

Symposium Student List

Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Aburachis, Alyssa Effect of Bilingualism on the Development of Selective Sustained Attention	Science and Humanities Scholars	Poster Presentation	Erik Thiessen Kirr Commons-1st Floor, Window side	Psychology 3-5 pm
Agnihotri, Raunak Learning The Relationships Between Comments And Code	Computer Science	SCS Independent Study (Poster Presentation only)	Bogdan Vasilescu Wiegand Gymnasium - SCS Independent Study	Institute for Software... 12-2:30 pm
Agrawal, Vasu Robust Multi-Agent Aquatic Localization	Electrical & Computer Engineering	Poster Presentation	Anthony Rowe Wean Commons-1st Floor, Connan side	Electrical & Computer ... 3-5 pm
Agrawala, Harit Post-Consumer Food Waste	Statistics	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Ahn, Ji Young Allerjif	Design	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Ahn, Sun Young Brainer! : A brain training Mobile Game for Children to improve their concentration	Science and Arts	Visual Arts	Carrie Hagan Connan	Humanities and Arts 3-5 pm
Ahsan, Raheela The Effects of EPA RVP Regulations on VOC Emissions	Economics	Oral Presentation	Karam Kang Pake	Economics 3:40-4:00 pm
Ahsan, Raheela The Effects of Precipitation on Bottleneck Formation	Economics	Oral Presentation	Mark Patterson Dowd	Social & Decision Scie... 4:20-4:40 pm

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Ahuja, Vishal Allerjif	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Ahuja, Vishal Fruit-Derived Permeation Enhancement of the Intestinal Epithelium for Improved Oral Drug Delivery	Chemical Engineering	Poster Presentation	Kathryn Whitehead Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 10:00 am - 12:00 pm
Alinur, Omar Swinging Whistle	Electrical & Computer Engineering	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Almasi, Rebeka The Development of Selective Sustained Attention and Prefrontal Cortex in Children Using Near-Infrared Spectroscopy	Science and Humanities Scholars	Poster Presentation	Anna Fisher Rangos 2 & 3	Psychology 10:00 am - 12:00 pm
Amin, Tamara The Effect of Dispersants on Bacterial Quorum Sensing	Chemical Engineering	Poster Presentation	Robert Tilton Rangos 1	Chemical Engineering 12-2:30 pm
Andenoro, Kathryn Is secondary structure important for the efficacy of antimicrobial peptides?	Physics	Poster Presentation	Stephanie Tristram-Nagle Rangos 2 & 3	Physics 10:00 am - 12:00 pm
Ang, Edward CMU Freshman Roommate Experience Survey	Statistics	Poster Presentation	Jared Murray Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Angulo Mezerhane, Gustavo Workload clustering and forecasting for Self-Driving Database System	Computer Science	SCS Independent Study (Poster Presentation only)	Andrew Pavlo Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm

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Annaldasula, Siddharth Transcriptomic and Epigenetic Specialization of Humans' and Songbirds' Vocal Learning Brain Regions	Computational Biology	Poster Presentation	Andreas Pfenning Rangos 2 & 3	Computational Biology 10:00 am - 12:00 pm
Anstett, William Helping Declining Local Purple Martin Populations with a New Custom Bird House	Mechanical Engineering	Poster Presentation	Rebecca Taylor Wean Commons-1st Floor, Connan side	Mechanical Engineering 3-5 pm
Arias, Andoni Subtalar Prosthetic Foot	Biomedical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Asthana, Ruchi Identification of Predictive Properties for Malignant, Metastatic Tumor Phenotypes in Breast Cancer	Biological Sciences	Poster Presentation	Russell Schwartz Hoch Commons-2nd Floor, Rangos side	Biological Sciences 3-5 pm
Bai, Alexander Professional Communication in Electrical & Computer Engineering	Science and Humanities Scholars	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 3-5 pm
Bai, Shaojie The Effect of Pre-ReLU Input Distribution on Deep Neural Net's Performance	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Jeremy Kolter Danforth Conference Room	Computer Science 10:40-11:00 am
Bajaj, Anmol Professor x Student Interaction at CMU	Business Administration	Poster Presentation	Jared Murray Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Bajpai, Tanvi Diversifying Recommendations Among Item Categories and User Types	Computer Science	SCS Independent Study (Poster Presentation only)	Ramamoorthi Ravi Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm

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Baker, Homer Vision Augmented Localization using Vector maps (VALV)	Electrical & Computer Engineering	Poster Presentation	William Whittaker Rangos 2 & 3	Robotics Institute 10:00 am - 12:00 pm
Baker, Philip Light-Up Puzzle	Dietrich College Interdisciplinary	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Balakrishnan, Gaurav Non-Covalent Surface Modifications of Grapene and its Use in Graphene-based FET's	Materials Science and Engineering	Poster Presentation	Itzhaq Cohen-Karni Wean Commons-1st Floor, Connan side	Materials Science and ... 12-2:30 pm
Ban, Kaoon Communal Coping Across Cultures of Caucasians, East-Asian Americans, and International East-Asians	Science and Humanities Scholars	Oral Presentation	Vicki Helgeson Peter	Psychology 1:00-1:20 pm
Bandecca, Anna ChemE Car New Member Car SURG	Chemical Engineering	Poster Presentation	Michael Domach Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Bandecca, Anna Non-Electric Dental Pump for Developing Areas	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Bandecca, Anna Pulmonary Drug Delivery using Partial Antibacterial Perfluorocarbon Liquid Ventilation	Chemical Engineering	Poster Presentation	Keith Cook Rangos 1	Biomedical Engineering 12-2:30 pm
Bang, Jaeho EKF data fusion for localization with smart phones	Electrical & Computer Engineering	Poster Presentation	Christoph Mertz Rangos 1	Robotics 12-2:30 pm

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Banks, Margaret Subtalar Prosthetic Foot	Human Computer Interaction	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Barron, Lumi Rolling Sheep - Stop Motion Animation	Art	Visual Arts	Connan	3-5 pm
Barron, Lumi Singing Lights	Art	Visual Arts	Connan	3-5 pm
Basu, Debomita Investigating the Usage of Bronze Powder in Metals Additive Manufacturing	Materials Science and Engineering	Poster Presentation	Anthony Rollett Rangos 1	Materials Science and ... 12-2:30 pm
Becker, Timothy Path Polynomials and Identities in Abelian Transducers	Computer Science	SCS Independent Study (Poster Presentation only)	Klaus Sutner Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Beideman, Calvin Hardness of Approximating Densest k-subgraph	Computer Science	SCS Independent Study (Poster Presentation only)	Ryan O'Donnell Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Beinhart, David Quantifying Dan Lyons' Pain: The Surprising Differences Between HubSpot and BuzzFeed Blog Posts	Business Administration	Oral Presentation	Joanna Dickert McKenna	Student Affairs 3-3:20 pm
Beittenmiller, Kate Computational Simulation of Particle Assisted Abnormal Grain Growth	Materials Science and Engineering	Poster Presentation	Elizabeth Holm Rangos 1	Materials Science and ... 12-2:30 pm

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Beittenmiller, Kate Non-Electric Dental Pump for Developing Areas	Materials Science and Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Bello, Frank Analyzing Cognitive Design Process via Machine Learning	Mechanical Engineering	Poster Presentation	Jonathan Cagan Rangos 1	Mechanical Engineering 12-2:30 pm
Berg, Austin Designing a Leakproof Injector Spike for Contrast Media Transfer in CT/MRI Suites	Materials Science and Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Berger, Adrian Fruit-Derived Permeation Enhancement of the Intestinal Epithelium for Improved Oral Drug Delivery	Chemical Engineering	Poster Presentation	Kathryn Whitehead Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 10:00 am - 12:00 pm
Bergeron, Evan Decision Problems in Invertible Automata	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Klaus Sutner Danforth Conference Room	Computer Science 11-11:20 am
Bhagwat, Apoorva Finding dense clusters in sparse graphs	Computer Science	SCS Independent Study (Poster Presentation only)	Avrim Blum Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Bhardwaj, Rahul Emergency Responder Augmentation	Mechanical Engineering	Poster Presentation	Anil Ada Hoch Commons-2nd Floor, Rangos side	Computer Science 3-5 pm
Bian, Jiaping On Optimal Assets Allocation of Retirement Portfolio	Mathematical Sciences	Poster Presentation	William Hrusa Wean Commons-1st Floor, Connan side	Mathematical Sciences 3-5 pm

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Bidzyan, Lilia The Effects of EPA RVP Regulations on VOC Emissions	Economics and Statistics	Oral Presentation	Karam Kang Pake	Economics 3:40-4:00 pm
Bien, Sarah Gamifying CTFs	Computer Science	SCS Independent Study (Poster Presentation only)	David Brumley Wiegand Gymnasium - SCS Independent Study	Electrical & Computer ... 12-2:30 pm
Bleimeister, Isabel Effects of chronic unpredictable stress on anxiety, cognition, and neuroinflammation in rats subjected to experimental brain trauma	Psychology	Oral Presentation	Marlene Behrmann Dowd	Psychology 1:40-2:00 pm
Blonder, Zachary An FTIR and ultrasensitive QCM Study on the Interaction between Penicillamine and Propylene Oxide	Chemical Engineering	Poster Presentation	Nisha Shukla Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 10:00 am - 12:00 pm
Blonder, Zachary Enantiomeric Separation with Chiral Molecules Accelerated by Gold Nanoparticles	Chemical Engineering	Poster Presentation	Nisha Shukla Rangos 1	Chemical Engineering 12-2:30 pm
Bodas, Prachi Experiments on Friction Pad Texture Gradients	Computer Science	Poster Presentation	Roberta Klatzky Rangos 2 & 3	Psychology 10:00 am - 12:00 pm
Bodas, Prachi Laser and RGB Camera Calibration for Multi-Modal Mapping	Computer Science	SCS Independent Study (Poster Presentation only)	William Whittaker Wiegand Gymnasium - SCS Independent Study	Robotics Institute 12-2:30 pm
Bose, Gautam Knock Knock to Unlock: A Human centered Novel Authentication Method for Secure System Fluidity	CFA Undeclared	Poster Presentation	Austin Lee Hoch Commons-2nd Floor, Rangos side	Design 12-2:30 pm

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Bostanci, Can Deep Learning based object detection for use in Autonomous vehicles.	Computer Science	SCS Independent Study (Poster Presentation only)	Christoph Mertz Wiegand Gymnasium - SCS Independent Study	Robotics 12-2:30 pm
Bowman, Heather How Can Gardenia Flowers Help Treat Strokes?	Materials Science and Engineering	Poster Presentation	Christopher Bettinger Rangos 1	Materials Science and ... 12-2:30 pm
Bowman, Heather LaproClear: A Laparoscopic Lens Cleaning Device	Materials Science and Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Bramharouthu, Divya Cardiopulmonary Bioengineering: Determining the effects of Varying Porosity of Gas Exchange Fibers on Coagulation in Artificial Lung Devices	Materials Science and Engineering	Poster Presentation	Keith Cook Hoch Commons-2nd Floor, Rangos side	Biomedical Engineering 10:00 am - 12:00 pm
Bramharouthu, Divya In Vitro Aneurysm Modeling and Improved Coiling Solutions using Genipin	Materials Science and Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Branson, Amanda BXA Student Showcase	Humanities and Arts	Oral Presentation	M. Stephanie Murray Peter	Humanities and Arts 12:20-12:40 pm
Brooks, Tim Joint Demosaic and Super-resolution using Deep Learning	Philosophy	Poster Presentation	Kris Kitani Kirr Commons-1st Floor, Window side	Robotics Institute 10:00 am - 12:00 pm
Brown, Jordan Security Types That Work: Type-Driven Repair for Web Frameworks	Computer Science	SCS Independent Study (Poster Presentation only)	Jean Yang Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm

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Brown, Joshua Skinflick	Humanities and Arts	Visual Arts	Lauren Shapiro Connan	English 3-5 pm
Bryan, Andrew Identifying Donor Trends for the Pittsburgh Civic Light Opera	Economics and Statistics	Poster Presentation	Jordan Rodu Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Buarque de Macedo, Robert Generation of Granular Objects by Curvature Optimization	Physics	Poster Presentation	Rangos 2 & 3	10:00 am - 12:00 pm
Buchwald, Natalya The Cultural Appropriation Project	Information Systems	Poster Presentation	Jesse Stiles Kirr Commons-1st Floor, Window side	Music 10:00 am - 12:00 pm
Budwal, Nikita A machine learning approach to cement formulation optimization of OPC-MK mixtures to retain cement workability and achieve lower CO2 emissions.	Materials Science and Engineering	Poster Presentation	Newell Washburn Rangos 1	Chemistry 12-2:30 pm
Burdeshaw, Clare The Pilot Project	Art	Oral Presentation	Gerard Klug Peter	Entertainment Technolo... 3:40-4:00 pm
Burra, Achyuta Voter Participation and Gerrymandering: An Empirical Analysis	Economics	Poster Presentation	Karam Kang Kirr Commons-1st Floor, Window side	Economics 10:00 am - 12:00 pm
Buse, Frederick In Vitro Aneurysm Modeling and Improved Coiling Solutions using Genipin	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm

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Bustos, Nicole MedBot-Home: Automatic Medication Dispensing System	Mechanical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Bustos, Nicole Model for predicting maximum focused ultra-sound induced cavitation bubble size in soft material	Mechanical Engineering	Poster Presentation	Alan McGaughey Rangos 1	Mechanical Engineering 12-2:30 pm
Cabana, Christina Development and Characterization of a Genetically Targetable Photoablation Fusion Protein	Science and Humanities Scholars	Poster Presentation	Marcel Bruchez Rangos 2 & 3	Chemistry 10:00 am - 12:00 pm
Cai, Edward Let's Discuss: An Opinion-based Dialogue System	Computer Science	Poster Presentation	Maxine Eskenazi Kirr Commons-1st Floor, Window side	Language Technologies ... 12-2:30 pm
Cai, Ziheng Study of a misidentified-photon background for a search for supersymmetry in events with a photon, a lepton and missing energy	Physics	Poster Presentation	Manfred Paulini Kirr Commons-1st Floor, Window side	Physics 3-5 pm
Carleton, Neil A Solution for Nasal Valve Collapse	Biomedical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Carleton, Neil Combined Antibacterial Effects of Nitric Oxide and Copper for Reducing Biofilm Formation	Biomedical Engineering	Poster Presentation	Keith Cook Rangos 1	Biomedical Engineering 12-2:30 pm
Carleton, Neil Combined Antibacterial Effects of Nitric Oxide and Copper for Reducing Biofilm Formation	Biomedical Engineering	Poster Presentation	Keith Cook Rangos 2 & 3	Biomedical Engineering 10:00 am - 12:00 pm

