administration
- Kailani December Small *

Literature and Culture

- ◆ Jennifer Danielle Bortner
 Additional Major: Global Studies
- ◆ Sydney Nicole Burns
 Additional Major: Professional Writing
 Minor: Politics and Public Policy
- Samuel Thomas Hanks
 Zoe Taylor Kramer
 Minor: Gender Studies
 Minor: Politics and Public Policy
- ◆ Liberty Bennett Prieb
 Minor: Gender Studies
 Minor: Social and Political History
- ◆ Susan Lauren Switzer
 Additional Major: Psychology
 Minor: Hispanic Studies

Professional Writing

- ◆ Seoyoon Chun
 Additional Major: Creative Writing
 Additional Major: Film and Visual Media
- ◆ Kyli Josephine Hilaire
 Minor: Photography

BACHELOR OF SCIENCE

Technical Writing

Jia Xin Lin

MASTER OF ARTS

Global Communication and Applied Translation

Katherine Mayock **
 Anouar Rahmani **
 Yui Takahashi **
 Linxi Wang **
 Xueting Xian **
 Leilani Keai Zhang *

Literary and Cultural Studies

Misha Aqil
 Nelida Clara Downie
 Jay Cherie Komoroski
 Brian Lines
 Rachel Jayne Macdonald
 Justin Troy Mason
 Dalton W.C. Mullins
 Isabella Genevieve Nissel
 Mauricio Ortiz Rousset
 Nicolas William Thornton
 Heather Elizabeth Touby
 Ava Rose Wegerbauer
 Nathaniel Wodnick
 Emma Nicole Zuder

Professional Writing

Nathan Eke **
 Elizabeth Lloyd Ginther **
 Lia Gold-Garfinkel **
 Rebecca Sarah Kane **
 Adrian Lapadat *

Greta Katherine Lyons **
 Sarah Maenner **
 Sharon B. McAndrews
 Hope Elizabeth Miller **
 Cassy R. Whitaker **

Rhetoric

Paul Beer
 Austin Michael Culver
 Matthew Finbar Denton
 Colburn Wyatt Jones
 Ramsha Naveed

DOCTOR OF PHILOSOPHY

Eunji Jo
 Urban Elsewhere: Diasporic Imagination
 and Narratives of Transnationalism
 Advisor(s): Marian Aguiar,
 Richard Purcell, Andreea Ritvoi

Yishan Wang *
 Accommodated Social Imaginaries:
 How the U.S. and China Framed
 Their 2018–2020 Trade Dispute
 Advisor(s): David Kaufer,
 Christine Neuwirth, John Oddo

Benjamin Williams
 Mediating Documentation: Race, Affective
 Governance and the U.S.-Mexico Border
 Advisor(s): Marian Aguiar, Paul Eiss,
 Juan Llamas-Rodríguez, Richard Purcell

HISTORY

BACHELOR OF ARTS

Ethics, History, and Public Policy

- ◆ Claer Ann Jestin
- ◆ Kira Rose Kiesler
 Additional Major: Philosophy
- ◆ Jack R. Kiggins
 Additional Major: Creative Writing
- ◆ Talia Marchelle Oliver
 Ananiah J. Pettis *
 Minor: Politics and Public Policy
- Kayla Donae Rountree

Global Studies

- Robert Augustus Burnett
 Minor: Anthropology
- ◆ Cynthia Liliana Erazo-Rodas
 Additional Major: Hispanic Studies
 Minor: Gender Studies
- Mira McGarrigle Ireland
 Minor: Decision Science
 Minor: Neuroscience
- ◆ Tatym Rasmussen
 Minor: Psychology

Social and Political History

- Ryan Nicholas Flammer
 Minor: International Relations
 and Political Science
- ◆ Kayla Anabelle Lee

BACHELOR OF SCIENCE**Ethics, History, and Public Policy**

- ◆ Sanaa Iman Akindele
Minor: Creative Writing
Minor: Psychology
- Kennedy Botts
- ◆ Kyle Patrick McClain
Additional Major: Philosophy
Minor: Politics and Public Policy
- ◆ Simone B. Rothstein
- ◆ Zoe P. Schneider
Additional Major: Literature and Culture
Minor: Gender Studies
- ◆ Brenna Maeve Wrubel
Minor: Professional Writing

Social and Political History

- ◆ Lucia Anaïs Castelblanco
Additional Major: Hispanic Studies
- Kristen Youngsuh Choi
Minor: Creative Writing
Minor: Politics and Public Policy
- William Henry Murrell

MASTER OF ARTS**History**

Katie Burch
Zachary Crouch

DOCTOR OF PHILOSOPHY

Francisco Javier Bonilla Garcia **
Downstream from the Locks:
The Technopolitics of Water in
Panama's Urban Borderlands
Advisor(s): John Soluri

Alex D. Tabor
From Public Welfare to Human
Services: The Roles of Local Voluntary
Organizations and Government in
Allegheny County, 1922-1997
Advisor(s): Scott Sandage

Michael A. White
A History of African American Health
in Twentieth-Century Pittsburgh
Advisor(s): Joe Trotter

**INTERDISCIPLINARY
STUDIES****BACHELOR OF SCIENCE****General Studies**

Kristina Chen
Minor: Information Security,
Privacy and Policy

Aisha Unique Drisdorn
Additional Major: Environmental
and Sustainability Studies

**LANGUAGES, CULTURES &
APPLIED LINGUISTICS****BACHELOR OF ARTS****Chinese Studies**

- ◆ Ava Rose Allard
Minor: Business Administration
- Merry Shen Chen
Minor: Computer Science
Minor: Environmental and
Sustainability Studies

Hispanic Studies

Ashley Nicole Rodriguez
Minor: Creative Writing

Japanese Studies

Nya Janae Lewis *

Russian Studies

Johnathan David Morris
Minor: Linguistics

MASTER OF ARTS**Applied Linguistics and Second
Language Acquisition**

Kholoud Balata
Yunzhen Jiang
Christopher Romagni
Christine Shi **
Nathan Thompson

DOCTOR OF PHILOSOPHY

Bianca Brown
Looking Beyond the Native-Speaker
Interlocutor in Study Abroad:
The Role of L1 Peers, Service
Encounters and Lx Communities
in Target Language Interaction
Advisor(s): Khaled Al Masaeed,
Uju Anya, Katharine Burns

Rossina Soyan *
The Role of Morphological Awareness
in Word-Meaning Inference in L2
Russian: Interaction between Learner-
and Language-Specific Variables
Advisor(s): Katharine Burns, Keiko Koda

NEUROSCIENCE INSTITUTE**DOCTOR OF PHILOSOPHY**

Jack Lloyd Burgess
Imagination Boosts Strategy Learning
in Artificial and Human Agents
Advisor(s): Timothy Verstynen

Matthew Charles Clapp *
Basal Ganglia Dynamics in
Structure Learning
Advisor(s): Timothy Verstynen

Juhi Husna Farooqui *
Access and Inclusion in the Development
of Somatosensory Neuroprostheses
Advisor(s): Lee Fisher

Andrew F. Luo **

Computational Exploration of Higher
Visual Selectivity in the Human Brain
Advisor(s): Michael Tarr, Leila Wehbe

Tara Pirnia *

Neural Processes Underlying Cognitive
Control During Language Production
Advisor(s): Leila Wehbe

PHILOSOPHY**BACHELOR OF ARTS****Linguistics**

Janet Li Bellantoni
Minor: Humanities Analytics
Minor: Soft Technologies

Johann Lucien Schechter
Additional Major: Applied
Multilingual Studies
Minor: Chinese Studies

Zhijian Sun

- ◆ Zekai Tian
Additional Major: Film and Visual Media

Philosophy

Nicholas Marshall
Additional Major: Social
and Political History

- ◆ Kaitong Zhang

BACHELOR OF SCIENCE**Logic and Computation**

- ◆ Adam Patrick Bournes
- ◆ Peter Michael Khoudary
Additional Major: Computer Science
- Dennis Fan Li
- ◆ Chuong Bao Truong
Additional Major: Philosophy

MASTER OF ARTS**Philosophy**

Ziyue Fang
Emily Ann Pasetes

MASTER OF SCIENCE**Logic, Computation and
Methodology**

Taiba Abid
Bing Chu
Chenyu Deng
Xinshuai Dong **
Hannah Fechtner **
Yi Han
Damini Kusum
Gregory Langmead
Federica Pasqualone
Yiwen Qiu
Zhaobo Sheng
Jiaqi Sun
Spencer Masse Woolfson

DOCTOR OF PHILOSOPHY

James Michelson *
Essays in Design Economics
Advisor(s): Vincent Conitzer,
Alexey Kushnir, Kevin Zollman

PSYCHOLOGY

BACHELOR OF ARTS

Psychology

- ◆ **Melina Gabrielle Arroyo**
Minor: Business Administration
Minor: Decision Science
- ◆ **Camille Noelle Chandler**
Additional Major: Decision Science
- ◆ **Shirley Xinyi Du**
Additional Major: Human-Computer Interaction
Minor: Architecture
Minor: Design
- Aria Jade Eudaimond**
Additional Major: Film and Visual Media
- ◆ **Manami Numoto**
Minor: Business Administration
Minor: Human-Computer Interaction
- ◆ **Brett Eric Nyman ****
Minor: Creative Writing
- David Huynh Phan ***
Additional Major: Statistics
- Carolina Mercedes Noemi Uribe Pacheco**
Minor: Applied Multilingual Studies

BACHELOR OF SCIENCE

Cognitive Science

- ◆ **Joan Campaña Delgado**
- ◆ **Avani Guduri ****
Additional Major: Human-Computer Interaction
- Miles Alexander Henry**
Minor: Computer Science
- ◆ **Kavya K. Iyer**
Additional Major: Human-Computer Interaction
Minor: Product Management
- ◆ **Ares Krishan Kapoor**
Evren Ma Konuk
Adriana Georgina Ribota *
- ◆ **Cami Paz Streuly**
Additional Major: Human-Computer Interaction
- Tanuj Vasudeva**
- ◆ **Yi Zhao**
Additional Major: Human-Computer Interaction

Neuroscience

- Patrick Wing Chun Chan ****
- ◆ **Alexandra Yinghan Cheung**
- ◆ **Rebecca Kim**
Minor: Chemistry
- Avery Nicole McGuirt**
Elise Danielle Mitchell
Kristy Victoria Perez

Ashley Rose Statham
◆ **Gracee Elizabeth Swatsworth**
Berke Mustafa Yasar

Psychology

- Mahalia Ann-Myrel Amazigo ****
Minor: Sociology
- ◆ **Sunjung Bok**
Minor: Chemistry
Minor: Creative Writing
- Alec Chen**
Additional Major: Human-Computer Interaction
- ◆ **Stanley Le Duong**
- ◆ **Colin Christof Echeverri**
Minor: Cognitive Neuroscience
- ◇ **Noelia Maria Flores Biagioli**
- ◆ **Ashley Ryan Gelber**
Additional Major: Chinese Studies
- ◆ **Abigail Morgan Glass**
Minor: Cognitive Neuroscience
Minor: Drama
- Emily Gomez**
Minor: Cognitive Neuroscience
Minor: Creative Writing
- Cole Emil Kaforey**
- ◆ **Zane Michael Kelley**
Faith Elizabeth Lawrence
Minor: Environmental and Sustainability Studies
- ◆ **JieYu Vivian Lin**
Minor: Chinese Studies
Minor: Human-Computer Interaction
- Mia K. Lippey**
Marya Naqvi
Minor: Anthropology
- Hanna Akahori Nazzaro ****
- ◆ **Casey Bern Potrebic**
Minor: Computer Science
Minor: Human-Computer Interaction
- ◆ **Cynthia Qian**
Minor: Chemistry
- Anyah Mercedes Stempien-Smith**
- ◆ **Meenakshi Soundarya Sundrum**
Minor: Engineering Studies
- ◆ **Taylor Naomi Symonette**
Minor: Cognitive Neuroscience
- Marisa Tozzi**
- ◆ **Siyuan Yang**
Additional Major: Human-Computer Interaction

MASTER OF SCIENCE

Psychology

Jawaad Belkhir
Yuchen Zhou

DOCTOR OF PHILOSOPHY

Abhishek Rohini Mohan Dedhe
Cognitive Algorithms Underlying Hierarchical Behavior Across Age and Species
Advisor(s): Jessica Cantlon

Lakshmi Kumar **
The Impact of Empathy on Drinking Motives, Craving and Alcohol Consumption: An Experimental Study
Advisor(s): Kasey Creswell

Austin Luor **
Statistics-Driven Auditory Selective Attention
Advisor(s): Lori Holt

Yuchen Zhou
Neural Mechanisms of Language Processing: Computational Models of Representational Structures and Attentional Dynamics
Advisor(s): Michael Tarr

SOCIAL & DECISION SCIENCES

BACHELOR OF SCIENCE

Behavioral Economics

- ◆ **Emma Andrews**
Additional Major: Decision Science
- David Bloomquist**
Minor: Creative Writing
- Nolan Sterling Casey**
Additional Major: Decision Science
Minor: Business Administration
- Lay Len Ching**
Additional Major: Philosophy
- ◆ **Vasudha Cidambi**
Minor: Business Administration
Minor: Cognitive Neuroscience
Minor: Social and Political History
- Christian Patrick Inacio**
Isabel Elize Lawrence
Kaiea Ly-Au Young
Additional Major: Decision Science

Decision Science

- ◆ **Luca Joseph Adams**
Additional Major: Business Administration
- Austin S. Addison**
Minor: Business Administration
Minor: Drama
- ◆ **Emily Katherine Cocea**
Minor: Business Administration
Minor: Politics and Public Policy
- Laura Lucia Gallegos Mena**
Minor: Hispanic Studies
- ◆ **Lily Carin Hazam ****
Minor: Business Administration
- ◆ **Gemma Scout Jefferson**
Minor: Biomedical Engineering
Minor: Business Administration
- Christy Yelim Kim**
Minor: Business Administration
Minor: Music
- ◆ **Saera Kim**
Additional Major: Human-Computer Interaction
- Divyasri Sudhir Krishnan ****
- ◆ **Anyi Li**
Additional Major: Psychology
Minor: Creative Writing

- ◆ **Chuoqiao Lin**
Additional Major: Human-Computer Interaction
Minor: Business Administration
- ◆ **Keyu Luo**
Catherine Marie MacNichol
Minor: Business Administration
Minor: Product Management
- ◆ **Sherly Quezada ****
- ◇ **Hannah Vivian Romoff**
Minor: American Politics and Law
Minor: Politics and Public Policy
- ◆ **Cionna Jaiylah Sharpe ****
- ◆ **Elizabeth S. Wang**
Additional Major: Human-Computer Interaction
Minor: Design
- ◆ **Alana Wu**
Additional Major: Human-Computer Interaction
- ◆ **Susan Xu**
Minor: Human-Computer Interaction

Policy and Management

- ◆ **Seth Carl Feingold ****
Additional Major: Psychology
Minor: Decision Science
- ◆ **Krystina Wu ****
Minor: Film and Media Studies

DOCTOR OF PHILOSOPHY

- Erin Hibbard Bugbee**
Balancing Exploration and Exploitation: Sequential Decision Making in Humans and Machines
Advisor(s): Cleotilde Gonzalez
- Daniel J. Connolly**
Forgetting in Real Life
Advisor(s): George Loewenstein
- Chase Connors McDonald**
On Complementarity in Human-AI Interaction
Advisor(s): Cleotilde Gonzalez

STATISTICS & DATA SCIENCE

BACHELOR OF SCIENCE

Economics and Statistics

- ◆ **Amit Shankar Bhattacharjya**
Dominic Jay Blum
Minor: Hispanic Studies
- ◆ **Daiyan Chen**
Minor: Business Analytics and Optimization
Minor: Machine Learning
- ◇ **Xi Chen**
Minor: Psychology
- ◆ **Weiqian Cheng**
Minor: Artificial Intelligence
- ◆ **Lauren Chin**
- ◆ **Chin Wei Jie Joshua**
Minor: Business Administration
- ◆ **Hannah Marie Hayes**
- ◆ **Sen Miao ****
Additional Major: Computer Science

- ◆ **Keertana Vasantha Narayanan ***
Minor: Business Administration
- ◆ **Krishna Singla ****
- ◆ **Pranav Srinivas**
Sabrina Valente Soto
- ◆ **Kevin Wu**
Minor: Business Administration
- ◆ **Willy Yeh ****
Minor: Business Administration
- ◆ **Xihan Zhu**
Minor: Game Design

Statistics

- ◆ **Aidan Mark Booher**
Additional Major: Business Administration
- ◆ **Jordan Shanley Brown**
Additional Major: Business Administration
- ◆ **Elliot Victor Buera**
Minor: Business Analytics and Optimization
- ◆ **Samantha Glick**
Minor: Business Administration
Minor: Economics
Minor: Human-Computer Interaction
- ◆ **Yuxuan He**
Minor: Business Administration
- ◆ **Hui Hu**
Minor: Business Administration
- ◆ **Elin Sekyoung Jang**
Additional Major: Decision Science
Additional Major: Human-Computer Interaction
- ◆ **Adithi Jawahar**
Additional Major: Decision Science
Minor: Information Security, Privacy and Policy
- ◆ **Claer Ann Jestin**
- ◆ **Lily Anna Klucinec**
Additional Major: Science, Technology and Public Policy
- ◆ **Tiffany Habin Ko**
Minor: Business Administration
- ◆ **Dhruv Siddharth Krishnan**
Minor: Financial Management
- ◆ **Amalia Hope Kutin**
Additional Major: Decision Science
Minor: Media Design
- ◆ **Minseo Kwon**
Minor: Business Administration
- ◆ **Leonard Bo-Yang Liang**
Minor: Business Analytics and Optimization
- ◆ **Chenduoqia Lyu ****
Minor: Business Analytics and Optimization
- ◆ **Sathwika Manda**
Minor: Information Security, Privacy and Policy
- ◆ **Peixuan Mo ****
Additional Major: Human-Computer Interaction
Minor: Art
- ◆ **Peyton Michael Moffatt**
- ◆ **Samuel Vega Pfingsten**
Minor: Business Analytics and Optimization
- ◆ **Michael Phineas Pilson**
Minor: Business Administration

- ◆ **Tasnim Mallik Rida**
Minor: Media Design
- ◇ **Aanika M. Schueler**
Sydney Lau Tallan
Additional Major: Decision Science
Minor: Social and Political History
- ◆ **Nicole Lily Tavoussi**
- ◆ **Riley Paige Vetere Jones**
Additional Major: Ethics, History and Public Policy
Minor: Policy and Management
- ◆ **April Aiyang Wang**
Minor: Human-Computer Interaction
- ◆ **Silas Wang**
Minor: Chemistry
- ◆ **Summer Yaya Wang**
Additional Major: Business Administration
- ◆ **Yuxi Xu**
Minor: Game Design
- ◆ **Fan Yang**
Minor: Business Administration
Minor: Human-Computer Interaction
- ◆ **Grace Yim**
Minor: Business Administration
- ◆ **Chuoqiao Zhao**
Additional Major: Decision Science

Statistics - Statistics and Neuroscience Track

- ◆ **Jay Manish Madan**

Statistics and Machine Learning

- ◆ **Isha Agrawal**
Minor: Business Administration
- ◆ **Grant Eldon Allvin ****
Minor: Decision Science
- ◆ **Nanditha Annapureddy**
- ◆ **Kwaku Kwarteng Baryeh**
- ◆ **Anishka Bompelli**
- ◆ **Xinchen Cai**
- ◇ **Xinfei Cen**
Additional Major: Human-Computer Interaction
- ◆ **Darin Amin Chaoui**
Minor: Computational Finance
- ◆ **Jia Ming Chen**
Minor: Computer Science
- ◆ **Victoria Xin-Yi Chen**
Minor: Computer Science
- ◆ **Yi-Syuan Chen**
Minor: Computer Science
- ◆ **Alex Ben Cheng ****
Minor: Computer Science
- ◆ **Martin Andrew Cheong**
Minor: Computer Science
- ◆ **Elizabeth Chu ****
Minor: Computer Science
- ◆ **Hao Cui**
Additional Major: Computer Science
- ◆ **Eyob Demek Dagnachew**
Minor: Software Engineering
- ◆ **Juanyu Dai**
Minor: Computer Science

- Matthew Dai
Minor: Decision Science
Minor: Human-Computer Interaction
- Crosby Kwon Davidson
Minor: Mathematical Sciences
- Audrey Ding
- Christina Ding
Minor: Music
Minor: Sonic Arts
- ◆ Prina Hiten Doshi
- ◆ Yilin Du
- ◆ Zachary Rosenthal Gelman
Additional Major: Social and Political History
Minor: Computer Science
- ◆ Prathik Guduri
Minor: Computational Finance
Minor: Computer Science
- ◆ Ayush Gupta
Minor: Computer Science
- Parth Harish
Minor: Computer Science
- ◆ Anahita Rhea Hassan
Minor: Human-Computer Interaction
- Jacob Isaiah Helm
Minor: Computer Science
- Elliston Arthur Helms
Minor: Economics
- Emily Huang
Additional Major: Computer Science
- ◆ Zhiyi Huang
Minor: Business Analytics and Optimization
Minor: Human-Computer Interaction
- ◆ Arthur Kwan Jakobsson
Minor: Computer Science
- Zhuyun Jin **
- Brian Tae Han Kim
Minor: Computer Science
- Jin Yu Kim **
- Juny Kim
- ◆ Ryan Chanhee Kim
Minor: Chemistry
- Megha Reddy Korpul
Minor: Computer Science
Minor: Human-Computer Interaction
- Sreekar Nagaraju Kunaparaju **
- ◆ Christian Nicholas Lanuza
Minor: Business Analytics and Optimization
- Yeheun Lee
- ◆ Seungwan Lee
- ◆ Chuangji Li
- ◆ Jeremy Li
Minor: Artificial Intelligence
Minor: Business Analytics and Optimization
- Gwen Li
Minor: Artificial Intelligence
Minor: Computer Science
- ◆ Adrian Liu
Minor: Computer Science
- Qianfan Luo
Minor: Computer Science
- Noel Moges Mamo
Minor: Sociology
- Ananya Manglik

- ◆ Arnav Mantro
- Sonja Morgan Simon Michaluk
- Tyshanti Montgomery *
- Ryan Thomas Mulcahy
- Haomin David Ng
Minor: Artificial Intelligence
- ◆ Jeremy Israel Nichols
- Caleb Oh
Additional Major: Computer Science
- Clement H. Ou
Minor: Machine Learning
- ◆ Arnav Paliwal
Minor: Computational Finance
Minor: Mathematical Sciences
- Lingruo Pan
Minor: Computational Finance
Minor: Mathematical Sciences
- ◆ Jingyang Peng
- ◆ Noelani Eve Phillips
Minor: Artificial Intelligence
- ◆ Marco Pedro Rayner
Minor: Artificial Intelligence
- ◆ Kevin Ren
Minor: Computer Science
- ◆ Vinay Samuel
- Rhythm Satav
Minor: Computer Science
- Joseph Scharpf
- Sahaana Gnaanam Sethu
- Malek Shafei *
- Aditya Sharma *
- ◆ Eric Shau
- ◆ Yuntian Shen
Additional Major: Artificial Intelligence
- Josiah Cicero Smith *
- ◆ Jin Rong Song
Minor: Computer Science
- ◆ Shruti Srinivasan
Additional Major: Artificial Intelligence
Minor: Science, Technology and Society
- ◆ Meghna Sudhakar **
Minor: Artificial Intelligence
- Elizabeth Anne Szeto
Minor: Human-Computer Interaction
- ◆ Vijaya Sowmya Vegesna **
Minor: Artificial Intelligence
- ◆ Matthew Peter Visco
Minor: Business Analytics and Optimization
- ◆ Duoxi Melody Wang
Minor: Computer Science
Minor: Human-Computer Interaction
- ◆ Fengyi Wang
Minor: Computer Science
- Jerry Wang *
Minor: Business Administration
- ◆ Jiashen Wang **
- ◆ Joaquin Wang Zhang
Minor: Business Administration
- ◆ Idris Abdigafar Wardere **
- ◆ William Wei
Additional Major: Computer Science
- ◆ Chutian Weng
- ◆ Robert Michael Wetten

- ◆ Haokun Wu
Minor: Linguistics
- ◆ Tingguan Wu
Minor: Computational Finance
- Jingxiao Xia
- ◆ Pai Yang
Minor: Film and Media Studies
Minor: Game Design
- Samuel David Yarger
- Brandon Tianze Yi
Minor: Business Analytics and Optimization
- Lucas Yi **
- ◆ Weiran Yu
- ◆ Aoran Zhang
Additional Major: Artificial Intelligence
- ◆ Juran Zhang
Additional Major: Artificial Intelligence
- ◆ Ryan Cao Zhang
- ◆ Tianyi Zhang
Additional Major: Artificial Intelligence
- Kevin Zheng

MASTER OF SCIENCE

Applied Data Science

- Rao Abdul Hannan
- Jason Andriopoulos
- Akylai Batyrbekova
- Aidan Jeffrey Bradshaw
- Xinyi Chen
- Malcolm Isaac Ehlers
- Ananya Hari Narain
- Niccolo Jacimovic
- Won Seok Kang
- Karan Karthik
- Xinyi Ke
- Nikhil Krishnan
- James Lauer
- Kunhee Lisa Lee
- David Carlmont Li
- Pei-An Lin
- Ke Ma
- Shreya Patchala
- Roochi T. Shah
- Andrew Terryl Shih
- Sakshi Singh
- Amber Hailey Tsao
- Zihao Wei
- Ashley Yaxin Wu
- Yahan Yang

Statistics

- Princess Allotey
- Erik Arthur Bensen
- Ziqi Liu
- Elsa Katarina Palumbo
- Antonio Carlos Herling Ribeiro Jr.
- Ergan Shang
- Hongjian Wang

Fengyu Xie **

Soheun Yi

DOCTOR OF PHILOSOPHY

Nicholas James Kissel **

Topics in Uncertainty Quantification
for Model Selection
Advisor(s): Jing Lei

Luca Masserano

Trustworthy Scientific Inference
with Machine Learning
Advisor(s): Ann Lee

Motolani Olarinre **

Identifying Fast Time Scale
Interactions in Biological Networks
of Spiking Neuron Populations
Advisor(s): Robert Kass

Akshay Prasad

Beyond Convexity: Robustness
and Optimality in the Gaussian
Sequence Model

Kyle Schindl

Advances in Experimental Design
and Causal Inference: Rerandomization,
Sequential Experiments and
Incremental Effects
Advisor(s): Zach Branson

Michael Cooper Stanley *

Uncertainty Quantification for Ill-
Posed Inverse Problems in the Physical
Sciences: Confidence Intervals via
Optimization and Sampling
Advisor(s): Mikael Kuusela

Lorenzo Tomaselli **

Robust Simulation-Based Inference
with Application to Epidemic Models
Advisor(s): Larry Wasserman

Ian Waudby Smith *

Advances in Anytime-Valid
Sequential Inference
Advisor(s): Aaditya Ramdas

Weichen Wu *

Statistical Inference for Policy
Evaluation in Reinforcement Learning
Advisor(s): Alessandro Rinaldo

STUDENT-DEFINED MAJOR

BACHELOR OF ARTS

Art and Visual Studies in Cultural Context

- ◆ Alison Grace Zheng

Heinz College of Information Systems and Public Policy

DEAN OF THE COLLEGE

Ramayya Krishnan

SCHOOL OF INFORMATION SYSTEMS AND MANAGEMENT

Andrew Wasser, Associate Dean

SCHOOL OF PUBLIC POLICY AND MANAGEMENT

Jacqueline Speedy, Associate Dean

HEALTH CARE POLICY

MASTER OF SCIENCE

Health Care Analytics and Information Technology

Sara Clemente
Aditya Jyotindra Deshmukh
India Etheridge
Sharon John
Hae Won Jung
Jewel Yoko Kentilitisca
Mason M. Kim
Sri Sivashakti Swaroop Komaragiri
Po-Tung Kuo
Michelle Marianne Menachery
Grace Jane Siu
Anahita H. Subramanya
Huating Sun
Nicolle E. Vigil
Wei Yu

INFORMATION SECURITY POLICY MANAGEMENT

MASTER OF SCIENCE

Information Security Policy and Management

Mendsaikhan Amarjargal
Cole Callahan
Katherine Whitney Jurasek Crandell
Meghna Prashant Desai
Bri Dincau
Sophie Katherin Golunova
Ethan Patrick Guthrie
Alyssa Rahne Hartman
Emily Lauren Harvey
Alex Curtis Hewitson
Yanting Hu
Yiwen Hu
Ziyue Huang
Hashim Ikram

