

2018 Meeting of the Minds

Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Abe, Masahiro Best Goods for Charities in Grocery Stores	Physics	Poster Presentation	Robin Mejia Kirr Commons-1st Floor, Window side	Statistics 10:00 am - 12:00 pm
Adams, Haili Utilization of Polymer Based Protein Engineering and ATRP to Modulate Substrate Size Specificity of Avidin	Biological Sciences	Poster Presentation	Amber Lucas Wean Commons-1st Floor, Connan side	Biological Sciences 3-5 pm
Adetola, Olanrewaju Oga: A Fashion Film	Humanities and Arts	Visual Arts	Connan	12-2:30 pm
Adkins, Sara Creating with the Machine: Interactive Algorithmic Composition in Live Performance	Computer Science and Arts	Oral Presentation	M. Stephanie Murray Class of '87	Humanities and Arts 1:20-1:40 pm
Ahmed, Amna Synthesis of Metformin Prodrugs	Chemistry	Poster Presentation	Bruce Armitage Kirr Commons-1st Floor, Window side	Chemistry 10:00 am - 12:00 pm
Akompong, Kwadwo Usage of Simulation Software in Industry	Mechanical Engineering	Poster Presentation	Kenji Shimada Rangos 1	Mechanical Engineering 3-5 pm
Albergo, Emily Engineers Without Borders: Urban Agriculture	General CIT	Poster Presentation	Kelvin Gregory Hoch Commons-2nd Floor, Rangos side	Civil and Environmenta... 3-5 pm
Almasi, Rebeka Attentional Bias Toward Face-like Configurations in Archer Fish Indicates Subcortical Involvement	Science and Humanities Scholars	Poster Presentation	Marlene Behrmann Wean Commons-1st Floor, Connan side	Psychology 10:00 am - 12:00 pm

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Almasi, Rebeka Monocular Facilitation Implicates Subcortical Involvement in Holistic Processing of Faces	Science and Humanities Scholars	Oral Presentation	Marlene Behrmann Wright	Psychology 1:00-1:20 pm
Anand, Alaina The effect of module size and spacers on heat transfer in membrane distillation	Chemical Engineering	Oral Presentation	Meagan Mauter Peter	Chemical Engineering 10:00 am
Anderson, Madeleine LaryngEZscope	Biomedical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Anderson, Melanie Turning the Tables	CFA Interdisciplinary	Visual Arts	Yasufumi Iwasaki Connan	Modern Languages 3-5 pm
Ang, Nicole An "Exergame" Intervention to Aid Inhibitory Control Development in Preschool Children	Information Systems	Visual Arts	Cassandra Eng Connan	Psychology 3-5 pm
Ang, Nicole FORGE In-Home Mentor Experience Survey	Information Systems	Poster Presentation	Robin Mejia Wean Commons-1st Floor, Connan side	Statistics 10:00 am - 12:00 pm
Ang, Nicole Optimizing Data Collection and Assessment of Inhibitory Control in Preschool Children	Information Systems	Visual Arts	Cassandra Eng Connan	Psychology 3-5 pm
Anjur, Kalpa An "Exergame" Intervention to Aid Inhibitory Control Development in Preschool Children	Computer Science	Visual Arts	Cassandra Eng Connan	Psychology 3-5 pm

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Annaldasula, Siddharth Convergent Evolution of Vocal Learning in Mammals	Computational Biology	Poster Presentation	Andreas Pfenning Rangos 2&3/Sigma Xi Group 2	Computational Biology 10:40 am
Asenjo, Ian Martyrdom and Genocide: Understanding 1984 India Through Artistic Representation	Ethics, History & Public Policy	Poster Presentation	Nico Slate Kirr Commons-1st Floor, Window side	History 3-5 pm
Asthana, Ruchi Development of a Pipeline to Differentiate Between Primary Metastatic and Non-metastatic Tumor Phenotypes	Biological Sciences	Poster Presentation	Russell Schwartz Rangos 2&3/Sigma Xi Group 7	Biological Sciences 10:10 am
Atal, Apeksha Imposters	Biological Sciences	Oral Presentation	Jane Bernstein Dowd	English 2-2:20 pm
Au, Katherine A New Standard in Radiation Protection Gear	Materials Science and Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Avery, Hannah BME Design: Bayer Drip	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Bahl, Vivaan Bayer-MedRad CT Contrast Injector Tablet	Electrical & Computer Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Baikovitz, Alexander In-Sight: Tension-Based Haptic Feedback to Improve Mobility and Navigation for Blind People	Mechanical Engineering	Poster Presentation	Henny Admoni Kirr Commons-1st Floor, Window side	Robotics 12-2:30 pm