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Carroll, Matthew Kinetics of Co-Crystallization of Caffeine as a Model Pharmaceutical Compound	Physics	Poster Presentation	Shelley Anna Kirr Commons-1st Floor, Window side	Mechanical Engineering 12-2:30 pm
Casazza, William Comparative Advantages of a Haplotype Vs. a Genotype Model for Reconstructing Cell Lineages from Tissue Variation Data	Computational Biology	Poster Presentation	Russell Schwartz Hoch Commons-2nd Floor, Rangos side	Biological Sciences 12-2:30 pm
Cerny, Alexandra Designing a Leakproof Injector Spike for Contrast Media Transfer in CT/MRI Suites	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Cerny, Alexandra Developing a Micropattern Assay to Observe the Real Time Migration of Live Cells with Altered Sub-cellular Structures	Chemical Engineering	Poster Presentation	Kris Dahl Rangos 1	Chemical Engineering 12-2:30 pm
Cervantes, Leonardo Validation of Convective Air Cooling of Battery Enclosures	Mechanical Engineering	Poster Presentation	Satbir Singh Wean Commons-1st Floor, Connan side	Mechanical Engineering 10:00 am - 12:00 pm
Cha, Hea Jin Improving the Campus Tour Experience	Design	IDeATe Presentation	Sara Moussawi Studio Theater	Information Systems 12-2:30 pm
Chan, Bonnie Complex Truths Physicalized by Space: A Connection to Empathy	Humanities and Arts	Visual Arts	Clayton Merrell Connan	Art 3-5 pm
Chang, Andrew CMU IDeATe Game Design - [BLANK] Studios	Art	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm

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Chang, Christie Hand Crank Xylophone	Mechanical Engineering	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Chang, Sabrina CMU Freshman Roommate Experience Survey	Science and Humanities Scholars	Poster Presentation	Jared Murray Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Chang, Xian The Frem protein family in <i>S. purpuratus</i> sea urchins	Biological Sciences	Poster Presentation	Charles Ettensohn Wean Commons-1st Floor, Connan side	Biological Sciences 12-2:30 pm
Chao, Paul Texture analysis of mechanically stressed high entropy alloys	Materials Science and Engineering	Poster Presentation	Anthony Rollett Rangos 1	Materials Science and ... 12-2:30 pm
Chargin, William A general system of adjoint logic	Computer Science	SCS Independent Study (Poster Presentation only)	Frank Pfenning Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Chen, Ann Ideate Game Design - Moon Bean Studios	Information Systems	IDEATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Chen, Jingyi On Optimal Assets Allocation of Retirement Portfolio	Mathematical Sciences	Poster Presentation	William Hrusa Wean Commons-1st Floor, Connan side	Mathematical Sciences 3-5 pm
Chen, Nathalie Identification of the Transcription Binding Site on the Mitf and Sh2d5 Enhancers	Biological Sciences	Poster Presentation	Charles Ettensohn Wean Commons-1st Floor, Connan side	Biological Sciences 10:00 am - 12:00 pm

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Chen, Zixuan Uncovering the Relationship Between a Galaxy's Structure and its Mass and Star-Formation Rate	Mathematical Sciences	Poster Presentation	Peter Freeman Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Chevallier, Isabelle Skyline	Mechanical Engineering	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Chi, Yikun Poker Study - Decision under Uncertainty	Social & Decision Sciences	Poster Presentation	Stephen Broomell Wean Commons-1st Floor, Connan side	Social & Decision Scie... 10:00 am - 12:00 pm
Choi, John Robot Parody Movies: Fostering Interdisciplinary Learning using Robots as Movie Actors	Computer Science and Arts	Visual Arts	Golan Levin Connan	Art 12-2:30 pm
Choi, Yeawon Designing the New Constitution for Human Rights Protection for the Reunified Korea	Institute for Politics and Strategy	Poster Presentation	Geoffrey McGovern Wean Commons-1st Floor, Connan side	Institute for Politics... 12-2:30 pm
Chou, Theodore Analysis of Quadcopter Design for Top Speeds	Mechanical Engineering	Poster Presentation	Koushil Sreenath Wean Commons-1st Floor, Connan side	Mechanical Engineering 12-2:30 pm
Chu, Benjamin Writing for the Professions	Computer Science	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 12-2:30 pm
Chua, Jane Real Life Angry Birds	Computer Science	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm

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Chuc, Kiersten Statistical Modeling in Galaxy Classification	Statistics	Poster Presentation	Jordan Rodu Hoch Commons-2nd Floor, Rangos side	Statistics 10:00 am - 12:00 pm
Clark, Amelia Touch and Relationship Interdependence	Psychology	Poster Presentation	Brooke Feeney Kirr Commons-1st Floor, Window side	Psychology 10:00 am - 12:00 pm
Clark, Bennet ChemE Car New Stopping/Driving Mechanism	Materials Science and Engineering	Poster Presentation	Michael Domach Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Cole, Blaine Why do People Retweet, an Analysis of the Effect of Sentiment and Rhetorical Devices on Retweeting.	Economics and Statistics	Oral Presentation	Suguru Ishizaki Pake	English 1:00-1:20 pm
Connolly, Diana Symbols for Autism	Humanities and Arts	Visual Arts	M. Stephanie Murray Connan	Humanities and Arts 3-5 pm
Constant, Matthew A Short Collection	Art	Visual Arts	Susanne Slavick Connan	Art 3-5 pm
Cox, Erika Greening a Brownfield: A Comparative Analysis of Planning Mechanisms	Humanities and Arts	Oral Presentation	M. Stephanie Murray Wright	Humanities and Arts 1:20-1:40 pm
Cox, Jordan Crazy Kids Call Me in the Afternoon	English	Poster Presentation	Gerald Costanzo Hoch Commons-2nd Floor, Rangos side	English 10:00 am - 12:00 pm

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Crews, Gillian Subtalar Prosthetic Foot	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Crites, Benjamin Allerjif	Electrical & Computer Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Daidis, Oliver Improving Producer-Consumer Locality in Halide Programs by Lowest Point Scheduling	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Kayvon Fatahalian Danforth Conference Room	Computer Science 11:20-11:40 am
Damasco, Luca The Wick Editor: The Internet's Free and Open Source Multimedia Creation Tool	Computer Science and Arts	Oral Presentation	M. Stephanie Murray Danforth Conference Room	Humanities and Arts 10-10:20 am
Darr, Marlana Mediators of the regulated trafficking of the delta-opioid receptor	Biological Sciences	Poster Presentation	Manojkumar Puthenveedu Kirr Commons-1st Floor, Window side	Biological Sciences 10:00 am - 12:00 pm
Dates, Andrew RXR Motif-Mediated Surface Export of the Delta Opioid Receptor Through Interaction with COP I	Science and Humanities Scholars	Poster Presentation	Manojkumar Puthenveedu Wean Commons-1st Floor, Connan side	Biological Sciences 3-5 pm
Dave, Aditya Stress and Time Spent in 15-112, Introduction to Programming	Statistics	Poster Presentation	Jared Murray Kirr Commons-1st Floor, Window side	Statistics 3-5 pm
Davies, Akindede Anti-bacterial Scrubs for Healthcare Workers	Materials Science and Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm

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De Bree, Gijsbreght The Human/Money Gap: A Maslowian Approach to Behavioral Economic Measurement	Computer Science and Arts	Oral Presentation	Seth Goldstein Dowd	Computer Science 3:40-4:00 pm
DeLuca, Alexander Voter Participation and Gerrymandering: An Empirical Analysis	Economics	Poster Presentation	Karam Kang Kirr Commons-1st Floor, Window side	Economics 10:00 am - 12:00 pm
Dentinger, Jack Night Witches	Drama	Performing Arts	Megan Rivas McConomy Auditorium	Drama 10-11am
Desikan, Shreya Bioprinting Macrophage-derived Exosome Microenvironments	Biological Sciences	Poster Presentation	Phil Campbell Rangos 2 & 3	Biological Sciences 10:00 am - 12:00 pm
Devine, Mary Catherine La Loi Toubon: Language Policy and Linguistic and Cultural Diversity in France	History	Poster Presentation	Remi Van Compernelle Wean Commons-1st Floor, Connan side	Modern Languages 3-5 pm
Dhavalikar, Sameer Post-Consumer Food Waste	Science and Humanities Scholars	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Diaz, Melanie The Indigenismo Movement in 20th Century Mexico: Progressing from Assimilation to Inclusion and Representation of Indigenous Communities	English	Oral Presentation	Emanuela Grama Pake	History 4:40-5:00 pm
Dickter, Adam The Use Steady-State Visually Evoked Potentials to Determine Neural Processing Differences Between Faces and Words	Science and Humanities Scholars	Poster Presentation	Marlene Behrmann Rangos 2 & 3	Psychology 10:00 am - 12:00 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Ding, Floyd Floyd's Writing for the Profession Project	Computer Science	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 3-5 pm
Ding, Wanqiao Data processing for Reliable Detection of Cortical Spreading Depolarizations using high-density EEG	Electrical & Computer Engineering	Poster Presentation	Pulkit Grover Kirr Commons-1st Floor, Window side	Electrical & Computer ... 10:00 am - 12:00 pm
Ding, Zihao Flying UFO Toy	Materials Science and Engineering	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Domingo, Nathalie Exploitations of Wireless Interfaces via Network Scanning	Electrical & Computer Engineering	Poster Presentation	Hoch Commons-2nd Floor, Rangos side	10:00 am - 12:00 pm
Drucker, Nathan Magnetic Proximity Effects in 2D Materials	Materials Science and Engineering	Poster Presentation	Benjamin Hunt Rangos 2 & 3	Physics 10:00 am - 12:00 pm
Duenas, Danica Development of a New Spray Ionization Technique for Mass Spectrometry	Chemistry	Poster Presentation	Mark Bier Hoch Commons-2nd Floor, Rangos side	Chemistry 12-2:30 pm
Duvvuri, Rohini Walking in Rough Terrain by Touch and Feel	General CIT	Poster Presentation	William Whittaker Rangos 2 & 3	Robotics Institute 10:00 am - 12:00 pm
Early, Spencer Atlas: Self-Driving Buggy	Electrical & Computer Engineering	Poster Presentation	David Kosbie Hoch Commons-2nd Floor, Rangos side	Computer Science 12-2:30 pm