Tra-Vaughn James
Srinidhi Kameneni
Yung-Chi Kuo
Jinghuan Lin
Jiacheng Liu
Srikamakshi Mahesh
Priyanka Mall
Sai Sashank Mallampati
Jasmin Narisetty
Eunice Inioluwa Olasoko
Meet Pratap Patel
Mouni Amol Pendharkar
Nisaruj Rattanaaram
Sneh Pradipkumar Sadaria
Khushi Mitesh Shah
Yan Tian
Vaman Venkatesh
Yang Wang
Yi Yang

INFORMATION SYSTEMS AND MANAGEMENT

MASTER OF INFORMATION SYSTEMS MANAGEMENT

Business Intelligence and Data Analytics

Faraz Ahmad *
Kiranmayi Anupindi **
Brett James Armour
Sahana Baggaon Gajendra **
Han Bao **
Olivia Jane Beattie
Abhinav Bhargava
Khushi Sandeep Bhuwania **
Michael Treece Bogush **
Aditi Brahmajosyula **
Fanxing Bu
Andrzej Witold Buniowski **
Hilda Estela Calderon
Yixiang Cao
Grace Marie Chao

Danyang Chen **
Haoran Chen **
Haosong Chen **
Huankang Chen *
Yilong Chen **
Yiwen Cheng **
Yehuda D. Colton **
Khushali Daga **
Yifan Dai **
Yangyong Deng *
Zixuan Deng **
Brandon Matthew Des Jardins
Gautam Dayananda Devadiga *
Kristen Gabriella Dmello *
Saicharan Emmadi
Nirisha Shamila Eppalapalli **
Yaya Fan
Bonnie Chinwe Fosam
Trevor Wilson Foster
Sushanth Reddy Gangireddy **
Zhijie Gao
Nirvik Singh Gill **
Ian Scott Hash
Haochen He **
Runyu He **
Jacob Allen Horton
Kuan-Ming Hou
Lifu Hsu *
Ting-Yu Hsu *
Xiaoyu Hu **
Zheming Hu **
Pratyush Jain **
Lehar Jaiswal **
Seon Young Jhang
Fan Jiang **
Xiaotong Jiang *
Anni Kang **
Jyoti Girdhari Khanchandani **
Aditya Narendra Kolpe **
Qingxuan Kong
Aditya Abhay Kulshreshtha
Jui-Wen Lee

Yufei Lei **
 Ria Satwik Lele **
 Daochen Li **
 Shun Li
 Yi Li **
 Yongbo Li **
 Yuntao Li **
 Yingyuan Lin **
 Junxuan Liu **
 Nayuan Liu *
 Yuting Liu **
 Parth Ajay Lokhande **
 Ryan Lu **
 Aarya Rajesh Makwana **
 Abhishek Mandal
 Joseph Martin Mannino
 Shrenya Mathur
 Tithi Mathur **
 Natalie Jean McGrath
 Leesa Robin Menezes
 Yuhan Miao **
 Harshit Nanda **
 Shashank Nanda Kumar *
 Shreyas Nopany
 Santhoshkumar Panneerselvam *
 Swapnil Hetalkumar Panwala
 Tirth Vipul Parekh **
 Jaeun Park
 Sungmyeon Park
 Kovidh Pathak **
 Zheng Peng **
 Remington Cole Ponce-Pore
 Aishwarya Pramod
 Ponnamparambil **
 Chitra Raghavendrarao
 Krishnarao **
 Dhruv Rakesh **
 Suryaa Raman Suryaa Raman
 Mariana Ramirez Duque *
 Shreya Bharat Raut
 William Joseph Rianda
 Swastik Samaddar Chowdhury
 Kavi Sarna
 Pierre Patrick Serrano **
 Kshitij Tushar Shah **
 Ziyi Shan **
 Wenqi Shen **
 Vatsal Uday Sheth **
 Yuhan Song **
 Bian Sun *
 Hongyun Sun **
 Pongsakorn Supakpanichkul
 Varun Dinesh Talreja **
 Dhruv Tangri
 Kaixin Tian **
 Yixin Tian **
 Bochen Wang **
 Chenqi Wang **

Kevin Wang
 Xiaotong Wang **
 Xinxuan Wang **
 Zhenjian Wang **
 Zirui Wang *
 Haowen Weng **
 Pimchanok Witayaweerasak
 Rui Xi **
 Dinghua Xiao **
 Yunqing Xiao **
 Xiao Yan
 Zheyu Yan **
 Tanyue Yao **
 Chu-Chun Yen
 Andrew Robert Zeiss
 Mingqi Zeng **
 Haodong Zhang **
 Yifan Zhang **
 Zheng Zhang **
 Zhiyang Zhang **
 Yijie Zheng **
 Junyi Zhu **
 Zichen Zhu **
 Zexin Zou **

Information Systems Management

Aditya Aayush **
 Ademitunde Olubukunmi Abike
 Adenuga
 Dharmesh Vishwajit Agase
 Muskan Aggarwal **
 Nikhil Anand Bangalore **
 Jatin Artwani **
 Aradhya Asthana *
 Nirbhay Sharad Bagmar **
 Nikhitha Beedala **
 Alankrit Bhardwaj **
 Yukta Bhartia
 Margi Sunil Bhatt **
 Sayli Abhay Bhavsar **
 Sumedh Madhav Bhoir
 Sanhita Bhowmik
 Abhishek Bora **
 Sujana Bora
 Katherine Elizabeth Burgess **
 Claire Chang **
 Hung-Yi Chang **
 Jih-Renn Chang **
 Shyuan Chang
 Vishal Chatterjee
 Anjali Milind Chaudhari **
 Abhineet Chaudhary **
 Siyu Chen **
 Tongren Chen **
 Wangyuan Chen **
 Wen-Chian Chen **
 Hoklam Cheung **
 Shreya Sri Chinta **

Mahak Chopra **
 Ashutosh Ravindra Choudhari **
 Ida Clayes *
 Hao Cui **
 Nisheet Das
 Soheli Das **
 Aryan Deora
 Amogh Desai **
 Jeevana Desai **
 Sahil Desai **
 Rutuja Sadanand Deshpande
 Kshitij Dibakar Dhara **
 Anran Du **
 Benjamin John Farrah **
 Peiwen Feng **
 Yingjie Feng **
 Ahmad Furqan **
 Dhriti Amritlal Gada **
 Sushma Padmini Gadepalli
 Shulei Gao **
 Lidia Ghosh
 Rohan Ghosh
 Sai Ajay Ghule **
 Shreyansh Goenka **
 Aman Goyal **
 Zindzi Mikal Kai Griffin **
 Yifan Gu **
 Rebhav Guha **
 Ayush Gupta **
 Shivani Gupta *
 Yashi Gupta *
 Kimaya Samir Hajarnis **
 Shuzheng He **
 Nachiketa Hebbar **
 Hemalatha Jayanne Gowda **
 Ching-Yen Ho
 Mbalenhle Blair Holt **
 Chia-Yu Hsu **
 Yunqing Hu **
 Lawrence William Hua **
 Youyou Huang
 Zhuowen Huang
 Lingquan Hui **
 Yash Sanjay Hulsurkar
 Ya-En Hung **
 Aditya Baban Jadhav **
 Arushi Jain **
 Roshan Jain **
 Yash Jaiswal **
 Haomiao Ji **
 Yueyue Ji
 Fan Jiang **
 Akihiko Jo **
 Shreyas Kailasanathan
 Raslan Mohamed Kamal Batcha **
 Tanishq Sanjeev Kandoi **
 Manjunath Karagada Panindra **

Anvesha Anup Kumar Katariyar **
 Rupali Bapusaheb Kavale **
 Snehal Ishwar Khandve **
 Vardhan Bhadresh Khara **
 Vinayak Khare
 Sai Krishna Akhil Kilambi **
 Ashay Vinodkumar Koradia
 Nishal Krishnappa **
 Atharva Sanjay Kulkarni **
 Anmol Kumar **
 Roopam Kumar **
 Ariel Kwak
 Priya Rajkumar Lalwani **
 Qiaoyu Leng **
 Zecheng Li **
 Zehao Li **
 Zixin Li **
 Jinqiu Liang **
 Anran Lin **
 Bingjie Liu **
 Shuxin Liu **
 Xiaohan Liu **
 Jike Lu **
 Mario Christi Lusandry *
 Haokai Ma **
 Yuwen Ma **
 Madhav **
 Sanjana Sanjay Madhekar
 Miles Victor Maltbia
 Swanuja Ashwinikumar Maslekar **
 Anushka Ashok Mehta **
 Aakarsh Mirle Somasundar
 Shwetika Praveen Moily **
 Shambhavi Ravindra Mokadam
 Yogita Mukhija *
 Goutam Mukku **
 Himansh Mukesh Mulchandani
 Vimbai Muyengwa
 Varshitha Mysore Suresh **
 Pranav Naik **
 Yurui Niu **
 Ashish Palli
 Aakash Panchagnula **
 Apoorva Parampalli Manohar
 Herle **
 Radha Nikunj Kumar Parikh
 Tanay Nirav Parikh **
 Shivani Amarsingh Patil
 Rohit Penti
 Rickston Pinto **
 Rahul Naresh Pujari **
 Yutian Qiu **
 Zhanchu Quan **
 Swathi Seetharam Rai *
 Neha Rudraraju
 Rohan Sahni
 Anesha Santhanam **
 Pushkar Pradeep Saraf

Maitreya Sunil Sawai **
 Rheann Erica Sequeira *
 Aagam Parag Shah **
 Jainet Rakesh Shah **
 Vyom Priyesh Shah **
 Yukti Amit Shah **
 Parth Sharma **
 Vagisha Sharma **
 Aashna Anand Shetty **
 Nihali S. Shetty **
 Isha Shrikant Shingote **
 Qin Shu **
 Rahul Shyamsunder Gaikwad
 Ahmed Abdulnaim Siddiqui **
 Aakash Ajay Singh
 Priyanshi Singh **
 Riya Singh
 Shubham Singh
 Siddharth Singh **
 Vidushi Singh **
 Era Singla **
 Medha Sinha
 Sarvesh Siras
 Rugved Ajay Somwanshi **
 Yuanping Song
 Vignesh Sridhar *
 Ayushman Srivastava *
 Chun-Chuan Sun **
 Jingxuan Sun **
 Maitri Akshay Surti **
 Shreya Tallam **
 Piyush Mahendra Talreja *
 Soham Thakur *
 Yuki Tomotaki **
 Ayush Tripathi
 Wan-Ting Tsai
 Vihan Pradeep Tyagi
 Shruti Singh Ujlan **
 Dhwani Vasani
 Rohit Velampalli **
 Dhanush Venkataramu **
 Neil Sandeep Vibhute
 Harsh Vora **
 Bingchen Wang **
 Yiming Wang **
 Yujia Wei **
 Zhiyuan Wei **
 Ivan Wiryadi
 You Wu **
 Runsheng Xu **
 Ananya Yadav **
 Anuj Subhash Yadav
 Shivam Yadav
 Madhav Yagnik **
 Hui Yang
 Praneet Sathyanarayana Yavagal **
 Sharvari Yeole **

Kaizhong Ying **
 Tsz King Yip **
 Kinza Yousaf **
 Zewei Yu **
 Lingrui Zeng **
 Pengrui Zeng **
 Steven Zhang
 Junzhe Zhou **
 Yirui Zhu *

DOCTOR OF PHILOSOPHY

Nikhil George
 Advancing Workforce Insights:
 Skill and Mobility Analysis
 with Non-Traditional Data
 Advisor(s): Christophe Combemale,
 Ramayya Krishnan, Rahul Telang
 Naveen Thotadamane Basavaraj
 Essays on Technology-Driven
 Societal Change
 Advisor(s): Uttara M. Ananthakrishnan,
 Beibei Li, Ananya Sen, Michael D. Smith

INFORMATION TECHNOLOGY

MASTER OF SCIENCE

Information Technology - Business Intelligence and Data Analytics

James Daniel Boazzo
 Han Han *
 Jia Liu
 Matthew James McMonagle
 Jinzo Eduardo Nakakawa Montes
 De Oca
 Ramsey Slim *
 Michael Van Buren
 Cooper J. Zhu **

Information Technology - IT Management

Eniola Zainab Akintayo **
 Steven Michael Althardt
 Andres Abnel Ayure
 Kylan T. Carlson
 Taylor Jarl
 Alfredo Lozano **
 Neeraj Mathur **
 Sean Seepersaud
 Siddharth Sharma
 David Su *
 Quinn Tian *
 Shaopeng Zhang **

Information Technology - Information Security and Assurance

Daryl Andershock *
 Francis Kofi Anim
 Corneliu Burca **
 Robert Daniel Conrad

Bruce William Crane
 Brian Ross Crosby
 Kaylyn Casey Curran **
 Ian Hart
 Gary Francis Higgins
 Dmitry Kucher
 Jeremy R. Lammon **
 Lorenzo Matthew Leonard **
 Joshua Lincicum *
 Tevin Jamar Manuel **
 Bryan Scott Martyn
 Brenton Thomas McKinney *
 Kevin Andrew Minerich
 William R. Nichols
 Christine Sayuri Pelione *
 Jacob Podgorski
 Cole Alexander Ragan Scully *
 Leopoldo Ramirez
 Allen West *
 Eric Zielinski *

Information Technology - Information Systems Management

James Scott MacGuidwin
 Ragid (Ray) Shammass

PUBLIC POLICY AND MANAGEMENT

MASTER OF MEDICAL MANAGEMENT

Medical Management

Michael Matthew Barna
 Nicole Anne Bonk
 Sarah Meredith Call
 Harry Ernest Capone
 Benjamin Neil Doga
 Babatope Olayinka Fatuyi
 Sidney Marc Fletcher
 Shaunda Katrise Grisby
 Michelle Hjelm
 Deepti Bala Kallam
 Angelos Katramados
 Mary Elizabeth Keebler
 Amanda Case Logue
 Matthew Jared Majzun
 Marcene R. McVay Gillam
 Amy Taylor Nathan
 Umair Nazir
 Imran Qadeer
 Hema Rai
 Mhammad Said Semrin
 Chang Sung Shin
 James Clifford Solava
 Stephanie T. Walsh
 Deval Zaveri

MASTER OF PUBLIC MANAGEMENT

Public Management

Sean Patrick Burke
 Isabelle Claire Glassmith
 Yin Kwan Lorraine Li Hagerty *
 Monica Monique Harrison **
 Jenny Lee Hurst
 Esmatullah Jafari
 Stephanie Lee Kambic
 Carina Paige Martin *
 Eric Von McAllister II
 Paris Alexander Norman
 Kari Leone Ogbara
 Jessica Dawn Shrive *
 Anna G. Taylor

MASTER OF SCIENCE

Public Policy and Management

Busola Dorcas Adeshina
 Nasteho Abdoulaziz Ahmed
 Jaimie An
 Christian Andino Borrero
 Mariia Andreieva
 Adriana Lorena Avitia Palma
 Seung Gyu Baik **
 Nickolas Campbell Bartel
 Laila Tasneem Bera
 Jonathan William Brodak
 Nathan Cassidy Brooks
 Zhenyu Cao
 Sixuan Chen
 I-Ting Chien
 Lina Jo-Yee Choe
 Faith Lauryn Christian
 Jacob Cribbs
 Yutong Deng
 Noelle Sofia Dreizin
 Julia Ann Duken
 Samantha Araceli Elizalde
 Bethel Yalew Endawoke *
 Amin Asad Esmail Zadeh *
 Francisca Espinoza Figueroa
 Jordan Marie Fields **
 Felix Fosu
 Jiarong Gao
 Cristina Maria Goeller
 Manuela Guevara **
 Anthony Michael Haynes
 Yile He
 Eder Kevin Hernández Justo
 Bryan Moises Hernandez Benitez
 Natalia Hernandez Berrios
 Alexandra Lura Hraniotis
 Danning Ashley Hu
 Phidor Kong
 Leah Claire Canfield Koyle

Jongmin Lee
 Jiaqi Li
 Qing Lin
 Aubrey Ann Lutz
 Wesley Adair Mawn
 Rachel Lynn Miner
 Henri Neblina
 Lily Fei Neilsen
 Tristan McCormick Ohler
 Laura Alejandra Ospina
 Mario Andres Ottero Cricco
 Benjamin Ryan Petro
 Alyssa Marie Quintero
 Kent Laurence Labe Rodriguez **
 Reena Kristine Samuel
 Laura Santos
 Cameron C. Shapiro
 Morgan Neil Shaw
 Lauren Taylor Slim
 McKay Malcolm Smith
 Tasneem Sultana
 Landon Jack Summers
 William Yuelin Tang
 Joe Paruvanikal Thomas
 Conglei Wang
 Litong Wang
 Vincent T. Wang
 Sydney-Anne Wilczynski
 Yun Zeng
 Bokai Zhang
 Ariel Zych

Public Policy and Management - Data Analytics

Abdulaziz Alisher O'g'li
 Abdulakhadov
 Duaa Baig
 Shambhavi Bhushan
 Jeremy Joseph Bruton
 Jingyu Chen
 Baixuan Du
 Yunrong Feng
 Meriem Fouad
 Quintessa J. Guengerich
 Yu Guo
 Kaiqi Kaia Hu
 Simon Isaza-Villegas
 Heng Jiang
 Ashwin Kandath
 Hossein Khoshhal
 Chenkai Lin
 Xinqiao Luo **
 Gareth A.L. Minson
 Hafsa Nawaz
 Hieu Han Nguyen
 Xinyi Ouyang
 Miguel Alejandro Rivera-Lanas
 Grace George Sam

COLLEGE DEGREE LISTINGS

Raj Shah
Masahiko Shinjo
Riddhima Singh
Yusuf Pradana Aji Surya
Megan Leigh Ty
Jhanvi Udani
Manqiao Wang
Xiao Xu
Anqi Yang
Xiaotong Yang
Zhihan Yang
Huiru Zhong
Ying Zhou
Zhiwen Zhu

DOCTOR OF PHILOSOPHY

Mateo Dulce Rubio
Robust Nonparametric Methods
for Peacebuilding
Advisor(s): Eli Ben-Michael,
Silvia Borzutzky, Edward H. Kennedy,
Larry Wasserman

Ashley Elizabeth Orr
Understudied Structural Barriers
Constraining Workers: Frictions to
Geographic and Economic Mobility
Advisor(s): Brian Kovak,
Lowell Taylor, Erina Ytsma

Ryan Steed
Evaluating Algorithmic Systems
for Privacy and Accountability
Advisor(s): Alessandro Acquisti,
Rayid Ghani, Steven Wu

Daniel Patrick Stock **
Essays in Labor and Manufacturing
Advisor(s): Felix Koenig,
Brian K. Kovak, Lowell Taylor

Mellon College of Science

DEAN OF THE COLLEGE

Barbara Shinn-Cunningham

DEAN OF CARNEGIE MELLON UNIVERSITY, QATAR

Michael A. Trick

BIOLOGICAL SCIENCES

Gordon Rule, Interim Department Head

CHEMISTRY

Bruce Armitage, Head of the Department

MATHEMATICAL SCIENCES

Prasad Tetali, Head of the Department

PHYSICS

Rachel Mandelbaum, Interim Department Head

STUDENT-DEFINED MAJORS

Maggie Braun, Associate Dean of Undergraduate Affairs
for the College

BIOLOGICAL SCIENCES

BACHELOR OF ARTS

Biological Sciences

Jinyoung Choe *

John Sebastian Cost

Minor: Computational Biology

Daniel John Ibrahim

Juliann Alexandra Mattis

Additional Major: Creative Writing

Minor: Film and Media Studies

Prerna Mukherjee *

Minor: Hispanic Studies

Jisoo Song Yeo **

BACHELOR OF SCIENCE

Biological Sciences

◆ Aziza Abugaliyeva

Minor: Neuroscience

◆ Mariam Amgad Hossam

Abdellatif Afifi

Minor: Business Administration

◆ Aldana Subhi Mohammad Al Disi

Minor: Professional Writing

Sara Mohamed Al Hamadi *

Amna Ali Al Quradaghi

Noran Omar Ganim Al-Safar

Fajar Hamad Al-Shamari

Hadeel Khalid N.A. Al-Ansari

Wadad Albdulaziz Almuftah

◆ Majed Bader M.A. Alnama

Nicolas Alvarado

Sara Khalid Alyafei *

Margaret Gregoria Vargas Blair

◆ Ethan Michael Caine

Taiyo Adriaan De Jong

Additional Major: Japanese Studies

Ahmed El-Deyasty

Jasmin Alex Gohn

◆ Noémie Sophie Gomes-Jourdan **

Minor: Computational Biology

Julien R. Gomez

Minor: Computational Biology

◆ Aidan Collier Greenaway

Additional Major: Computational Biology

Malak Hany Hussein Al Kamel

◆ Amalia Ruth Kamon

Minor: Computational Biology

◆ Emma Alexandra Kulbida

Minor: Computational Biology

Aramchan Michael Lee

Additional Major: Computational Biology

◆ Elizabeth I. Masyukova

Minor: Computational Biology

◆ Makayla Beth McCreary

◆ Theo Mulligan Mohideen **

Molly Nakpairat

Minor: Biomedical Engineering

◆ Nour Nasrallah

Minor: Business Administration

◆ Grace Locci Oualline

Additional Major: Computational Biology

Jason Roman Palacios

Minor: Biomedical Engineering

◆ Hyun Il Rhee

Lexi Blu Rios

Minor: Chemistry

◆ Riley Acosta Legacy Santiago

Minor: Biomedical Engineering

Minor: Hispanic Studies

Jacob Hunter Slackman

Minor: Computational Biology

◆ Olivia Margaret Tomm **

◆ Muaz Asim Topal

◆ Jessica Montana Wei

◆ Allison Michelle Wivagg

Minor: Computational Biology

Minor: Game Design

◆ Xinyi Yin

Minor: Chemistry

◆ Eugene Luke Yoon

◆ Zhihao Zhang

Biological Sciences and Psychology

◆ Jordan Yi-Tong Hsieh

◆ Angelique Pham **

◆ Chelsea Ting Ting Yang

Biological Sciences - Neuroscience Track

◆ Anna Rita Cappella

Additional Major: Professional Writing

◆ Anastasia Young Chung

Neuroscience

Anika Nandini Bhagavatula

Additional Major: Human-
Computer Interaction

◆ Catherine Lindsay Condon

Emily Ralphaela Headen

◆ Matthew Lih-Ren Hou

Minor: Chemistry

◆ Eleanor McKenna Ickes

Adaeze Ilodiana

Minor: Chemistry

◆ Molly Kinstle

Minor: Psychology

Malini Grace Komanduri

Colette Shing-Yue Lee

Destiny Juyoung Lee

Minor: Biomedical Engineering

◆ Joanna Grace Lumanas

Alexandra Grace Masse

Minor: Biomedical Engineering

◆ Ritika Mehta

Minor: Artificial Intelligence

Minor: Computer Science

Rebecca Mei Moglin

Minor: Business Administration

Anees Shiraz Mohideen

Additional Major: Computer Science

Skriti Ranak Nakkeeran

Additional Major: Decision Science

◆ Isha Dinesh Nambisan

Minor: Business Administration

Gabriela Andrea Petit

◆ Tijana Slepcev

◆ Grace Tang

Minor: Business Administration

Cheryl Wang

Taha Zirapury

MASTER OF SCIENCE

Biotechnology and Pharmaceutical Engineering

Mackenzie Juliann Anderson **
 Jackeline Loraine Barillas **
 Xueying Cheng **
 Karissa Yun Choy **
 Bhavya Dharmik Dave **
 Chetan Roger Dhanjal **
 Alex Bradford Ezerins **
 Haoxiang Li **
 Tianyi Liu **
 Pratham Jagruti Kirti Lotia **
 Hanyang Luo **
 Catherine Ma **
 Zhicen Mao **
 Arunaa Nagarajan Ganesan **
 Santhoshi Paladugu **
 Weifeng Wu **

Computational Biology

Darin Truong Boyes
 Zirui Chen
 Xinrong Du
 Yaoyuan Gan
 Minhyek Jeon
 Dunhan Jiang
 Shweta Susan Jones *
 Shashank Katiyar **
 Tyler Jacob Katz
 Zhuoqun Li
 Litian Liang
 Gaole Lin
 Chang Liu
 Ray Liu
 Yitian Ma
 Leila Michal
 Rohit Nandakumar
 Shivank Sadasivan
 Yucheng Shao
 Dongbo Sun
 Hung-Te Wu
 Yinuo Yang
 Linqi Zhang
 Wanxing Zhang
 Michael Mingyang Zheng **
 Yuning Zheng
 Jonathan Alexander Zhu

Quantitative Biology and Bioinformatics

Andres Chousal Cantu
 Anam Kidwai **
 Lalithashruthi Rajaraman
 Tung-Yaw Tsai **
 Meiven Yang

Quantitative Biology and Bioinformatics - Advanced Study

Anagha Anil **
 Srashti Salil Bajpai **
 Anna Montague Bolling **
 Xuanyu Dong **
 Yen-Hsiang Huang **
 Manpreet Kaur **
 Vara Siddhi Satyanagalakshmi
 Mounika Kavuri **
 Shih-Ying Lin
 Yujung Lin **
 Andrew David Lutsky **
 Xianda Ma **
 Rohan Munoth **
 Manjot Nagyal **
 Sanjana Pinnamaraju **
 Arpitha Padakandla Rao
 China Ryu **
 Yinuo Xu **
 Zhihao Yang **
 Qiyyi Yu **
 Xiao Lei Zhang **

DOCTOR OF PHILOSOPHY

Julia Kathleen Badyna **
 The Role of Task Events, Environmental
 Uncertainty and Striatal Activity in
 Modulating Decision Strategies
 Advisor(s): Eric Yttri
 Samantha Bryce **
 Regulation of Human Atlastin
 Fusion Activity
 Advisor(s): Tina Lee
 Anne C. Meyer **
 New Hypotheses of Cell Type Diversity
 and Novelty from Comparative Single-
 Cell Transcriptomics in Echinoderms
 Advisor(s): Veronica Hinman
 Eunsol Park
 Cell Type- and Layer-Specific
 Inhibitory Synaptic Plasticity
 During Associative Learning
 Advisor(s): Alison Barth
 Gary Robert Wilkins Jr. **
 Improved Protein Interaction Models
 Advisor(s): Robert F. Murphy
 Mo Zhu **
 Visualizing Learning-Related Plasticity
 in Neuronal Subtypes of the Superficial
 Layers in the Mouse Barrel Cortex
 Advisor(s): Alison Barth

CHEMISTRY

BACHELOR OF ARTS

Chemistry

Thomas Anthony Scopino
 Additional Major: Environmental
 and Sustainability Studies
 Selma Unver
 Additional Major: Psychology

BACHELOR OF SCIENCE

Chemistry

◆ Kaitlyn Lee Chung
 Ronald Ross Davenport
 ◆ Joseph T. Dosch
 Minor: Biomedical Engineering
 ◆ Jack William Hall
 Minor: Environmental and
 Sustainability Studies
 ◆ Camden Ray Johnson
 ◆ Jacob Cody Kadir
 Minor: Gender Studies
 ◆ Jiale Lu
 Additional Major: Computer Science
 ◇ Timothy Justin Ma
 Minor: Robotics
 ◇ DJ McCarthy
 ◆ Liam Andrew McDowell
 ◆ Sydney Rose Kaier Prescott
 Additional Major: Environmental
 and Sustainability Studies
 Abide Meryem Sarac
 ◆ Yuyang Shang
 Minor: Japanese Studies
 Suhaas Suraj Sontyana
 ◆ Morgan Marit Van Der Linde
 Additional Major: Science,
 Technology and Public Policy
 ◆ Soren Ames Westrey
 ◆ Chaise Mackenzie Wolf
 Minor: Art
 ◆ Cici Yasi Yau
 Additional Major: Business Administration
 ◆ Daniel Ye
 Minor: Business Administration

Chemistry - Biological Chemistry Track

Lora Kallenberg
 Minor: Social and Political History
 Karthik Alejandro Krishnamurthy
 Allison McAninch
 ◆ Stella Maris Trickett
 Minor: Biomedical Engineering
 ◆ Wesley Tseng **
 Minor: Computational Biology

MASTER OF SCIENCE

Chemistry

Kiara Naomi Vrhovnik Baker **
 Daniel Bonomo
 Kaitlyn Lee Chung
 Seth Monroe Goldberg **
 Sunipa Goswami
 L. Anthony Jahng
 Camden Ray Johnson
 Khidong Kim
 Leticia Madureira **
 Dhruv Sharma **
 Joshua Tippet
 Jessica Vinskus *

Soren Ames Westrey
Daniel Ye

DOCTOR OF PHILOSOPHY

Nisha Hasija *

Fluorescent Tools for Bioimaging and Industrial Process Development of Antibody-Drug Conjugates
Advisor(s): Bruce Armitage

Kriti Kapil *

Synthesis of Protein-Polymer Hybrids by Aqueous Photo Atom Transfer Radical Polymerization
Advisor(s): Krzysztof Matyjaszewski

Zhen Liu **

Machine Learning for Molecular Reactivity Predictions
Advisor(s): Olexandr Isayev