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Bajaj, Palak Improved Clot Aspiration for Ischemic Stroke - Team Carovac	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Bajaj, Sarika IDeATe Projection Installation	Student-Defined Major CIT	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Balakrishnan, Gaurav Investigation of the Graphene Surface and Electrical Properties after Non-Covalent Modifications with Self-Assembling Peptides	Materials Science and Engineering	Poster Presentation	Itzhaq Cohen-Karni Rangos 2&3/Sigma Xi Group 4	Materials Science and ... 11:40 am
Bankole, Mobolaji Electric Vehicle Technology on a Personal and Sustainable Scale	Electrical & Computer Engineering	Poster Presentation	William Nace Wean Commons-1st Floor, Connan side	Electrical & Computer ... 12-2:30 pm
Baratt, David 53-471 Game Design Project	General CIT	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Barbosa, Efrain Urban Traveling Mates: Leveraging Rocker-Bogie in Low Cost Mobile Robots	Mechanical Engineering	Poster Presentation	Jeremy Michalek Wean Commons-1st Floor, Connan side	Mechanical Engineering 12-2:30 pm
Becker, Timothy Representations and Complexity of Abelian Automaton Groups	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Klaus Sutner Danforth Conference Room	Computer Science 3:40-4:00 pm
Begur, Gaurav Development of an Affordable Oxygen Concentrator for Low Resource Settings	Biological Sciences	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm

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Beideman, Calvin Approximating Densest k-Subhypergraph	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Ryan O'Donnell Danforth Conference Room	Computer Science 12:20-12:40 pm
Bezbaruah, Riddhiman Design and Fabrication of Mechanical Testing Apparatus for Additively Manufactured Microscale 3D Samples	Mechanical Engineering	Poster Presentation	Rahul Panat Hoch Commons-2nd Floor, Rangos side	Mechanical Engineering 3-5 pm
Bhatt, Umang Intelligent Pothole Detection and Road Condition Assessment - Percepsense	Electrical & Computer Engineering	Poster Presentation	Jeremy Kolter Rangos 2&3/Sigma Xi Group 6	Computer Science 10:25 am
Bittner, Jacob HEX	Dietrich College Interdisciplinary	IDEATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Bleimeister, Isabel No specific role for the superior colliculus in subcortical numerosity processing	Psychology	Oral Presentation	Marlene Behrmann Wright	Psychology 1:40-2:00 pm
Bolig, Samuel Analysis of National Hockey League Injuries	Economics and Statistics	Poster Presentation	Nynke Niezink Kirr Commons-1st Floor, Window side	Statistics 3-5 pm
Bostanci, Can Approximations to Generalized Facility Location problems.	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Anupam Gupta Danforth Conference Room	Computer Science 1:20-1:40 pm
Bowen, Matthew The Sprague-Grundy Function for Some Selective Compound Games	Mathematical Sciences	Poster Presentation	Wesley Pegden Hoch Commons-2nd Floor, Rangos side	Mathematical Sciences 3-5 pm