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Edwards, Andrew Small Victories: An Endeavor in Storytelling	Art	Visual Arts	James Duesing Connan	Art 12-2:30 pm
Emanuelson, Cole In Vitro Translation Control Using Antisense Gamma PNA	Chemistry	Poster Presentation	Bruce Armitage Wean Commons-1st Floor, Connan side	Chemistry 12-2:30 pm
Emery, Corey Analyzing Changes in Galaxy Morphologies as the Universe Ages	Statistics	Poster Presentation	Peter Freeman Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Ertman, Jens Indoor Agriculture (EWB)	Electrical & Computer Engineering	Poster Presentation	Kelvin Gregory Wean Commons-1st Floor, Connan side	Civil and Environmenta... 10:00 am - 12:00 pm
Esposito, Robert Plastic Pavilion	Architecture	Poster Presentation	Robert Heard Rangos 2 & 3	Materials Science and ... 10:00 am - 12:00 pm
Evanoff, Mallory Co-bisintercalating FRET Based Fluorescent Bottlebrush Polymer Nanotags	Chemistry	Poster Presentation	Bruce Armitage Hoch Commons-2nd Floor, Rangos side	Chemistry 10:00 am - 12:00 pm
Evans, Daniel Synthesis of a Bifacially Binding Janus Nucleobase Oligomer on a Chiral PNA Backbone	Biological Sciences	Poster Presentation	Danith Ly Rangos 2 & 3	Chemistry 10:00 am - 12:00 pm
Falanga, Gary In Vitro Aneurysm Modeling and Improved Coiling Solutions using Genipin	Mechanical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Fan, Farreltin Data Analysis and Simulation of Magnetization Dynamic of a Superparamagnetic Nanoparticle	Physics	Poster Presentation	Sara Majetich Hoch Commons-2nd Floor, Rangos side	Physics 3-5 pm
Fan, Nina Student Perceptions of Safety on South Neville Street	Statistics	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Fatschel, Andreas MedBot-Home: Automatic Medication Dispensing System	Mechanical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Ferber, Andrew Stress and Time Spent in 15-112, Introduction to Programming	Economics	Poster Presentation	Jared Murray Kirr Commons-1st Floor, Window side	Statistics 3-5 pm
Fernandez, Manuel Online Purchasing of Minimal Spanning Trees	Computer Science	Poster Presentation	Wesley Pegden Kirr Commons-1st Floor, Window side	Mathematical Sciences 3-5 pm
Fishbaum, Benjamin Professional Communication in Computer Science	Computer Science	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 12-2:30 pm
Flickinger, Emma Galaxy Morphology and Environment Density: Detecting a Relationship	English	Poster Presentation	Peter Freeman Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Florman, Nadia Climate Change Research	Mechanical Engineering	Poster Presentation	David Dzombak Rangos 1	Civil and Environmenta... 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Forster, Megan Night Witches	Drama	Performing Arts	Megan Rivas McConomy Auditorium	Drama 10-11am
Fortner, Rebecca TWYST - A Biosanitizing Unit for Developing Countries	Biomedical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Frazier, Alexander Handprinter: Quantifying Our Positive Environmental Impact	Information Systems	Poster Presentation	Raja Sooriamurthi Kirr Commons-1st Floor, Window side	Information Systems 10:00 am - 12:00 pm
Fu, Megan Post-Consumer Food Waste	Business Administration	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Fu, Tiffany CMU Global Medical Brigades in Nicaragua	Materials Science and Engineering	Poster Presentation	Jason D'Antonio Hoch Commons-2nd Floor, Rangos side	Biological Sciences 10:00 am - 12:00 pm
Fu, Tiffany Modified Inhaler Adapter	Materials Science and Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Ganapathy, Turga Near-Field Thermal Radiation and Gas Conduction in a Nanostructured Gap Measured by Frequency Domain Thermoreflectance (FDTR)	Mechanical Engineering	Poster Presentation	James Bain Rangos 2 & 3	Electrical & Computer ... 10:00 am - 12:00 pm
Ganapathy, Turga Near-Field Thermal Radiation and Gas Conduction in a Nanostructured Gap Measured by Frequency Domain Thermoreflectance (FDTR)	Mechanical Engineering	Poster Presentation	James Bain Rangos 1	Electrical & Computer ... 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Gao, Ningjun Handprinter: Quantifying Our Positive Environmental Impact	Information Systems	Poster Presentation	Raja Sooriamurthi Kirr Commons-1st Floor, Window side	Information Systems 10:00 am - 12:00 pm
Gao, Timothy The Effects of Glucocorticoid and COX Inhibitor Co-Treatments on the Developing Brain	Biological Sciences	Poster Presentation	Rangos 2 & 3	10:00 am - 12:00 pm
George, Alexandra We Breathe In and Out of Ourselves	English	Oral Presentation	Lauren Shapiro Pake	English 12:40-1:00 pm
Germa, Pierre Bayer Shield	Biomedical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Gershuny, Andrea Hot Off the Forge: Accessible Innovation in Cosplay	Computer Science and Arts	Visual Arts	M. Stephanie Murray Wiegand Gymnasium	Humanities and Arts 12-2:30 pm
Ghose, Shomiron Adding a multichoice receive operator to Session Types	Information Systems	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Frank Pfenning Danforth Conference Room	Computer Science 11:40 am - 12:00 pm
Gianakas, Claire Anti-bacterial Scrubs for Healthcare Workers	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Giglio, Marisa Comparative Proteomic Screening of Biomarker Fingerprints of Rheumatoid Arthritis Patients with and without Interstitial Lung Disease	Biological Sciences	Poster Presentation	Jonathan Minden Rangos 2 & 3	Biological Sciences 10:00 am - 12:00 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Gillen, Shane The Operatic Manifesto	Music	Oral Presentation	Riccardo Schulz Dowd	Music 2-2:20 pm
Goel, Ameeshi University Footprint Calculator	Information Systems	Poster Presentation	Randy Weinberg Hoch Commons-2nd Floor, Rangos side	Information Systems 12-2:30 pm
Gong, Felicity Quantifying the inertial locomotion of slender self-propelled bodies in Newtonian fluids	Chemical Engineering	Poster Presentation	Aditya Khair Wean Commons-1st Floor, Connan side	Chemical Engineering 3-5 pm
Goode, Thomas Time Series Modeling of Medical Emergencies in Pittsburgh	Statistics	Oral Presentation	Peter Freeman Pake	Statistics 3:00-3:20 pm
Govindaswamy, Madhumita A Narrative Perspective on South Asian Parent-Child Relationships	Psychology	Poster Presentation	Timothy Haggerty Hoch Commons-2nd Floor, Rangos side	General Dietrich College 10:00 am - 12:00 pm
Gratzer, Daniel Logical Relations for Reasoning about Guarded Recursive Kinds	Computer Science	SCS Independent Study (Poster Presentation only)	Karl Crary Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Griffin, Linna Ideate Game Design - Moon Bean Studios	Design	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Grove, Jadon PLA, PGA, AND PLGA MODIFIED GRAPHENE OXIDE COMPOSITES FOR BIOMEDICAL IMPLANT APPLICATIONS	Chemical Engineering	Poster Presentation	Stefanie Sydlik Hoch Commons-2nd Floor, Rangos side	Chemistry 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Gruber, Chay HeliTop	Mechanical Engineering	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Gu, Rachel CMU IDEATe Game Design - [BLANK] Studios	Computer Science	IDEATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Gu, Tianyu Implications of Negative Swap Spread	Mathematical Sciences	Poster Presentation	William Hrusa Rangos 2 & 3	Mathematical Sciences 10:00 am - 12:00 pm
Gualtieri, Katrina Development of an Affordable, Safe and Effective Oxygen Concentrator for Use in Low-Resource Settings: EverAir	Biomedical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Gunasekara, Oshadha Atlas: Self-Driving Buggy	Electrical & Computer Engineering	Poster Presentation	David Kosbie Hoch Commons-2nd Floor, Rangos side	Computer Science 12-2:30 pm
Gunsalus, Laura Regulatory Region Variations Suggest an Immune Origin of Alzheimer's Disease	Computational Biology	Poster Presentation	Andreas Pfenning Rangos 2 & 3	Computational Biology 10:00 am - 12:00 pm
Guo, Siqi CMU Freshman Roommate Experience Survey	Science and Humanities Scholars	Poster Presentation	Jared Murray Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Guo, Steven Reciprocity of Surrounding Environments: Testing for Reciprocity Within Families Through Gift Exchange in Hypothetical Labor Markets	Social & Decision Sciences	Poster Presentation	Alex Imas Hoch Commons-2nd Floor, Rangos side	Social & Decision Scie... 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Gutekunst, Sarah A seat at the table: Recontextualizing recipes within narratives of family, identity, and memory	English	Oral Presentation	Jane McCafferty McKenna	English 12-12:20 pm
Gutierrez Marty, Andre NO producing Cu Coating and NO flux Anticoagulant Coatings in Artificial Lungs	Mechanical Engineering	Oral Presentation	Keith Cook Wright	Biomedical Engineering 4:40-5:00 pm
Ha, Daniel Acoustic Dampening System	Civil and Environmental Engineering	Poster Presentation	Petrus Pistorius Hoch Commons-2nd Floor, Rangos side	Materials Science and ... 12-2:30 pm
Haberman, Isaac Statistical Approaches for Augmenting Synthetic Ecosystems with Agent Activities: An Application of the American Time Use Survey	Statistics	Poster Presentation	Samuel Ventura Rangos 2 & 3	Statistics 10:00 am - 12:00 pm
Hahm, Michelle Reciprocity of Surrounding Environments: Testing for Reciprocity Within Families Through Gift Exchange in Hypothetical Labor Markets	Business Administration	Poster Presentation	Alex Imas Hoch Commons-2nd Floor, Rangos side	Social & Decision Scie... 3-5 pm
Halbedl, Nickolas Bayer Shield	Biomedical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Han, Gabriella Functional Geometry: Building a Framework to Design "Smart" 3D Models	Computer Science	SCS Independent Study (Poster Presentation only)	Jennifer Mankoff Wiegand Gymnasium - SCS Independent Study	Human Computer Interac... 12-2:30 pm
Handa, Malaika Predicting Galaxy Mergers from Physical Characteristics	Statistics	Poster Presentation	Peter Freeman Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Hanson, Kathryn Regulation of F1 ATPase Epsilon Subunit Splicing During Aging and Oxidative Stress	Science and Humanities Scholars	Poster Presentation	A. Javier Lopez Rangos 2 & 3	Biological Sciences 10:00 am - 12:00 pm
Harter, George Hillside Hydro- Portable Hydroelectric generator	Mechanical Engineering	Poster Presentation	Katharine Needham Wean Commons-1st Floor, Connan side	Computer Science 10:00 am - 12:00 pm
Hartshorne, Hunter Hillside Hydro- Portable Hydroelectric generator	Business Administration	Poster Presentation	Katharine Needham Wean Commons-1st Floor, Connan side	Computer Science 10:00 am - 12:00 pm
Hauryliuk, Aliaksei Atmospheric Pollutant Monitoring at High Spatial and Temporal Resolutions	Mechanical Engineering	Poster Presentation	Allen Robinson Wean Commons-1st Floor, Connan side	Mechanical Engineering 10:00 am - 12:00 pm
Havanur, Apoorva Identifying Donor Trends for the Pittsburgh Civic Light Opera	Statistics	Poster Presentation	Jordan Rodu Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Healy, Edward A Look at the Standard Electrocardiogram: Is it Possible to Measure the His Signal Noninvasively?	Chemical Engineering	Oral Presentation	Keith Cook Dowd	Biomedical Engineering 12-12:20 pm
Hebbar, Aditi Walking in Rough Terrain by Touch and Feel	Electrical & Computer Engineering	Poster Presentation	William Whittaker Rangos 2 & 3	Robotics Institute 10:00 am - 12:00 pm
Heglie, Aubyn Night Witches	Drama	Performing Arts	Megan Rivas McConomy Auditorium	Drama 10-11am