Zhongyu Liu *

Near-Infrared Photoluminescence and Electron-Phonon Interactions of Atomically Precise Gold Nanoclusters
Advisor(s): Rongchao Jin

Jason D. Orlando

Functional Graphenic Material Composites: A Bioactive Approach to Bone Regeneration
Advisor(s): Stefanie Sydlik

Parameswar Pal

Kinetic Investigation of the Catalytic Cycles of Iron Tetraamido Macrocyclic Ligand Catalysts (Fe-TAML) in Activating Hydrogen Peroxide and Hypochlorite to Oxidize Polycyclic Aromatic Hydrocarbons (PAHs)
Advisor(s): Terrence J. Collins

Jared Paris *

Biochemical and Spectroscopic Studies of Iron Containing Metalloenzymes: Expanding the Realms of Iron Enzyme Catalysis
Advisor(s): Yisong Guo

Ankita Puri

Tuning the Geometry and Electronic Structure of Metal Complexes via Hydrogen Bonding Interactions: Experimental and Computational Investigations
Advisor(s): Isaac Garcia Bosch

Walker Vickery **

Preparation of Polymer-Grafted Graphene Oxide Nanocomposites and Degradation of Graphenic Materials
Advisor(s): Stefanie Sydlik

Riley Weatherholt

Oxidative Remediation, Droplet-Accelerated Chemistry and Transformation Product Analysis of Halogenated Micropollutants by High-Resolution Mass Spectrometry
Advisor(s): Ryan Sullivan

Michelle Elise Wolf **

Covalent Functionalization of Graphene Oxide with Biomolecules for Enhanced Bone Regeneration and Vascularization in Bone Defects and in vitro Cell Culture Monitoring Advances
Advisor(s): Stefanie Sydlik

INTERDISCIPLINARY STUDIES

MASTER OF SCIENCE

Data Analytics for Science

Francisco Javier Abollado Mugica

Ananya Agrawal

Aarin Amin

Chehak Arora

Amine Bouayad

Ananya Chembai

Erick David Cohen

Sanika A. Gokakkar

Akshay Gupta

Kirpapreet Kaur

Sahana Krishna Murthy

Sophia Elisavet Kurz

Hyunseok Lee

Junyuan Li

Edward Kevin Love

Alexander Joseph Mekovsky

Aaditya Hari Nair

Andrew Normandin

Marius Chinonso Nwobi

Aswathama Shanmugam Marimuthu

Achintya Srikanth

Franco Ignacio Valdés Navarro

Alekhyia Reddy Vittalam

Bingcheng Wang

Yaning Wu

Sashank Yalavarthy

Guantong Zhang

MATHEMATICAL SCIENCES

BACHELOR OF SCIENCE

Computational Finance

◆ Emre Alptuna

◆ Siyan Chen

Minor: Behavioral Economics

Minor: Drama

◆ Pedro Figueira De Mello Rodrigues

Additional Major: Economics and Statistics

◆ Alexey Makrushin

Minor: Machine Learning

◆ Pitchaya Paramavej **

Jason Shi

Minor: Business Administration

◆ Aniruddh Venkatesh Vasishta

Minor: Computer Science

◆ Jiazhe Wang

Additional Major: Statistics and Machine Learning

◆ Yihang Xia **

Minor: Computer Science

◆ Lufei Yang

Additional Major: Statistics and Machine Learning

◆ Tianyou Zheng

Additional Major: Statistics and Machine Learning

Mathematical Sciences

Alexander George Adams

Additional Major: Computer Science

◆ Gabriel Ciccu Falcon Lins **

Minor: Physics

◆ Michael Jinhuan Cui

◆ Brandon Jiang Dong

Additional Major: Computer Science

◆ Weizhen Gao

◆ Charles Lee Gong

Additional Major: Computer Science

Additional Major: Philosophy

Christina Yoojung Kwon

Lincole W. Li

◆ Idael Ramon Martinez-Perez

Alexander Taeyang Palmer

Minor: Business Administration

Niyanth Rao

◆ Lauren Jessica Schmutz

Minor: Computational Finance

Minor: Computer Science

Siddharth Srinivasan

◆ Leo Coleman Stephenson

◆ Robert Charles Trosten

W. Theo Waitkus **

◆ Chongzhi Wang

Minor: Computer Science

◆ Jacob Christopher Weiner **

Cindy Xu

Minor: Statistics

◆ Sharon Lynn Xue

◆ Xinyue Yang

◆ Iris Ye

Minor: Computer Science

Minor: Statistics

◆ Colin D. Yip

◆ Kevin You

Minor: Physics

◆ Zhehan Yu

Mathematical Sciences - Computational and Applied Mathematics

◆ Kevin Cao

Additional Major: Computer Science

Dennis Chau

◆ Angela Le Chen **

Minor: Music Technology

◆ Shuyang Chen

Ryan Duan

Minor: Computer Science

Jiayin Feng

Minor: Computer Science

Minor: Music Technology

◆ Animesh Ghose

Additional Major: Artificial Intelligence

Mia Alecia Madriaga Goins

Anishka Jain **

Minor: Computational Finance

Jongyeon Lee

Shihan Li

◆ Yikai Li

Additional Major: Statistics
and Machine Learning

Vivian Yawei Liu

Haozhan Ma

Malikaa Abhijit Marathe

Minor: Business Administration

◆ Vera Maximovna Mazeeva

Additional Major: Computational Biology
Minor: Statistics

Nikhila Nanduri

Kinapal Ester Snow Paguyo

Jack Stephen Parkhouse **

Minor: Computer Science

Amanda Jeanette Perez

Minor: Physics

Russell Robert Ramsay

◆ Amy Zi MacLean Stephen

Minor: Computer Science

Howard L. Tang **

Minor: Computer Science

Ziyang Wang **

◆ Jennifer Xu **

Liusi Xu

Abhi Yadagiri

◆ Junyi Yuan

Additional Major: Business Administration

◆ Zhebin Zhao

**Mathematical Sciences - Discrete
Mathematics and Logic**

Arohee Bhoja

Youbin Cho

Additional Major: Computer Science

◆ Xinyu Cui **

Additional Major: Computer Science

◇ Nathaniel Deyak

Additional Major: Computer Science

◆ Cassidy Diamond

Nicole Fang **

Minor: Computer Science

◆ Maxim Grebinskiy

Additional Major: Computer Science

◆ Gerald Conan Kim

Additional Major: Computer Science

◆ Joshua Jaehyun Kim

Nicholas Dean Maus **

Additional Major: Computer Science

Sasha Mishkin

Minor: Linguistics

◆ Divyaansh Sinha

Additional Major: Computer Science
Minor: Social and Political History

◆ Albert Yuanjie Zhang

Additional Major: Computer Science
Minor: Computational Finance

Eric Sabre Zheng **

Minor: Computer Science

Minor: Physics

**Mathematical Sciences - Operations
Research and Statistics**

◆ Caroline Maire Connolly

◆ Ashley Faye DiOdoardo

Minor: Business Analytics
and Optimization

Julia Mae Jeckering

Youwei Jiang **

◆ Rhea Kalra

Minor: Computer Science

◆ Emily Wenxin Ma

Minor: Computational Finance

Minor: Computer Science

Lucy Meissner

◆ Jenny Ou

Minor: Computer Science

Abigail Lauren Schmid

Mathematical Sciences - Statistics

Kwaku Bimpong

Lucy Anne Blazquez

Adel Nassim Heddadji

Minor: Computer Science

Minor: Machine Learning

◆ Reed Hannes Luttmer

◆ Ayush Mediratta

Additional Major: Computer Science

◆ Ashwin Ramanathan

Additional Major: Statistics
and Machine Learning

◆ Dominick R. Robinson

Minor: Creative Writing

◆ Wen Yuan Shen

◆ Lauren Brooke Stampfli

Minor: Computer Science

◆ Rick Sun

Minor: Computer Science

◆ Xueer Wang

◆ Bradley Xu

Minor: Computer Science

MASTER OF SCIENCE**Mathematical Sciences**

Gabriel Ciccu Falcon Lins **

Aidan Copinga **

Adam Hill

Justin N. Hsieh

Dorian Kidonakis

Robert Charles Trosten

Zhehan Yu

DOCTOR OF PHILOSOPHY

Wesley Caldwell

Non-Local Phase Transitions

Advisor(s): Irene Fonseca, Giovanni Leoni

Wei Dai *

Aspects of Graphing Ergodic

Equivalence Relations

Advisor(s): Clinton Conley

Jakob Andrew Hofstad

On Concentration of the Independence

Number for Random Graphs

Advisor(s): Tom Bohman

Jiannan Jiang

Universal Approximation of
Discretization-Invariant Operator
Learning, and Convergence of HDG
Schemes Under Minimal Regularity

Advisor(s): Noel Walkington

Shukun Long

On Markovian Projections for Itô
Semimartingales with Jumps

Advisor(s): Martin Larsson

Pedro Ezequiel Marun *

Spaces, Trees and Labelled Sets

Advisor(s): James Cummings

Heather Amelia Newman

New Directions in Approximation and
Online Algorithms for Clustering

Advisor(s): Benjamin Moseley

Jingmin Sun

Architecture, Analysis and Applications
of Multi-Operator Learning

Advisor(s): Hayden Schaeffer

PHYSICS**BACHELOR OF SCIENCE****Physics**

◆ Mei-Tung Mio Chen

◆ Yiheng Chen

Matthew Hunter Dakin

Minor: Computer Science

Leo Hsu

Minor: Machine Learning

Minor: Mathematical Sciences

◆ Ved Kenjale

Minor: Computer Science

Minor: Mathematical Sciences

◆ Yunshu Li

Minor: Chemistry

Minor: Neural Computation

Diego Nicolas Michel

◇ Zachary Muraskin

Anh Mai Ramirez

◆ Leo Coleman Stephenson

Haley Joi Williams

◆ Yiqun Xie

Elai Yu

Physics - Applied Physics Track

◆ Lucas James Salinero

Minor: Artificial Intelligence

Physics - Astrophysics Track

◇ Reed Barmada

◆ Alice Frances Crafford

Minor: French and Francophone Studies

Minor: Mathematical Sciences

Sahil Jain **

Gwyneth Andrea Luster

Jacques Lamonze Moye

◇ Sarah Ann Pelesky

◆ Dylan Vega Rossi

Additional Major: Creative Writing

Physics - Biological Physics Track

- ◆ Joshua M. Bennett
Minor: Chemistry
- ◇ Lauryn Marie McKenna
- ◆ Iris Gitanjali Nagpal Reed

Physics - Computational Physics Track

- ◇ Anna Chegwin Engel
Minor: Machine Learning
- ◆ Allison Helen Weller
Minor: Engineering Studies
Minor: Social and Political History

Sarah Skinner *

Lattice QCD Studies of the Low-Lying Delta and Lambda Resonances in Meson-Baryon Scattering
Advisor(s): Colin Morningstar

Wesley Thomas Terrill

Targeting Low Energy Leptons in High Energy Physics: A Search for Compressed Mass-States Beyond the Standard Model
Advisor(s): John Alison

Malavika Varma

Cholesterol Distribution and Raft-Like Phase Behavior in Asymmetric Lipid Membranes
Advisor(s): Markus Deserno

Physics - Quantum Physics Track

- ◇ Claire Elizabeth Gist

MASTER OF SCIENCE

Physics

Hassan Albuhaيران
Xinyue Chen
Zhenhong Cui
Aniruddha Datta
Sena Durgut
Erdem Yigit Ertorer
Seamus Finn Gallagher
Jose Daniel Gaytan Villarreal
Vahid Hassanzade
Aniket Khanal
Keerthi Kunnumkai
Irvin Martinez Rodriguez
Hannah Skobe
Sofia Splawska
Nathaniel Wesnak
Zhenghong Wu
Shuchen Zhang
Yuntong Zhou

DOCTOR OF PHILOSOPHY

Can Onur Akyuz

The Schwinger-Keldysh Formalism from an Effective Field Theory Perspective
Advisor(s): Riccardo Penco

Logan Carpenter **

Growth, Proliferation and the Pursuit of Fitness: How Cell-Scale Forces Shape Competitive Population Dynamics
Advisor(s): Shiladitya Banerjee

Omar El-Refy **

On the Modulation of the Short Latency Reflex in the Locomoting Human
Advisor(s): Randall Feenstra

Diptajyoti Mukherjee

Accelerating the Next Frontier of Gravitational Waves: Advanced Computational Methods and Simulations
Advisor(s): Hy Trac

Kuldeep Sharma

From Dwarf Galaxy Halos to Intermediate-Mass Black Holes: Exploring Star Cluster Evolution and Constraining the LMC Mass
Advisor(s): Carl Rodriguez

School of Computer Science

DEAN OF THE SCHOOL

Martial Hebert

DEAN OF CARNEGIE MELLON UNIVERSITY, QATAR

Michael A. Trick

RAY AND STEPHANIE LANE COMPUTATIONAL BIOLOGY DEPARTMENT

Russell Schwartz, Head of the Department

COMPUTER SCIENCE DEPARTMENT

Srinivasan Seshan, Head of the Department

HUMAN-COMPUTER INTERACTION INSTITUTE

Brad A. Myers, Director of the Institute

LANGUAGE TECHNOLOGIES INSTITUTE

Mona Diab, Director of the Institute

MACHINE LEARNING DEPARTMENT

J. Zico Kolter, Head of the Department

ROBOTICS INSTITUTE

Matthew Johnson-Roberson, Director of the Institute

SOFTWARE AND SOCIETAL SYSTEMS DEPARTMENT

Nicolas Christin, Head of the Department

STUDENT-DEFINED MAJORS

Thomas Cortina, Associate Dean for Undergraduate Programs

COMPUTATIONAL BIOLOGY

BACHELOR OF SCIENCE

Computational Biology

- ◆ Kieran Sebastiaan Carroll
Minor: Neural Computation
Sarah Kay Fisher
Daphne Han
Minor: Design for Learning
- ◆ Julia Afton Holz
Additional Major: Artificial Intelligence
- ◆ Yaxuan Liu
- ◆ Lydia Lei Yang

MASTER OF SCIENCE

Automated Science - Biological Experimentation

Shicheng Liu
Zhishan Liu
Yuxin Lu
Jonathan Potter
Yixuan Yin
Yangyuan Zhang
Hanbing Zou **

Computational Biology

Raehash Viral Shah
Max Chaim Shushkovsky

DOCTOR OF PHILOSOPHY

Abhinav Kumar Adduri **
Genome Mining and Machine Learning Algorithms for Natural Product Drug Discovery
Advisor(s): Hosein Mohimani
Monica Therese Dayao **
Machine Learning Methods for the Analysis and Modeling of Highly Multiplexed Spatial Proteomics Data
Advisor(s): Ziv Bar-Joseph

Mustafa Hizirali Guler *

Methods for Identification of Novel Metabolites via Mass Spectrometry
Advisor(s): Hosein Mohimani

Yang Ping Kuo *

Evolutionary Dynamics in Network Structured Populations: Theory and Applications
Advisor(s): Oana Carja

Ruogu Lin **

Bridging Visual Representations in Deep Neural Networks and the Human Brain
Advisor(s): Leila Wehbe

Haotian Teng **

Improving Performance on Unsupervised Biological Tasks with Hybrid Models
Advisor(s): Ziv Bar-Joseph, Carl Kingsford

Donghui Yan *

Discovering Novel Polyketide and Saccharide Natural Products Through Integrated Computational Mass Spectrometry and Microbial Genome Mining
Advisor(s): Hosein Mohimani

Tianming Zhou **

Integrative Machine Learning Models for Spatial Biology
Advisor(s): Jian Ma

- ◆ Atto Henri Antero Allas
Minor: SCS Concentration in Computer Systems
Minor: SCS Concentration in Principles of Programming Languages
Alejandro Almanzar Gonzalez
Minor: SCS Concentration in Computer Systems
Yosef Alsuhaibani *
Minor: SCS Concentration in Principles of Programming Languages
Senam Ama Anaglate
Minor: Cybersecurity and International Conflict
- ◇ Eman Ansar
Minor: SCS Concentration in Machine Learning
- ◆ Vibha Arramreddy **
Shaheer Aslam
Minor: SCS Concentration in Robotics
- ◆ Aarav Bajaj
Minor: SCS Concentration in Machine Learning
- ◆ Elijah Karl Baraw
Minor: SCS Concentration in Computer Systems
- ◆ Yashika Batra
Minor: SCS Concentration in Machine Learning
- ◆ Zachary Tyler Battleman
Minor: Mathematical Sciences
Minor: SCS Concentration in Principles of Programming Languages
- ◆ Tanay Bennur
Additional Major: Artificial Intelligence
Luke Michael Berg
Minor: Business Administration
- ◆ Cody Berger
Minor: Military Strategy and International Relations
Minor: SCS Concentration in Security and Privacy
Nitya Bhat
Minor: SCS Concentration in Human-Computer Interaction
Md Tasnim Bin Akbar
Minor: Mathematical Sciences

COMPUTER SCIENCE

BACHELOR OF SCIENCE

Computer Science

- ◆ Jack Roberto Aguilar
Minor: Mathematical Sciences
Minor: SCS Concentration in Principles of Programming Languages
- Ege Aksun
Minor: SCS Concentration in Computer Systems
- Aya Ahmed Khalfan Al Sabahi
Minor: Game Design
- ◆ Maimoonah Al-Mashhadani
Minor: Business Administration
- Abdulwahab Mohammed Al-Rumaihi
Minor: Psychology

- ◆ **Cassidy Elaine Bolio ****
Minor: Mathematical Sciences
- ◆ **Kyle Thomas Booker**
Minor: SCS Concentration in Computer Systems
Minor: SCS Concentration in Principles of Programming Languages
- ◆ **Luca Giovanni Borletti**
Minor: SCS Concentration in Computer Systems
- ◆ **Muhammad Boughoula**
Minor: Mathematical Sciences
- ◆ **Eamon J. Brady**
Minor: Innovation and Entrepreneurship
- ◆ **Daniel Ian Brown**
Minor: SCS Concentration in Machine Learning
- ◆ **Madeleine Koh Brutin**
Minor: Mathematical Sciences
- ◆ **Matei Budi**
Minor: SCS Concentration in Computer Graphics
- ◆ **Tra Phuong Bui**
Minor: Business Administration
- ◆ **Thang Ngoc Bui-Nguyen ****
Minor: Business Administration
Minor: SCS Concentration in Computer Systems
- ◆ **Ayca Bulbul**
Minor: SCS Concentration in Security and Privacy
- ◆ **Ivan Burgert**
Minor: SCS Concentration in Computer Systems
- ◆ **Maggie Cai**
Minor: Computational Finance
Minor: SCS Concentration in Human-Computer Interaction
- ◆ **Esther Cao**
Minor: Mathematical Sciences
Minor: SCS Concentration in Algorithms and Complexity
- ◆ **Qingyang Cao**
Minor: SCS Concentration in Computer Systems
- ◆ **Amy Saskia Cavet**
Minor: SCS Concentration in Algorithms and Complexity
- ◆ **Suyeon Cha**
Minor: Computational Finance
- ◆ **Theodore James Chemel ****
Minor: SCS Concentration in Robotics
- ◆ **Elliot Leigh Chen**
Minor: SCS Concentration in Security and Privacy
- ◆ **Andrew Chen ****
Additional Major: Artificial Intelligence
- ◆ **Angela Le Chen ****
Cathleen Lilian Chen
Minor: SCS Concentration in Machine Learning
- ◆ **Claire Chen Chen**
Minor: SCS Concentration in Machine Learning
Minor: SCS Concentration in Security and Privacy
- ◆ **Hao Chen ****
Minor: SCS Concentration in Computer Systems
- ◆ **Qinghan Chen**
Minor: SCS Concentration in Computer Systems
- ◆ **Shuyang Chen**
- ◆ **Yunchu Chen**
Minor: Statistics
- ◆ **Yutian Chen**
Minor: Mathematical Sciences
- ◆ **Lexin Cheng**
Minor: SCS Concentration in Computer Systems
- ◆ **Maxwell Y. Chien**
Minor: SCS Concentration in Computer Systems
- ◆ **David Joon Choi**
Minor: SCS Concentration in Computer Systems
- ◆ **Shreya Choksi ****
Minor: SCS Concentration in Human-Computer Interaction
- ◆ **Soumyaditya Choudhuri ****
Minor: SCS Concentration in Computer Systems
- ◆ **Harrison Le Chui ****
Minor: SCS Concentration in Robotics
- ◆ **Miles J. Conn ****
Minor: SCS Concentration in Computer Graphics
- ◆ **Mateo J. Correa ****
Minor: SCS Concentration in Computer Systems
- ◆ **William E. Crenshaw**
Minor: SCS Concentration in Language Technologies
- ◆ **Michael Jinhuan Cui**
- ◆ **Olivia Cwik ***
Additional Major: Philosophy
- ◆ **Tingting Da**
Minor: Mathematical Sciences
- ◆ **Hajer Dahmani**
Minor: Product Management
- ◆ **Jackson Daniel Daggett**
Minor: SCS Concentration in Robotics
- ◆ **Nader Daruvala**
Minor: SCS Concentration in Computer Systems
- ◆ **Archan Das ***
Minor: Innovation and Entrepreneurship
- ◆ **Spandan Das**
Minor: SCS Concentration in Machine Learning
- ◆ **Cassidy Diamond**
- ◆ **Charles Licheng Ding**
Minor: SCS Concentration in Machine Learning
- ◆ **Jesse Ding ****
Minor: SCS Concentration in Software Engineering
- ◆ **Ruchika Dixit ****
Minor: Sonic Arts
- ◆ **Ally Yalei Du**
Additional Major: Mathematical Sciences
- ◆ **Trey Edward Dubose**
Minor: Music
Minor: SCS Concentration in Computer Graphics
- ◆ **David F. Durdaller**
Minor: SCS Concentration in Security and Privacy
- ◆ **Olivia Rose Duvanich ****
Minor: Mathematical Sciences
- ◆ **Brian Charles Eidson ****
Minor: Mathematical Sciences
- ◆ **Jackson Christopher Ellinger ****
Minor: SCS Concentration in Computer Systems
- ◆ **Emily Estrada**
Minor: SCS Concentration in Security and Privacy
- ◆ **Michelle Suyi Feng**
Minor: SCS Concentration in Human-Computer Interaction
Minor: SCS Concentration in Machine Learning
- ◆ **David Fletcher**
Minor: SCS Concentration in Machine Learning
- ◆ **Abdelrahman Galal Gadelrab Gadelmoula**
Minor: SCS Concentration in Computer Systems
- ◆ **Allen Rui Gao**
Minor: Business Administration
- ◆ **Jacky Gao**
- ◆ **Weizhen Gao**
- ◆ **Julia Ann Garland**
Minor: SCS Concentration in Human-Computer Interaction
- ◆ **William Hunter Gay**
Additional Major: Mathematical Sciences (Discrete Mathematics and Logic)
- ◆ **Joanna Lujia Ge ****
Minor: SCS Concentration in Computer Systems
- ◆ **Andrey Genze**
Minor: SCS Concentration in Computer Systems
- ◆ **Yonah Samuel Goldberg ****
Minor: SCS Concentration in Computer Systems
- ◆ **Run Qian Gong**
Minor: Computational Finance
- ◆ **Aaron Lior Gostein ****
Minor: SCS Concentration in Algorithms and Complexity
- ◆ **Ethan Gu**
Minor: Mathematical Sciences
- ◆ **Yilan Gu ****
Minor: SCS Concentration in Machine Learning
- ◆ **Feiyang Guan**
Minor: SCS Concentration in Machine Learning
- ◆ **Yuan Guan**
Minor: Logic and Computation
Minor: Mathematical Sciences
Minor: Philosophy
- ◆ **Kaan Gucyetmez**
Minor: SCS Concentration in Machine Learning
- ◆ **Aileen Guo**
Minor: SCS Concentration in Principles of Programming Languages
- ◆ **Emily Guo**
Additional Major: Artificial Intelligence
Minor: Drama
- ◆ **Arth Gupta**
Minor: SCS Concentration in Algorithms and Complexity

- Nelly Ann Hadlaw**
Minor: SCS Concentration in Machine Learning
- Gabriel Owen Hall**
Minor: SCS Concentration in Software Engineering
- ◆ **Jiaheng Han**
Additional Major: Mathematical Sciences
- ◆ **Tianhui Han**
Minor: Creative Writing
Minor: Mathematical Sciences
- ◆ **Margaret Chunying He**
Minor: SCS Concentration in Human-Computer Interaction
- Miranda-Yuliana Moreno Herrera**
Minor: SCS Concentration in Human-Computer Interaction
- Albert James Hoe ****
Minor: Economics
- ◆ **Liam Jacob Hower**
Minor: Game Design
- ◆ **Justin N. Hsieh**
- ◆ **Junwei Huang**
Minor: SCS Concentration in Machine Learning
- ◆ **Susan Huang**
Minor: Psychology
- ◆ **Yi-Cheng Huang**
Minor: Mathematical Sciences
- ◆ **Ran Huo**
Minor: Psychology
Minor: SCS Concentration in Computer Systems
- Heba Hussein**
- Lolwa Khalid Ibrahim**
Minor: Arabic Studies
- Adithya Jaganathan**
Minor: Business Administration
- Advika Jayanti**
Minor: Innovation and Entrepreneurship
- Tyrece Dre Shan Jeffrey**
Minor: SCS Concentration in Software Engineering
- ◆ **Anvi Abhay Joshi ****
Minor: SCS Concentration in Machine Learning
- ◆ **Shing Kam ****
Minor: SCS Concentration in Robotics
- ◆ **Hao Kang**
Minor: SCS Concentration in Computer Systems
- Isha Kanodia**
Minor: Drama
- ◆ **Kunal Kapoor**
Minor: SCS Concentration in Machine Learning
- ◆ **Divya Kartik ****
Minor: Animation and Special Effects
Minor: SCS Concentration in Machine Learning
- Daanish Khan**
Minor: Tech Entrepreneurship
- ◆ **Mihir Khare ****
Minor: Statistics
- ◆ **Eric Jefferson Kim**
Additional Major: Mathematical Sciences
- ◆ **Gyeongwon James Kim**
Minor: SCS Concentration in Algorithms and Complexity
- ◆ **Joshua Jaehyun Kim**
- ◆ **Ryan Chanhee Kim**
Seonghun Kim
- ◆ **Taekseung Kim**
Minor: Mathematical Sciences
- Andrew Paul Klepchick**
Minor: SCS Concentration in Machine Learning
- ◆ **Alexandra Kathleen Dunn Knox**
Minor: Mathematical Sciences
Minor: SCS Concentration in Computer Systems
Minor: SCS Concentration in Principles of Programming Languages
- ◆ **Elizabeth Maxine Dunn Knox**
Minor: Mathematical Sciences
Minor: SCS Concentration in Algorithms and Complexity
Minor: SCS Concentration in Computer Systems
- ◆ **Nicholas Lynn Kocurek**
Minor: Mathematical Sciences
- ◆ **David Krajewski**
Minor: SCS Concentration in Computer Graphics
- Shobiitaa Krishna**
Minor: Professional Writing
- ◆ **Preethi Krishnamoorthy**
Additional Major: Robotics
- ◆ **Theodore Kroening**
Minor: SCS Concentration in Computer Systems
- ◆ **Neeharika Reddy Kurelli ****
Minor: SCS Concentration in Machine Learning
- ◆ **Ethan Ta Ky**
Minor: SCS Concentration in Computer Systems
Minor: SCS Concentration in Robotics
- ◆ **Aria Lakhmani ****
Minor: Mathematical Sciences
- ◆ **Ryan Wy Heen Lau**
Additional Major: Physics/
Computational Physics Track
- Bukuru Bruce Le Bon**
Minor: SCS Concentration in Robotics
- ◆ **Anna Lee**
Minor: SCS Concentration in Computer Systems
- Katelynn Rae Lee**
Minor: Cognitive Neuroscience
- ◆ **Baijia Li**
Minor: Business Administration
- ◆ **Mingxuan Li**
Minor: SCS Concentration in Machine Learning
- ◆ **Rui Li**
Minor: SCS Concentration in Principles of Programming Languages
- ◆ **Shizhuo Li**
Minor: SCS Concentration in Machine Learning
- ◆ **Zhifei Li**
Minor: Computational Finance
Minor: Engineering Studies
- ◆ **Duan Liang**
Minor: Game Design
- ◆ **Runzhe Liang**
Minor: Mathematical Sciences
- ◆ **Deya Liao**
Additional Major: Film and Visual Media
Minor: Social and Political History
- ◆ **Peiyuan Liao ****
Minor: SCS Concentration in Computer Systems
- ◆ **Alan Lin**
Minor: SCS Concentration in Machine Learning
- ◆ **Hong Lin**
Minor: Physics
Minor: SCS Concentration in Computer Systems
- ◆ **Vincent Lin ****
Additional Major: Mathematical Sciences
- Alexander S. Litzenberger ****
- ◆ **Anrui Liu**
Minor: Mathematical Sciences
Minor: SCS Concentration in Principles of Programming Languages
- ◆ **Cindy Liu**
Minor: SCS Concentration in Computer Systems
- Elizabeth Liu ****
Minor: SCS Concentration in Human-Computer Interaction
- ◆ **Haohui Liu ****
Minor: SCS Concentration in Machine Learning
- ◆ **Junyi Liu**
Minor: SCS Concentration in Computer Systems
- ◆ **Roland Liu**
Minor: SCS Concentration in Computer Systems
- ◆ **Yumeng Liu ****
Minor: Computational Finance
- ◆ **Zhexian Liu**
Additional Major: Statistics
- ◆ **Tze Hng Loke ****
Minor: SCS Concentration in Software Engineering
- Katherine Jingwen Lu ****
Minor: SCS Concentration in Computer Graphics
- ◆ **Yuhua Luo**
Minor: Engineering Studies
- ◆ **Alvaro Luque**
Minor: SCS Concentration in Computer Systems
- ◆ **Nick Yingtai Ma**
Minor: SCS Concentration in Machine Learning
- ◆ **Ray Elim Man**
Minor: Game Design
- ◆ **Ria Manathkar**
Additional Major: Human-Computer Interaction
- ◆ **Naman Mansukhani ****
Minor: SCS Concentration in Computer Systems
- ◆ **Amaad Jalil Martin ****
Minor: SCS Concentration in Machine Learning
- ◆ **Sheryl Mathew ****
Minor: SCS Concentration in Language Technologies
- ◆ **Joseph Michael McLaughlin**
Minor: SCS Concentration in Human-Computer Interaction

- ◆ **Aditya Kumar Mittal**
Minor: SCS Concentration in Machine Learning
- ◆ **Karthik Kumar Mittal**
Minor: SCS Concentration in Machine Learning
- ◆ **Robert Alexander Mones**
Minor: SCS Concentration in Robotics
- ◆ **Carlos Adolfo Montemayor ***
Minor: SCS Concentration in Computer Systems
- Kayden Lee Damron Moreno**
Minor: SCS Concentration in Machine Learning
- ◆ **Connor Reynolds Clay Mowry**
Minor: SCS Concentration in Algorithms and Complexity
- Keerti K. Mukkamala ***
Minor: SCS Concentration in Human-Computer Interaction
- ◆ **Stephen Sungjae Nah**
Minor: Physics
Minor: SCS Concentration in Principles of Programming Languages
- ◆ **Rithika Narayan**
Additional Major: Robotics
- Hieu Trung Nguyen Tran**
Minor: SCS Concentration in Security and Privacy
- ◆ **Katerina Ann Nikiforova**
Minor: SCS Concentration in Computer Graphics
- ◆ **Kiera Ellen O'Flynn**
Minor: Linguistics
- ◆ **Matthew Hobson Oates**
Additional Major: Robotics
- ◆ **Alexander Obolenskiy ****
Minor: SCS Concentration in Machine Learning
- Segi Bora Odongo**
Minor: Photography
- Sarah Mei Ou**
Minor: SCS Concentration in Security and Privacy
- ◆ **Iman Ouzzani**
Minor: History
- ◆ **Benjamin P. Owad ****
Minor: SCS Concentration in Computer Systems
- Benedict Irabor Ozua**
Minor: SCS Concentration in Computer Systems
- ◆ **Md Azmain Adib Pahlowan**
Minor: Business Administration
- Akshra Paimagam ****
Minor: SCS Concentration in Computational Biology
- ◆ **Siyu Pan**
Minor: Engineering Studies
- Aditi Pradnya Pande**
Minor: Business Administration
- ◆ **Shalini Panthangi ****
Minor: SCS Concentration in Computational Biology
- ◆ **Siddharth Parekh**
Minor: SCS Concentration in Machine Learning
- ◆ **Natasha R. Parker ***
Minor: Mathematical Sciences
- Anuha Parvataneni ****
Minor: Psychology
- ◆ **Krishna Patel ****
Minor: Animation and Special Effects
- ◆ **Jeffrey Yesudason Paulraj**
Minor: Computational Finance
- Wadih Antonio Pazos ****
Minor: SCS Concentration in Machine Learning
- Talhah Peerbhai**
Minor: Tech Entrepreneurship
- ◆ **Aresh Pourkavous**
Minor: Mathematical Sciences
- Hanna Qasim**
Minor: History
- Shutong Qi**
Minor: Business Administration
- ◆ **Yuqi Qiu**
Minor: SCS Concentration in Software Engineering
- Earl Louis Belostrino Quilling**
Minor: Professional Writing
Minor: SCS Concentration in Principles of Programming Languages
- Gaia Rajan**
Additional Major: Creative Writing
- Oswaldo Ramirez**
Additional Major: Mathematical Sciences
Minor: SCS Concentration in Algorithms and Complexity
- Vaishnavi Ranganathan ****
Minor: SCS Concentration in Computational Biology
- Alexander Osher Rasskin**
Minor: SCS Concentration in Language Technologies
- ◆ **Abigail E. Reese**
Minor: Media Design
- ◆ **Micah Isaac Reich ****
Minor: SCS Concentration in Robotics
- ◆ **Jackson Thomas Romero ****
Minor: SCS Concentration in Computer Systems
- ◆ **Jessica W. Ruan**
Minor: SCS Concentration in Computer Systems
- ◆ **David Eric Rudo ****
Minor: SCS Concentration in Security and Privacy
- Frank Anthony Sacco ****
Minor: Computational Finance
- ◆ **Emily Carol Sands**
Minor: Psychology
- ◆ **Sebastian Sanso**
Minor: SCS Concentration in Machine Learning
- ◆ **Cole Savage**
Minor: Physics
- ◆ **Gaurika Sawhney**
Minor: Computational Finance
- Samuel Zvi Schaub ****
Minor: SCS Concentration in Computer Graphics
- Heera Chandra Sekhar**
Minor: Business Administration
- ◆ **Aleksei Seletskiy**
Minor: Mathematical Sciences
- ◆ **Marina S. Sha ****
Minor: Mathematical Sciences
Minor: SCS Concentration in Computer Systems
- ◆ **Sajan Bhavin Shah ****
Minor: SCS Concentration in Robotics
- ◆ **Saadiq Shaikh**
Additional Major: Mathematical Sciences
- Matthew Bin Shao**
Minor: Business Administration
- Majed Sharif**
Minor: SCS Concentration in Human-Computer Interaction
- ◆ **Samvitti V. Sharma ****
Minor: SCS Concentration in Algorithms and Complexity
- ◆ **Parth Devendra Shastri**
Additional Major: Mathematical Sciences (Discrete Mathematics and Logic)
Minor: SCS Concentration in Principles of Programming Languages
- ◆ **Austin James Shi**
Additional Major: Mathematical Sciences
- ◆ **Evan Shi**
Minor: SCS Concentration in Computer Systems
- ◆ **Jun Kai Shi**
Additional Major: Mathematical Sciences (Computational and Applied Mathematics)
Minor: Computational Finance
- ◆ **Gil Shteyman ****
Minor: Computational Finance
- Ajax Shung ****
Minor: SCS Concentration in Computer Graphics
- ◆ **Jake Alexander Siegel**
Minor: SCS Concentration in Machine Learning
- Eli Franklin Slothower**
Minor: SCS Concentration in Software Engineering
- ◆ **Hong Sng ****
Minor: Logic and Computation
Minor: SCS Concentration in Computer Systems
- ◆ **Neal Sodhi**
Minor: SCS Concentration in Computer Systems
- ◆ **Maxwell Junde Soh**
Additional Major: Computational Biology
- ◆ **Yerim Song ****
Minor: SCS Concentration in Software Engineering
- ◆ **Raunak R. Sood**
- ◆ **Milo Cho Stone**
Minor: Mathematical Sciences
- ◆ **Yifan Su ****
Minor: SCS Concentration in Robotics
- ◆ **Haoxiang Sun**
Minor: SCS Concentration in Machine Learning
- ◆ **Qilin Sun**
Minor: Mathematical Sciences
- ◆ **Tianyue Sun ****
Minor: Business Administration
Minor: Engineering Studies
- Deepti Sunkara ***
Minor: SCS Concentration in Human-Computer Interaction

- ◆ Aaron Hankang Tan
Minor: Mathematical Sciences
- ◆ Grace Tang
Minor: SCS Concentration in Robotics
- ◆ Daniel Vladimir Tantsyura
Minor: Neural Computation
- ◆ Makoto L. Tomokiyo **
Minor: SCS Concentration in Computer Systems
- ◆ Emma Yun Tong
Minor: Music Technology
- ◆ Alice Quynh-Anh Tran
Minor: Statistics
- ◆ Connor Tsui
Minor: SCS Concentration in Computer Systems
- ◆ Mathias VanBriesen
Minor: Creative Writing
- ◆ Lorianne N. Vanderveen *
Minor: Machine Learning
- ◆ Mahika Varma
Minor: SCS Concentration in Machine Learning
- ◆ Nathan Vastey
Advait Wadhvani
Minor: Business Administration
- ◆ Alexandra Wald **
Minor: SCS Concentration in Human-Computer Interaction
- ◆ Brady Richard Wales **
Minor: SCS Concentration in Software Engineering
- ◆ Liam R. Walker
Minor: SCS Concentration in Machine Learning
- ◆ Teresa Xinyue Wan
Minor: SCS Concentration in Computer Systems
- ◆ Charlotte Ruiqi Wang **
Minor: SCS Concentration in Algorithms and Complexity
- ◆ Cynthia Wang **
Minor: Discrete Mathematics and Logic
Minor: Philosophy
- ◆ Ethan Wang
Minor: SCS Concentration in Machine Learning
- ◆ Jiakun Wang
Minor: Mathematical Sciences
- ◆ Joey Yu Wang **
Minor: SCS Concentration in Human-Computer Interaction
- ◆ Kevin Jianyu Wang
Minor: Music Technology
- ◆ Qin Wang
Minor: Mathematical Sciences
- ◆ Zhinan Wang
Minor: Business Administration
- ◆ Jack Wei
Minor: SCS Concentration in Computer Systems
- ◆ Yongxi Wei **
Minor: Mathematical Sciences
- ◆ Xiaoyang Wen
Minor: Computational Finance
- ◆ Constantine Alexander Westerink
Minor: SCS Concentration in Software Engineering
- ◆ Khinezin Win **

- ◆ Harrison Bass Wiseblatt
Minor: Discrete Mathematics and Logic
- ◆ Yu Wu
Minor: Physics
- ◆ Yufei Wu
Minor: Social and Political History
- ◆ Yunze Xiao
Minor: Philosophical Computation (Student-Defined Minor)
- ◆ Leon Xie
Minor: SCS Concentration in Computer Systems
- ◆ Ninghua Xu
Minor: SCS Concentration in Computer Graphics
- ◆ Maria Yampolsky
Minor: SCS Concentration in Machine Learning
- ◆ Ellia Yang
Additional Major: Human-Computer Interaction
- ◆ Haocheng Yang
Additional Major: Mathematical Sciences
Minor: SCS Concentration in Machine Learning
- ◆ Haoqin Yang
Minor: Statistics
- ◆ Lijie Yang
Minor: SCS Concentration in Computer Systems
Minor: SCS Concentration in Machine Learning
- ◆ Lydia Lei Yang
- ◆ Xinyue Yang
- ◆ Allen Yao **
- ◆ Jason Lizong Yao **
Minor: SCS Concentration in Computer Systems
Minor: SCS Concentration in Principles of Programming Languages
- ◆ Serena Yip
Minor: Neural Computation
- ◆ Kevin You
Minor: SCS Concentration in Computer Graphics
- ◆ Fatima Yousaf
Minor: Psychology
- ◆ Weiran Yu
- ◆ Felipe Zanforlin Mautner
Minor: Mathematical Sciences
Minor: SCS Concentration in Machine Learning
- ◆ Sara Khaled Zewil
Minor: Business Administration
- ◆ Yiyang Zhai
Minor: SCS Concentration in Machine Learning
- ◆ Beilun Zhang
Minor: SCS Concentration in Algorithms and Complexity
Minor: SCS Concentration in Machine Learning
- ◆ Evan Wu Zhang
Minor: Business Analytics and Optimization
- ◆ Kadin Lu Zhang
Minor: Mathematical Sciences
- ◆ Allen Zheng
Additional Major: Mathematical Sciences

- ◆ Lucas Yixiang Zheng
Minor: Business Administration
Minor: Computational Finance
- ◆ Yixuan Zheng
Additional Major: Mathematical Sciences
- ◆ Zixuan Zheng **
Additional Major: Statistics
- ◆ Nancy Zhong
Minor: Business Analytics and Optimization
- ◆ Michael Hanyang Zhou
Minor: SCS Concentration in Computer Systems
- ◆ Michael Shuyang Zhou
Minor: Mathematical Sciences
- ◆ Andy Qi Zhu
Minor: SCS Concentration in Machine Learning
- ◆ Cindy Zhu
Minor: SCS Concentration in Computer Systems
- ◆ Jiaye Zou
Minor: SCS Concentration in Machine Learning

MASTER OF SCIENCE

Computer Science

- ◆ Zixi An **
- ◆ Haoyang Cai **
- ◆ Nabi Efe Çekirge **
- ◆ Aditya Chanana **
- ◆ Rohan Chawla **
- ◆ Hongzhe Cheng
- ◆ Shivan Dalal **
- ◆ Daniel Ralph Della Vecchia **
- ◆ Sarah Di **
- ◆ Michail Dantas **
- ◆ Derek Scott Duenas
- ◆ Robert Joseph Fuchs **
- ◆ Karthik Balaji Ganesh **
- ◆ Enrico Yidao Green **
- ◆ Ankit Gupta **
- ◆ Hadrien Bertrand Jean Helfgott **
- ◆ Sophia Ho **
- ◆ Benran Hu **
- ◆ Qiru Hu **
- ◆ Rikki Hung **
- ◆ Xinyou Ji **
- ◆ Alvin Lew **
- ◆ Daniel Xinyu Li **
- ◆ Hing Yi Lie **
- ◆ Jesse Zengyu Liu **
- ◆ Yoseph Mak **
- ◆ Jude Markabawi **
- ◆ Robert Paré **
- ◆ Jinsol Park **
- ◆ Devin Qu **
- ◆ Raghu Radhakrishnan **
- ◆ Ashwin Rao **
- ◆ Nathaniel John Rising **
- ◆ Jonathan Sun Rogers **

Charlie Fang Ruan
 Alexis Schlomer **
 Jayesh Singla **
 Emily Mina Song
 Sylesh Kyle Suresh **
 An Tang **
 Man To Tang **
 Yize Tang
 Hongwei Tu **
 Katrina Dreessen Van Laan
 Ines Vignal **
 Aidan James Wagner **
 Patrick Hongyu Wang **
 Jhen-Syuan Wu **
 Meng Hui Wu **
 Calvin Yang **
 Jake Liam Zaia **
 Randy Zhang **
 Zihe Zhao **
 Xun Zhou **

Computer Science - Applied Study

Shubham Bhargava **

Computer Science - Research

Samuel Arch **
 Georgios Orestis Chardouvelis *
 Margarida Ferreira *
 Tianqin Li **
 Evan Michael Lohn *
 Junxi Song *
 Emanuel Tewolde
 Afonso Tinoco *

Computer Science - Research Thesis

Rohini Banerjee
 Kefan Cao
 Lawrence Dorian Chen *
 Saransh Chopra **
 Tae Hoon Kim **
 Suhas Kotha
 Trevor Michael Leong *
 Owen Li
 Tianwei Li
 Xin Yue Amanda Li **
 Tongzhou Liao
 Ethan George Mackey
 Unn Seo Park
 Prakruthi Pradeep **
 William Yunsoo Seo *
 Alex Tianyi Xu
 Piratach Yoovidhya *
 Justin Zhang

DOCTOR OF PHILOSOPHY

Jatin Arora *
 Provably Efficient Coscheduling
 of Computation and Memory
 Through Disentanglement
 Advisor(s): Umut A. Acar

Mihir Kiran Bala
 Towards Fully-Autonomous
 Ultra-Light Drones
 Advisor(s): Mahadev Satyanarayanan

Lucio Mwinmaarong Dery *
 On Resource-Efficient Transfer Learning
 via End Task Aware Training
 Advisor(s): Graham Neubig,
 Ameet Talwalkar

Travis J. Hance *
 Verifying Concurrent Systems Code
 Advisor(s): Bryan Parno

Ananya Ashish Joshi
 Event Monitoring in Modern
 Public Health Data Streams
 Advisor(s): Roni Rosenfeld, Bryan Wilder

Praneeth Kacham *
 On Efficient Sketching Algorithms
 Advisor(s): David Woodruff

David Michael Kahn *
 Leveraging Linearity to Improve
 Automatic Amortized Resource Analysis
 Advisor(s): Jan Hoffmann

Shiva K. Kaul *
 Classical Improvements to
 Modern Machine Learning
 Advisor(s): Geoffrey Gordon

Mikhail Khodak *
 The Learning of Algorithms
 and Architectures
 Advisor(s): Maria Florina Balcan,
 Ameet Talwalkar

Jenny Han Lin *
 Formalizing Object Equivalence
 in Machine Knitting
 Advisor(s): James McCann

**Magdalen Ruth Cook Dobson
 Manohar**
 New Techniques in Parallelism and
 Concurrency in Nearest Neighbor Search
 Advisor(s): Guy Blelloch

Peter Manohar *
 New Spectral Techniques in Algorithms,
 Combinatorics and Coding Theory:
 The Kikuchi Matrix Method
 Advisor(s): Venkatesan Guruswami,
 Pravesh K. Kothari

Elisaweta Masserova **
 Distributed Cryptography as a Service
 Advisor(s): Vipul Goyal, Bryan Parno

Yue Niu **
 Cost-Sensitive Programming,
 Verification and Semantics
 Advisor(s): Robert Harper

Anders Øland *
 Efficient Deep Learning
 Advisor(s): Roger Dannenberg,
 Bhiksha Raj Ramakrishnan

Justin Raizes
 Quantum Approaches to
 Verifiable Deletion
 Advisor(s): Vipul Goyal

Dravyansh Sharma *
 Data-Driven Algorithm Design
 and Principled Hyperparameter
 Tuning in Machine Learning
 Advisor(s): Maria Florina Balcan

Eric Mark Sturzinger
 Survival-Critical Machine Learning
 Advisor(s): Mahadev Satyanarayanan

Asher Trockman
 Mimetic Initialization for
 Deep Neural Networks
 Advisor(s): Zico Kolter

Haithem Turki *
 Towards City-Scale Neural Rendering
 Advisor(s): Deva Ramanan

Ranysha Janee Ware *
 Battle for Bandwidth: On the Deployability
 of New Congestion Control Algorithms
 Advisor(s): Srinivasan Seshan,
 Justine Sherry

Justin Alexander Whitehouse **
 Modern Martingale Methods:
 Theory and Applications
 Advisor(s): Aaditya Ramdas, Steven Wu

Daniel Lin-Kit Wong **
 Machine Learning for Flash Caching
 in Bulk Storage Systems
 Advisor(s): Greg Ganger

Juncheng Yang **
 Designing Efficient and Scalable Key-
 Value Cache Management Systems
 Advisor(s): Rashmi Vinayak

Minji Yoon *
 Deep Learning on Graphs: Tackling
 Scalability, Privacy and Multimodality
 Advisor(s): Christos Faloutsos,
 Ruslan Salakhutdinov

Runtian Zhai
 Contextures: The Mechanism of
 Representation Learning
 Advisor(s): Zico Kolter, Pradeep Ravikumar

Yi Zhou
 Towards Scalable Automated Program
 Verification for System Software
 Advisor(s): Bryan Parno

HUMAN-COMPUTER INTERACTION

BACHELOR OF SCIENCE

Human-Computer Interaction

- ◆ **Emily Suhyeon Amspoker**
 Minor: Design for Learning
 Minor: Game Design
- Edgar Angeles**
 Minor: Game Design
- Ananya Chaudhary**
- ◆ **Yuyang Geng**
- ◆ **Terren M. Gurule ****
- ◆ **Gabriella Welch Howse**
 Minor: Design for Learning
- Ebimobowei Alexander Indiamawei**
- Katherine Eloina Karl**
- ◆ **Lynn Chaeryn Kim**
 Minor: Design for Learning
- Jean Louis Ortiz-Santiago**
 Minor: Photography
- ◆ **Rafael Angel Rivera**
 Minor: Game Design
- Janelle Victoria Tecson**
 Minor: Game Design
- Serena Morgan Wecker ***

Vicky Zhou
Minor: Game Design

MASTER OF EDUCATIONAL TECHNOLOGY AND APPLIED LEARNING SCIENCES

Human-Computer Interaction

Ruihan Cao **
Luojia Chen **
Yimei Chen *
Andrea Serena Chisholm *
Shang-Ting Ciou
Mufei He **
Tzu-Yun Huang *
Siwei Jin **
Jiaze Ke *
Yilin Li
Yujie Li **
Zimo Li
Huqi Liu **
Pragati Maheshwary
Dhruvisha Vikas Mondhe *
Dieyu Ouyang **
Yiliu Pan *
Cindy Peng
Yihan Qiao **
Kanghua Qiu *
Michael Sambou
Jingdi Shang **
Cody Michael Soska
Hope Shea Sowle
Hayden R. Stec
Michael Sutton
Eduardo Antonio Trevino
Canwen Wang
Yan Wang
Yiwei Wang **
Siyun Wen **
Muzhe Wu *
Ruiwei Xiao *
Wanting Yang *
Wei Yao *
Manqing Yu **
Mengcheng Yu
Tingxue Yu **
Mingmei Zhang *
Yiyang Zhao **

MASTER OF HUMAN-COMPUTER INTERACTION

Human-Computer Interaction

Lizeth Guadalupe Anaya-Ojeda
Emma Brown
Chance Adrian Castañeda
Megan V. Chai
Ji Soo Choi
Allison Chu

Daniella Marie Escobar
Sijia Fan
Lana Farkas
Esheta Garg
Melissa Ann Gibney
Kennion Taylor Gubler
Lok Hang Hedy Hui
Anika Jain
Naimah Jangha
Elsa Mariam Jerry
Anna Ji
Hanyu (Rebecca) Jiang **
Christian Johnson
Esther Kim
Jasmine Lee
Rina Kim
Soyon Kim
Nikita Kulkarni
Evolone Layne
Logan Lewis
Brenna Lindblad
Divya Mahesh
Zoe Mercado
Riya Mody
Katherine Liu Niu
Alyssa Ogle
Carter Francis Owen
William Page
Sapna Parihar
Jehyo Park
Emmeline Bianca Pujiati
Ashley Sanchez
Aarnav Mangesh Sangekar
William Scott
Zixin Shan
Zoe Xue Er So
Mackenzie Madeline Stewart
Jacqueline Strawbridge
Sanjna Subramanian
Oluwaseun Sule
Katherine Ulinski
Zixiong Wei
Hannah Wittenstein
Storm Milan Wright
Jyaleen Wu
Tiantian Xia
Angela Xuan
Yiyang Zhang

MASTER OF SCIENCE

Human-Computer Interaction

Conrad Borchers *
Wenjia Hu **
Seyun Kim
Sara C. Kingsley **
Tzu-Sheng Kuo *
Qianou (Christina) Ma **

Sanika Moharana
Jordan William Taylor

DOCTOR OF PHILOSOPHY

Lea Elise Albaugh **
Soft Technologies
Advisor(s): Scott Hudson, Lining Yao
Julia Santon Cambre **
Designing for Voice in Context
Advisor(s): Chinmay Kulkarni
Jianzhe Gu **
Computational Design of Morphing
Looped Graph Structures
Advisor(s): Lining Yao
Amber Imogene Horvath *
Meta-Information to Support
Sensemaking by Developers
Advisor(s): Brad Myers
Hyeonsu Kang *
Accelerating Innovation Through
AI-Powered Conceptual Abstraction
and Interaction Design
Advisor(s): Aniket Kittur
Steven James Moore **
Toward Automation to Support
Creation and Evaluation of
Pedagogically Valid Multiple-Choice
Question Assessments at Scale
Advisor(s): John Stamper
Jaemarie Solyst
Empowering Diverse Youth in the
Future of Artificial Intelligence
Advisor(s): Motahhare Eslami,
Jessica Hammer, Amy Ogan
Daniel Phillip Weitekamp **
Building Educational Technology
Quickly and Robustly with an
Interactively Teachable AI
Advisor(s): Kenneth Koedinger
Jason Wu *
Computational Understanding
of User Interfaces
Advisor(s): Jeffrey Bigham
Humphrey Yang **
Beyond Automation: Supporting
Human-Computer Collaboration in
Designing with Active Materials
Advisor(s): Nikolas Martelaro, Lining Yao
Zheng Yao *
Peer Support in Online Communities
Advisor(s): Robert E. Kraut, Haiyi Zhu
Nur Yildirim *
Discovering the Right Things to
Design with Artificial Intelligence
Advisor(s): James McCann,
John Zimmerman

INTERDISCIPLINARY STUDIES

BACHELOR OF SCIENCE

Artificial Intelligence

Karissa Erika Barbu
Minor: Innovation and Entrepreneurship
◆ Anisha Chatterjee
◆ Angela Chen
◆ Siyuan Chen
Minor: Computational Finance
Hugo Jean Michel Rac Contant

- ◆ Abigail Marie Defranco
- ◆ Jacob Arthur Doughty
Emily Lynnfaye Fan
Minor: Game Design
- ◆ Kai Robert Fergerstrom
Minor: SCS Concentration in Robotics
- ◆ Anura Deepak Ghodke
- ◆ Almutwakel K. Hassan
- ◆ Claire Wenting Jin **
Minor: Statistics
- ◆ Anna M. Jo
- ◆ Nithya Ravi Kemp
- ◇ Dongkyun Kim
- ◆ Jaehee Kim
- ◆ Prabhleen Kaur Lamba
Yoonseo Lee
Minor: SCS Concentration in
Human-Computer Interaction
- ◆ Alexander Lyons **
- ◆ Lily Yaxin Ma
- ◆ Rohit Vinod Malhotra
Kaela Faith Marsheck
Michael Thomas Maxwell
Esha Mundra
Minor: Business Administration
- ◆ Aashka Paul Pallath
Minor: Business Administration
- ◆ Ram Potham **
- ◆ Josep Pujadas **
- ◆ Cheng Qian
Additional Major: Statistics
- ◆ Marian Qian
Param K. Sehrawat **
Eric Shau
- ◆ Ayush Shekhar
- ◆ Kuang Shen
- ◆ Mario Can Tutuncu-Macias
Additional Major: Mathematical Sciences
(Discrete Mathematics and Logic)
- ◆ Kathryn Wang *
- ◆ Richard Wu
Minor: Mathematical Sciences
- ◆ Yi Nicole Xiang **
Zihan Yu
- ◆ Ziwen Yuan
- ◆ Yuxin Zheng

General Studies

- ◆ Andres Alarcon Mason **
Minor: Computer Science
- ◆ Jiayu Yan *
Minor: Art
Minor: Computer Science

LANGUAGE TECHNOLOGIES INSTITUTE

MASTER OF COMPUTATIONAL DATA SCIENCE

Computational Data Science

- ◆ Kushagra Agarwal **

- ◆ Lakshay Arora **
- ◆ Mihir Bansal **
- ◆ Xiangyu Bao
- ◆ Yuanxin Cao **
- ◆ Po-Chun Chen
- ◆ Tsung-Yu Chen
- ◆ Yang Chen **
- ◆ Tianyi Cheng
- ◆ Joong Ho Choi **
- ◆ Yee Man Choi **
- ◆ Cheng-Yu Chung
- ◆ Hao-Wei Chung
- ◆ William Leonard Cocke
- ◆ Vanessa Colon
- ◆ Brian Howard Curtin
- ◆ Nivedhitha Dhanasekaran
- ◆ Priyanga Durairaj **
- ◆ Prachiti Pradyot Garge
- ◆ Emily Peng Guo
- ◆ Xuye He
- ◆ Chueh-Hao Huang **
- ◆ Hsuan-Ling Huang **
- ◆ Yi-Che Huang
- ◆ Yung-Wen Huang **
- ◆ Tirth Pradeep Jain **
- ◆ Jaydev Jangiti **
- ◆ Natasha Joseph **
- ◆ Nipun Katyal **
- ◆ Aakriti Kinra **
- ◆ Kunle Li **
- ◆ Mingxin Li
- ◆ Xinru Li
- ◆ Shengnan Liang
- ◆ Haojun Liu **
- ◆ Po-Yi Liu **
- ◆ Qingyang Liu
- ◆ Wenjie Liu **
- ◆ Xinyue Liu
- ◆ Yu Liu
- ◆ Lan Lou **
- ◆ Yutong Luo
- ◆ Fulun Ma **
- ◆ Varun Maddipati **
- ◆ Vibha Srinidhi Masti **
- ◆ Moukhik Misra **
- ◆ Rohan Chirag Modi **
- ◆ Narendran Omprakash **
- ◆ Zian Pan
- ◆ Gerardo Antonio Pastrana Gomez **
- ◆ Aditi Yashwant Patil **
- ◆ Archana Prakash **
- ◆ Sriya Ravi
- ◆ Parth Vipul Sangani **
- ◆ Jyoshna Sarva **
- ◆ Ankit Shibusam **
- ◆ Aryan Singhal **
- ◆ Suhas Thalanki **