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Helfer, Emily Identifying Donor Trends for the Pittsburgh Civic Light Opera	Statistics	Poster Presentation	Jordan Rodu Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Hezarkhani, Arya Blocked-watershed method: a salience-based optimization of the watershed transformation for low resolution retinal prosthesis	Electrical & Computer Engineering	Poster Presentation	Shawn Kelly Wean Commons-1st Floor, Connan side	Electrical & Computer ... 3-5 pm
Higgins, Meave Targeted Agrochemical Delivery Using Coacervates	Chemical Engineering	Poster Presentation	Robert Tilton Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 3-5 pm
Hill, Autumn Pittsburgh and Fashion: A Promising Pair in the Making	Humanities and Arts	Oral Presentation	M. Stephanie Murray Peter	Humanities and Arts 4-4:20 pm
Hill, Evan Swinging Whistle	Mechanical Engineering	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Hochstedler, Kimberly Meta-Analytic Review of Pronoun use and Health and Relationship Outcomes	Science and Humanities Scholars	Poster Presentation	Vicki Helgeson Rangos 2 & 3	Psychology 10:00 am - 12:00 pm
Hochstedler, Kimberly Self-disclosure among Emerging Adult Survivors of Childhood Illness	Science and Humanities Scholars	Poster Presentation	Vicki Helgeson Wean Commons-1st Floor, Connan side	Psychology 12-2:30 pm
Hoffmaier, Ariel Networking: Stories of Queer Lives	English	Oral Presentation	Timothy Haggerty McKenna	General Dietrich College 3:40-4:00 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Hofmann, Kristen Writing for the Professions Project	Social & Decision Sciences	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 12-2:30 pm
Holay, Maya Anti-bacterial Scrubs for Healthcare Workers	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Holay, Maya CMU Global Medical Brigades in Nicaragua	Chemical Engineering	Poster Presentation	Jason D'Antonio Hoch Commons-2nd Floor, Rangos side	Biological Sciences 10:00 am - 12:00 pm
Holladay, Rachel Following Paths in Task Space: Distance Metrics and Planning Algorithms	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Siddhartha Srinivasa Danforth Conference Room	Robotics Institute 1:00-1:20 pm
Holm, Steffen Visualizations of Computer Perception	Electrical & Computer Engineering	Poster Presentation	Austin Lee Wean Commons-1st Floor, Connan side	Design 12-2:30 pm
Holst, Ian Predicting Reionization Redshift from Density Maps and Cumulative Reionization Histories	Physics	Poster Presentation	Hy Trac Kirr Commons-1st Floor, Window side	Physics 12-2:30 pm
Hong, Song Wo Student Perceptions of Safety on South Neville Street	Statistics	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Hong, Sunah ChemE Car New Stopping/Driving Mechanism	Chemical Engineering	Poster Presentation	Michael Domach Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Horvath, Dante Folk Sounds: an Exploration of How Language and Music Interact	Humanities and Arts	Performing Arts	M. Stephanie Murray McConomy Auditorium	Humanities and Arts 1-1:30 pm
Houglund, Nicholas Indoor Agriculture (EWB)	Physics	Poster Presentation	Kelvin Gregory Wean Commons-1st Floor, Connan side	Civil and Environmenta... 10:00 am - 12:00 pm
Houston, Jenna PARADISE, HOME FROM WORK	Humanities and Arts	Visual Arts	Kim Beck Connan	Art 12-2:30 pm
Howard, Rebecca A Novel Locomotor Training Paradigm in Rodents to Assess Gait Patterns	Biological Sciences	Poster Presentation	Aryn Gittis Rangos 2 & 3	Biological Sciences 10:00 am - 12:00 pm
Hsia, Tiffaney Effects of genipin eluting coils in in vitro aneurysm models	Chemical Engineering	Poster Presentation	Christopher Bettinger Rangos 2 & 3	Materials Science and ... 10:00 am - 12:00 pm
Hu, Zeyu A Solution for Nasal Valve Collapse	Biomedical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Huan, Ran A Statistical Look at Neural Firing Patterns	Mathematical Sciences	Poster Presentation	Jordan Rodu Rangos 2 & 3	Statistics 10:00 am - 12:00 pm
Huang, Eileen Speculating the Future of Clothing and its Relationship to the Wearer from Applied Concepts found in Traditional Japanese Garments	CFA Interdisciplinary	Oral Presentation	Yasufumi Iwasaki Peter	Modern Languages 3:20-3:40 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Huang, Jennifer The Role of the Drosophila Gut Microbiome in Response to Alcohol	Biological Sciences	Poster Presentation	Brooke McCartney Rangos 2 & 3	Biological Sciences 10:00 am - 12:00 pm
Huang, Katherine Mesoderm Specification in the Developing Sea Cucumber	Biological Sciences	Poster Presentation	Veronica Hinman Rangos 2 & 3	Biological Sciences 10:00 am - 12:00 pm
Huang, Terence Amphibious Rescue Craft	Mechanical Engineering	Poster Presentation	Nathan Michael Hoch Commons-2nd Floor, Rangos side	Robotics Institute 10:00 am - 12:00 pm
Hubbard, Calvin Light-Up Puzzle	Mechanical Engineering	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Hui, Timothy TWYST - A Biosanitizing Unit for Developing Countries	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Hwang, Yeongwoo Learning Allele Specific Gene Networks with the Conditional Gaussian Graphical Model	Computer Science	SCS Independent Study (Poster Presentation only)	Se Young Kim Wiegand Gymnasium - SCS Independent Study	Computational Biology 12-2:30 pm
Iott, Alicia Memory Rooms	Computer Science and Arts	Visual Arts	Golan Levin Connan	Art 3-5 pm
Jaffe, Alan Meaningful Variables Names for Decompiled Code: A Machine Translation Approach	Computer Science	SCS Independent Study (Poster Presentation only)	Bogdan Vasilescu Wiegand Gymnasium - SCS Independent Study	Institute for Software... 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Jain, Nalini Light-Up Puzzle	Mechanical Engineering	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Jaisingh, Rahul Professional Communication in Computer Science	Computer Science	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 3-5 pm
James, Jerilyn Men, Media, and Muscularity: The Impact of Male Objectification	CFA Interdisciplinary	Oral Presentation	Chante Cox-Boyd Wright	Psychology 3:40-4:00 pm
Janco, Michelle Rolling Sheep - Stop Motion Animation	Art	Visual Arts	Connan	3-5 pm
Jennette, Bradley Subtalar Prothetic Foot	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Jeon, Hyunho Tomographic reconstruction of SOFCs (solid oxide fuel cells) using high resolution near field of view images	Physics	Poster Presentation	Robert Suter Rangos 2 & 3	Physics 10:00 am - 12:00 pm
Jerome, Christopher Mass-Spring-Damper Systems	Mechanical Engineering	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 12-2:30 pm
Jia, Tiger Ideate Game Design - Moon Bean Studios	Business Administration	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Jiang, Guoyi Time Dependency of Stop Sign Compliance Rate Around CMU	Mathematical Sciences	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Jiang, Rundong Molecular Dynamics Simulations of Polymer Cross-linked Carbon Nanotubes	Materials Science and Engineering	Poster Presentation	Elizabeth Holm Rangos 2 & 3	Materials Science and ... 10:00 am - 12:00 pm
Jiang, Tiffany The Cultural Appropriation Project	Design	Poster Presentation	Jesse Stiles Kirr Commons-1st Floor, Window side	Music 10:00 am - 12:00 pm
Jin, Christina Reciprocity of Surrounding Environments: Testing for Reciprocity Within Families Through Gift Exchange in Hypothetical Labor Markets	Business Administration	Poster Presentation	Alex Imas Hoch Commons-2nd Floor, Rangos side	Social & Decision Scie... 3-5 pm
Jin, Lingbo Subcutaneous and Cutaneous Blood Flow Imaging Using Forward Looking Infrared System	Electrical & Computer Engineering	Oral Presentation	Srinivasa Narasimhan Dowd	Robotics Institute 4:40-5:00 pm
Jin, Liuyu Existence, Uniqueness and Asymptotic Behavior of Solutions to a Linear System of PDEs with Weak Viscoelastic Damping	Mathematical Sciences	Poster Presentation	William Hrusa Rangos 2 & 3	Mathematical Sciences 10:00 am - 12:00 pm
Jin, Yichu Design and Fabrication of Haptic Gloves Using Electrostatic Rigidity Tuning Elements	Mechanical Engineering	Oral Presentation	Carmel Majidi Peter	Mechanical Engineering 12:40-1:00 pm
Johnson, Benal Anti-bacterial Scrubs for Healthcare Workers	Design	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Jolley, Amanda Scapes	Art	Visual Arts	Melissa Ragona Connan	Art 12-2:30 pm
Jones, Lashaun Statistical Approaches for Augmenting Synthetic Ecosystems with Agent Activities: An Application of the American Time Use Survey	Statistics	Poster Presentation	Samuel Ventura Rangos 2 & 3	Statistics 10:00 am - 12:00 pm
Joo, Taigyu ChemE Car New Stopping/Driving Mechanism	Chemical Engineering	Poster Presentation	Michael Domach Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Joyce, Emily The Cultural Appropriation Project	Institute for Politics and Strategy	Poster Presentation	Jesse Stiles Kirr Commons-1st Floor, Window side	Music 10:00 am - 12:00 pm
Jung, Damin Bombshell: Female Suicide Bombers in Secular and Religious Terrorist Organizations	Institute for Politics and Strategy	Oral Presentation	Colin Clarke McKenna	Institute for Politics... 1:40-2:00 pm
Jung, Jennifer TWYST - A Biosanitizing Unit for Developing Countries	Mechanical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Kaaret, Evan Studies of Technical Performance Parameters on NewTAML catalysts	Chemistry	Poster Presentation	Terrence Collins Wean Commons-1st Floor, Connan side	Chemistry 3-5 pm
Kang, Jamie Decomposition Pathways of Base-Stable Dialkylamino Phosphoniums	Chemistry	Poster Presentation	Kevin Noonan Rangos 2 & 3	Chemistry 10:00 am - 12:00 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Kang, Raymond Finding Synchronization Strings of Small Alphabet Size	Computer Science	SCS Independent Study (Poster Presentation only)	Bernhard Haeupler Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Kang, Rebecca Non-invasive optical imaging with near-infrared light for quantifying cerebral autoregulation and functional connectivity as a function of age.	Chemical Engineering	Poster Presentation	Jana Kainerstorfer Kirr Commons-1st Floor, Window side	Biomedical Engineering 12-2:30 pm
Kang, Vincent Professional Communication in Computer Science	Computer Science	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 3-5 pm
Kanitkar, Asawari Biometrics Web Application	Information Systems	Poster Presentation	Raja Sooriamurthi Wean Commons-1st Floor, Connan side	Information Systems 10:00 am - 12:00 pm
Kapuscinska, Adela IDeATe Game Design - Good Boy Games	Art	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Kavanagh, Erin Antibacterial Perfluorocarbon Ventilation (APV) for Treating Chronic Lung Disease	Biological Sciences	Oral Presentation	Keith Cook Dowd	Biomedical Engineering 12:20-12:40 pm
Kelkar, Omkar MedBot-Home: Automatic Medication Dispensing System	Electrical & Computer Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Kelly, Justin Movement Zero: There's a Story Behind Every Note	Humanities and Arts	Oral Presentation	Lance Laduke Wright	Music 4:20-4:40 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Kent, Nat Hero By Proxy: The importance of queer representation in young adult literature	Humanities and Arts	Oral Presentation	M. Stephanie Murray Wright	Humanities and Arts 1:40-2:00 pm
Khetarpal, Susheel A First-in-Class TWIST1 inhibitor with Activity in Oncogene-Driven NSCLC	Biological Sciences	Poster Presentation	Jason D'Antonio Rangos 2 & 3	Biological Sciences 10:00 am - 12:00 pm
Kildunne, Catherine Phonotactics and Vowel Restrictions in Syllable Composition	Science and Humanities Scholars	Poster Presentation	Thomas Werner Kirr Commons-1st Floor, Window side	Philosophy 10:00 am - 12:00 pm
Kim, Andrew Improving the Campus Tour Experience	Dietrich College Interdisciplinary	IDEATe Presentation	Sara Moussawi Studio Theater	Information Systems 12-2:30 pm
Kim, Cy (Seong Yeun) Plastic Pavilion	Architecture	Poster Presentation	Robert Heard Rangos 2 & 3	Materials Science and ... 10:00 am - 12:00 pm
Kim, Hajin Swinging Whistle	Physics	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Kim, Jaewoo ChemE Car New Member Car SURG	Materials Science and Engineering	Poster Presentation	Michael Domach Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Kim, Jaewoo Liquid Phase Epitaxy of -Ga2O3 on Single-Crystal Substrate	Materials Science and Engineering	Poster Presentation	Lisa Porter Hoch Commons-2nd Floor, Rangos side	Materials Science and ... 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Kim, Janice YUCCI	CFA Interdisciplinary	Visual Arts	Carol Kumata Wiegand Gymnasium	Art 12-2:30 pm
Kim, Jenny Professional Communication in Computer Science	Computer Science	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 12-2:30 pm
Kim, Lois Bayer Shield	Design	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Kim, Rachel Improving the Campus Tour Experience	Information Systems	IDeATe Presentation	Sara Moussawi Studio Theater	Information Systems 12-2:30 pm
Kim, Tae Jin A Statistical Look at Neural Firing Patterns	Statistics	Poster Presentation	Jordan Rodu Rangos 2 & 3	Statistics 10:00 am - 12:00 pm
Kirkby, Allison Analysis of PEGylated Protein A Chromatography Media for Monoclonal Antibody Production Including Mass Transport Behavior and Specificity Effects	Chemical Engineering	Poster Presentation	Todd Przybycien Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Klausing, Kimberly Anti-bacterial Scrubs for Healthcare Workers	Materials Science and Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Klein, Shoshana Evaluating Music Organizations With Regard to Effectiveness and Value to the Immediate and Greater Community	Humanities and Arts	Oral Presentation	M. Stephanie Murray Wright	Humanities and Arts 12:40-1:00 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Kleiven, Kimberly Robust Multi-Agent Aquatic Localization	Computer Science	Poster Presentation	Anthony Rowe Wean Commons-1st Floor, Connan side	Electrical & Computer ... 3-5 pm
Kling, Ava The New Flesh	Art	Visual Arts	Wiegand Gymnasium	12-2:30 pm
Kolev, Hannah Dissecting the interaction between APC2 and ApepP in regulation of Beta-catenin protein levels	Biological Sciences	Poster Presentation	Jonathan Minden Wean Commons-1st Floor, Connan side	Biological Sciences 3-5 pm
Konstantinidis, Dimitrios Amphibious Rescue Craft	Computer Science	Poster Presentation	Nathan Michael Hoch Commons-2nd Floor, Rangos side	Robotics Institute 10:00 am - 12:00 pm
Kovacs, Francis Learning Relationships From Summary Statistics of Simulated Galaxies to Predict Galaxy Mass	Statistics	Poster Presentation	Peter Freeman Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Kozlosky, Keith ChemE Car New Member Car SURG	Materials Science and Engineering	Poster Presentation	Michael Domach Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Krishna, Dhruva Building a Better Venue: Creating The Glass Onion for the Oakland Community	Ethics, History & Public Policy	Oral Presentation	Scott Sandage McKenna	History 1:00-1:20 pm
Kroger, Jack Post-Consumer Food Waste	Statistics	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Kromka, James Pulmonary Assist Device (PAD) Refinement and Gas Exchange Testing	Mechanical Engineering	Poster Presentation	Keith Cook Hoch Commons-2nd Floor, Rangos side	Biomedical Engineering 12-2:30 pm