- ◆ Qi Wan **
- ◆ Xinran Wan **
- ◆ Minyang Wang **
- ◆ Tengda Wang **
- ◆ Yifan Wang
- ◆ Yu-Kai Wang **
- ◆ Yunjie Wu **
- ◆ Muyang Xu
- ◆ Yitian Xu
- ◆ Yuan Xu **
- ◆ Letian Ye
- ◆ Ruhan Yin
- ◆ Chenglin Zhang
- ◆ Ted Zhang **
- ◆ Jiayang Zhao **
- ◆ Zhong Zheng **
- ◆ Zengliang Zhu **

MASTER OF SCIENCE

Artificial Intelligence and Innovation

- ◆ John Bernardin
- ◆ Athena Dai
- ◆ Madhura Vivek Deshpande
- ◆ Shamika Sunil Dhuri
- ◆ Chiyuan Fu
- ◆ Yujia Gao
- ◆ Nihal John George
- ◆ Wanyao Guo
- ◆ Arushi Gupta
- ◆ Amogh Gyaneshwar
- ◆ Juan Sebastian Hernandez Gomez
- ◆ Geerisha Jain
- ◆ Kritanjali Sanjay Jain
- ◆ Xueying Jia
- ◆ Ansh Khandelwal
- ◆ Anish Kiran Kulkarni
- ◆ Shrey Chengappa Madeyanda
- ◆ Daniel Bain McHale
- ◆ Ajay Mittur
- ◆ Aravind Subramanya Mysore
- ◆ Boyi Qian *
- ◆ Raina
- ◆ Trisha Sarkar
- ◆ Malini Shivaram
- ◆ Shaurya Singh
- ◆ Riya Pravin Singhal
- ◆ Shreya Singhal
- ◆ Charles Shaoxiong Sun
- ◆ Brian Richard Tufts
- ◆ Sai Deepa Reddy Vaddi
- ◆ Rajeev Veeraraghavan
- ◆ Cehong Wang **
- ◆ Yuanjing Wei
- ◆ Chentianye Xu
- ◆ Lan Yan
- ◆ Haoxiang Yu

Intelligent Information Systems

Vanya BK **
 Aadit Deshpande **
 Siddharth Gandhi **
 Akshay Goindani **
 Zhenxiang Guan **
 Zhitong Guo **
 Devansh Jain **
 Nikhil Kandukuri **
 Piyush Khanna **
 Priyanshu Kumar **
 Wenkai Li **
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 Varsha Reddy Redla **
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 Shrikara Balarama Varna **
 Vishruth Veerendranath **
 Siddhant Ramesh Waghjale **
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Intelligent Information Systems - Advanced Study

Luo Qi Chan
 Arjun Choudhry
 Eddie Guo
 Jingyuan He
 Tong Jiao
 Tianyue Ou
 Liwen Sun

Language Technologies

Kwanghee Choi
 Kshitish Ghatge
 Jiarui Liu
 Joel Richard Mire
 Aashiq Muhamed
 Gbemileke Ayangunna Onilude
 Zhen Wu

Language Technologies - Integrated Study

Alex Xie **

DOCTOR OF PHILOSOPHY

Xuankai Chang *
 Everyday Conversation Speech Recognition with End-to-End Neural Networks
 Advisor(s): Shinji Watanabe
 Sang Keun Choe *
 Understanding Training Data in Large-Scale Machine Learning
 Advisor(s): Eric Xing

Carla Luisa de Oliveira Viegas **

Methodology for Studying Emotional, Conversational and Linguistic Facial Expressions
 Advisor(s): Jeffrey Bigham

Hira Yasin Dharmyal

Computational Techniques for Voice Intelligence: Deducing Psychological Factors from Human Voice
 Advisor(s): Rita Singh

Zhengbao Jiang *

Towards More Factual Large Language Models: Parametric and Non-Parametric Approaches
 Advisor(s): Graham Neubig

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Diving Deep into Event Semantics
 Advisor(s): Teruko Mitamura

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Toward Grounded Multimodal Enterprise Document Understanding
 Advisor(s): Carolyn Rose

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Socioculturally Aware Language Technologies
 Advisor(s): Yulia Tsvetkov

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Towards Human-Level Intelligence in Human Actions: Approaches to Understanding and Generation
 Advisor(s): Alexander Hauptmann

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Multimodal Text Classification over Heterogeneous Data Sources
 Advisor(s): Eric Nyberg

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Intelligent Support for Collaborative Learning in Advanced Computer Science Courses: From Worked Examples to Data-Driven Insights
 Advisor(s): Carolyn Rose

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Computational Audition with Imprecise Labels
 Advisor(s): Bhiksha Raj Ramakrishnan, Ramakrishnan, Rita Singh

Muhammad Ahmed Shah

Towards Generalizable Robustness of Deep Learning Models
 Advisor(s): Bhiksha Raj Ramakrishnan

Zhiqing Sun

Scalable Alignment of Large Language Models Towards Truth Seeking, Complex Reasoning and Human Values
 Advisor(s): Yiming Yang

Haoyang Wen

Knowledge-Enhanced Social Content Analysis in Generative Modeling
 Advisor(s): Alexander Hauptmann

Fangzheng Xu

External Knowledge Augmented Language Models for Code Generation and Agents
 Advisor(s): Graham Neubig

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Enhancing Neural Network Performance Through Model-Generated Training Signals
 Advisor(s): Yiming Yang

Shuyan Zhou *

Solving Real-World Tasks with AI Agents
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Hao Zhu *

Artificial Social Intelligence: Challenges, Environments and Mechanisms
 Advisor(s): Yonatan Bisk, Graham Neubig

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Learning Generalizable Visual Representations Towards Novel Viewpoints, Scenes and Vocabularies
 Advisor(s): Alexander Hauptmann

MACHINE LEARNING**MASTER OF SCIENCE****Machine Learning**

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 Animesh Bohara **
 Edoardo Botta **
 Ricardo Buitrago Ruiz **
 Ethan Cheong **
 Arun Chintalapati **
 Pratheek D Souza Rebello **
 Emily Du
 Yiwei Fu **
 Xuchen Gong *
 Sai Koushik Guntakanti **
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 Shrey Gupta **
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Machine Learning - Applied Study

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Machine Learning - Research

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 Learning-Based Approaches to Practical
 Challenges in Multi-Agent Active Search
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 The Dynamics of Optimization
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 Advisor(s): Zico Kolter, Ameet Talwalkar
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 New Perspectives on Optimization:
 Combating Data Poisoning, Solving
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 Towards Theoretical and Empirical
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 Ashwini Pokle
 Deep Equilibrium Models and
 Diffusion Models in Practice:
 Methods for Improving Efficiency
 Advisor(s): Zico Kolter
 Robin Matthias Schmucker **
 Sequence-Modeling for
 Assessments and Interventions in
 Intelligent Tutoring Systems
 Advisor(s): Tom Mitchell
 Chenghui Zhou *
 Generative Models for Structured Discrete
 Data with Application to Drug Discovery
 Advisor(s): Barnabas Poczos

ROBOTICS INSTITUTE

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Computer Vision

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 Jing Gao **
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 Zoe Elizabeth LaLena **
 Haoyue Liu **
 Sihan Liu **
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 Jinjiang You **
 Lifan Yu **
 Rushikesh Balkrishna Zavar **
 Lingran Zhao **
 Qitao Zhao **
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Robotic Systems Development

Tanmay Agarwal
 Khush Ganesh Agrawal
 Yatharth Ahuja
 Annanya
 Paramjit Singh Baweja
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 Shashwat Chawla
 Thomas Detlefsen
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 Shivangi Gupta
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 Parth Nilesh Shah
 Jaskaran Singh Sodhi
 Shahram Najam Syed
 Sri Sashank Undavalli
 Adrian Walker
 Zihan Wan
 Abhishek Warrior
 Austin Gregory Windham
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Robotics

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 Anurag Bagchi
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 Sarthak Bhagat *
 Abena Boadi-Agyemang
 Christopher Thomas Chang *

Yu Chen *
 Yu Quan Chong *
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 Yuanhao Wang
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 Yanbo Xu
 Jennifer Ying Yang *
 Yunchao Yao
 Silong Yong
 John Z. Zhang *
 Shibo Zhao *

DOCTOR OF PHILOSOPHY

Arpit Agarwal *
 A Modularized Approach to Vision-
 Based Tactile Sensor Design Using
 Physics-Based Rendering
 Advisor(s): Ioannis Gkioulekas,
 Wenzhen Yuan

Dominik Bauer
 Creating Tendon-Driven Soft Dexterous
 Robot Hands for the Real World
 Advisor(s): Nancy Pollard
 Raunaq Mahesh Bhirangi **
 Tactile Sensing for Robot Learning:
 Development to Deployment
 Advisor(s): Abhinav Gupta, Carmel Majidi
 Abhijat Biswas **
 Eye Gaze for Intelligent Driving
 Advisor(s): Henny Admoni
 Arkadeep Narayan Chaudhury **
 Moving Lights and Cameras for Better
 3D Perception of Indoor Scenes
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 Kiyn Nakeita Agatha Chin **
 Domesticating Soft Robotics Research and
 Development with Accessible Biomaterials
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 Analysis by Synthesis for
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 Advisor(s): Simon Lucey, Deva Ramanan
 Murtaza Dalal
 Unlocking Generalization for
 Robotics via Modularity and Scale
 Advisor(s): Ruslan Salakhutdinov
 Sudeep Dasari *
 Learning to Manipulate
 Using Diverse Datasets
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 Deep 3D Geometric Reasoning
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 Reconstruction Using Self-Organizing
 Gaussian Mixture Models
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 Jack Henry Good **
 Trustworthy Learning Using
 Uncertain Interpretation of Data
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 Mononito Goswami
 Towards Pragmatic Time
 Series Intelligence
 Advisor(s): Artur Dubrawski
 Cherie Ho
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 Multimodal Robot Feedback
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 Enabling Reliable Model-Based
 Planning with Inaccurate Models
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 Causal Robot Learning for Manipulation
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Zhengyi Luo
 Learning Universal Humanoid Control
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 Interleaving Discrete Search and
 Continuous Optimization for
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 Goal-Expressive Movement for
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 Robotic Planning and Control
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 Plan to Learn: Active Robot
 Learning by Planning
 Advisor(s): Oliver Kroemer,
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 Anthony Tyler Wertz
 Holistic Soft Material Systems for
 Advancing Robotic and Wearable
 Sensing Functionality
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 Yufei Ye *
 Learning to Perceive and Predict
 Everyday Hand-Object Interactions
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 Shubham Tulsiani
 Kevin L. Zhang
 Low-Cost Multimodal Sensing
 and Dexterity for Deformable
 Object Manipulation
 Advisor(s): Oliver Kroemer,
 Manuela Veloso
 Xian Zhou **
 A Generative Paradigm for Building
 Generalist Robots: Infrastructure,
 Scaling and Policy Learning
 Advisor(s): Katerina Fragkiadaki

SOFTWARE & SOCIETAL SYSTEMS

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Information Technology - Privacy Engineering

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Suriya Ganesh Ayyamperumal **
Ibrahim Mohamed Anis Chhaya **
Limin Ge **
Zuofei Hong **
Yuzhe Jilia
Yash Maurya **
Jingxin Shi **
Khinezin Thu Win

Information Technology - Software Engineering

Jonathan M. Foote

Societal Computing

Elijah Lightbourne Claggett **
Alejandro Edmundo Dante Cuevas Villalba **
Matthew Hicks
Zhifei Jin **

Software Engineering

Pedro Goncalo Bravo Mendes **
Hao He **
Sophia Danielle Kolak **
Jenny Ting Liang **
Chenyang Yang **

MASTER OF SOFTWARE ENGINEERING

Embedded Systems

Yijie Cai **
Jack Champagne **
Sirui Chen **
Zhihao Ding **
Tianqi Zhang **

Scalable Systems

Yarra Abozaed **
Nikita Agarwala **
Aditya Ajmera **
Lucas Blanchard **
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Saumya Gangrade **
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Shreya Kuchibhatla **
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Vikram Kumar **
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Rishi Sunder **
Suphanat Supwarodom **
Huanmi Tan **
Wanting Tang **
Snigdha Tiwari **
Qiaochu Wang **
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Software Engineering

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Robert Ross **
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Ryan Spears

Ruchi Thosar **
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DOCTOR OF PHILOSOPHY

Societal Computing

Sudershan Boovaraghavan **
Enabling System Support for General-Purpose Sensing in Smart Environments
Advisor(s): Yuvraj Agarwal

Hongbo Fang *
Network Perspectives on Open Source Sustainability and Novelty
Advisor(s): James Herbsleb, Bogdan Vasilescu

Matthew Hicks
AI-Enabled Social-Cyber Maneuver Detection and Creation
Advisor(s): Kathleen M. Carley

Charity Susan Jacobs
Characterizing State-Sponsored Information Campaigns Through Network Discovery
Advisor(s): Kathleen M. Carley

Catherine King
Effective and Practical Strategies for Combatting Misinformation
Advisor(s): Kathleen M. Carley

Christine Sowa Lepird
Digital Pink Slime: Measuring, Finding and Countering Online Threats to Local News
Advisor(s): Kathleen M. Carley

Software Engineering

Maria da Loura Casimiro **
Self-Adaptive Machine Learning-Based Systems
Advisor(s): David Garlan, Paolo Romano

Kush Dave Jain
Exploiting Test Structure to Enhance Language Models for Software Testing
Advisor(s): Claire Le Goues

Wode Ni **
Authoring Conceptual Diagrams by Codifying Visual Representations
Advisor(s): Kenneth Koedinger, Joshua Sunshine

Nikitha Rao
Navigating Challenges with LLM-Based Code Generation Using Software-Specific Insights
Advisor(s): Vincent J. Hellendoorn, Claire Le Goues

Selva Samuel **
Towards Architecture-Centric Evolution of Connectors
Advisor(s): Jonathan Aldrich

Ryan Randall Wagner
Architecture-Based Graceful Degradation for Cybersecurity
Advisor(s): Matt Fredrikson, David Garlan

Changjian Zhang **
Behavioral Robustness of Software System Designs
Advisor(s): David Garlan, Eusuk Kang

Tepper School of Business

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Minor: Financial Management
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Minor: Statistics
- ◆ Ahana Banerjee **
Additional Major: Human-Computer Interaction
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- John Chang
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- ◆ Alex Jia Teng Chen
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Minor: Computer Science
- ◆ Briana Z. Chen
Additional Major: Human-Computer Interaction
Minor: Decision Science
- ◆ Dena Chen
Minor: Chinese Studies
Minor: Statistics
- ◆ Yuki Chen
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- ◆ Ziqi Chen
Minor: Philosophy
- Xuanhao Cheng
Minor: Statistics
- Saaketh Reddy Chennaiahgari
Minor: Computer Science
Minor: Robotics
- ◆ Timmy Cheung
Additional Major: Decision Science
- ◆ Anisha Sai Chintala
Minor: Human-Computer Interaction
- Jonathan Choi **
Minor: Game Design
- ◆ Kaitlyn Akemi Chow
Minor: Psychology
- ◆ Grace Catherine Conard
Additional Major: Human-Computer Interaction
- ◆ Adam Paul Cornwall
Minor: Economics
- Dereck Albert Corzo
Minor: Innovation and Entrepreneurship

- ◆ **Ayana Mya Curto**
Minor: Technology and Policy
- ◆ **Robert Dai ****
Additional Major: Statistics and Machine Learning
- ◆ **Sahaja Danthurthy**
Additional Major: Statistics and Machine Learning
- Gideon John Deasy**
Additional Major: Decision Science
- ◆ **Jasmine Dong**
Additional Major: Statistics
- ◆ **Yara Doumani**
Minor: International Relations and Political Science
- ◆ **Sebastian Lambros Douchis**
Additional Major: Computer Science
- Abderaouf Draidia**
- ◆ **Jiaying Du**
Additional Major: Decision Science
- ◆ **Olina Du**
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Minor: Computer Science
- ◆ **Sean Joseph Dutton**
Minor: Computer Science
- ◆ **Libby Marie Eichberger**
Additional Major: Decision Science
- Piadora Mohamad El-Chanti**
Minor: Arabic Studies
- Matthew Paul Evert**
Minor: Decision Science
- ◆ **Michael James Fath**
Additional Major: Decision Science
- ◆ **Joyce Tianning Feng**
Additional Major: Environmental and Sustainability Studies
Minor: Human-Computer Interaction
- Alexia Simone Forsyth**
Minor: Human-Computer Interaction
- ◆ **Elizabeth Jian Fu ****
Additional Major: Statistics and Machine Learning
- ◆ **Veronica Mirta Fuentes**
Additional Major: Film and Visual Media
- ◆ **Adeife Oyinkan Gafaar**
Additional Major: Decision Science
- ◆ **Mukhammadjon Gafurov**
Minor: Economics
- ◆ **Sufiyan Gajra ****
Minor: Human-Computer Interaction
- Allan Rodrigo Garcia**
Minor: Economics
- ◆ **Annie Tingyue Geng**
Additional Major: Human-Computer Interaction
Additional Major: Statistics
- Angelica Sarahi Gonzalez**
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- Felix Manuel Gonzalez**
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Minor: Societal and Human Impacts of Future Technologies
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Additional Major: Decision Science
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Minor: Russian Studies
- Itamar Gene Hindi**
Minor: Software Engineering
- ◆ **Amanda Hioe**
Additional Major: Statistics and Machine Learning
- Ashley Kit-Yang Ho**
Additional Major: Decision Science
- ◆ **Irene Hong**
Additional Major: Human-Computer Interaction
Minor: Animation and Special Effects
- Edison Huang**
Minor: Statistics
- ◆ **Taran Ritesh Idnani**
Additional Major: Statistics
- Seyed Meqdad Jafarian**
- ◆ **Kareem Marwan Jamal**
Minor: Policy and Management
- ◆ **Jin-Ah Jeon**
Additional Major: Human-Computer Interaction
- ◆ **Yuanyan Jiang**
Minor: Game Design
- ◆ **Meher Sujay Kaky**
Additional Major: Statistics and Machine Learning
- ◆ **Elijah Samuel Kampine**
Minor: Economics
- Asad Faseeh Kamran**
Minor: Economics
- ◆ **Meha Pushpa Kapur**
Additional Major: Statistics
- ◆ **Vihan Chander Karnala**
Additional Major: Statistics and Machine Learning
Minor: Computational Finance
- ◆ **Nofar Katzav**
Minor: Professional Writing
- Jake Ashok Kavan**
Minor: International Relations and Political Science
- Valia Kavrakis**
Minor: Drama
- ◆ **Christina Kim**
Minor: Societal and Human Impacts of Future Technologies
- ◆ **Arshriya Koul**
Additional Major: Statistics
Minor: Decision Science
- Wyatt David Krisky**
Minor: Decision Science
- ◆ **Robert Michael Kronner**
Minor: Policy and Management
- ◆ **Sowang Kundeling**
Minor: Film and Media Studies
- ◆ **Corbin Drake Kunich**
Minor: Economics
- Jackson Napoleon Lajoie**
Minor: Policy and Management
- ◆ **Kush Lakhotia**
Minor: Economics
- ◆ **Ha Nguyet Le**
Minor: Economics
- Vivian Yuri Lee**
Minor: Decision Science
- ◆ **Zi Jian Liang**
Minor: Statistics
- ◆ **Jenny Xiaoyu Liao**
Minor: Decision Science
- ◆ **Joonyoung Lim ***
Minor: Societal and Human Impacts of Future Technologies
- ◆ **Ethan Lin**
Additional Major: Human-Computer Interaction
- ◆ **Henan Liu ****
Additional Major: Decision Science
- ◆ **Siyi Liu**
Additional Major: Statistics
- ◆ **Lizzie Lomjaria**
Minor: Decision Science
- Clayton Henry Long**
Minor: Policy and Management
- ◆ **Yucheng Lu ****
Minor: Sociology
- Skylar Drazen Lukic**
Additional Major: Policy and Management
- Francesca Viannca Beley Madriaga**
Minor: Psychology
- ◆ **Krushna Malapati ***
Minor: Machine Learning
- ◆ **Aria Malhotra**
Minor: Engineering Studies
- ◆ **Bhaavya Siri Manikonda**
Additional Major: Statistics and Machine Learning
- ◆ **Alekhyia Marapaka ****
Minor: Economics
- Lisset Anabel Martinez**
Minor: Film and Media Studies
- Christopher James Marzo**
Minor: Decision Science
- Lauren Elizabeth May**
Minor: Computer Science
- ◆ **Raka Mazumder**
Additional Major: Statistics
- Colin Thomas McLaughlin**
Minor: International Relations and Political Science
- ◆ **Sara Medina**
Minor: Societal and Human Impacts of Future Technologies
- ◆ **Antonio S. Mello**
Minor: Decision Science
- Maria Sultana Mina**
Minor: Tech Entrepreneurship

- Milan Kalaya Minott**
Additional Major: Human-Computer Interaction
- Ranim Mohammad Mohomad**
Minor: Global Systems and Management
- ◆ **Gregory Ashby Morris**
Additional Major: Statistics and Machine Learning
- Sakhi Munot**
Additional Major: Human-Computer Interaction
- ◆ **Sriya Mupparaju**
Additional Major: Decision Science
Minor: Human-Computer Interaction
- ◆ **Aidan Murphy**
Minor: Policy and Management
- ◆ **Keirden Singh Mustan**
Minor: Innovation and Entrepreneurship
- ◆ **Rianna Nag**
Additional Major: Environmental and Sustainability Studies
- Aaron Chaeyoung Oh ****
Minor: Music
- Isabella Onal**
Minor: Societal and Human Impacts of Future Technologies
- ◆ **Anuli Ashley Chinyelu Onuigbo ****
Minor: Politics and Public Policy
- ◆ **Jackson Paluck ***
Minor: Film and Media Studies
- Sungjin Park ***
Minor: Statistics
- ◆ **Eshna Parth ****
Minor: Human-Computer Interaction
- James Patrick Pascale**
Additional Major: Statistics and Machine Learning
- ◆ **Darsil Jayesh Patel ****
Additional Major: Decision Science
- ◆ **Riya Patel ****
Additional Major: Statistics
Minor: Computational Finance
- ◆ **Lucas George Pavlounis**
Minor: Decision Science
- ◆ **Vincent M. Pi**
Minor: Statistics
- Jonah Michael Pingue**
Additional Major: Decision Science
- ◆ **Evan Alexander Pinnix**
Minor: Societal and Human Impacts of Future Technologies
- ◆ **Nicole A. Planer**
Minor: Decision Science
- ◆ **Emily Xin-Yue Qian**
Minor: Human-Computer Interaction
- ◆ **Nizar Radi**
Minor: History
- ◆ **Kyle Gillen Raker**
Minor: Decision Science
- ◆ **Anika Ramachandran**
Additional Major: Human-Computer Interaction
Minor: Societal and Human Impacts of Future Technologies
- ◆ **Esha Rao**
Additional Major: Statistics
- Aryan Rawat ***
Minor: Computer Science
- Muhammad Ali Raza ****
Minor: Global Systems and Management
- ◆ **Jingjie Ren**
Minor: Decision Science
- ◆ **William Matthew Rifkin**
Additional Major: Decision Science
- Dylen Joseph Roberts ****
Minor: Physics
- ◆ **Katie Rock**
Additional Major: Statistics
- ◆ **Alexandra Elyse Rome**
Minor: Creative Writing
- Rebecca Aurora Rosas ****
Minor: Engineering Studies
- ◆ **Jacqueline Rose Meiling Ruhnke**
Additional Major: Social and Political History
- Julieta Ruiz**
Minor: Policy and Management
- ◆ **Aziza Rustamova**
Minor: Tech Entrepreneurship
- Rohan Bhaskar Sambasivan ***
Minor: Decision Science
- Sejal Sanil Tangoor**
Minor: Tech Entrepreneurship
- Diaz Aaliya Savira**
Minor: Information Systems
- ◆ **Dylan Morrison Schulman**
Minor: Decision Science
- ◆ **Afomia Kassa Seyoum**
Minor: Politics and Public Policy
- ◆ **Astha M. Shah ****
Minor: Human-Computer Interaction
- ◆ **Irene Shao ****
Minor: Chinese Studies
- ◆ **Yanina Shivialenka**
Additional Major: Behavioral Economics, Policy and Organizations
- ◆ **Jacob Robert Sherwindt**
Minor: Hispanic Studies
- ◆ **Aditi Laxmikant Shimpi**
Minor: Behavioral Economics
- ◆ **Emma Katherine Shirzad**
Minor: Decision Science
- ◆ **Abeeha Shoaib**
Minor: Economics
- ◆ **Abdulbosht Shukhratbekov**
Minor: Economics
- ◆ **Yuan Si**
Additional Major: Statistics and Machine Learning
- ◆ **Keanu Nigel Singh ****
Minor: Economics
- Karina Slaimen**
Minor: Policy and Management
- ◆ **Chenin Soffer**
Minor: Hispanic Studies
- Muhammad Hamza Sohail**
Minor: Tech Entrepreneurship
- ◆ **Drake Kazunori Som ****
Minor: Human-Computer Interaction
- ◆ **Kate Nalee Stamper**
Minor: Societal and Human Impacts of Future Technologies
- ◆ **Daniel John Stirrup**
Minor: Behavioral Economics
- ◇ **Evan Thomas Stuhlfire**
Minor: Human-Computer Interaction
- ◆ **Sanjana Pramiti Subramaniam**
Minor: Statistics
- ◆ **Alexander Michael Tambouratzis**
Minor: Decision Science
- ◆ **Aryaman Taparia ****
Minor: Economics
- Nisha Tirumalai**
Minor: Economics
- ◆ **William Tong**
Additional Major: Computer Science
- ◆ **Allison Marie Tribendis**
Minor: Engineering Studies
- ◆ **Madeline Anne Tribendis**
Minor: Engineering Studies
- ◆ **Sarah Jane Tribendis ****
Minor: Biomedical Engineering
- ◆ **Kekeli Dziwornu Tsoekewo**
Minor: Economics
- ◆ **Tanay Prakash Venkata ****
Minor: Decision Science
- Vanessa Vergara Avalo**
Minor: Politics and Public Policy
- Dominic Loyola Voiland**
Minor: Decision Science
- Donna Wang**
Minor: Psychology
- ◆ **Emily Wang**
Additional Major: Statistics
- Zhangyong Wang**
Minor: Economics
- ◆ **Zhaoye Wang**
Additional Major: Statistics and Machine Learning
Minor: Computer Science
- ◆ **Lanyuntian Wei ****
Additional Major: Computer Science
Minor: Computational Finance
- Matthew L. Wellener**
Minor: Societal and Human Impacts of Future Technologies
- Amanda Wen**
Minor: Soft Technologies
- ◆ **Joshua Fischer Winick ****
Additional Major: Statistics
- ◆ **Annie Soo-Mee Woo**
Additional Major: Human-Computer Interaction
- Brycen Zachary Worsham**
Minor: Decision Science
- Eleanor Xinyi Xiao ***
Minor: Computer Science
- ◆ **Jennifer Yang**
Additional Major: Statistics and Machine Learning
- ◆ **Mandy Yang ****
Minor: Statistics
- ◆ **Sammi Yang**
Additional Major: Statistics
- ◆ **Xinrui Yang ****
Additional Major: Statistics
- ◆ **Cecilia Ann Yezbak**
Additional Major: Decision Science
- Nicholas Yi**
Additional Major: Artificial Intelligence

Megan Yim
Additional Major: Human-
Computer Interaction

Jiajun Ying
Minor: Economics

◆ **Grace Yu**
Additional Major: Statistics

Maggie Yu
Minor: Sonic Arts

Mohamed Luqman Zahir
Minor: Economics

◆ **Allison Zhang**
Additional Major: Statistics

◆ **Marilyn Zhang ****
Additional Major: Human-
Computer Interaction

◆ **Qingqing Zhao**
Minor: Statistics

◆ **Erica Zheng**
Additional Major: Decision Science

◆ **Jodie Zheng**
Additional Major: Statistics

◆ **Benjamin Zhou**
Minor: Innovation and Entrepreneurship

◆ **Zixuan Zhou**
Additional Major: Statistics
Minor: Computational Finance

◆ **Derek Carson Zhu ****
Additional Major: Statistics
and Machine Learning
Ruiyu Rose Zhu

Computational Finance

◆ **Alyssa M. Robert**
Minor: Statistics

◆ **James Murray Spencer**

◆ **Elmer Danny Weng**
Minor: Statistics

Economics

◆ **Rushabh Divyang Bhansali**
Minor: Business Administration

◆ **Caleb Steven Brobst**
Minor: Politics and Public Policy

◆ **Liam Francisco Doherty**
Minor: Business Administration

Gabriel Saul Dweck
Minor: Computer Science

Daniel Hermann
Minor: Engineering Studies

◆ **Ethan Nicholas LeBlanc**
Minor: Business Administration

Oliver Lewis

◆ **Tianrui Lin**
Additional Major: Business Administration

◆ **Elijah J. North ***

◆ **Jaeha Park**
Minor: Business Administration
Minor: Financial Management

Anastasia Radjenovic Raicevic
Minor: Business Administration

◆ **Ebenezer Genisera Ramos III**

◆ **Tatiana Mester Sinelnikova ****
Minor: Business Administration

◆ **Yaolin Zhang**
Additional Major: Business Administration

◆ **Baishuo Zhou**
Additional Major: Statistics

Economics and Mathematical Sciences

◆ **Shanshan Jin**
Additional Major: Business Administration

◆ **Aayushee Kishore**
Minor: Computational Finance
Asha Madupuru
Minor: Business Administration

MASTER OF BUSINESS ADMINISTRATION

Management Science

Mark E. Aboff

Jisue Ahn

Mohammed Fahed Albannai

Abdulrahman Jafar Ali

Paola Andrea Alvarez Suarez

Shota Amano

Tanvi Anand

Juan Andrade-Vera

William Reed Apfelbaum

Ahmad Fadli Ardiansyah

Arpita Priyadarshini

Vikri Arsha

Tianyi Bai

Amanda Baird

Uday Bajaj

Cody Lee Baker

Karthik Balasubramanian

Yatharth Bansal

Jennifer Betancur

Apeksha Bhambhani

Richa Bhagwatprasad Bhide

Rohan Reddy Billa

Taylor James Blanchard

Mrunank Shashank Bobde

Houtan Bozorghadad

Jasmine Harihar Bradbury

Priyanka Arunkumar Brahmbhatt

Wyatt Charles Butcher

Henry Peter Butler

Caroline Wild Campbell

Cody Daniel Campbell

Michael Joseph Carrozzi

Michael Chahin

Jason Kumar Chand

Harley Chang

Anmol Chaturvedi

Aayush Chauhan

Andrew Yu-Ping Chen

Jiaxin Chen

Linxia Chen

Jeffrey Cheung

Ziru Cheung

Darshini Chilakapati

Julia Elyse Clendenin

Christopher Michael Cliff

Jennifer Lauren Connell

Satyandhra Venkata Dasara

Abiezer Davila

Arthur Richard Dechamps

Soroosh Demooei **

Chase Montgomery Diehl

Eleanor Claire Dinardo

Gregory Mark Dooley

Diksha Dubey

Roman Dyachenko

Mahsa Ebrahimi

Stefan Eduardo Eckmann

Youssef Elsaadawy

Jessica Evans

Ogechukwu Nancy Ezech

John Paul Fazzini

Nicholas David Fisfis

Charles Workman Friend

Narulita Fubian

Venkata Kishore Rakshit Raju
Gadhiraju

Terrell Ryan Galloway

Xinyi Gao

Carol Fatima Garcia Arones

Chanel Gabrielle Geter

Eriugen Gjoka

Ram Chaitanya Gobburu

Yibo Gong

Sandhya Gopakumar

HariPriya Gopal

Keerthanna Govindarajan
Santhakumar

Deepali Goyal-Visairo

Paul Lawrence Grech

Harrison Michael Grimm

Elliot Alexander Gross

Dongqiong Guan

Danang Gultom

Yi Guo

Maressa Guynn

David William Haas

Nikolas Anthony Haas

Kendrick Hales

Kevin J. Hanshaw

Karim Harji

Mohammad Reza Hassanzadeh
Gorakhki

Mitsuhiro Hayashida

Monica Hembram

Carter Francis Houseknecht

John Joseph Howarth **

Joy Qiuye Hu

Yu Hu

Su-Wei Huang

Khushboo Hussain	Vaishnavi Merugu	Saimeenakshi Ramu
David Eric Iacone	Hannah B. Messinger	Varshita Ravi
Tatiana Imler	Clayton Robert Metcalf	Scott Gregory Riley
Rishav Jain	Bogdan V. Michka	Thomas Frederick Riley *
Leslie-Paul Jamerson	Harrison George Milacek	Christopher Nicholas Riso
Andrew Oscar Jaramillo	Tanya Mishra	Blake Nolan Rodenberger
Pradeepa Jayachandran	William Mistretta	Gabriel Charles Rogow
Sean Robert Jepsen	Abrar Hasan Mohammad	Camille Beatriz Roig Rionda
Shiqi Jiang	David Alexander Morrison	Amira Nazar Roux **
Asha Johnson	Abdur Rahman Muhammad	Antara Saha
Robert Cameron Chasmar Jordan	Aritra Mukherjee	Anurag Salandri
Anusha Jupally	Chinmayi Sai Mungara	Varun Raja Samineni
Vamsidhar Kakani	Byron Munoz	Maria Nicole Santilli
Bhriгу Kapur	Mayur Shivanand Muttur	Vinicius Santos Avelar
Rhea Karthachira Medappa	Audry Nafula Mwasame	Fonda Irena Santoso
Kiran Venkata Kastury	Sanjay Mysore	Madelaine Elisabeth Saunders
Joseph Anthony Katarincic III	Sandipan Nandi	Bhavana Savanth
George Patrick Keenan	Naveen Nandrajog	Megan Elizabeth Kinslow Schrock
Daniel Lee Kennett Jr.	Vijay Krishna Narlanka	Simone Heasoo Sears
M. Usman Khan	Sai Prem Chand Narreddy	Michael Robert Seifert
Christopher Woo Kim	Roy Cyrus Navid	Priyabrat Senapati
Hye Jin Kim	Julie Miliky Negussie	Nishi Jayprakash Shah
Soji Kim	Minh Phuong Nguyen	Yanpei Shao
Bryan Charles Takao Kitsu	Kavun Nuggihalli	Suresh Shetty
Kristina T. Klock	Kevin O'Brien	Hajime Shimada
Stephen Joseph Klocko	Samuel Adeyinka Osho	Shilvia Lesmina Silalahi
Delaney Reeves Christensen Kloesel	Jonathan William Ostheim	Anshika Singh
Henry Peter Kloss	Oluwadiola Brenda Oyeyele	Paramveer Singh
Nanhee Ko	Philip Joseph Palmer	Ransher Singh
Aleyna Kocabas	Aakarsh Palnitkar	Sebastian Govind Singh
Liya Kuang	Monica Paluri	Riley Parker Smith
Shaunak Kulhalli	Mayank Panchal	Selma Susic
Rakesh Kulkarni	Mohnish Pardasani	Ryan Patrick Space
Rocco Samuel Lacava	Bhavana Paritala	Robert Victor Squire
Corey Christopher Latsha	Moobin Michael Park	Bhaskar Srinivasan
Dylan Mark Lawson	Theodore Bohdan Passyn	Chiraphat Srisittiruk
Christopher Jay Leasher	Hitarth Nehulkumar Patel	Daniel Royce St Clair **
Julia Ching Ting Lee	Krupa Bharat Patel	Benjamin Jerome Stewart
Elizabeth Peitine Lee	Nikita Rohit Patel	Brady Thomas Stolzman
Eungjoon Lee	Rushabh Divyesh Patel	Taylor Robert Strong
Madison Elizabeth Sanderson Lewis	Shreyansh Dhirendrakumar Pathak	Robertus Danny Sucahyo
Zheng Li	Tanapat Patiwejwong	Derek Sun
Weixiang Lian	Nathaniel Lawrence Patterson	Otto Dalton Sunday
Jun Wei Lin	Nithin Perumal	Addison Tang
Brenton Jaleel Logan	Joseph James Petti	Thiago Terceiro Irineu
Yi Lu	Joshua Scott Phillips	Keith Edward Thrash
Morgan Cervo Lyon	Punyapa Poonapanont	Emily Georgina Torrealba
Siddharth Madhavapeddi	Katie Joy Post	Anastasia Revekka Torubara
Shiv Keshav Madiredy	Keyon Christopher Powell	Ishan Ann Tsay
Venkata Kaash Mantravadi	Priyasha Pratik	Sai Harshita Tupili
Surbhi Santosh Mantri	Luke Edward Profio	Aiichiro Uesaka
Nathan Alexander Margaglio	Kjell-Andreas Pu	Tadashi Umeda
Jack Michael Martin	Juncheng Qian	Jonathan Caesar Valdez
Mizuho Masai	Ruben Antonio Quesada	Harini Venugopal **
Sanchay Mathur	Christopher Alexander Rafalski	Andrew Robert Vislosky
Justin Quinterre Matlock-Styler	Tarannum Rahman	Dominic Joseph Vissotski
Siddharth Mehta	Anurag Keshav Rakde	Annie Vu

Takeshi Wada
 Phoebe Catherine Wager
 Xiaochong Wang
 Timothy Scott Watts
 Bryan Mitchell Weiner
 Matthew R. Westphal
 Jordyn Alyssa Wilson
 Austin Wu
 Mengnan Wu
 Ayush Yadav
 Kexin Yang
 Kailey Marie Zalevsky
 Michael William Zelenka
 Zhaomei Zheng
 Qianrong Zhu
 Rongtian Zhu
 Alexandra Krista Zumpetta

MASTER OF SCIENCE

Accounting

Jae Yeon Pyo

Algorithms, Combinatorics and Optimization

Helia Niaparast

Behavioral Marketing and Decision Research

David Suyuan Li

Business Analytics

Krishnasai Addala
 Garima Agnihotri
 Prajwal Agrawal
 Abhilash Alexander
 George Alexander
 Avani Bhaskar Appalla
 Karthikeyan Balasubramanian
 Alexander Santiago Balog
 Massimo Battaglia
 Ragini Beri
 Palak Biyani
 Pratyush Bongirwar
 Brian James Breault
 Lyndsay Anne Campbell
 George P. Carson
 Rui Chang
 Ricardo Miguel Chavero Moya
 Srinivasa Bhargav Cheemakurthi
 Yanqi Chen
 Yi-Hsuan Chen
 Yun-Ping Chen
 Zeng Chen
 Zhuo Chen
 Changli Cheng
 Sriakshata Cherukupalli
 Angelina Yu-Ling Cho

Kee Yeon Choi
 Yeoeun Choi
 Chawarut Choklapsiri
 Kennedy Danielle Corley
 Benjamin Daniel Cronin
 Deepshikha Das
 Cecelia Dieterich
 Nikhil Kiran Dittakavi
 Kojo Mainoo Dokyi
 Jason Evan Dupree
 Tatiana Dvornikova
 Kodjovi Ametepe Egoh
 Scott Thomas Ellsworth
 Mohamed Enjai
 James Evans
 Hanqi Feng
 Victor Fiz Real
 Nivedha Gautham Raj
 Reuben Samuel George
 Sanchit Goel
 Chandler Golan
 Chunyang Guo
 Olivia Jane Haberberger
 Syed Zain Haider
 Astha Harlalka
 Sadia Shahid Hershey
 Kuei-Ying Hou
 Brandon Lee Hutton
 Daryn Imashev
 Aneesh Abhay Indurkar
 Anup Suman Jain
 Bhavesh Jain
 Sixuan Jiang
 Frank Cameron Jones
 Srushti Abhijit Kadam
 Sunaina Rudra Kanuganti
 Elaaf Amjad Khan
 Seungeon Kim
 Zheyuan Kong
 Ananya Swapnil Kulkarni
 Ayush Kumar
 Jameson Richard Lajoie
 Changgyu Lee
 Chia-Min Lee
 Chieh-Ling Lee
 Jacob Chih Wen Lee
 Maria Blessia Lee
 Sze Man Lee
 Jason Li
 Xiaohua Li
 Yu Chin Liao
 Haipeng Ling
 Yilin Liu
 Yunshan Liu
 Zehua Liu
 Ryan Francis Lomicka
 Gregorio Lozano Palacio

Yating Luo
 Sai Satya Gouri Maddulapalli
 Ayesha Mahmood
 Dhriti Ashwani Malik
 Takayedza Felix Mashoko
 Brian James Motherway
 Irene Aimee Mugeni
 Renisa Shantanu Mukherjee
 Sydney Elizabeth Murphy
 Pranav Nagarajan
 Priyank Nangia
 Warren Justin Lao Ng
 Viet Quan Nguyen
 Siyuan Nie
 Rachit Nigam
 Rishikha Numburi
 Atharva Padhye
 Angela Xin Pan
 Chun-An Pan
 Min Chan Park
 Kruti Anilbhai Patel
 Jun Peng
 Poorvi Phulwani
 Xingbang Rao
 Dhruvajyoti Tapas Ray
 Arun Rengarajan
 Karla Denisse Reyes Albino
 Emily Ann Rupp
 Manu Baburaj Sankaran
 Raghav Sareen
 Tushaar Sehgal
 Garhvita Sethi
 Samira Shah
 Syed Rayhan Imran Shah
 Amina Shahzad
 Oshin Shaktwipee
 Baichen Shi
 Xue-Jun Shih
 Armaan Singh Sidhu
 Aasdeep Singh
 Harshwardhan Sinha
 Abigail Irene Smith
 Chang Su
 Wenlong Sui
 Jiahe Sun
 Sai Priya Sure
 Nikita Suryawanshi
 Gabriel Austin Tan
 Aswath Narayan Murthy Thenetti
 Bhanumurthy
 Plinio Arturo Tuta
 Visvaant Varadharaj
 Tre Napoli Vasiliadis
 Evangelos Vlachodimos
 Jessica Weissmann
 Gillis Shran Wang
 Jack Xiaolong Wang
 Theodore Chen Wang

Yifan Wang
 Zirui Wang
 Rutuja Namdeo Wardole
 Emily Ann Wen
 Andrew Vincent Williams
 Wanwen Wu
 Wanjing Xia
 Hanyin Yang
 Yadi Yang
 Yaxing Yang
 Taylor Bayan Yavari
 Yu-Jung Yu
 Yang Yue
 Zarmeen
 Qi Zeng
 Cancan Zhang
 Rong Zhang
 Shilong Zhang
 Xianlong Zhang
 Yu Zhang
 Yuanyao Zhang
 Yu Zhao
 Huanyu Zhou
 Chunxuan Skyla Zhu
 Boming Zhuo
 Matthew Bernard Zinger

Business Technologies

Ziqian Ding
 Jiaming Jiang
 Michelle Min

Computational Finance

Samuel Amelaine **
 Xinwei Bai **
 Somesh Bajpai **
 Yian Bian **
 Rohit Kumar Bose **
 Zhijun Cao **
 Ruihan Cen **
 Andrew Chen **
 Jianlin Chen **
 Yihan Chen **
 Yuhui Chen **
 Anubhav Deep **
 Zicheng Ding **
 Craig Epstein **
 Ruining Feng **
 Valeriy Filatov
 Zhen Shuang Ge **
 Martino Chu Gogna **
 Vineeth Gopu **
 Bowen Gu **
 Jiayi Gu **
 Andrew Guerrand
 Hanfu Guo **
 Zhou He **

Joseph Horeczy **
 Luoyuan Hu **
 Chaobang Huang **
 Ziyi Huang **
 Yingqiao Ji **
 Tongtong Jia **
 Chuyue Jiang **
 Naitik Lapsiya **
 Kaiwen Li **
 Tingyi Li **
 Wen Li **
 Yiang Li **
 Jialing Liang **
 Xinyue Liao **
 Shitian Lin **
 Zexiang Lin **
 Zhuoxian Lin **
 Alvin Ling **
 Xinyan Liu **
 Yuan Liu **
 Zhiheng Liu **
 Xinwei Long **
 Oscar Ma **
 Sai Sree Malkapuram Gandla **
 Aditya Mantri **
 Xuci Mei **
 Chengkai Men **
 Mingjie Ni **
 Shanshui Niu **
 Jialin Pan **
 Tianxu Pu **
 Jin Qin **
 Xinhan Qin **
 Zimin Qiu **
 Junming Ren **
 Maria Jose Ruiz Rodriguez **
 Suyash Nitin Sardeshpande **
 Taha Shaikh **
 Rui Shao **
 Yi Shi **
 Pontus Martin Soederhaell **
 Liudi Song **
 Haoling Sun **
 Tianlin Sun **
 Yu Tao **
 Sen Teng **
 Yuyang Tian **
 Yuchen Wan **
 Hanyi Wang **
 Kunning Wang **
 Shuyun Wang **
 Xizhuo Wang **
 Yirun Wang **
 Shaoqing Wen **
 Ziming Xu **
 Binyuan Yan **
 Jingyuan Yang **

Xinjue Yang **
 Zhuocheng Yao **
 Ke Zha **
 Li Zhai **
 Yichuan Zhang **
 Zheyuan Zhang **
 Ziyi Zhang **
 Ziyue Zhang **
 Xingdian Zhao **
 Futian Zhong **
 Pengfei Zhong **
 Yufan Zhou **
 Yuheng Zhu **
 Ting Zou **

Economics

Aditya Kiran
 Alexander H. Williams

Economics and Public Policy

Sadiq Salimi Rad

Finance

Xuefei Gao
 Roopa Ravishankar

Management

Hemav Baid
 Jackson Davis Bryan
 Yuvraj Chandela
 Pin-Hao Chen
 Rongdong Chen
 Jana Said Mohamed Mokhtar
 Elbanna
 Eric Javier Molto
 Karan Hiren Patel
 Sidharth Sudhakar Reddy
 Sohan Kumar Rustumpet
 Chenyu Song
 Remy Claude Gilbert Spelle
 Qinbo Wang
 Han Xiao
 Mingxin Xie
 Yueming Yuan
 Claudia Shiyu Zhang

Operations Research

Qihan Zhu

Organizational Behavior and Theory

Anyada Assavabhokhin
 Jisoo Hyun
 Gayoung Kim
 Sofia Rodriguez Chaves

Product Management

Victor Aboh **

Monika Agrawal **
 Sylendran Arunagiri **
 Lalitha Ayyappan **
 Itishree Badu **
 Andres Samuel Phillipe Binotto **
 Siddhartha Choudhury **
 Yash Dasgupta **
 Kamakshi Debnath **
 Timila Garg **
 Naman Gupta **
 Snigdha Gupta **
 Suman Hazra **
 Chhavi Inani **
 Brielle Renee Irving **
 Jaineesh Jain **
 Ravi Raj Kamal **
 Sahithi Kanakamedala **
 Sreya Kavil Kamparath **
 Priyanka Khandelwal **
 Chirag Manoj Kochar **
 Harish Reddy Kondapalli **
 Jithendra Mallidu **
 Priyamvadha Mohan **
 Ethan Ladd Moody **
 Aswin Nagarajan **
 Amandeep Kaur Osan **
 Rahul Dev Parashar **
 Jaideepak Parvatina **
 Sachin Ashok Pathak **
 Atul Prabhakar Pol **
 Srikanth Tirupattur Ramamurthy **
 Mayank Ranjan **
 Sabyasachi Sahu **
 Karan Sharma **
 Abdul Samad Abdul Naim Siddiqui **
 Pallak Srivastava **
 Sreeja Thumma **
 Wenyue Wang **
 Yue Wang **
 Anika Yadav **
 Karthik Ram Yarlagadda **
 Pooja Sagadevan Yogeshwaran **
 Qianqian Yu **

Martin Michelini
 Essays on Dynamic Discrete
 Choice Economies
 Advisor(s): Robert A. Miller,
 Christopher Sleet
Behnam Mohammadi
 Human-AI Interaction in the Age of
 Large Language Models (LLMs)
 Advisor(s): Tim Derdenger
Angela Ziyang Xiao
 Essays on the Consumer Journey of
 Goal Planning and Goal Pursuit
 Advisor(s): Joy Lu

DOCTOR OF PHILOSOPHY

Jason Gates
 Essays in Labor Economics
 Advisor(s): Rebecca Lessem
Nicholas Catov Hoffman
 Wealth, Returns and Economic Policy
 Advisor(s): Ali Shourideh
Anthony Karahalios
 Column Elimination: Iterative Refinement
 for Solving Arc-Flow Formulations
 Advisor(s): Willem-Jan van Hoeve
Jaepil Lee
 Essays on Dynamic Discrete Choice
 Models and Their Applications
 Advisor(s): Robert A. Miller

University-Wide, Intercollege and Joint-Degree Programs

Carnegie Mellon University

ENTERTAINMENT TECHNOLOGY CENTER

Derek Ham, Director

INTEGRATED INNOVATION INSTITUTE

Peter Boatwright, Director

College of Engineering and College of Fine Arts

ARCHITECTURE-ENGINEERING-CONSTRUCTION MANAGEMENT PROGRAM

Erica Cochran Hameen, Track Chair

College of Engineering and Tepper School of Business

SOFTWARE MANAGEMENT PROGRAM, SILICON VALLEY

Gladys Mercier, Director

College of Fine Arts and College of Engineering

ENGINEERING STUDIES AND ARTS PROGRAM

M. Stephanie Murray, Senior Associate Dean of Interdisciplinary Initiatives

College of Fine Arts and Dietrich College of Humanities and Social Sciences

HUMANITIES AND ARTS PROGRAM

M. Stephanie Murray, Senior Associate Dean of Interdisciplinary Initiatives

College of Fine Arts and Heinz College of Information Systems and Public Policy

ARTS MANAGEMENT PROGRAM

Jessica Bowser Acrie, Director

ENTERTAINMENT INDUSTRY MANAGEMENT PROGRAM

Daniel Green, Director

College of Fine Arts and Mellon College of Science

SCIENCE AND ARTS PROGRAM

M. Stephanie Murray, Senior Associate Dean of Interdisciplinary Initiatives

College of Fine Arts and School of Computer Science

COMPUTER SCIENCE AND ARTS PROGRAM

M. Stephanie Murray, Senior Associate Dean of Interdisciplinary Initiatives

Dietrich College of Humanities and Social Sciences and Heinz College of Information Systems and Public Policy

INFORMATION SYSTEMS

Joseph S. Mertz, Director

Dietrich College of Humanities and Social Sciences and Mellon College of Science

SCIENCE AND HUMANITIES SCHOLARS PROGRAM

Maggie Braun, MCS Associate Dean for Undergraduate Affairs

ENTERTAINMENT TECHNOLOGY

MASTER OF ENTERTAINMENT TECHNOLOGY

Xinyu Ai
Meghna Anil
Kesha Nileskumar Bagadia
Wuji Cao
Rui-Ting Chang
Vedantika Chaudhary
Xue Chen
Zitong Chen
Jinyi Dai
Kailun Deng
Keying Du
Zhiying Guan
Zhaojia Guo
Jiahao He
Lutong He
Zixuan He
Dazhou Hou

Yanchen Hu
Ruiwen Huang
Shuqin Huang
Xixi Huang
Chaerin Kim
Chu Li
Hongxian Li
Xinyu Li
Yiwei Li
Feng-Yi Lin
Tianyi Lin
Shih-Hung Liu
Yuchen Liu
Hongcheng Luo
Qing Luo
Yue Lyu
Yuyang Min
Ayaka Morito
Yunru Pan
Yihua Pu
Yuanheng Qu
Collin James Rehmeyer

Zhongwei Ren
Taveesin Sae Xu
Rushil Hitesh Sojitra
Lingheng Tony Tao
Samantha R. Trimboli
Chuanzhen Tu
Yaxin Tu
Linaixuan Wang
Sijia Wang
Yue Wang
Zixin Wang
Zhiying Wei
Sarah Rose Wille
Taiyu Wu
Zhongyang Wu
Yumeng Xia
Yawen Xiao
Airan Xu
Zhi-Wei Yang
Qitong Yu
Deyin Zhang
Jiamo Zhang

Shixi Zhang
Xun Zhang
Yiran Zhang
Yuncheng Zhang
Haoda Zhao
Ruzhang Zhao
Xiaoxuan Zhong
Minghao Zhou
Alex Fanxuan Zhu
Junqi Zhu

INTEGRATED INNOVATION INSTITUTE

MASTER OF INTEGRATED INNOVATION FOR PRODUCTS AND SERVICES - ADVANCED STUDY

Integrated Innovation for Products and Services

Nihaal Singh Adarsh **
Heena Nilesh Barhate **
Heng Chang **
Natapat Chotruchsakul **
Daniela Decoud **
Marcelo Decrescenzo Guadalajara **
Aakash Nitin Dolas **
Nisarg Utpal Doshi **
Vibhuty Gaggari **
Xinxuan Gan **
Debeshi Ghosh **
Evan Andrew Goldberg **
Rishikesh Rajshekhar Hiremath **
Krishna Bharath Kalla **
Krutin Kanumuri **
Pingkan Prisilia Istra Langi **
Chih Yu Lin **
Fan-Yu Liu **
Yue Lou **
Amanda Kristen Rose Manget **
Nitya Mathur **
Mrigakshi Arvind Mishra **
Shreya Sunil Nair **
Giovanni Natasha **
Oluwayimika Opeoluwa
Osunsanya **
Sri Lakshmi Pakhala **
Jingyi Pan **
Rujuta Balkrishna Parulekar **
Griselda Rosericho Philberta **
Nicolas Matthew Pranata **
Isha Raghuvanshi **
Eashwari Bharat Samant **
Ayushi Arun Shah **
Tingyu Su **
Xinyi Tang **
Jordana Tinto **

Victoria Rea Vastis **
Dev Vijh **
Sahana A. Vishwanath **
Sijia Xie **
Junyi Yan **
Luxi Yang **
Yuan Yuan **
Levy Zhang **
Yingxin Zhang **

MASTER OF INTEGRATED INNOVATION FOR PRODUCTS AND SERVICES

Integrated Innovation for Products and Services

Kyle Mason Caruso **
Alexander Cavaliere **
Yudi Chen
Pranshu Chokhani
Shriya Datye
Rhythm Gauba
Srikari Sharma Gottimukkala
Allan Walter Gulley **
Akanksha Janna
Zachary Peter Jessell **
Lauren Alexandra Kauffman **
Jungeun Kim **
Elizabeth Klumpp **
Charles Joseph Kraft **
Nikkita Kumar
Menelik Lewis **
Gloria Mou
Jahnvi Patel
Sapna Rohra
Samantha Allison Sansone
Jie Yang Sharir
Upasna Sharma
Shan Wang **
Sofia Zertuche Orozco

MASTER OF SCIENCE

Software Management

Khemchand Agarwal **
Mayank Arya **
Shivam Bangia **
Richa Basak
Baris Baser
Haoguang Cai **
Karthick Chandrasekar *
Nikita Dahiya **
Zhiyue Ding
Xin Geng **
Shivani Ganesh Ghuge **
Sarathak Gupta **
Shu-Wei Hsu *
Jun Huang *

Kartik Jain **
Deeksha Kumar *
Karan Kwatra *
Chenxi Li **
Jiaqi Li **
Xinhao Li
Yuqi Li *
Zhuocheng Liu *
Chen Lou **
Roshini Malempati **
Haarish Mummidi Krishnamurthy **
Aarathi Nair **
Sungun Park
Dipam Paul **
Tian Peng
Rohith Purimetla Vinay **
Bin Qi **
Chang Qian *
David Albert Ramirez *
Ronith Reddy Regatti **
Ankit Ravikumar Sanghvi **
Yaras Shaikh
Yihui Song
Deepank Srivastava **
Kai Dougherty Suematsu
Neha Suresh Kumar *
Divya Tated **
Hsiang-Syuan Tseng **
Harpreet Vishnoi **
Bo Wang **
Celine Wang **
Jiayue Wang **
Zhixin Wu
Jiali Xu **
Sherry Qian Xu *
Zexin Yan **
Huayu Yang *
Jonathan Yap Wei Kang *
Youngwon Yoon **
Baoyue Zhang **
Sijia Zhang **
Ziwen Zhao **
Mingqian Zhou **

College of Engineering *and*
College of Fine Arts

ARCHITECTURE- ENGINEERING- CONSTRUCTION MANAGEMENT PROGRAM

MASTER OF SCIENCE IN ARCHITECTURE- ENGINEERING- CONSTRUCTION MANAGEMENT

Akshita Agarwal **
Tarun Krishna Alluri Venkatesh **
Pritesh Dhananj Anjkar **
Jui Pareshbhai Arora **
Anupika Babar **
Zachary Robert Brigham **
Natasha Susan Fernandez **
Srujan Anand Gajjala **
Parneet Kaur **
Tejas Malepati Naidu **
Pooja Ravikumar **
Vaishali Kundan Singh **
Rishab Somashekar Umarani **

College of Fine Arts *and* College of
Engineering

ENGINEERING STUDIES AND ARTS PROGRAM

BACHELOR OF ENGINEERING STUDIES AND ARTS

Deetya Rajalakshmi Iyer
Engineering Studies and Music Technology
◇ Joo Hee Kim **
Engineering Studies and Art
Minor: Physical Computing