Kuehler, Bronwyn Steel City Sorcery: Investigating Pittsburgh Witchcraft	CFA Interdisciplinary	Oral Presentation	Suzie Silver McKenna	Art 4-4:20 pm
Kumar, Ananya Streaming Algorithms for Approximate Convex Hulls	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Avrim Blum Danforth Conference Room	Computer Science 1:20-1:40 pm
Kumar, Hans Building a More Realistic Model for Surgical Practice and Device Simulation	Mechanical Engineering	Poster Presentation	Kenji Shimada Hoch Commons-2nd Floor, Rangos side	Mechanical Engineering 3-5 pm
Kwon, Seh-Joo Touch and Relationship Interdependence	Biology and Psychology	Poster Presentation	Brooke Feeney Kirr Commons-1st Floor, Window side	Psychology 10:00 am - 12:00 pm
Lahiry, Gaurav Road Scene Object Detection	Computer Science	SCS Independent Study (Poster Presentation only)	Christoph Mertz Wiegand Gymnasium - SCS Independent Study	Robotics 12-2:30 pm
Laredo, Dalia The Investigation of Detection Limit of Capillary Electrophoresis on Kilobase DNA Probes	Chemical Engineering	Poster Presentation	James Schneider Wean Commons-1st Floor, Connan side	Chemical Engineering 12-2:30 pm
Last, David Physics Music: Representing Analytical Approaches in New Musical Creations	Science and Arts	Performing Arts	Nancy Galbraith McConomy Auditorium	Music 1:30-2 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Lau, Kun Fung Robust Multi-Agent Aquatic Localization	Computer Science	Poster Presentation	Anthony Rowe Wean Commons-1st Floor, Connan side	Electrical & Computer ... 3-5 pm
Lau, Tiffany Investigating how an Altered Drosophila melanogaster Microbiome Affects Alcohol Dehydrogenase expression and Associated Physiology	Biological Sciences	Poster Presentation	Jonathan Minden Rangos 2 & 3	Biological Sciences 10:00 am - 12:00 pm
Le, Nghia Professional Communication of Science	Computer Science	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 3-5 pm
Lee, Brandon Improving the Campus Tour Experience	Statistics	IDeATe Presentation	Sara Moussawi Studio Theater	Information Systems 12-2:30 pm
Lee, Brandon Professor x Student Interaction at CMU	Statistics	Poster Presentation	Jared Murray Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Lee, Chung Post Machining of Tight Tolerance Ti6Al4V EBM Parts	Mechanical Engineering	Poster Presentation	Anthony Rollett Kirr Commons-1st Floor, Window side	Materials Science and ... 10:00 am - 12:00 pm
Lee, Daniel The Effects of EPA RVP Regulations on VOC Emissions	Economics	Oral Presentation	Karam Kang Pake	Economics 3:40-4:00 pm
Lee, Grace Statistical Approaches for Augmenting Synthetic Ecosystems with Agent Activities: An Application of the American Time Use Survey	Statistics	Poster Presentation	Samuel Ventura Rangos 2 & 3	Statistics 10:00 am - 12:00 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Lee, Jennifer User Interface for Rapidly Labeling Tens of Thousands of Images	Computer Science	SCS Independent Study (Poster Presentation only)	Kayvon Fatahalian Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Lee, Ji Hoon Stress and Time Spent in 15-112, Introduction to Programming	Statistics	Poster Presentation	Jared Murray Kirr Commons-1st Floor, Window side	Statistics 3-5 pm
Lee, Jinhee Professional Communication in Game Design	Statistics	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 3-5 pm
Lee, Kayla Understanding Economic Self-Sufficiency of Nepali Bhutanese Refugees	History	Oral Presentation	Kenya Dworkin y Mendez Pake	Modern Languages 1:40-2:00 pm
Lee, Kyuin Preventing Epidemics Via Sensing and Learning Mosquito Behaviors	Electrical & Computer Engineering	Poster Presentation	Radu Marculescu Rangos 2 & 3	Electrical & Computer ... 10:00 am - 12:00 pm
Lee, Kyung Min Computational Method for Complex Geometric Patterns on 3D Printed Customizable Jewelry	Mechanical Engineering	Poster Presentation	Kenji Shimada Kirr Commons-1st Floor, Window side	Mechanical Engineering 10:00 am - 12:00 pm
Lee, Selina The Cultural Appropriation Project	Art	Poster Presentation	Jesse Stiles Kirr Commons-1st Floor, Window side	Music 10:00 am - 12:00 pm
Lee, Yeuk Yu Advanced Data Visualisation: Automated Linear Model Diagnostics and an R Interface for Interactive Graphics from D3.js	Statistics	Oral Presentation	Samuel Ventura McKenna	Statistics 12:40-1:00 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Leng, Hongkun Wearable Cognitive Assistant for Automatic External Defibrillators (AED)	Information Networking Institute	Poster Presentation	Roberta Klatzky Hoch Commons-2nd Floor, Rangos side	Psychology 10:00 am - 12:00 pm
Leng, Yifan Professional Communication in Statistics	Statistics	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 12-2:30 pm
Lewis, Jacqueline Photoreduction of Divalent Metals for Use in the Production of Green Energy	Chemical Engineering	Poster Presentation	Stefan Bernhard Kirr Commons-1st Floor, Window side	Chemistry 3-5 pm
Li, Charles Flight of the Furious	Mechanical Engineering	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Li, Hongyu Question Answering with Freebase: Support Sentence Extraction and Learning to Rank	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	James Callan Danforth Conference Room	Language Technologies ... 1:40-2:00 pm
Li, Jiaxuan Swinging Whistle	Mechanical Engineering	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Li, Kevin Statistical Modeling in Galaxy Classification	Statistics	Poster Presentation	Jordan Rodu Hoch Commons-2nd Floor, Rangos side	Statistics 10:00 am - 12:00 pm
Li, Timothy L1 Regularization for Compact Support	Mathematical Sciences	Poster Presentation	Giovanni Leoni Kirr Commons-1st Floor, Window side	Mathematical Sciences 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Liang, Michael Reconstructing Priorities and Learning Wine Buyer Preferences	Computer Science	SCS Independent Study (Poster Presentation only)	Avrim Blum Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Liang, Yuan Statistical Approaches for Augmenting Synthetic Ecosystems with Agent Activities: An Application of the American Time Use Survey	Statistics	Poster Presentation	Samuel Ventura Rangos 2 & 3	Statistics 10:00 am - 12:00 pm
Liao, Hang Continuous and Discrete Time Multi-Species Population Models	Mathematical Sciences	Poster Presentation	William Hrusa Rangos 2 & 3	Mathematical Sciences 10:00 am - 12:00 pm
Lichtman, Benjamin Resource Aware Program Synthesis	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Jan Hoffmann Danforth Conference Room	Computer Science 2-2:20 pm
Lindenbaum, David Flexible management of superpages to improve performance	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Todd Mowry Danforth Conference Room	Computer Science 3-3:20 pm
Liu, Haodong Wearable Cognitive Assistant for Automatic External Defibrillators (AED)	Information Networking Institute	Poster Presentation	Roberta Klatzky Hoch Commons-2nd Floor, Rangos side	Psychology 10:00 am - 12:00 pm
Liu, Sabrina Designing a Leakproof Injector Spike for Contrast Media Transfer in CT/MRI Suites	Materials Science and Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Liu, Sabrina Utilizing 3-D Cardiac Microtissues as Actuators for 3-D Printed Skeletal Structures	Materials Science and Engineering	Poster Presentation	Adam Feinberg Rangos 1	Materials Science and ... 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Liu, Vincent Optimizations for Monocular SLAM	Electrical & Computer Engineering	Poster Presentation	Kris Kitani Wean Commons-1st Floor, Connan side	Robotics Institute 12-2:30 pm
Liu, Yu Towards Synthetic Ecosystems of Disease Vectors	Statistics	Poster Presentation	Samuel Ventura Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Liu, Yuqi Wearable Cognitive Assistant for Automatic External Defibrillators (AED)	Information Networking Institute	Poster Presentation	Roberta Klatzky Hoch Commons-2nd Floor, Rangos side	Psychology 10:00 am - 12:00 pm
Lopinto, Nikki Night Witches	Drama	Performing Arts	Megan Rivas McConomy Auditorium	Drama 10-11am
Lord, Kristie ChemE Car New Member Car SURG	General CIT	Poster Presentation	Michael Domach Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Lott, Jennifer Effectiveness of Current Suggestions for Designing Research Posters	Chemical Engineering	Oral Presentation	Joanna Wolfe Peter	English 1:20-1:40 pm
Lu, Allen Let's Go Bus System	Computer Science	Poster Presentation	Maxine Eskenazi Hoch Commons-2nd Floor, Rangos side	Language Technologies ... 3-5 pm
Lu, Marisa Knock Knock to Unlock: A Human centered Novel Authentication Method for Secure System Fluidity	Design	Poster Presentation	Austin Lee Hoch Commons-2nd Floor, Rangos side	Design 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Luning Prak, Jeanne Writing for the Professions	Computer Science	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 3-5 pm
Ma, Agnes A new era for female entrepreneurs	Electrical & Computer Engineering	Oral Presentation	Joanna Dickert Wright	Student Affairs 12-12:20 pm
Ma, Hsuan Designing a Leakproof Injector Spike for Contrast Media Transfer in CT/MRI Suites	Mechanical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Ma, Michelle The Clinic	Computer Science and Arts	Visual Arts	Paolo Pedercini Connan	Art 12-2:30 pm
Mackinney, Matthew In Vitro Aneurysm Modeling and Improved Coiling Solutions using Genipin	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Maeng, You Bin Physical, Psychological, and Emotional Causality	Psychology	Oral Presentation	David Rakison Peter	Psychology 4:20-4:40 pm
Maeshima, Rinko A Solution for Nasal Valve Collapse	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Maeshima, Rinko Generation and Evaluation of Porcine Liver Extracellular Matrix as a Tool for Culturing Human Induced Pluripotent Stem Cell (iPSC)-Derived Hepatocytes	Chemical Engineering	Poster Presentation	Conrad Zapanta Rangos 2 & 3	Biomedical Engineering 10:00 am - 12:00 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Maeshima, Rinko Generation and Evaluation of Porcine Liver Extracellular Matrix as a Tool for Culturing Human Induced Pluripotent Stem Cell (iPSC)-Derived Hepatocytes	Chemical Engineering	Poster Presentation	Conrad Zapanta Rangos 1	Biomedical Engineering 12-2:30 pm
Maheshwari, Yash Time Dependency of Stop Sign Compliance Rate Around CMU	Statistics	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Majid, Zeyneb Effect of Treatment Adherence on Health Outcomes of Mindfulness Meditation	Psychology	Oral Presentation	John Creswell Dowd	Psychology 12:40-1:00 pm
Makal, Sophia Increasing Emotional Support in Males	Psychology	Oral Presentation	Brooke Feeney Peter	Psychology 12-12:20 pm
Malik, Udaya Hydraulic Cardiac Sleeve	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Mallela, Prahaladha Writing for the Professions	Computer Science	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 12-2:30 pm
Manka, Andrew Statistical Modeling in Galaxy Classification	Statistics	Poster Presentation	Jordan Rodu Hoch Commons-2nd Floor, Rangos side	Statistics 10:00 am - 12:00 pm
Mannam, Pragna Homogeneous 3D Object Reorientation through Randomized Robotic Arm Movements	Electrical & Computer Engineering	Visual Arts	Matthew Mason Connan	Computer Science 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Mantha, Kabir The Operatic Manifesto	Science and Arts	Oral Presentation	Riccardo Schulz Dowd	Music 2-2:20 pm
Martinez, Raul The A-maze-ing Cube	Mechanical Engineering	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Massihpour, Dorsa Hand Crank Xylophone	Statistics	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
McCoy, Rachel Hydraulic Cardiac Sleeve	Materials Science and Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
McDonald, Hannah Doula Decisions: A Mental Models Approach to Understand Lack of Doula Use Despite the Benefits	Social & Decision Sciences	Poster Presentation	Tracy Nichole Argo Ben Itzhak Wean Commons-1st Floor, Connan side	Engineering and Public... 10:00 am - 12:00 pm
McDonald, Hannah Writing for the Professions	Social & Decision Sciences	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 3-5 pm
McElwaine, Mark Creating a high-density EEG System	Electrical & Computer Engineering	Poster Presentation	Pulkit Grover Rangos 1	Electrical & Computer ... 12-2:30 pm
McKinney, Rachel Writing for the Professions-	Psychology	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
McNichols, Sally Student Perceptions of Safety on South Neville Street	Computer Science	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Mendell, Mark Free Online Music MIDI Transcription and Piano Learning Tool	Computer Science and Arts	Oral Presentation	Roger Dannenberg Wright	Computer Science 1:00-1:20 pm
Mendell, Mark Survey of Neural Network Audio Generation	Computer Science and Arts	Oral Presentation	M. Stephanie Murray Pake	Humanities and Arts 1:20-1:40 pm
Menkis, Anna Orchestra Librarians: A Catalogue	Humanities and Arts	Oral Presentation	M. Stephanie Murray Peter	Humanities and Arts 4:40-5:00 pm
Mertz, Margaret Psyche and Parfum: Deconstructing Representation and Diversifying the Film Industry	General Dietrich College	Performing Arts	James Daniels McConomy Auditorium	English 3-4pm
Messersmith, Michael Analysis of Quadcopter Design for Top Speeds	Mechanical Engineering	Poster Presentation	Koushil Sreenath Wean Commons-1st Floor, Connan side	Mechanical Engineering 12-2:30 pm
Metro, Luke Affordable Passive Exoskeleton	Electrical & Computer Engineering	Poster Presentation	William Whittaker Hoch Commons-2nd Floor, Rangos side	Robotics Institute 3-5 pm
Meyer, Alyssa LaproClear: A Laparoscopic Lens Cleaning Device	Mechanical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Miller, Antonia Professional Communication in Psychology	Psychology	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 3-5 pm
Miller, Joel ChemE Car New Member Car SURG	Chemical Engineering	Poster Presentation	Michael Domach Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Milligan, Elyce Atlas: Self-Driving Buggy	Materials Science and Engineering	Poster Presentation	David Kosbie Hoch Commons-2nd Floor, Rangos side	Computer Science 12-2:30 pm
Miu, Rena Rapid Separation of Kilobase DNA with Capillary Electrophoresis	Chemical Engineering	Poster Presentation	James Schneider Kirr Commons-1st Floor, Window side	Chemical Engineering 3-5 pm
Mohan, Divya Biometrics Web Application	Dietrich College Interdisciplinary	Poster Presentation	Raja Sooriamurthi Wean Commons-1st Floor, Connan side	Information Systems 10:00 am - 12:00 pm
Mohanty, Sidhanth Algorithms in Distributed Computing with Noise	Computer Science	SCS Independent Study (Poster Presentation only)	Bernhard Haeupler Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Moiseyev, Lucas Walking in Rough Terrain by Touch and Feel	Electrical & Computer Engineering	Poster Presentation	William Whittaker Rangos 2 & 3	Robotics Institute 10:00 am - 12:00 pm
Molina, Cristina Are Biracial Faces More Attractive Than Uniracial Faces?	Psychology	Poster Presentation	David Rakison Hoch Commons-2nd Floor, Rangos side	Psychology 12-2:30 pm