College of Fine Arts *and* Dietrich
College of Humanities and
Social Sciences

HUMANITIES AND ARTS PROGRAM

BACHELOR OF HUMANITIES AND ARTS

◇ Richard Ahn
Statistics & Machine Learning
and Music Performance
◆ Oluwatobi Aina
Philosophy and Art

◆ Matthew Connor Blankley
Professional Writing and Drama
◆ Paige Clementine Brady
Psychology and Music Performance
◆ Zoë Talisha Brown
Film & Visual Media and
Music Performance
Minor: German Studies
◆ Jessie Chen
Information Systems and Art
Minor: Animation and Special Effects
Minor: Game Design
Minor: Human-Computer Interaction
◇ Hayeong Choi
Chinese Studies and Art
Minor: Photography
◆ Yu-Ching Chuang
Information Systems and Art
Elizabeth Rose Crofton
Ethics, History & Public
Policy and Architecture
◆ Leo E Deng
Philosophy and Art
◇ Yanlin Du
Psychology and Architecture
Additional Major: Human-
Computer Interaction
◆ Elizabeth Durr
Psychology and Music Performance
◆ Madeline Elise Hoogstraten
Film & Visual Media and Art
◆ Shui Hu
Film & Visual Media and Art
Minor: Music Technology
◇ Claire Minjee Kim
Film and Visual Media and
Music Performance
Minor: Music Technology
◆ Michael Mingxuan Li
Information Systems and Architecture
Additional Major: Human-
Computer Interaction
◆ You Lin
Film & Visual Media and Art
Minor: Animation and Special Effects
◆ Jacey Cassandra Abad Lozada
Global Studies and Drama
Minor: Literature and Culture
◆ Forest Ma
Information Systems and
Music Performance
◆ Sojung Pak
Decision Science and Design
Minor: Sociology
◆ Kaitlin Grace Russo
Social & Political History and Art
Minor: Hispanic Studies
◇ Santiago Salazar
Cognitive Science and Art
◆ Jamie Tseng
Decision Science and Art
Minor: Animation and Special Effects
Minor: Game Design
◆ Lillian Marie Van Veen
Creative Writing and Art
Minor: Animation and Special Effects

◆ Sarah Jiahui Wang
Information Systems and Art
Minor: Animation and Special Effects
Minor: Human-Computer Interaction
◆ Siyun Wang
Statistics and Architecture
◆ Siheng Xu **
Decision Science and Art
Additional Major: Statistics
◆ Elly Young
Decision Science and Architecture
Additional Major: Human-
Computer Interaction
◆ Allison Xinran Yu
Psychology and Art
Minor: Design for Learning
◆ Chaeil Yun
Information Systems and
Music Performance
◆ Helen Yu Zhang
Film & Visual Media and Design
◆ Ruoxi Zhang
Information Systems and Architecture
Additional Major: Human-
Computer Interaction

College of Fine Arts *and*
Heinz College of Information Systems
and Public Policy

ARTS & ENTERTAINMENT MANAGEMENT

MASTER OF ARTS MANAGEMENT

Arts Management

Sofia Akhmanaeva
Silvia Becerra Ferrer
Hannah Ruth Brainard
Sophia Celdrán
Alyssa Anne-Klaum DeFusco
Ana-Alicia Ih-Tzai Feng
Emma Judith Fries
Ariana Rachel Gant
Rachael Ciara Gunning
Xueer Hao
Abigail Lee Hartless
Ian Hawthorne
Nicholas Blake Helms
Melida Rachel Hernandez
Joanna Kim
Seohee Lee
Julia Levine *
Di Liu
Yueqi Meng
Pierce Brian Mitchell
Tricia Park
Yoo Jung Rhee
Christine Marie Rivera
Corinna A. Schandelemeier-Gilgunn

MASTER OF ENTERTAINMENT INDUSTRY MANAGEMENT

Entertainment Industry Management

Adwaieet Bhide
Chen Bian
Satya Aditya Bonepalli *
Damon Lee Condon
Azmayeen Fayeque Rhythm
Karim Ghobrial
Ananya Gokhale
Ritika Anand Gokhale
Sofia Curie Figallo Heller
Jabreneé Angelina Hussie
Camryn Alicia Johnson
Sahithi Josyula
Rachel Anne LaFerriere
Jiarun Li
Taylor Elizabeth Lien
Yutong Liu
Michael Robert Loguerio
Alejandra Mantilla Diaz
Oghogho Harriet Osemwegie
Pranay Raj Peddareddy
Nicholas Robinson
Peter Yuuta Shireman
Zoe Alexandra Tsamitis
Kelly Christine Ufford
Rui Wang
Abigail Grace Whitehurst
Jialong Wu
Mengyi Yang
Howard Shihao Zhang
Wenqing Zhang
Xiru Zhang

College of Fine Arts *and*
Mellon College of Science

SCIENCE AND ARTS PROGRAM

BACHELOR OF SCIENCE AND ARTS

- ◆ Athena Feodora Chuang
Biological Sciences and Design
- ◆ Andrew Sutherland Shang Gray
Mathematical Sciences and
Music Performance
- ◆ Ryan Joseph Judge
Mathematical Sciences and
Music Performance
- ◇ Sarah Minji Kang
Biological Sciences and Art
- ◆ Liberty Maia Lapayowker
Mathematical Sciences and Drama

Logan Kaern McGregor
Physics and Music Performance

- ◇ Margaret Clark Tambke
Physics and Art
- ◆ Larsen Adler Vincent
Physics and Music Performance
- ◇ Chixin Zhang **
Chemistry and Architecture

College of Fine Arts *and*
School of Computer Science

COMPUTER SCIENCE AND ARTS PROGRAM

BACHELOR OF COMPUTER SCIENCE AND ARTS

- ◆ Marc Charles Dunand
Computer Science and Art
- ◆ Alexis N. Giaque
Computer Science and Art
Minor: Game Design
- ◆ Xiaomeng Hu
Computer Science and Art
- ◆ Roy Ge Yang Huang
Computer Science and Music Performance
Minor: Mathematical Sciences
- ◇ Lucas Mitchell Hurley
Computer Science and Art
- ◆ Weiwen Jiang
Computer Science and Architecture
Minor: Game Design
- ◆ Jiang Yunfeng
Computer Science and Architecture
Minor: Animation and Special Effects
- ◆ Janaki Lakshmi Kode
Computer Science and Music Technology
- ◆ Ethan Kwong
Computer Science and Music Performance
- Xiaoyang Lei
Computer Science and Design
Minor: Human-Computer Interaction
- ◆ Rui Lin
Computer Science and Art
Minor: Human-Computer Interaction
Minor: Philosophy
- ◆ Juhyun Park
Computer Science and Art
Minor: Human-Computer Interaction
- ◇ Alex Mingle Zheng
Computer Science and Music Performance
Minor: Japanese Studies
- ◇ Brian Zhou
Computer Science and Music Performance

Dietrich College of Humanities
and Social Sciences *and* Heinz College
of Information Systems and
Public Policy

INFORMATION SYSTEMS PROGRAM

BACHELOR OF SCIENCE

Carnegie Mellon - Qatar Interdisciplinary

Mariam Essa Al-Malki
Minor: Neuroscience
Saif Khalid Al-Suwaidi
Minor: Neuroscience
Daekyo Kwack **
Minor: Psychology

Information Systems

- Abdulraouf Aboubakr Abdelzaher
- ◆ Yuvanshu Agarwal
Gabriel Aguirre
Maria Fatima Aidarus
Minor: Business Administration
Minor: Tech Entrepreneurship
- ◆ Talal Hussain M.H. Ali
Minor: Business Administration
- ◆ Al Maha Sultan Al Jabor
Minor: History
- ◆ Haya Mubarak M. M Al Khalifa
Minor: History
- ◆ Lujain Saleh Al Mansoori
Minor: Tech Entrepreneurship
- Ajlan Mohammed Al-Kaabi
Minor: Computer Science
Minor: Tech Entrepreneurship
- Haya Abdulla Al-Kaabi
Minor: Psychology
- Aisha Abdulrahman A.M. Al-Khaldi
Minor: Tech Entrepreneurship
- Yousuf Alkhiyami
Minor: Psychology
- Al-Maha Essa Ahmad Al-Nassar
- ◆ Aldana Abdullattif Al-Naemi
Minor: History
- Ali Khalid A.M. Al-Quradaghi *
- ◆ Salman Abduljabbar Y.S. Al-Saigh
- ◆ Sara Al-Saloos
Minor: Psychology
Minor: Tech Entrepreneurship
- Abdulla Jassim Al-Sharim
- ◆ Aisha Abdulla Al-Subaie
Minor: Arabic Studies
- Abdulla Mohammed E.B. Al-Sulaiti
Minor: History
- ◆ Najoud Abdulla Zaid Al-Talib
Minor: Business Administration
- ◆ Ireoluwa Emmanuel Alarape
Minor: Computer Science

- ◆ **Alanoud Al Thani**
Minor: History
- ◆ **Abigail Jane Amonett ***
- ◆ **Zoe Marie Angell**
Minor: Information Security,
Privacy and Policy
- ◆ **Mohamed Fadhel Annan**
Minor: Professional Writing
Minor: Tech Entrepreneurship
- ◆ **Shahad Adnan Astaneh**
Minor: Arabic Studies
- ◆ **Gabrielle Flora Mari'Claire
Augustin ***
Additional Major: Human-
Computer Interaction
Minor: Media Design
- ◆ **Muhammad Fatkhu Aziz**
- ◆ **Omar Salah A.H. Bahzad ****
- ◆ **D'Artagnan Balluff**
Minor: Cybersecurity and
International Conflict
Minor: Global Systems and Management
- ◆ **Ronit Batchu ****
Minor: Computer Science
- ◆ **Simran Kaur Bedi**
Minor: Computational Finance
- ◆ **Boushra Bendou**
Minor: Computer Science
Minor: History
- ◆ **Luke J. Blackwell**
Minor: Information Security,
Privacy and Policy
- ◆ **Patrice Analee Bortey**
Minor: Human-Computer Interaction
- ◆ **Adam Patrick Bournes**
- ◆ **Davit Charkviani**
Minor: Business Administration
- ◆ **Tishyaa Chaudhry**
Additional Major: Artificial Intelligence
- ◆ **Abigail Ruixue Chen**
Additional Major: Human-
Computer Interaction
- ◆ **Anqi Chen**
Additional Major: Human-
Computer Interaction
- ◆ **Benjamin Zhiyuan Chen**
Minor: Computer Science
- ◆ **Daniel Chen**
Additional Major: Computer Science
- ◆ **Ke Hao Chen**
Additional Major: Statistics
and Machine Learning
Minor: Computer Science
- ◆ **Kyle Chen**
Additional Major: Human-
Computer Interaction
- ◆ **Xinyi Chen**
Minor: Software Engineering
- ◆ **Guanjie Cheng**
Additional Major: Human-
Computer Interaction
Minor: Computer Science
- ◆ **Meghna Reddy Chityala**
Minor: Technical Writing
- ◆ **Sebin Eichel Choi**
Additional Major: Human-
Computer Interaction
Minor: Global Systems and Management
Minor: Politics and Public Policy
- ◆ **Andrew Wonjoon Chung ****
Minor: Computer Science
- ◆ **Benjamin Christian Condemi**
Minor: Machine Learning
- ◆ **Jamil Salah Daoud**
- ◆ **Houer Deng**
Minor: Creative Writing
Minor: Software Engineering
- ◆ **Anastasiia Dobronravova**
- ◆ **Prina Hiten Doshi**
Minor: Computer Science
- ◆ **Filippos Dounis**
- ◆ **Clarice Du**
Additional Major: Human-
Computer Interaction
Minor: Art
- ◆ **Job Dufitumukiza**
Minor: Biological Sciences
- ◆ **Mohamad El Ghali**
Minor: Business Administration
- ◆ **Sarim Faraz**
- ◆ **Huda Joad**
Minor: Business Administration
Minor: Tech Entrepreneurship
- ◆ **Ghalya Abdulla Johar**
Minor: Arabic Studies
- ◆ **Uzoma Francis Ezuma Chinedu
Ezuma-Ngwu**
Minor: Human-Computer Interaction
- ◆ **Chen Fang**
Minor: Human-Computer Interaction
- ◆ **Ellen Fang**
Minor: Human-Computer Interaction
Minor: Software Engineering
- ◆ **Yu Fang**
- ◆ **Allison Brooke Feldman**
Additional Major: Human-
Computer Interaction
- ◆ **Phyllis A. Feng**
Minor: Human-Computer Interaction
- ◆ **Sen Feng**
- ◆ **Rashmi Francis ****
Additional Major: Human-
Computer Interaction
- ◆ **Sofia Reyes Franco**
- ◆ **Aditya Ganesh ****
Minor: Computer Science
Minor: Global Systems and Management
- ◆ **Jacky Gao**
- ◆ **Nitya Vishwajeet Girase**
Minor: Computer Science
- ◆ **Ava Marie Givone**
Minor: Business Analytics
and Optimization
Minor: Sociology
- ◆ **Chayut Glankwamdee**
Additional Major: Business Administration
- ◆ **Owen H. Gometz ****
Minor: Statistics
- ◆ **Ruiming Gu**
Minor: Business Analytics
and Optimization
- ◆ **Vania Crystal Halim ****
Additional Major: Artificial Intelligence
Minor: Business Analytics
and Optimization
- ◆ **Jonathan Ho**
Additional Major: Human-
Computer Interaction
Minor: Business Administration
Minor: Computer Science
- ◆ **Shanting Hou**
Minor: Computer Science
Minor: Media Design
- ◆ **Ziyi Jiang**
Additional Major: Business Administration
- ◆ **Denise Kaur**
Minor: Business Administration
- ◆ **May Thu Khin**
Minor: Politics and Public Policy
- ◆ **Minjoo Kim**
Minor: Statistics
- ◆ **Meghashyam Krishnasamy
Krutika Kumar**
Minor: Business Administration
Minor: Computer Science
- ◆ **Huarui Lai ****
Additional Major: Human-
Computer Interaction
- ◆ **Matthew Hartman Leboffe**
Minor: Computer Science
Minor: SCS Concentration in
Software Engineering
- ◆ **Lawrence Zong-Wei Lee**
Minor: Business Administration
- ◆ **Adrienne E. Li ****
Minor: Computer Science
- ◆ **Bojun Li**
Minor: Artificial Intelligence
Minor: Computer Science
- ◆ **Jiatong Li**
Additional Major: Human-
Computer Interaction
Minor: Design for Learning
- ◆ **Jielin Li**
Minor: Computer Science
- ◆ **Grace Liao**
Minor: Software Engineering
- ◆ **Jer Wen Lin ****
Minor: Computer Science
- ◆ **Jonathan Michael Lindstrom**
Additional Major: Human-
Computer Interaction
Minor: Intelligent Environments
- ◆ **Julia Liu**
Additional Major: Human-
Computer Interaction
Minor: Psychology
- ◆ **Sebastian Lu**
Minor: Computer Science
Minor: Machine Learning
- ◆ **Sicheng Lu**
Minor: Software Engineering
- ◆ **Raymond Luo**
Additional Major: Computer Science
- ◆ **Nada Abdulaziz Maaraftiya**

Miles Victor Maltbia *

Minor: Information Security,
Privacy and Policy

Chase Andre Marshall

Minor: Business Administration

◆ **Kajal Mehta**

Minor: Human-Computer Interaction

Caroline Grace Michalow

Minor: Global Systems and Management
Minor: Science, Technology and Society

Basma Mohamed

Jullia Andrei Tallorin Montejo

◆ **Jocelyn Paige Morningstar**

Minor: Design for Learning
Minor: Media Design

◆ **Noor Samir Mostafa**

Additional Major: Computer Science

Sara Nasser Mubarak

Minor: Arabic Studies
Minor: History

Reem Muhammed Hashir

Minor: Tech Entrepreneurship

◆ **Bruno Wol Neira**

Minor: Machine Learning

◆ **Justin Thaddeus Oeni**

Additional Major: Statistics
and Machine Learning

◆ **Sidney Burcu Ozcan**

Minor: Decision Science

◆ **Juhye Sally Pak**

Minor: Business Analytics
and Optimization

◆ **Om Himanshu Patel**

Minor: Software Engineering

◆ **Paufa Phanachet**

Additional Major: Computer Science

◆ **Veronica Constanca Pimenova**

Maryam Rahmatullah
Minor: Business Administration
Minor: Tech Entrepreneurship

Sara Marie Riyadh

Additional Major: Human-
Computer Interaction

Hanah Ryu

Minor: Business Administration

Anushka Ravindra Satpute

Minor: Psychology
Minor: Tech Entrepreneurship

◆ **Jason Jiaxing Shen**

Minor: Business Administration
Minor: Decision Science

◆ **Yinqi Shi**

Dong Hyun Shin

Minor: Computer Science

Dillon Shu *

Minor: Information Security,
Privacy and Policy

◆ **Lauren N. Smith**

Minor: Software Engineering

Will Schoolcraft Squibb

Minor: Software Engineering

Zhijian Sun

◆ **Jiahui Tang**

Additional Major: Computer Science

◆ **Aarav Girish Tanti ****

Minor: Business Administration

Darius Mark Taylor **

Minor: Cybersecurity and
International Conflict

◆ **Neha Tirumalai**

Minor: Business Administration

◆ **Vy Nhat Thanh Tran**

Minor: Information Security,
Privacy and Policy

Anuja Uppuluri

Juan Pablo Urista

Minor: Media Design

◆ **Olivia Grace Van Zandt**

Minor: Business Administration
Minor: Cybersecurity and
International Conflict

◆ **Limiao Wang**

Minor: Statistics

◆ **Victor Wang**

Additional Major: Human-
Computer Interaction

◆ **Karissa Lynn Williams**

Additional Major: French and
Francophone Studies

◆ **Sophia Julianna Witt**

Additional Major: Human-
Computer Interaction

◆ **Emily Liying Xie**

Additional Major: Computer Science

◆ **Feiyang Xu**

Minor: Business Administration

◆ **Tracy Yang**

Additional Major: Business Administration

◆ **Yuchen Yao**

Additional Major: Statistics

◆ **Zhiheng Ye**

Additional Major: Artificial Intelligence

◆ **Kaylin Yeoh**

Minor: Business Analytics
and Optimization
Minor: Human-Computer Interaction

◆ **Jeffrey L. Zhang**

Minor: Economics

Katelyn Zheng

Additional Major: Social
and Political History

◆ **Yujia Zheng**

Additional Major: Computer Science

◆ **Xuchao Zhou**

Minor: Economics

◆ **Alexander Zhu**

Minor: Computer Science

Dietrich College of Humanities and
Social Sciences *and* Mellon College
of Science

SCIENCE AND HUMANITIES SCHOLARS PROGRAM

BACHELOR OF SCIENCE

◆ **Seojun Jang ****

Minor: Computer Science

Honor Society Inductees and ROTC Officer Commissioning

ALPHA IOTA DELTA

Alpha Iota Delta, the International Honor Society in Information Systems and Decision Sciences was founded in 1971. The purposes of Alpha Iota Delta are to confer distinction for academic excellence; to promote fellowship among students, faculty and administrators who share common professional interests; and to promote the application of the tools, concepts and methodologies of Information Systems and Decision Sciences toward the betterment of society. Alpha Iota Delta elects students to membership based on two key criteria: academic excellence and outstanding campus citizenship. The Carnegie Mellon University chapter was established in 2008.

Ben Condemi	Adrienne Li
Prina Doshi	Jiatong Li
Phyllis Feng	Best Pantusen
Aditya Ganesh	Emily Xie
Jacky Gao	Kaylin Yeoh
Shan Ting Hou	Alex Zhu

ANDREW CARNEGIE SOCIETY

Andrew Carnegie Society (ACS) Scholars are selected each year by their deans and department heads to represent their class in service and leadership. These undergraduate seniors embody Carnegie Mellon's high standards of academic excellence, volunteerism, leadership, involvement in student organizations, athletics and the arts. Since its inception in 1975, the program has recognized over 1,000 students. Each ACS Scholar receives a monetary award — made possible by the generosity of ACS members — that supports their academic and personal growth. Additionally, they work together as a committee to present a gift back to the university community. Through this opportunity, the students experience the joy of philanthropy firsthand.

Sanaa Akindele	Jack Lin
Dana Al-Disi	Jing Lin
Ava Allard	Raka Mazumder
Nancy Anderson	Jacques Moye
Sruti Bapatla	Jocelyn Morningstar
Mimi Chuang	Vic Nguyen
Eleanor David	Aarnav Patel
Anna Engel	Aliyah Quill
Abby Gredell	Zoe Schneider
Gabriella Howse	Gil Shteyman
Jordan Hsieh	Drake Som
Chaco Iwase	Shruti Srinivasan
Gemma Jefferson	Sophie Vincens
Sarah Jensen	Jolie Wasserman
Camden Johnson	Katherine Wu
Olivia Karny	Francesca Yu
Alexandra Knox	Jackie Yu
Elizabeth Knox	Maria Yampolsky
Christian Lanuza	Fatima Yousaf
Liberty Lapayowker	Elizabeth Zapanta

BETA GAMMA SIGMA

Beta Gamma Sigma, the international business honor society, recognizes outstanding academic achievement. It was founded in 1913 and serves business programs accredited by AACSB International — the Association to Advance Collegiate Schools of Business. Membership in Beta Gamma Sigma provides graduates with opportunities to network with other outstanding business leaders throughout the nation. Carnegie Mellon's chapter was established in 1983.

Briana Z. Chen	Esha Rao
Libby Marie Eichberger	Keanu Nigel Singh
Annie Tingyue Geng	Chenin Soffer
Nofar Katzav	Allison Marie Tribendis
Arshriya Koul	Sarah Jane Tribendis
Lizzie Lomjaria	Sammi Yang
Riya Patel	Grace Yu
Emily Xin-Yue Qian	Jodie Zheng

CHI EPSILON

Chi Epsilon is the National Civil Engineering Honor Society in the United States, recognizing engineering students who have exemplified the principles of "Scholarship, Character, Practicality and Sociability" in the civil engineering profession.

Seth Altman	Flannery McNair
Purva Bommireddy	Rory Oden
Nicolas Bosquet	Krishnav Sekhri
Chloe Brown	Shria Shyam
Barbara Castro-Schell	Winona Wang
Jane Fleischman	Beatrice Wu
Luke Grupp	Tianze Zhou
Jongwoo Han	

MORTAR BOARD

Mortar Board is a national honor society that recognizes college seniors from all disciplines for their achievements in scholarship, leadership and service. It provides opportunities for continued leadership development, promotes service to the campus and off-campus communities, and encourages lifelong contributions to society.

Honora Armfield	Eliot Herron
Sruti Bapatla	Matthew Hou
Anand Beh	Eleanor Ickes
Alessia Bonacini	Gemma Jefferson
Zoe Brown	Joyce Lee
Anna Cappella	Angelique Pham
Camille Chandler	Pranav Srinivas
Briana Chen	Grace Tang
Ethan Cooper	Kyndall Tatum
Chloe Deng	Yunhuan Wu

OMICRON DELTA EPSILON

Omicron Delta Epsilon (ODE) is an international honor society expressly dedicated to promoting excellence in the field of economics at all levels of scholarship. The Carnegie Mellon Chapter was founded in 1969. Our chapter seeks to promote and recognize achievement in economics at Carnegie Mellon University as well as foster and promote closer ties between students and faculty.

Amit Shankar Bhattacharjya	Chin Wei Jie Joshua
Nicholas Valerian Biernadski	Corbin Drake Kunich
Tarun Chandanala	Asha Madupuru
Daiyan Chen	Trish Nhan
Xi Chen	Joy Toil Park
Lauren Chin	Yaolin Zhang

PHI BETA KAPPA

Founded in 1776, Phi Beta Kappa is the nation's oldest and largest academic honor society, recognizing outstanding achievement in the liberal arts and sciences. Carnegie Mellon's chapter was established in 1995.

Atto Allas	Chaco Iwase
Emily Amspoker	Gemma Jefferson
Creighton Arrington	Weiwen Jiang
Lydia Berger	Claire Jin
Paige Brady	Shanshan Jin
Zoe Brown	Camden Johnson
Anna Cappella	Ryan Judge
Camille Chandler	Ryan Kim
Briana Chen	Nicholas Kocurek
Siyuan Chen	Arshriya Koul
Yu-Ching Chuang	Liberty Lapayowker
Alice Crafford	Joyce Lee
Abigail Defranco	Michael Li
Leo Deng	Yunshu Li
Jiaying Du	Rui Lin
Karissa Dunkerley	Tianrui Lin
Anna Engel	Yaxuan Liu
Elizabeth Fu	Reed Luttmer
Annie Geng	Colleen Moosman
Noémie Gomes-Jourdan	Kiera O'Flynn
Riley Green	Arnav Paliwal
Aidan Greenaway	Joy Park
Jack Hall	Cynthia Qian
Almutwakel Hassan	Iris Gitanjali Reed
Julia Holz	Olivia Reed
Gabriella Howse	Kevin Ren
Shui Hu	Jackson Romero
Roy Huang	Kate Russo
Susan Huang	Riley Santiago
Ran Huo	Zoe Schneider

Aanika Schueler
Yuyang Shang
Lucia Shen
Susan Switzer
Stella Trickett
Wesley Tseng
Lillian Van Veen
Silas Wang
Elmer Weng
Soren Westrey

Chaise Wolf
Tianqi Wu
Maria Yampolsky
Lijie Yang
Sammi Yang
Daniel Ye
Serena Yip
Kevin You
Jodie Zheng

PI KAPPA LAMBDA

Recognized as the premier national honor society for academic excellence in music, Carnegie Mellon's chapter was established in 1997. Since then, the School of Music has inducted some 375 students and faculty members into the honors society.

Rachel Boll	Aliyah Nicole Quill
Liam Dale	Holly Renée Romanelli
Evelyn Anne Davenport	Nathan Sekela
Leila Gottlieb Hedayati	Siyuan Shen
Isabelle Hoyou	

PI SIGMA ALPHA

Pi Sigma Alpha is the national political science honor society. It is an upper division, specialized honor society, and membership is open to students taking courses in government, political science, international relations, and public administration. Established in 1919, Pi Sigma Alpha members strive to encourage the scientific and practical study of problems of government, to foster reforms in our governmental machinery, and to aid in the education of the electorate in problems of government.

Creighton Arrington	Sophie Peirano
Riley Green	Lucia Shen
Joyce Lee	Adrian Shin
Colleen Moosman	Katy Yu
Trish Nhan	

PSI CHI

Psi Chi is an international honor society whose purpose is to encourage, stimulate and maintain excellence in scholarship of the individual members in all fields, particularly in psychology, and to advance the science of psychology. Membership in the society is contingent on having obtained the highest standards in academic excellence and having shown a serious interest in the scientific advancement of psychology as a field of scholarly inquiry.

Melina Arroyo	Jill Kao
Madison Beall	Maya Kasbekar
Sunjung Bok	Gavin Kelly
Joan Campana Delgado	Eunbean Lee
Hannah Chen	Alice Li
Kel-Li Chen	Helena Locateli
April Chou	Caitlyn McCready
Sara Christie	Roy Park
Lydia DeSchiffart	Audrey Pavlica
Elizabeth Durr	Rosemary Seet
Marissa Fernandez	Meenakshi Sundrum
Amelia Griffin	Susan Switzer
Alva He	Niki Wang
Qingxuan He	Yiyao Wang
Kaylee Hong	Zishan Xu
Kavya Iyer	

SIGMA TAU DELTA

Sigma Tau Delta, International English Honor Society, strives to: confer distinction for high achievement in English language and literature in undergraduate, graduate and professional studies; provide cultural stimulation on college campuses, and promote interest in literature and the English language and foster literacy in surrounding communities; foster all aspects of the discipline of English, including literature, language and writing; promote exemplary character among its members; exhibit high standards of academic excellence.

Cameron Adams	Ellie Lee
Sanaa Akindele	Shannon Lee
James Baracia	Sienna Lehner
Anand Beh	Piper Ligotti
Kathryn Villareal Bell	Lucas Lin
Allison Blair	Sina Lin
Kel-Li Chen	Stephen Makin
LiLi DiMuzio	Adrien Marengo
Riona Duncan	Frances Marino
Catherine Dundon	T'Ana Moore
Ru He	Vaun Moser
Shannon Horning	Madeline Scotti
Shui Hu	Ursula Sturgeon
Abe James	Holly Wang
Arrim Jung	Rachel Wilson
Jackson Kiggins	Syd Wu
Jacqueline Kim	Hannah Wyatt
Natalie Koch	Yuqi Zou
Kaya Kozlowski	

TAU BETA PI

Tau Beta Pi (TBP) is the engineering honor society in the United States, recognizing students and professionals who have distinguished themselves through academic excellence and exemplary character. Founded in 1885 at Lehigh University, it is the second-oldest honor society in the U.S. and is open to engineering students from all disciplines.

Mohammed Alfaraj	Linda Liu
Nancy Anderson	Ethan Lu
Honora Armfield	Phylicia Ma
Gabby Bell	Anja Meaney
Lameck Beni	Avineet Nanjappa
Mary Julliet Billings	Keenan Norton
Billy Boucuvalas	Chris Oh
Harry Burton	Zeynep Orucu
Jeffery Cao	Carl Otten
Bilal Chaudhry	Pranav Pranav
Mingkai Chen	Aditti Ramsisaria
Sarah Chung	Michael Rapp
Reed Cooper	Lewis Rockwell
Andrew Cuonzo	Matthew Saenz
Eleanor David	Richard Sbaschnig
Rebecca Dettmar	Krishnav Sekhri
Katie Eisenman	Yufan Shi
Nik Firestone	Raunak Sood
Nikhil Ganesh	Oi Srinualnad
Sebastian Garcia	Kaloyan Stefanov
Bennett Grace	Summer Sun
Ben Gu	Claire Swift
Andy Han	Emily Szabo
Tyler Harp	Michaela Tecson
Eleanor Hodgson	Nihar Trivedi
Alyssa Hoffman	Trey Wagner
En Hung	Gongwei Wang
Alexander Ivanov	Oscar Wilcox
Jimmy Kim	Lara Witwick
Nate Klein	Katherine Wu
Riti Krishna	McKenzie Young
Ellen Lee	Angie Zhao
Jing Lin	Linda Zhao
Jessica Liu	

ROTC OFFICER COMMISSIONING

U.S. Air Force

Elliot Escalante, 2nd Lieutenant
Beatriz Holzbach, 2nd Lieutenant

U.S. Army

Adam Bournes, 2nd Lieutenant
Riley Wallace, 2nd Lieutenant

U.S. Navy

Benjamin Condemi, Ensign
Joshua Malley, Ensign

Years in Review 2021-2025

It's been a remarkable four years at Carnegie Mellon. Here are some of the highlights.



NROTC Steps Up to Honor the Victims and Heroes of 9/11

SEPTEMBER 2021 – The Steel City Naval Reserve Officers Training Corps (NROTC) gathered at the 20-yard-line of Gesling Stadium to begin a workout that would commemorate the 20th anniversary of the September 11 terrorist attacks. The workout began at 8:46 a.m., the time American Airlines Flight 11 struck the North Tower of the World Trade Center, and involved climbing the stadium steps 17 times, which is roughly the equivalent of climbing all 110 stories of the World Trade Center and enough to ensure one step was climbed for each of the 2,996 people who died in the attacks.

CMU's Posner Lays Track for Future of Rail Transit

AUGUST 2021 – Henry Posner, chairman of the Railroad Development Corporation and an adjunct professor at CMU, furthered his vision for a rail-based mass transit system in the United States with the creation of Pop-Up Metro — a battery-powered, modular train that can be inserted onto existing infrastructure. Posner, who teaches the history class “The American Railroad — Decline and Renaissance in the Era of Deregulation,” imported remanufactured passenger railcars from Britain and retrofitted them with battery technology. The battery train is the only one of its kind in the Western Hemisphere.



CMU Opens New Residence Hall and Community Space on Fifth Avenue

SEPTEMBER 2021 – Carnegie Mellon opened Fifth and Clyde House, a new six-story residence hall, and the Fifth Avenue Neighborhood Commons, a 5,000 square-foot community space inside the building, where students, faculty and staff can meet to nurture and strengthen community and connection. The commons includes music jam rooms, dance rooms and study nooks. At the heart of the commons is a hearth, a place to gather, talk and relax.



We're Back!

SEPTEMBER 2021 – Carnegie Mellon students and faculty returned to in-person instruction for the fall semester after 18 months of online classes due to the COVID-19 pandemic. The consensus across campus was that nothing beats learning and teaching in person.

Team Explorer Prepares for Final Round of DARPA SubT Challenge

SEPTEMBER 2021 – Team Explorer, the SubT Challenge entry from Carnegie Mellon and Oregon State University, traveled to the Mega Caverns cave complex in Louisville, Kentucky in an attempt to bring home the \$5 million prize money in the final round of the DARPA SubT Challenge, a competition to develop technologies needed by military and civilian first responders to operate in underground environments that are potentially unsafe for humans.



'All Behaviors Welcome' to New Concert Series

NOVEMBER 2021 – Carnegie Mellon's Monique Mead, director of music entrepreneurship at CMU, and a team of graduate students in her "Collaborative Project in Music Entrepreneurship" course, brought Azure concerts to Pittsburgh. The concerts were named for a shade of blue associated with calming and acceptance for people on the Autism spectrum and other related challenges.



Lackner Built a Winning Football Family at Carnegie Mellon

DECEMBER 2021 – Carnegie Mellon football coach Rich Lackner retired after 36 years at the helm following the 2021 season. Lackner, an inaugural inductee into CMU's Hall of Fame, was known for building a program characterized by its close-knit culture, a network of hundreds of football alumni and a moral compass of the highest integrity. He left CMU with 233 wins, 12 conference championships and seven Coach-of-the-Year awards.



CMU Students Prepare to Send Rover to Moon

DECEMBER 2021 – Carnegie Mellon's Iris rover was secured to one of the payload decks of Astrobotic's Peregrine Lunar Lander, which will deliver it to the moon next year. The shoebox-sized Iris aims to be the first American, student-developed, smallest and lightest rover to land on the moon. It is equipped with cameras to facilitate both its guidance and scientific observations of the moon's terrain and rock formations.

CMU Invites Students to Explore Artificial Intelligence with Opening of JPMorgan Chase & Co. AI Maker Space

JANUARY 2022 – This 2,000-square-foot AI maker space facility located in the Tepper School of Business was opened to allow Carnegie Mellon students to develop cutting-edge AI technologies. Unlike traditional maker spaces, which focus on building hardware, the AI maker space concentrates on software development. The space houses state-of-the-art hardware available to students, who also have access to associated software packages and massive datasets to pursue independent research and complete projects.



CMU Hosts Groundbreaking Ceremony for New Beacon of Student Life

JANUARY 2022 – Carnegie Mellon broke ground for the new Highmark Center for Health, Wellness and Athletics, a \$105-million facility that will open in fall 2024 and convert the southeast corner of campus into a hub for students' well-being.



Senior Greta Markey Earns Marshall Scholarship

FEBRUARY 2022 – Carnegie Mellon's Greta Markey received the highly competitive Marshall Scholarship, which is awarded to fewer than 50 Americans each year to fund graduate education in the United Kingdom. She is the fifth CMU student to receive the award since 1955. Markey, a senior double major in civil and environmental engineering and engineering and public policy, will study environment and international development at the University of East Anglia and its Water Security Research Center.

Design Students Envision New Ways to Provide Relief in a Water Crisis

JANUARY 2022 – In partnership with Bollinger Motors, the eight students in Eric Anderson's Product Design 3 course configured one of the company's B2 trucks to help first responder mobile water filtration systems deliver drinking and cleaning water to residences within the first 48 hours of a crisis — filling the gap until larger emergency response systems and organizations come online. The students took advantage of the truck's design features such as a patented pass-through channel to create innovative water filtration and delivery systems.

EPA Names CMU One of Top 30 Green Power Universities

DECEMBER 2021 – The Environmental Protection Agency ranked Carnegie Mellon 11th in its Top 30 College and University List as part of its Green Power Partnership. CMU began purchasing renewable energy in 2001 with 5% of the university's electricity usage fueled by wind power. At that time, it was the largest-ever retail purchase of wind-generated electricity in America. Twenty years later, CMU purchases renewable energy for all of its electricity needs.



CMU Student Competes in Jeopardy! National College Championship

FEBRUARY 2022 – Carnegie Mellon senior and self-proclaimed trivia nut Kristin Donegan competed in the Jeopardy! National College Championship, advancing to the semifinals. She had been trying out for Jeopardy! regularly since she arrived at CMU as a first-year student. Donegan wasn't the only one in

her family who's a trivia ace — her fraternal twin sister, Ciara, a senior at the University of Maryland, appeared on the game show a few weeks later.



CMU Earns Gold Rating for Commitment to Green Practices, Sustainability

MARCH 2022 – Carnegie Mellon was awarded its second consecutive gold ranking by the Association for the Advancement of Sustainability in Higher Education for its sustainability performance in five categories: Academics, Engagement, Operations, Planning and Administration, and Innovation and Leadership. Carnegie Mellon earned a silver rating in 2015 and its first gold award in 2019.

Campus Community Rises Up Against Hunger

FEBRUARY 2022 – After a two-and-a-half-year hiatus due to the COVID-19 pandemic, more than 250 members of the Carnegie Mellon community came together to package 58,536 meals in a Rise Against Hunger event in Wiegand Gymnasium. Rise Against Hunger is a growing global movement to end hunger by empowering communities through agriculture and income-generating initiatives, nourishing lives through safety net programs and responding to emergencies through crisis relief. The meals, which were shipped to Haiti, included enriched rice, soy protein, dried vegetables and 20 essential vitamins and nutrients.

Adventurously Themed "Ad Astra," Spring Carnival Returns to Campus for In-Person Fun

APRIL 2022 – Andrew Carnegie must have been smiling from above. For the first time since 2019, Carnegie Mellon's Spring Carnival, the most celebrated university tradition, returned to campus in person and in full glory with thousands of Tartans enjoying all the traditional favorites, including Booth, Buggy and Mobots. The Sweepstakes Races, a.k.a. Buggy, celebrated 100+ years this spring as they began in 1920 as part of Campus Week.



Undergraduate Women Use Political Power to Create Change

MARCH 2022 – Undergraduate women at Carnegie Mellon are impacting local and national politics through involvement in student groups like Women in Politics at CMU and Feminists Engaged in Multicultural Matters and Education (F.E.M.M.E.). The groups strive to educate students by demonstrating the power of political participation, encourage women and minority students to recognize politics as an effective means of personal empowerment and educate the campus community on societal marginalization through an intersectional feminist lens.



***Carnegie Mellon University and Mastercard Foundation
Partner To Drive Youth-led Digital Transformation in Africa***

SEPTEMBER 2022 – Carnegie Mellon University and the Mastercard Foundation, in collaboration with the Government of Rwanda, have entered into a transformational partnership in higher education and innovation in Africa to catalyze opportunities for 10,000 young people to engage with emerging technologies and lead the digital transformation of the continent. The \$275.7 million investment from the foundation includes a \$175 million endowment to perpetually fund Carnegie Mellon Africa and \$100.7 million to establish CMU-Africa's Center for the Inclusive Digital Transformation of Africa.



Guiding the Clean Energy Transition

SEPTEMBER 2022 – The first-ever Global Clean Energy Action Forum drew members of the global energy community to Pittsburgh to share their ideas on how to move toward a clean and sustainable future. Carnegie Mellon University was a co-sponsor with the Department of Energy in hosting the conference.



***Undergraduate Researches
the Impact of COVID-19 on
Gender Identity***

SEPTEMBER 2022 – During the COVID-19 pandemic, psychology major Alana Silva-Cacdac saw close friends in isolation begin to question their gender identity. With the help of her Summer Undergraduate Research Fellowship, Silva-Cacdac was able to conduct research to better understand how gender identity is formed.



***Installation Ceremony Officially Welcomes
CFA Dean***

OCTOBER 2022 – Mary Ellen Poole was officially installed as Carnegie Mellon University's 13th Stanley and Marcia Gumberg Dean of the College of Fine Arts in Kresge Theatre on Thursday, Sept. 29. A well-known musicologist, she also will hold a faculty appointment as a professor of music. Throughout her career, she has consistently advocated for increased performance opportunities for student ensembles.

Movie Math: Tetali's Equations Seen in Film

OCTOBER 2022 – Prasad Tetali, the Alexander M. Knaster Professor and head of the Department of Mathematical Sciences in the Mellon College of Science, wrote the on-screen calculations in the Paramount+ movie *Jerry & Marge Go Large* to explain how the math in a legal lottery loophole would work.



Tartans Celebrated for Their Exceptional Academic Standing

DECEMBER 2022 – Thirty-one of the highest-achieving juniors and seniors were recognized for their commitment, passion and success in the classroom at the annual Student-Athlete Academic Achievement Celebration. Collectively, the honored students hold a 3.87 grade-point average. A dozen of them have perfect 4.0 GPAs. And together, they've helped the Tartans achieve record-setting athletic results.

Bill Sanders Installed as the Dr. William D. and Nancy W. Strecker Dean

DECEMBER 2022 – A long-awaited ceremony to formally install William H. Sanders as the 15th dean of the College of Engineering and celebrate the extraordinary gift to establish the Dr. William D. and Nancy W. Strecker Dean's Chair that Sanders now holds was held on Thursday, Nov. 3. Sanders joined Carnegie Mellon in January 2020 only months after the dean's chair was created and just weeks before the campus transitioned to remote instruction status in response to the COVID-19 outbreak, causing the university to postpone the ceremony.



Inspiring the Next Generation of Artists

JANUARY 2023 – The 2022 winner of the Excellence in Theatre Education Award, Roshunda Jones-Koumba, and her students at G.W. Carver Magnet High School in Houston, Texas received a special visiting master class by faculty and alumni from the School of Drama. The award was created through a partnership between CMU and the Tony Awards to annually recognize a K-12 theatre educator in the U.S. who embodies the highest standards of the profession and demonstrates a positive impact on the lives of students, advancement of the theatre profession and a commitment to excellence.

CMU Pairs with Penguins on Autonomous Zamboni Machine

JANUARY 2023 – A student team from CMU's Robotics Institute dubbed "AI on Ice" has partnered with three organizations, including the Pittsburgh Penguins, to improve rink ice consistency using artificial intelligence.



Theresa Mayer Named Vice President for Research

JANUARY 2023 – Theresa Mayer was named CMU's new vice president for research. The Office of the Vice President for Research advocates for university research through global thought leadership; provides central research administration; supports a culture of ethical research and compliance; promotes economic development through technology



transfer and entrepreneurship; builds new and diverse research partnerships with industry, government and nonprofit entities; and works with colleagues across campus to support university-wide research initiatives and creative endeavors.

CMU Named Top Producer of Fulbright U.S. Students

FEBRUARY 2023 – Carnegie Mellon University was named a top producer of Fulbright U.S. students by the U.S. Department of States' Bureau of Educational and Cultural Affairs. In the academic year 2022-23, 10 students and recent alumni were selected for the international education program, which provides funding to teach English, pursue graduate studies or conduct research abroad. CMU has been a part of the Fulbright program since the inaugural class in 1949. Since then, 122 Tartans have been selected.

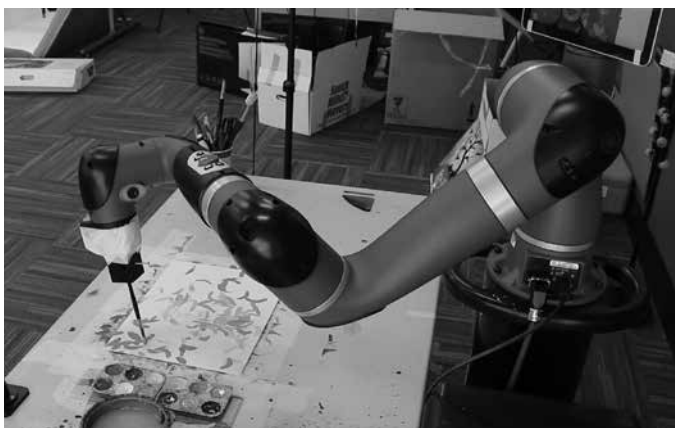
Carnegie Mellon, Rales Foundation Announce Groundbreaking Initiative To Broaden Access to STEM Education

FEBRUARY 2023 – A \$150 million gift from the Norman and Ruth Rales Foundation will establish the CMU Rales Fellows Program that will cultivate a new generation of domestic STEM leaders while eliminating cost as a barrier to graduate education. Empowering students from underrepresented and under-resourced backgrounds — dubbed the Missing Millions by the National Science Foundation — through a graduate degree will increase the number and diversity of voices within STEM research, education and innovation, and also will help the U.S. meet the growing need for a new generation of leaders.



New Student-Run Eatery Opens in the Tepper Building

FEBRUARY 2023 – Capital Grains, a new student-run eatery in the Tepper Building, will provide another nutritious dining option on campus and an opportunity for students to grow their skills in restaurant management and operations. The eatery is a first-of-its-kind for Chartwells, which oversees the dining experience at CMU and about 300 other college and university campuses nationwide.



Carnegie Mellon's AI-Powered FRIDA Robot Collaborates with Humans To Create Art

FEBRUARY 2023 – CMU's Robotics Institute has created a robotic arm that uses artificial intelligence to collaborate with humans on works of art. FRIDA, named after Frida Kahlo, stands for Framework and Robotics Initiative for Developing Arts. The robot uses AI models similar to tools like OpenAI's ChatGPT and DALL-E 2, which generate text or an image, respectively, in response to a prompt. FRIDA simulates how it would paint an image with brush strokes and uses machine learning to evaluate its progress as it works.





Doctoral Research Reaches Public in 3MT Championship

MARCH 2023 – Durva Naik from the Department of Materials Science and Engineering took first place at the annual Three Minute Thesis competition. Each year, doctoral candidates compete to explain their research in three minutes in language simple enough for a general audience to understand. The event, which is in its eighth year at Carnegie Mellon, started at the University of Queensland in 2008 and has been adopted by over 900 universities across more than 85 countries worldwide.

Team Wins Air Force Research Laboratory AI Grand Challenge

MARCH 2023 – A team of collaborators from Carnegie Mellon University and the University of North Carolina at Chapel Hill won Phase 1 of the National Security Innovation Network-sponsored Air Force Research Laboratory Active AI Planners for Chemistry/Materials Optimization and Discovery Grand Challenge. The challenge includes the potential of a \$500,000 contract to develop a machine learning artificial intelligence system that can help researchers quickly find appropriate experimental conditions for optimizing and discovering new synthetic compounds using multisystem approaches.



Iris Rover Team Prepares for Upcoming Launch

MARCH 2023 – A CMU student-built moon rover called Iris is scheduled to head to the moon this year. The rover will be the first American lunar rover, the first student-developed rover, the smallest and lightest rover, and the first with both a carbon fiber chassis and wheels. The Iris mission demonstrates what is possible and could chart the future of planetary exploration.





NATIONAL CHAMPIONS! Men's Golf Wins the First NCAA Team Title in CMU Athletics History

MAY 2023 – The CMU men's golf team made history by winning the first NCAA Division III Championship in university history.

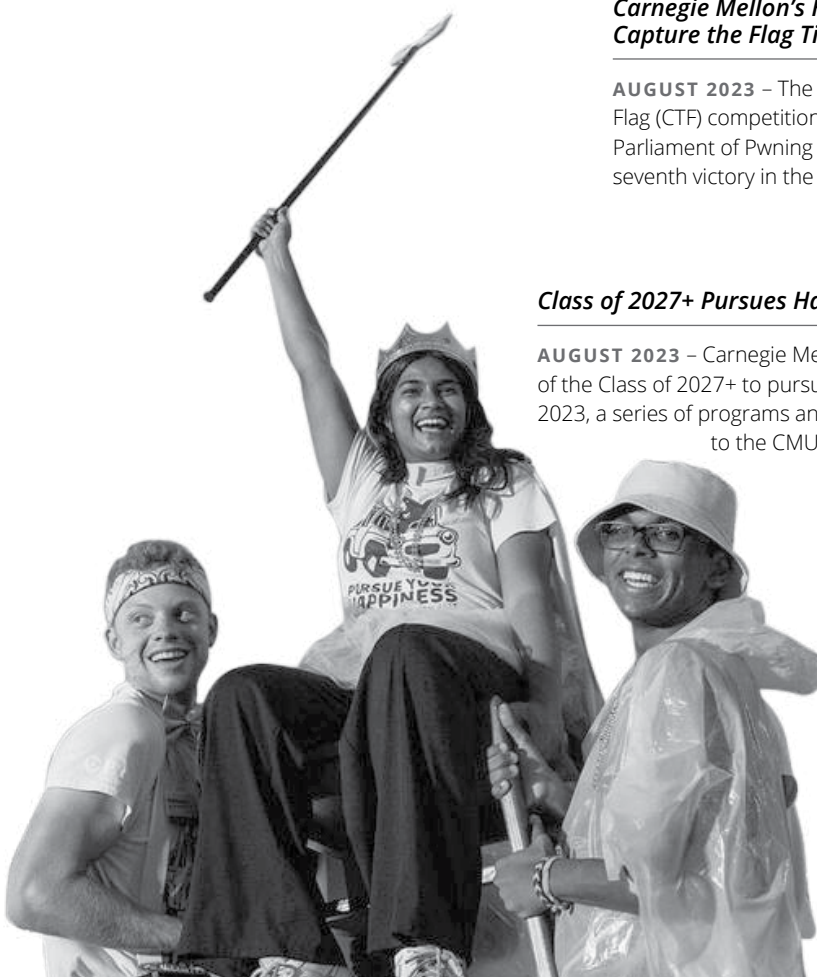


Carnegie Mellon's Hacking Team Wins 7th DEF CON Capture the Flag Title

AUGUST 2023 – The winningest team in DEF CON's Capture the Flag (CTF) competition history, Carnegie Mellon University's Plaid Parliament of Pwning (PPP), defended its title and earned its seventh victory in the past 11 years.

Class of 2027+ Pursues Happiness at Orientation

AUGUST 2023 – Carnegie Mellon University invited the 1,722 members of the Class of 2027+ to pursue their happiness through Orientation 2023, a series of programs and activities welcoming the new Tartans to the CMU community.





Carnegie Mellon Qatar Students Win Top Food Tech Idea for Printing Vegetables

AUGUST 2023 – Two students at Carnegie Mellon University in Qatar (CMU-Q), a Qatar Foundation partner university, won top prize in the food technology category at the Business Incubation and Acceleration Hackathon, hosted by Qatar Development Bank (QDB). Mohammad Fadhel Annan and Lujain Al Mansoori created an idea for 3D-printed vegetables, an alternative to farming that could bolster food security in places like Qatar, where there is little arable land.

CMU Robot Puts on Shirts One Sleeve at a Time

AUGUST 2023 – Researchers at CMU's Robotics Institute have developed a robot-assisted dressing system that leverages the capabilities of artificial intelligence to accommodate various human body shapes, arm poses and clothing selections. Each time the robot properly placed a garment further along a person's arm, it received a "reward." Through continued reinforcement, they increased the system's learned-dressing strategy success rate.



SURF Grant Supports Student's Exploration of Pittsburgh's 'Forgotten' Communities

SEPTEMBER 2023 – With an open mind and a free bus pass built into her Carnegie Mellon University Student ID card, Hannah Lesser, a double major in communication design and social and political history, used her SURF grant last summer to explore Pittsburgh's "forgotten" neighborhoods to better understand complicated ideas of wealth and resource distribution, class, socioeconomics and, most importantly, human stories.



Carnegie Mellon University Payloads Iris, MoonArk Launch as Part of Historic Lunar Mission

JANUARY 2024 – Payloads from CMU launched to the moon at 2:18 a.m. on Monday, Jan. 8, as part of America's return to the lunar surface for the first time in 50 years. Iris, a tiny rover, and MoonArk, a collaborative sculpture project, were bolted to Peregrine, a lunar lander built by CMU-spinout Astrobotic. The projects brought together students from every school at CMU.



CMU's Iris Rover: A Heartbeat in Space, A Legacy on Earth

JANUARY 2024 – When CMU students learned that their student-designed and built moon rover named Iris wouldn't reach the moon after all, they transformed their Florida rental home into an impromptu command center and decided to make the most of any time remaining of the rover's journey.



MSBA Students from the Tepper School of Business Showcase Google's Generative AI Potential in Hackathon

JANUARY 2024 – In a recent Google hackathon hosted by Carnegie Mellon University's Tepper School of Business, Master of Science in Business Analytics students explored the potential of Google's generative AI products. The event highlighted the practical applications and creative exploration of artificial intelligence within business.



Students Explore Freedom of Speech in Grand Challenge Seminar

JANUARY 2024 – A new Grand Challenge Seminar in Carnegie Mellon University's Dietrich College of Humanities and Social Sciences offered 40 first-year students a comprehensive exploration of the principles, controversies and significance of freedom of speech and academic freedom.

CMU Students Travel to Geneva for UN Meeting on Disarmament

JANUARY 2024 – Three CMU students — Camden Johnson, Cameron Shapiro and Tatym Rasmussen — were selected by Mines Action Canada and CMU's Sustainability Initiative to visit the United Nations and participate in the 21st Meeting of the States Parties to the Convention on the Prohibition of the Use, Stockpiling, Production and Transfer of Anti-Personnel Mines and on Their Destruction in Geneva.



CMU Basketball Team Honors 'Secret Game' of 1944

FEBRUARY 2024 – CMU basketball players paid tribute to what came to be known as "The Secret Game" between members of the North Carolina College for Negroes (now North Carolina Central) and the Duke medical school basketball team on a Sunday morning in May 1944. The game defied Jim Crow segregation laws and had the players facing potential jail time and physical threats for playing an exhibition game behind locked doors.



CMU-UBC Team Wins Challenge To Advance Parkinson's Disease Research

FEBRUARY 2024 – Mellon College graduate students Ben Koby, Filipp Gusev and Evgeny Gutkin were part of the CMU team that tied for first place in the Critical Assessment of Computational Hit-Finding Experiments (CACHE) Drug Discovery Challenge #1 based on the novelty of their methods and effective results in finding a potential treatment for Parkinson's disease.

Doctoral Researchers Shine in 3MT Championship

MARCH 2024 – Nine CMU doctoral students explained their complex research and its importance in under three minutes during the championship round of CMU's Three Minute Thesis (3MT) competition, held Thursday, March 14. First place was awarded to Benjamin Glaser from Materials Science & Engineering.



10 Tartans Named Fulbright Scholars for 2024-25 Award Cycle

MAY 2024 – Ten members of the Carnegie Mellon University community have been selected as grant recipients for the U.S. Fulbright Student Program's 2024-25 competition cycle. Since the program's inception, Carnegie Mellon has seen 138 Tartans become Fulbright U.S. Student grantees.

National Champions! Women's Golf Wins First NCAA Team Title

MAY 2024 – The Carnegie Mellon University women's golf team made history winning the first NCAA Division III Championship for any women's program in university history.



Highmark Center To Welcome Campus Community as Destination for Well-Being

AUGUST 2024 – The doors to the new Highmark Center for Health, Wellness and Athletics opened to students, faculty and staff during Orientation Week. The center is a destination that offers a holistic approach to well-being through robust services and educational programs supporting body, mind and spirit.





Carnegie Mellon's Hacking Team Wins Third Straight, Record Eighth Overall DEF CON Capture the Flag Title

AUGUST 2024 – Carnegie Mellon's Plaid Parliament of Pwning (PPP), the winningest team in DEF CON's Capture the Flag (CTF) competition history, won its third consecutive title, earning its eighth victory in the past 12 years. DEF CON's three-day flagship competition is widely considered the "Olympics" of hacking.



Carnegie Mellon University Welcomes First Rales Fellows Cohort



SEPTEMBER 2024 – Carnegie Mellon welcomed the inaugural cohort of the CMU Rales Fellows Program. Established in February 2023, the program is dedicated to cultivating the next generation of STEM leaders and increasing access to graduate education. The 2024 cohort comprises 22 fellows pursuing graduate degrees, and represents a total of 17 states, 18 undergraduate institutions and 17 academic programs.



***U.S. News and World Report
Ranks Carnegie Mellon University
No. 1 in 5 Categories, 21st Among
National Universities***

SEPTEMBER 2024 – In the U.S. News and World Report 2025 Best Colleges rankings, Carnegie Mellon ranks No. 1 in five different undergraduate disciplines — artificial intelligence, cybersecurity, management information systems, mobile/web applications and software engineering. Eleven additional Carnegie Mellon programs ranked in the top five, giving CMU a total of 16 specialties that placed fifth or higher.



***CMU-Developed Artificial Lung
Gives Lift to DARPA Project***

DECEMBER 2024 – The Defense Advanced Research Projects Agency (DARPA) has awarded \$18 million to a multi-institutional team, including Carnegie Mellon's Keith Cook, to develop a novel extracorporeal membrane oxygenation (ECMO) and advanced life-support system device capable of rapid deployment to support wounded military personnel.



***Carnegie Mellon Again Named Top
Fulbright Producer***

FEBRUARY 2025 – The U.S. Department of State's Bureau of Educational and Cultural Affairs recognized Carnegie Mellon University for being one of the colleges and universities with the highest number of students selected for the Fulbright U.S. Student Program. The Fulbright Program is the U.S. government's flagship international academic exchange program.

Congratulations **NEW ALUMNI!**

As you move into your exciting next chapter,
it's easy to **stay connected** and
show your CMU pride:



Attend CMU events in
your area and online



Discover ways to
assist future Tartans



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