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Mondal, Antara Professor x Student Interaction at CMU	Statistics	Poster Presentation	Jared Murray Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Mong, Michael Flying UFO Toy	Mechanical Engineering	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Montag, Cameron Continuous and Discrete Time Multi-Species Population Models	Mathematical Sciences	Poster Presentation	William Hrusa Rangos 2 & 3	Mathematical Sciences 10:00 am - 12:00 pm
Morales, Cecilia Assisting Human Locomotion with Ankle Exoskeletons	Mechanical Engineering	Poster Presentation	Steve Collins Hoch Commons-2nd Floor, Rangos side	Mechanical Engineering 10:00 am - 12:00 pm
Morales, Cecilia Developing a Medication Assistance Device to Reduce Noncompliance With Prescription Medication (MedBot2Go)	Mechanical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Mun, Frederick Tattoo Biosensors as Native In Situ Monitors of Inflammation for Elect Rx	Biological Sciences	Poster Presentation	Cheryl Telmer Rangos 2 & 3	Biological Sciences 10:00 am - 12:00 pm
Murati, Sebastian Developing a Medication Assistance Device to Reduce Noncompliance With Prescription Medication (MedBot2Go)	Biomedical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Nanavati, Amal Strategies for Robot Handoffs When Guiding Blind Travelers	Computer Science	SCS Independent Study (Poster Presentation only)	Aaron Steinfeld Wiegand Gymnasium - SCS Independent Study	Robotics Institute 12-2:30 pm

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Nantawisarakul, Taechawidd Host-Microbe Interactions: Exploring how gut bacteria affect animal physiology and behavior	Biological Sciences	Poster Presentation	Brooke McCartney Rangos 2 & 3	Biological Sciences 10:00 am - 12:00 pm
Nayak, Amukta Experiments on Friction Pad Texture Gradients	Electrical & Computer Engineering	Poster Presentation	Roberta Klatzky Rangos 2 & 3	Psychology 10:00 am - 12:00 pm
Neri, Cesar Reinterpreting Chiapas	Architecture	Visual Arts	Diane Shaw Connan	Architecture 12-2:30 pm
Neumann, Jacob Continuous and Discrete Time Multi-Species Population Models	Mathematical Sciences	Poster Presentation	William Hrusa Rangos 2 & 3	Mathematical Sciences 10:00 am - 12:00 pm
Ngoh, Clarence IDeATe Game Design - Good Boy Games	Dietrich College Interdisciplinary	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Nguyen, Karen The Importance of Untold Stories: Coming of Age as a Vietnamese Woman	English	Oral Presentation	Jane McCafferty McKenna	English 4:40-5:00 pm
Nichols, Patrick Congress-Citizen Virtuous Loop: A Model for a more informed democracy	Physics	Poster Presentation	Robert Cavalier Kirr Commons-1st Floor, Window side	Philosophy 10:00 am - 12:00 pm
Noonan, Anne Indoor Agriculture (EWB)	Chemical Engineering	Poster Presentation	Kelvin Gregory Wean Commons-1st Floor, Connan side	Civil and Environmenta... 10:00 am - 12:00 pm

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Nunez, Rainer IDeATe Game Design - Good Boy Games	Psychology	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
O'Neil, Stephanie Dark Matter Content in Dwarf Spheroidal Galaxies	Physics	Poster Presentation	Matthew Walker Rangos 2 & 3	Physics 10:00 am - 12:00 pm
Ogbogu, Chukwudumebi Environmental Application of Nanotechnologies: Efficient Targeting and Transport of Fertilizer using Nanotechnology	Chemical Engineering	Oral Presentation	Robert Tilton Wright	Chemical Engineering 12:20-12:40 pm
Oh, Seowon Steampunk, Fantasy, and Detectives? - Making a Mock Film Artbook	Humanities and Arts	Visual Arts	M. Stephanie Murray Connan	Humanities and Arts 12-2:30 pm
Okamura, Malia ChemE Car New Member Car SURG	Materials Science and Engineering	Poster Presentation	Michael Domach Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Orelowitz, Gidon A Combinatorial Interpretation of the Super-Catalan Number $T(3,n)$	Mathematical Sciences	Poster Presentation	Irina Gheorghiciuc Kirr Commons-1st Floor, Window side	Mathematical Sciences 3-5 pm
Osofsky, Everi IDeATe Game Design - Good Boy Games	Computer Science	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Ott, David Allerjif	Biomedical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm

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Oyuela-Bonzani, Marcel Professional Communication in Computer Science	Computer Science	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 12-2:30 pm
Pace, Gordon Analysis of the Effects of Oleic Acid in Oil-Surfactant Interfaces	Chemical Engineering	Poster Presentation	Robert Tilton Rangos 1	Chemical Engineering 12-2:30 pm
Pace, Gordon Know Nuts Point of Care Peanut Allergen Detector	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Padwekar, Anisha Predicting User Intent for a Teleoperated Arm Using Eye Gaze	Computer Science	SCS Independent Study (Poster Presentation only)	Siddhartha Srinivasa Wiegand Gymnasium - SCS Independent Study	Robotics Institute 12-2:30 pm
Pagano, Isabella Is secondary structure important for the efficacy of antimicrobial peptides?	Physics	Poster Presentation	Stephanie Tristram-Nagle Rangos 2 & 3	Physics 10:00 am - 12:00 pm
Pak, Peter Design of Processing Steps for MOSFET based on Gallium Oxide (Ga2O3)	Materials Science and Engineering	Poster Presentation	Lisa Porter Hoch Commons-2nd Floor, Rangos side	Materials Science and ... 10:00 am - 12:00 pm
Pan, Patricia Hydraulic Cardiac Sleeve	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Pan, Zhengyuan Development of an Affordable, Safe and Effective Oxygen Concentrator for Use in Low-Resource Settings: EverAir	Electrical & Computer Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Panda, Ashwin Analysis of the relationship between murMN allelic variations and virulence potential in mutant strains of Streptococcus pneumoniae	Science and Humanities Scholars	Poster Presentation	Natalia Hiller Rangos 2 & 3	Biological Sciences 10:00 am - 12:00 pm
Pandit, Avanti ChemE Car New Stopping/Driving Mechanism	Architecture	Poster Presentation	Michael Domach Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Panwar, Manik Professional Communication in Computer Science	Computer Science	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 3-5 pm
Paranjape, Gayatri Cu-PDMS and pCB with NO flux Coatings to Reduce Coagulation in Artificial Lungs	Chemical Engineering	Poster Presentation	Keith Cook Kirr Commons-1st Floor, Window side	Biomedical Engineering 3-5 pm
Parekh, Aakash Anticoagulation Effects of Rivaroxaban on Artificial Lungs	Chemical Engineering	Poster Presentation	Keith Cook Hoch Commons-2nd Floor, Rangos side	Biomedical Engineering 3-5 pm
Park, Eunsol Comparison of Two Methods For Labeling Specific Cell Types Using FLEx (flip-excision) Yellow Fluorescent Protein (YFP) and FLEx Fluorogen-Activating Protein (FAP)	Biological Sciences	Poster Presentation	Alison Barth Hoch Commons-2nd Floor, Rangos side	Biological Sciences 3-5 pm
Park, Jiwoo Developing a Medication Assistance Device to Reduce Noncompliance With Prescription Medication (MedBot2Go)	Design	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Parker, Jake Extending Autolab Functionality for Learning	Statistics	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Patil, Darshan Medical Images to text	Computer Science	SCS Independent Study (Poster Presentation only)	Eric Xing Wiegand Gymnasium - SCS Independent Study	Human Computer Interac... 12-2:30 pm
Pearce, Ryan LaproClear: A Laparoscopic Lens Cleaning Device	Mechanical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Pei, Doria Post Machining of Tight Tolerance Ti6Al4V EBM Parts	Mechanical Engineering	Poster Presentation	Anthony Rollett Kirr Commons-1st Floor, Window side	Materials Science and ... 10:00 am - 12:00 pm
Peng, Yushuan LaproClear: A Laparoscopic Lens Cleaning Device	Materials Science and Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Penick, Jack A Study in Racial Preferences Using Behavioral Economics Methods	Computer Science	Oral Presentation	Alex Imas McKenna	Social & Decision Scie... 12:20-12:40 pm
Perry, Christopher Atlas: Self-Driving Buggy	Design	Poster Presentation	David Kosbie Hoch Commons-2nd Floor, Rangos side	Computer Science 12-2:30 pm
Persaud, Spencer Analysis of Quadcopter Design for Top Speeds	Mechanical Engineering	Poster Presentation	Koushil Sreenath Wean Commons-1st Floor, Connan side	Mechanical Engineering 12-2:30 pm
Peterson, Alexander Development of an Affordable, Safe and Effective Oxygen Concentrator for Use in Low-Resource Settings: EverAir	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Peyton, Miles Inner Beauty	Computer Science and Arts	Oral Presentation	Golan Levin Peter	Art 1:40-2:00 pm
Phan, Tiffany Creation of PuffsAnalysis: a novel advancement in the study of surface receptor recycling	Biological Sciences	Poster Presentation	Manojkumar Puthenveedu Hoch Commons-2nd Floor, Rangos side	Biological Sciences 12-2:30 pm
Phillips, Jeffrey An Extension of the Kelly Criterion for Scenarios with Discrete Bet Amounts	Mathematical Sciences	Poster Presentation	Samuel Ventura Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Pina, Tabatha Atlas: Self-Driving Buggy	General CIT	Poster Presentation	David Kosbie Hoch Commons-2nd Floor, Rangos side	Computer Science 12-2:30 pm
Pingali, Sriharini XY-grams: Approximate Phonetic Search at Scale	Computer Science	SCS Independent Study (Poster Presentation only)	Todd Mowry Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Pinto, Nicole Time Dependency of Stop Sign Compliance Rate Around CMU	Psychology	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Pomerantz, Alexander IDH mutant gliomas escape natural killer cell immune surveillance by downregulation of NKG2D ligand expression	Biological Sciences	Poster Presentation	Rangos 2 & 3	10:00 am - 12:00 pm
Prasanna, Anand Rapid Prototyping for the Children's School at Carnegie Mellon	Electrical & Computer Engineering	IDeATe Presentation	Asim Smailagic Studio Theater	Electrical & Computer ... 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Price, Brandon Exploring Defenses for Security Vulnerabilities in Neural Networks	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Matthew Fredrikson Danforth Conference Room	Computer Science 3:20-3:40 pm
Pusch, Kira Large Volume 3D Printing of Soft Materials	Materials Science and Engineering	Poster Presentation	Adam Feinberg Rangos 2 & 3	Materials Science and ... 10:00 am - 12:00 pm
Qian, Liyunshu Yield Curve Prediction and Model Fitting for Mortgage Backed Security Pricing	Science and Humanities Scholars	Poster Presentation	William Hrusa Wean Commons-1st Floor, Connan side	Mathematical Sciences 3-5 pm
Quah, Ian Workload clustering and forecasting for Self-Driving Database System	Psychology	SCS Independent Study (Poster Presentation only)	Andrew Pavlo Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Quinones, Cesar Indoor Agriculture (EWB)	Mechanical Engineering	Poster Presentation	Kelvin Gregory Wean Commons-1st Floor, Connan side	Civil and Environmenta... 10:00 am - 12:00 pm
Raghavan, Shyamsunder Password Magic (Humanly-Computable Password Generation Schemata and Their Practical Implications)	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Manuel Blum Danforth Conference Room	Computer Science 3:40-4:00 pm
Rahman, Favian Statistical Modeling in Galaxy Classification	Statistics	Poster Presentation	Jordan Rodu Hoch Commons-2nd Floor, Rangos side	Statistics 10:00 am - 12:00 pm
Ramachandran, Bharadwaj Building a Privacy-Aware Stack for the Internet of Things	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Jason Hong Danforth Conference Room	Human Computer Interac... 4-4:20 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Ramirez, Paul Validation of Convective Air Cooling of Battery Enclosures	Mechanical Engineering	Poster Presentation	Satbir Singh Wean Commons-1st Floor, Connan side	Mechanical Engineering 10:00 am - 12:00 pm
Ramnath, Kavita Molecular Comparison of Disulfiram and Doxorubicin Treatment in an Orthotopic Model of Metastatic Osteosarcoma	Biological Sciences	Poster Presentation	Becki Campanaro Rangos 2 & 3	Biological Sciences 10:00 am - 12:00 pm
Rao, Alice Professional Communication in Computer Science	Computer Science	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 3-5 pm
Rasmussen, Thomas Writing for the Professions	Psychology	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 12-2:30 pm
Rath, Alina SableEye: Navigation System for the Visually Impaired	Electrical & Computer Engineering	Poster Presentation	Priya Narasimhan Kirr Commons-1st Floor, Window side	Electrical & Computer ... 10:00 am - 12:00 pm
Reece, Arabella ChemE Car New Member Car SURG	General CIT	Poster Presentation	Michael Domach Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Relyea, Lauren Heat and mass transfer past slender bodies via a generalized reciprocal theorem	Chemical Engineering	Poster Presentation	Aditya Khair Rangos 1	Chemical Engineering 12-2:30 pm
Reynolds, Robert The Intransigence of Canada during Prohibition: Implementing the 18th Amendment along America's Northern Border	History	Oral Presentation	Steven Schlossman Dowd	History 3:20-3:40 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Roche, Elias Identifying Contact Binaries in the Catalina Real-Time Transient Survey	Statistics	Poster Presentation	Peter Freeman Kirr Commons-1st Floor, Window side	Statistics 10:00 am - 12:00 pm
Rock, Charles The Director: A Short Film	English	Performing Arts	Sharon Dilworth McConomy Auditorium	English 12-1 pm
Rodriguez, Emilio Functional Characterization of a Novel Pneumococcal Secreted Peptide	Biological Sciences	Poster Presentation	Natalia Hiller Rangos 2 & 3	Biological Sciences 10:00 am - 12:00 pm
Rodriguez, Maria Linking the Masses of Galaxies to their Morphologies	Statistics	Poster Presentation	Peter Freeman Kirr Commons-1st Floor, Window side	Statistics 3-5 pm
Rodriguez, Mariana Flight of the Furious	Materials Science and Engineering	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Rodriguez, Mariana Tweaking the Boron Nitride/Single-walled Carbon Nanotube Network for Carbon Dioxide Capture	Materials Science and Engineering	Poster Presentation	Mohammad Islam Rangos 2 & 3	Materials Science and ... 10:00 am - 12:00 pm
Rogowski, Brandon Optogenetic Control of Neuronal Subpopulations in the External Globus Pallidus	Biological Sciences	Poster Presentation	Aryn Gittis Rangos 2 & 3	Biological Sciences 10:00 am - 12:00 pm
Roman, Alexander FRB Localization With Next Generation Radio Interferometer Arrays	Physics	Poster Presentation	Jeff Peterson Hoch Commons-2nd Floor, Rangos side	Physics 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Ronayne, Jack Enzymatic Biomass Degradation	Chemical Engineering	Poster Presentation	Kelvin Gregory Kirr Commons-1st Floor, Window side	Civil and Environmenta... 10:00 am - 12:00 pm
Ronayne, Jack Indoor Agriculture (EWB)	Chemical Engineering	Poster Presentation	Kelvin Gregory Wean Commons-1st Floor, Connan side	Civil and Environmenta... 10:00 am - 12:00 pm
Rooney, Christine TWYST - A Biosanitizing Unit for Developing Countries	Materials Science and Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Root, Geoffrey CMU Freshman Roommate Experience Survey	Economics	Poster Presentation	Jared Murray Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Rosa, Thomas Student Perceptions of Safety on South Neville Street	Physics	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Rosati, Kalie MedBot-Home: Automatic Medication Dispensing System	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Roy, Olivia Mechanical Engineering and Gender Studies	Mechanical Engineering	Poster Presentation	Christopher McComb Wean Commons-1st Floor, Connan side	Mechanical Engineering 10:00 am - 12:00 pm
Ruales, Richard Indoor Agriculture (EWB)	Chemical Engineering	Poster Presentation	Kelvin Gregory Wean Commons-1st Floor, Connan side	Civil and Environmenta... 10:00 am - 12:00 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Rudolph, Robert Affordable Passive Exoskeleton	Electrical & Computer Engineering	Poster Presentation	William Whittaker Hoch Commons-2nd Floor, Rangos side	Robotics Institute 3-5 pm
Russell, Alexander Direct Numerical Simulations (DNS) of Aerosol Deposition in Turbulent Flows	Mechanical Engineering	Poster Presentation	Satbir Singh Rangos 1	Mechanical Engineering 12-2:30 pm
Ryan, Neil Rapid Prototyping for the Children's School at Carnegie Mellon	Electrical & Computer Engineering	IDEATe Presentation	Asim Smailagic Studio Theater	Electrical & Computer ... 12-2:30 pm
Safy, Mary The A-maze-ing Cube	Science and Humanities Scholars	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Sak, Maxim Stress and Time Spent in 15-112, Introduction to Programming	Statistics	Poster Presentation	Jared Murray Kirr Commons-1st Floor, Window side	Statistics 3-5 pm
Salandra, Casey CMU Global Medical Brigades in Nicaragua	Chemical Engineering	Poster Presentation	Jason D'Antonio Hoch Commons-2nd Floor, Rangos side	Biological Sciences 10:00 am - 12:00 pm
Salandra, Casey In Vitro Aneurysm Modeling and Improved Coiling Solutions using Genipin	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Salandra, Casey Nuclear-centrosome orientation in migrating cells and its implications in nuclear diseases	Chemical Engineering	Poster Presentation	Kris Dahl Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Salinas, Hannah Development of an Affordable, Safe and Effective Oxygen Concentrator for Use in Low-Resource Settings: EverAir	Design	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Salinas, Timiki Night Witches	Drama	Performing Arts	Megan Rivas McConomy Auditorium	Drama 10-11am
Samaniego, Barbara Post-Consumer Food Waste	English	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Samaniego, Barbara Voter Participation and Gerrymandering: An Empirical Analysis	English	Poster Presentation	Karam Kang Kirr Commons-1st Floor, Window side	Economics 10:00 am - 12:00 pm
San Miguel, Tomas Ideate Game Design - Moon Bean Studios	Computer Science	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Santilli, Caroline Authenticity, Creativity and Recovery: Enhancing Therapeutic Experiences for Young Artists	Humanities and Arts	Visual Arts	Sharon Carver Connan	Psychology 12-2:30 pm
Schneider, Samuel Model-based learning in Space Fortress	Mathematical Sciences	Oral Presentation	John Anderson Wright	Psychology 4-4:20 pm
Schwartz, Marissa A Solution for Nasal Valve Collapse	Materials Science and Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Seah, Melanie Wearable Cognitive Assistant for Automatic External Defibrillators (AED)	Psychology	Poster Presentation	Roberta Klatzky Hoch Commons-2nd Floor, Rangos side	Psychology 10:00 am - 12:00 pm
See, Daniel Project Home(less)	Art	Visual Arts	Joe Mannino Connan	Art 3-5 pm
Seepaul, Jason Know Nuts Point of Care Peanut Allergen Detector	Mechanical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Segal, Karen Total Recall: A Data-Driven Analysis of the Takata Airbag Recall	Information Systems	Oral Presentation	Randy Weinberg Dowd	Information Systems 1:20-1:40 pm
Seo, Jeong Min Modified Inhaler Adapter	Design	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Shankar, Naveen Identifying Donor Trends for the Pittsburgh Civic Light Opera	Statistics	Poster Presentation	Jordan Rodu Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Shaw, Marie Improving the Campus Tour Experience	Electrical & Computer Engineering	IDeATe Presentation	Sara Moussawi Studio Theater	Information Systems 12-2:30 pm
Sheehan, Peter IDeATE Game Design - The Muses	Art	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Shen, Christine Word Play	Science and Arts	Oral Presentation	Susanne Slavick Pake	Art 12-12:20 pm
Shen, Yuyi ChemE Car New Stopping/Driving Mechanism	Electrical & Computer Engineering	Poster Presentation	Michael Domach Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Sheremet, Angelina Interactive Model-Based Clustering	Statistics	Oral Presentation	Rebecca Nugent Peter	Statistics 2-2:20 pm
Sherwood, Andrea Liminal Spaces	Humanities and Arts	Oral Presentation	Kevin Gonzalez Wright	English 3-3:20 pm
Shi, Moqing Yield Curve Prediction and Model Fitting for Mortgage Backed Security Pricing	Mathematical Sciences	Poster Presentation	William Hrusa Wean Commons-1st Floor, Connan side	Mathematical Sciences 3-5 pm
Shimada, Naomi Psyche and Parfum: Deconstructing Representation and Diversifying the Film Industry	General Dietrich College	Performing Arts	James Daniels McConomy Auditorium	English 3-4pm
Shoemaker, Samantha Clot Formation and Functional Changes in the CardioHelp Oxygenator Over Time	Mechanical Engineering	Poster Presentation	Keith Cook Hoch Commons-2nd Floor, Rangos side	Biomedical Engineering 3-5 pm
Shoemaker, Samantha Non-Electric Dental Pump for Developing Areas	Mechanical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Shoemaker, Samantha Quantification and Modeling of Clot Formation on Artificial Lung Fibers	Mechanical Engineering	Poster Presentation	Keith Cook Hoch Commons-2nd Floor, Rangos side	Biomedical Engineering 3-5 pm
Shortridge, Benton HeliTop	Mechanical Engineering	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Shy, Sarah A Statistical Look at Neural Firing Patterns	Statistics	Poster Presentation	Jordan Rodu Rangos 2 & 3	Statistics 10:00 am - 12:00 pm
Sierra, Paloma COCKTAIL: Tasting Three Different Perspectives about Puerto Rican National Identity through Poetry	Humanities and Arts	Performing Arts	Therese Tardio McConomy Auditorium	Modern Languages 11 am - 12 pm
Singh, Gujri The Economic Impact of The War on Drugs	Economics	Oral Presentation	Joachim Groeger Pake	Economics 3:20-3:40 pm
Singh, Mehar ROBOT CLEARANCE PLANNING AND MULTI-OBJECTS MANIPULATION ALGORITHMS	Mechanical Engineering	Poster Presentation	Siddhartha Srinivasa Wean Commons-1st Floor, Connan side	Robotics Institute 10:00 am - 12:00 pm
Singh, Shridhar Next Generation Lipidoid Nanoparticles for the Delivery of siRNA	Chemical Engineering	Poster Presentation	Kathryn Whitehead Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 10:00 am - 12:00 pm
Singla, Naviya Writing for the Professions	Computer Science	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Smith, Abigail Towards Synthetic Ecosystems of Disease Vectors	Mathematical Sciences	Poster Presentation	Samuel Ventura Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Smith, Alexa Emotion Expression during a Lab Stress Task following Mindfulness Training	Social & Decision Sciences	Poster Presentation	John Creswell Wean Commons-1st Floor, Connan side	Psychology 10:00 am - 12:00 pm
Smith, Cameron CMU Global Medical Brigades in Nicaragua	Chemical Engineering	Poster Presentation	Jason D'Antonio Hoch Commons-2nd Floor, Rangos side	Biological Sciences 10:00 am - 12:00 pm
Smith, Katelyn Skyline	Architecture	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Smith, Margaret Non-Electric Dental Pump for Developing Areas	Biomedical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Smith, Miles Validation of Convective Air Cooling of Battery Enclosures	Mechanical Engineering	Poster Presentation	Satbir Singh Wean Commons-1st Floor, Connan side	Mechanical Engineering 10:00 am - 12:00 pm
Smith, Samantha Dissecting the interaction between APC2 and ApepP in regulation of Beta-catenin protein levels	Biological Sciences	Poster Presentation	Jonathan Minden Wean Commons-1st Floor, Connan side	Biological Sciences 3-5 pm
Solomon, John ChemE Car New Member Car SURG	Chemical Engineering	Poster Presentation	Michael Domach Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Soltani, Aria Gamma Guanidine MiniPEG Peptide Nucleic Acid Synthesis and its Applications	Chemistry	Poster Presentation	Danith Ly Rangos 2 & 3	Chemistry 10:00 am - 12:00 pm
Som-Pimpong, Kofi Flight of the Furious	Mechanical Engineering	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Son, Ji Hye CMU Freshman Roommate Experience Survey	Economics and Statistics	Poster Presentation	Jared Murray Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Soska, Cody Real Life Angry Birds	Student-Defined Major CMU	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Soska, Cody Virtual Reality Video Chat	Student-Defined Major CMU	IDeATe Presentation	Pyr Matikainen Studio Theater	Robotics Institute 12-12:30pm
Sprong, John Game Design: Prototyping and Production = Knife Cat Studios	English	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Sridhar, Vivek Robust Multi-Agent Aquatic Localization	Electrical & Computer Engineering	Poster Presentation	Anthony Rowe Wean Commons-1st Floor, Connan side	Electrical & Computer ... 3-5 pm
Srivastava, Neha Professor x Student Interaction at CMU	Business Administration	Poster Presentation	Jared Murray Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Starvaggi, Francesca ChemE Car New Member Car SURG	Chemistry	Poster Presentation	Michael Domach Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Sternstein, Naomi The Good Hurt: Stories	Chemical Engineering	Oral Presentation	Kevin Gonzalez Dowd	English 4-4:20 pm
Sullivan, Joan Reflections of Home	Humanities and Arts	Visual Arts	M. Stephanie Murray Connan	Humanities and Arts 12-2:30 pm
Sun, Lu When Hand Connected with Mind	Human Computer Interaction	Oral Presentation	Justine Cassell Pake	Human Computer Interac... 2-2:20 pm
Sussman, Zachary Traffic Modeling and Bikeability Scoring in Pennsylvania	Computer Science	SCS Independent Study (Poster Presentation only)	Stephen Smith Wiegand Gymnasium - SCS Independent Study	Robotics Institute 12-2:30 pm
Sutradhar, Indorica Understanding Polymer Thin Film Structures through Atomic Force Microscopy	Materials Science and Engineering	Poster Presentation	B. Reeja Jayan Kirr Commons-1st Floor, Window side	Mechanical Engineering 12-2:30 pm
Swain, Matthew HeliTop	Mechanical Engineering	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Swanson, Emily Know Nuts Point of Care Peanut Allergen Detector	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Tan, Aileen Time Dependency of Stop Sign Compliance Rate Around CMU	Statistics	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Tan, Jiaxin CMU IDeATe Game Design - [BLANK] Studios	Computer Science	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Tang, Caoxin Glycosaminoglycan and graphene oxide crosslinking network for cartilage tissue repair	Chemistry	Poster Presentation	Stefanie Sydlik Wean Commons-1st Floor, Connan side	Chemistry 12-2:30 pm
Tangirala, Satya Integrating the Scanner Video Analysis Framework with Cloud Storage Services	Computer Science	SCS Independent Study (Poster Presentation only)	Kayvon Fatahalian Rangos 2 & 3	Computer Science 10:00 am - 12:00 pm
Telmer, Maxwell Detecting Gluten Proteins Using Biosensors	Materials Science and Engineering	Poster Presentation	B. Reeja Jayan Kirr Commons-1st Floor, Window side	Mechanical Engineering 12-2:30 pm
Tender, Corrina Hydraulic Cardiac Sleeve	Biomedical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Tender, Katherine Hives	Art	Visual Arts	Connan	3-5 pm
Teo, Benjamin Determining the structure of a population of neurons	Mathematical Sciences	Poster Presentation	Jordan Rodu Kirr Commons-1st Floor, Window side	Statistics 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Thiele, Amanda Healthcare in Ghana	Psychology	Poster Presentation	Jason D'Antonio Hoch Commons-2nd Floor, Rangos side	Biological Sciences 12-2:30 pm
Tien, Rebecca The durability of a biodegradable biocomposite for structural applications	Civil and Environmental Engineering	Poster Presentation	Sarah Christian Kirr Commons-1st Floor, Window side	Civil and Environmen... 10:00 am - 12:00 pm
Tiggs, Bryan Ideate Game Design - Moon Bean Studios	Biological Sciences	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Tilton, Ian ChemE Car New Member Car SURG	General CIT	Poster Presentation	Michael Domach Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Ting, Melody The Cultural Appropriation Project	Social & Decision Sciences	Poster Presentation	Jesse Stiles Kirr Commons-1st Floor, Window side	Music 10:00 am - 12:00 pm
Tiwari, Aman The New Flesh	Art	Visual Arts	Wiegand Gymnasium	12-2:30 pm
Todd, Marcus Writing for the Professions	Computer Science	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 12-2:30 pm
Tom, Nicole A Review and Redesign of Prosthetic Sockets for Transfemoral Amputations	Chemical Engineering	Poster Presentation	Kenji Shimada Rangos 1	Mechanical Engineering 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Tom, Nicole Modified Inhaler Adapter	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Tomio, Hannah Energy-Harvesting Audio-Controlled Wireless Sensor for Assistive Devices	Electrical & Computer Engineering	Poster Presentation	Brandon Lucia Rangos 1	Electrical & Computer ... 12-2:30 pm
Tomio, Hannah Energy-Harvesting Audio-Controlled Wireless Sensor for Assistive Devices	Electrical & Computer Engineering	Poster Presentation	Brandon Lucia Rangos 2 & 3	Electrical & Computer ... 10:00 am - 12:00 pm
Townsend, Charlotte Bitcoins in the Black Market: Criminal Currency in the Twenty-First Century	Economics	Oral Presentation	Stephen Spear Dowd	Economics 1:00-1:20 pm
Tseng, Thomas Maintaining graph properties under parallel batch updates	Computer Science	SCS Independent Study (Poster Presentation only)	Guy Blleloch Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Unnava, Sree Keeping Current: Investigating the Future of Anchored Currency Regimes	Economics	Oral Presentation	Laurence Ales Wright	Economics 2-2:20 pm
Urbanek, John Deep Learning of Polyphonic Similarity between Acoustic and Synthetic Recordings	Electrical & Computer Engineering	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Roger Dannenberg Danforth Conference Room	Computer Science 4:20-4:40 pm
Usnay, Roseanne Latinx Students' Experience at CMU	Civil and Environmental Engineering	Poster Presentation	Mariana Achugar Kirr Commons-1st Floor, Window side	Modern Languages 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Vadlamudi, Ashita Determining the mechanistic basis of the decrease in MOR endocytosis following chronic morphine treatment in HEK293 cells	Biological Sciences	Poster Presentation	Manojkumar Puthenveedu Rangos 2 & 3	Biological Sciences 10:00 am - 12:00 pm
Valley, Lauren Body Electric	Art	Visual Arts	Garth Zeglin Wiegand Gymnasium	Robotics Institute 12-2:30 pm
Valluri, Meghana Handprinter: Quantifying Our Positive Environmental Impact	Information Systems	Poster Presentation	Raja Sooriamurthi Kirr Commons-1st Floor, Window side	Information Systems 10:00 am - 12:00 pm
Van de Zande, Charles Screen Print Bike Safety Jacket	Design	Visual Arts	Peter Scupelli Wiegand Gymnasium	Design 12-2:30 pm
Vanbriesen, Jonathan Writing for the Professions	Computer Science	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 3-5 pm
Vanderveen, Lorianna Writing for the Professions	Computer Science	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 3-5 pm
Vankat, Deniesse Professional Communication in Decision Science	Social & Decision Sciences	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 3-5 pm
Varma, Rohan Stress and Time Spent in 15-112, Introduction to Programming	Computer Science	Poster Presentation	Jared Murray Kirr Commons-1st Floor, Window side	Statistics 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Veintimilla, Jose Powder Bed Temperatures in Metal 3D Printing	Mechanical Engineering	Poster Presentation	Jack Beuth Hoch Commons-2nd Floor, Rangos side	Mechanical Engineering 10:00 am - 12:00 pm
Victoria Higueros, Adolfo Atlas: Self-Driving Buggy	Electrical & Computer Engineering	Poster Presentation	David Kosbie Hoch Commons-2nd Floor, Rangos side	Computer Science 12-2:30 pm
Victoria Higueros, Adolfo Walking in Rough Terrain by Touch and Feel	Electrical & Computer Engineering	Poster Presentation	William Whittaker Rangos 2 & 3	Robotics Institute 10:00 am - 12:00 pm
Vizelman, Jamie Fruit and Vegetable Derived Cellulose Scaffolds for Cardiac Tissue Engineering	Chemical Engineering	Poster Presentation	Kathryn Whitehead Wean Commons-1st Floor, Connan side	Chemical Engineering 12-2:30 pm
Vizelman, Jamie Indoor Agriculture (EWB)	Chemical Engineering	Poster Presentation	Kelvin Gregory Wean Commons-1st Floor, Connan side	Civil and Environmenta... 10:00 am - 12:00 pm
Vlahovic, Ivana MedBot-Home: Automatic Medication Dispensing System	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Vokach-Brodsky, Emily The Relationship between Beauty and HIV Risk Perception in South Africa and Kenya	Social & Decision Sciences	Oral Presentation	Tracy Nichole Argo Ben Itzhak Dowd	Engineering and Public... 3-3:20 pm
Vries, Jacob Mechanisms of Surface Charging In Nonpolar Media	Chemical Engineering	Poster Presentation	James Schneider Wean Commons-1st Floor, Connan side	Chemical Engineering 10:00 am - 12:00 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Wadhwa, Siddhant The A-maze-ing Cube	Computer Science	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Wadwani, Shiv Hydraulic Cardiac Sleeve	Mechanical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Wagner, Kristina How a research-based system can facilitate citizens solving wicked problems more efficiently, with the refugee crisis as a case study.	English	Oral Presentation	Necia Werner McKenna	English 2-2:20 pm
Walsh, Brian IDEATe Game Design - Good Boy Games	Business Administration	IDEATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Wan, Tracy Writing for the Professions	Computer Science	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 12-2:30 pm
Wang, Allan Vision System for Biped Robotic Walking on Stepping-stones	Mechanical Engineering	Poster Presentation	Koushil Sreenath Rangos 1	Mechanical Engineering 12-2:30 pm
Wang, Ashley Gamma Peptide Nucleic Acids as a Platform for Orthogonal Nucleic Acid Recognition Codes	Business Administration	Poster Presentation	Danith Ly Kirr Commons-1st Floor, Window side	Chemistry 10:00 am - 12:00 pm
Wang, Hanruo Gamifying CTFs	Computer Science	SCS Independent Study (Poster Presentation only)	David Brumley Wiegand Gymnasium - SCS Independent Study	Electrical & Computer ... 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Wang, Jamei A Solution for Nasal Valve Collapse	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Wang, Julia Investigating CiEj Properties with Fluorescein-attached Alkylated DNA Using Capillary Electrophoresis	Chemical Engineering	Poster Presentation	James Schneider Rangos 1	Chemical Engineering 12-2:30 pm
Wang, Shannon Reciprocity of Surrounding Environments: Testing for Reciprocity Within Families Through Gift Exchange in Hypothetical Labor Markets	Social & Decision Sciences	Poster Presentation	Alex Imas Hoch Commons-2nd Floor, Rangos side	Social & Decision Scie... 3-5 pm
Wang, Shihan Preventing Epidemics Via Sensing and Learning Mosquito Behaviors	Electrical & Computer Engineering	Poster Presentation	Radu Marculescu Rangos 2 & 3	Electrical & Computer ... 10:00 am - 12:00 pm
Wang, Yifan Biocompatible Molded Housing of the Pulmonary Assist Device	Mechanical Engineering	Poster Presentation	David Skoog Rangos 1	Biomedical Engineering 12-2:30 pm
Wang, Yifan Development of an Affordable, Safe and Effective Oxygen Concentrator for Use in Low-Resource Settings: EverAir	Mechanical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Wank, Marianthie Time Dependency of Stop Sign Compliance Rate Around CMU	Social & Decision Sciences	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Warwick, Benjamin Atlas: Self-Driving Buggy	Mechanical Engineering	Poster Presentation	David Kosbie Hoch Commons-2nd Floor, Rangos side	Computer Science 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Weaver, Kyle Writing for the Professions	Mathematical Sciences	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 12-2:30 pm
Welch, Alisandra Writing for the Professions	Chemical Engineering	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 12-2:30 pm
Weleski, Dawn Hives	Art	Visual Arts	Connan	3-5 pm
Weleski, Dawn Rolling Sheep - Stop Motion Animation	Art	Visual Arts	Connan	3-5 pm
Weleski, Dawn The New Flesh	Art	Visual Arts	Wiegand Gymnasium	12-2:30 pm
Wells, Cullen Little Bits and Pieces	English	Oral Presentation	Sharon Dilworth Wright	English 3:20-3:40 pm
Wesson, Jacob Night Witches	Drama	Performing Arts	Megan Rivas McConomy Auditorium	Drama 10-11am
White, Katterin Latinx Students' Experience at CMU	Economics	Poster Presentation	Mariana Achugar Kirr Commons-1st Floor, Window side	Modern Languages 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
White, Katterin Professor x Student Interaction at CMU	Economics	Poster Presentation	Jared Murray Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Williams, June Impact of Environmental Stimuli on the Design Process	Mechanical Engineering	Poster Presentation	Jonathan Cagan Rangos 1	Mechanical Engineering 12-2:30 pm
Williams, Kathryn Biometrics Web Application	Information Systems	Poster Presentation	Raja Sooriamurthi Wean Commons-1st Floor, Connan side	Information Systems 10:00 am - 12:00 pm
Willis, Alexis Dear Boys,	Psychology	Visual Arts	Emilie O'Leary Connan	Psychology 12-2:30 pm
Wong, Nelson Improving Snake Robot Motion:Developing and Optimizing Gaits	Mechanical Engineering	Poster Presentation	Howie Choset Hoch Commons-2nd Floor, Rangos side	Robotics Institute 10:00 am - 12:00 pm
Wong, Samantha Hand Crank Xylophone	Mechanical Engineering	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Wood, Evan Subtalar Prothetic Foot	Biomedical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Woskob, Alexander Ideate Game Design - Moon Bean Studios	CFA Undeclared	IDEATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Wu, Delancey Can Affectionate Touch Affect Intrinsic and Altruistic Motivation to Sacrifice in Romantic Relationships?	Science and Humanities Scholars	Oral Presentation	Brooke Feeney McKenna	Psychology 1:20-1:40 pm
Wu, Sharon Gamma Peptide Nucleic Acids as a Platform for Orthogonal Nucleic Acid Recognition Codes	Chemistry	Poster Presentation	Danith Ly Kirr Commons-1st Floor, Window side	Chemistry 10:00 am - 12:00 pm
Wu, Yi Compressed Optical Time-Stretch Microscopy	Materials Science and Engineering	Poster Presentation	Michael Bockstaller Wean Commons-1st Floor, Connan side	Materials Science and ... 10:00 am - 12:00 pm
Wurman, Chaya ChemE Car New Member Car SURG	Chemical Engineering	Poster Presentation	Michael Domach Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Xiao, William Designing an Anytime Multi-Heuristic A* Search Algorithm	Computer Science	SCS Independent Study (Poster Presentation only)	Maxim Likhachev Wiegand Gymnasium - SCS Independent Study	Robotics Institute 12-2:30 pm
Xie, Yimin CMU Freshman Roommate Experience Survey	Statistics	Poster Presentation	Jared Murray Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Xu, Qiyang Template Selection for Photometric Redshift Estimation	Statistics	Poster Presentation	Peter Freeman Kirr Commons-1st Floor, Window side	Statistics 3-5 pm
Xu, Zheng Atlas: Self-Driving Buggy	Electrical & Computer Engineering	Poster Presentation	David Kosbie Hoch Commons-2nd Floor, Rangos side	Computer Science 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Yadav, Rohan Exploring Practical Parallelism in Standard ML	Computer Science	SCS Independent Study (Poster Presentation only)	Umut Acar Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Yang, Benjamin Modified Inhaler Adapter	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Yang, Jamie Know Nuts Point of Care Peanut Allergen Detector	Biological Sciences	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Yang, Jamie Sustained Neural Processing in Affective Regions Predicts Efficacy of a Computer-based Intervention Targeting Attentional Patterns in Transdiagnostic Clinical Anxiety	Biological Sciences	Poster Presentation	John Creswell Rangos 2 & 3	Psychology 10:00 am - 12:00 pm
Yang, Muyu Comparative Advantages of a Haplotype Vs. a Genotype Model for Reconstructing Cell Lineages from Tissue Variation Data	Science and Humanities Scholars	Poster Presentation	Russell Schwartz Hoch Commons-2nd Floor, Rangos side	Biological Sciences 12-2:30 pm
Yang, Shichen Identifying Donor Trends for the Pittsburgh Civic Light Opera	Statistics	Poster Presentation	Jordan Rodu Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Yang, Yi Professional Communication in Computer Science	Mathematical Sciences	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 12-2:30 pm
Ye, Andrew Vision Augmented Localization using Vector maps (VALV)	Physics	Poster Presentation	William Whittaker Rangos 2 & 3	Robotics Institute 10:00 am - 12:00 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Yee, Grace TiP207 Exhibiting Reversible Insertion of Sodium Ions in Aqueous Electrolyte	Materials Science and Engineering	Poster Presentation	Jay Whitacre Rangos 1	Materials Science and ... 12-2:30 pm
Yee, Grace TiP207 Exhibiting Reversible Insertion of Sodium Ions in Aqueous Electrolyte	Materials Science and Engineering	Poster Presentation	Jay Whitacre Rangos 2 & 3	Materials Science and ... 10:00 am - 12:00 pm
Yeung, Keith Keith Maverick.Com 2.0	Computer Science and Arts	Oral Presentation	M. Stephanie Murray Peter	Humanities and Arts 3-3:20 pm
Yeung, Keith Professional Communication in Computer Science	Computer Science and Arts	Writing for the Professions	Daniel Dickson-Laprade Lee Lobby Hallway	English 12-2:30 pm
Yokum, Elliot CMU IDeATe Game Design - [BLANK] Studios	Music	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Yoo, Sungwoon Student Perceptions of Safety on South Neville Street	Business Administration	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Yoon, Hyunho Statistical Learning Across Modalities and Its Basis in Memory	Science and Humanities Scholars	Poster Presentation	Erik Thiessen Wean Commons-1st Floor, Connan side	Psychology 12-2:30 pm
Yoon, Nicole Young Girl: An Exploration through Paintings of the Young Girl as Object	Humanities and Arts	Oral Presentation	Carrie Hagan Pake	Humanities and Arts 12:20-12:40 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Yu, Boyao Skyline	Mechanical Engineering	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Yu, Xingjian Implications of Negative Swap Spread	Computational Finance	Poster Presentation	William Hrusa Rangos 2 & 3	Mathematical Sciences 10:00 am - 12:00 pm
Yuan, Yiwen Design of a Hierarchical Structured Algorithm in Robot Soccer	Computer Science	SCS Independent Study (Poster Presentation only)	Manuela Veloso Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Zarate, Carolina Using Machine Learning for Malvertising Detection	Computer Science	SCS Independent Study (Poster Presentation only)	Vyas Sekar Wiegand Gymnasium - SCS Independent Study	Electrical & Computer ... 12-2:30 pm
Zbarsky, Samuel Energy Decay in a Fluid with a Free Boundary	Mathematical Sciences	Poster Presentation	Ian Tice Kirr Commons-1st Floor, Window side	Mathematical Sciences 3-5 pm
Zemering, Lauren Bayer Shield	Design	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Zhang, Anna Designing a Leakproof Injector Spike for Contrast Media Transfer in CT/MRI Suites	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Zhang, Anna Fruit-Derived Permeation Enhancement of the Intestinal Epithelium for Improved Oral Drug Delivery	Chemical Engineering	Poster Presentation	Kathryn Whitehead Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 10:00 am - 12:00 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Zhang, Anna Fruit-Derived Permeation Enhancement of the Intestinal Epithelium for Improved Oral Drug Delivery: Crude Extracts	Chemical Engineering	Poster Presentation	Kathryn Whitehead Rangos 1	Chemical Engineering 12-2:30 pm
Zhang, James Analysis of Quadcopter Design for Top Speeds	Mechanical Engineering	Poster Presentation	Koushil Sreenath Wean Commons-1st Floor, Connan side	Mechanical Engineering 12-2:30 pm
Zhang, Jean Atlas: Self-Driving Buggy	Mechanical Engineering	Poster Presentation	David Kosbie Hoch Commons-2nd Floor, Rangos side	Computer Science 12-2:30 pm
Zhang, Jean Real Life Angry Birds	Mechanical Engineering	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Zhang, Oliver Amphibious Rescue Craft	Mechanical Engineering	Poster Presentation	Nathan Michael Hoch Commons-2nd Floor, Rangos side	Robotics Institute 10:00 am - 12:00 pm
Zhang, Yilin UROP at Aachen University - Characterization of hollow fiber reinforced thermoplastic composites (FRTC)	Materials Science and Engineering	Poster Presentation	Robert Heard Kirr Commons-1st Floor, Window side	Materials Science and ... 12-2:30 pm
Zhang, Zheng Catalyst Design: A Quest for Ultrastable TAML Activators Applicable in Water Treatment	Chemistry	Poster Presentation	Terrence Collins Rangos 2 & 3	Chemistry 10:00 am - 12:00 pm
Zhao, Adrian TWYST - A Biosanitizing Unit for Developing Countries	Biomedical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Zhao, Biqi Developing a Medication Assistance Device to Reduce Noncompliance With Prescription Medication (MedBot2Go)	Electrical & Computer Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Zhao, Yan A Statistical Look at Neural Firing Patterns	Economics and Statistics	Poster Presentation	Jordan Rodu Rangos 2 & 3	Statistics 10:00 am - 12:00 pm
Zheng, Catherine Lunar Gala 2017: Designing Experiences, Processes, and Systems	Humanities and Arts	Oral Presentation	M. Stephanie Murray McKenna	Humanities and Arts 3:20-3:40 pm
Zhou, Emily "Silk and Stone": Merging Ancient China and Ancient Rome in 3D Game Environments Using Generative Scripts and 3D Sculpting	Computer Science and Arts	Visual Arts	M. Stephanie Murray Connan	Humanities and Arts 12-2:30 pm
Zhou, Runtian Distributed CO	Computer Science	SCS Independent Study (Poster Presentation only)	Frank Pfenning Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Zhou, Yisu Implications of Negative Swap Spread	Computational Finance	Poster Presentation	William Hrusa Rangos 2 & 3	Mathematical Sciences 10:00 am - 12:00 pm
Zhu, Eric Music Composition using Variational Autoencoders	Computer Science	SCS Independent Study (Poster Presentation only)	Taylor Berg-Kirkpatrick Wiegand Gymnasium - SCS Independent Study	Language Technologies ... 12-2:30 pm
Zimmer, Jake Flying UFO Toy	Electrical & Computer Engineering	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Zois, Jaclyn Success in Undergraduates Project	Biology and Psychology	Poster Presentation	John Creswell Kirr Commons-1st Floor, Window side	Psychology 12-2:30 pm
Zuo, Tangrui ICRA 2016: Advancing and Updating the Stand-Alone Braille Tutor	Mechanical Engineering	Poster Presentation	Mary Bernardine Dias Kirr Commons-1st Floor, Window side	Robotics Institute 3-5 pm

TOTAL STUDENTS: 650