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Brackelmanns-Puig, Katja Circumventing the limits of current Lithium ion batteries	Mechanical Engineering	Poster Presentation	Venkatasubramanian Viswanathan Hoch Commons-2nd Floor, Rangos side	Mechanical Engineering 12-2:30 pm
Bradley, Jeffrey Old and New TAML Catalyzed Degradation of Safranin O	Chemistry	Poster Presentation	Terrence Collins Kirr Commons-1st Floor, Window side	Chemistry 12-2:30 pm
Bregna, Kathryn Adenosine A2A receptor expression in mitochondria: Implications for Parkinson's Disease	Biological Sciences	Poster Presentation	Rangos 2&3/Sigma Xi Group 1	10:10 am
Breze, Cameron Improved Clot Aspiration for Ischemic Stroke - Team Carovac	CIT Interdisciplinary	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Brosnahan, William The Dylan Play	Drama	Performing Arts	Megan Rivas McConomy Auditorium	Drama 11:00 am
Broude, Emily Enigma: How It Works	Mechanical Engineering	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Brown, Clayton Determining Solar Motion via Gaia Astrometric Solutions	Physics	Poster Presentation	Matthew Walker Rangos 2&3/Sigma Xi Group 4	Physics 10:55 am
Brown, Jordan Securing Database-Backed Web Applications Through Lightweight, Automated Verification	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Jean Yang Danforth Conference Room	Computer Science 11-11:20 am

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Brown, Joshua Comps-it Opera	Humanities and Arts	Oral Presentation	M. Stephanie Murray Class of '87	Humanities and Arts 1:00-1:20 pm
Burns, Jonathan In-Sight: Tension-Based Haptic Feedback to Improve Mobility and Navigation for Blind People	Computer Science	Poster Presentation	Henny Admoni Kirr Commons-1st Floor, Window side	Robotics 12-2:30 pm
Busatto, Katherine The Dylan Play	Drama	Performing Arts	Megan Rivas McConomy Auditorium	Drama 11:00 am
Byun, Doyee Computational Method of Visualizing Microstructure Data	Physics	Poster Presentation	Robert Suter Rangos 2&3/Sigma Xi Group 4	Physics 10:40 am
Cabana, Christina Development of a Tool for Cell-type and Location Specific Photoablation	Science and Humanities Scholars	Poster Presentation	Marcel Bruchez Rangos 2&3/Sigma Xi Group 3	Chemistry 11:40 am
Calkosz, Dominic An "Exergame" Intervention to Aid Inhibitory Control Development in Preschool Children	Computer Science	Visual Arts	Cassandra Eng Connan	Psychology 3-5 pm
Calkosz, Dominic Optimizing Data Collection and Assessment of Inhibitory Control in Preschool Children	Computer Science	Visual Arts	Cassandra Eng Connan	Psychology 3-5 pm
Cantos, Monica Drug-Eluting Polyanhydride Fibers in Thoracic Artificial Lung Model	Biological Sciences	Poster Presentation	Keith Cook Hoch Commons-2nd Floor, Rangos side	Biomedical Engineering 10:00 am - 12:00 pm

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Cao, Anjie Naturalness Preference in Infancy: Beyond the Scope of Speech	Psychology	Oral Presentation	Erik Thiessen Dowd	Psychology 4:20-4:40 pm
Carter, Kamal Mobile Robot: Outdoor Line Following	Mechanical Engineering	Poster Presentation	Mark Bedillion Wean Commons-1st Floor, Connan side	Mechanical Engineering 10:00 am - 12:00 pm
Carvalho, Emily Surfactant Self-Assembly in Nonpolar Solutions	Chemical Engineering	Oral Presentation	James Schneider Peter	Chemical Engineering 9:45 am
Castellana, Nicholas An Android's Dream of Dancing Sheep	Computer Science and Arts	Oral Presentation	M. Stephanie Murray Class of '87	Humanities and Arts 12-12:20 pm
Cedillo, Ana Pittsburgh to Paris: Reducing the Carbon Footprint of Carnegie Mellon	Mechanical Engineering	Poster Presentation	Edward Rubin Kirr Commons-1st Floor, Window side	Engineering and Public... 10:00 am - 12:00 pm
Cha, Ji Eun Attitudes Toward Sorority Formal Membership Recruitment Among CMU Undergraduate Students	Statistics	Poster Presentation	Robin Mejia Hoch Commons-2nd Floor, Rangos side	Statistics 10:00 am - 12:00 pm
Chaiyapatranun, Gunn Chinoiseries Lunar Gala 2018	Architecture	Visual Arts	Eddy Man Kim Wiegand Gymnasium	Architecture 12-2:30 pm
Chandra, Anagha BME Design: Bayer Drip	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
Chang, Stacy Overview of Summer 2017 Buncher Entrepreneurship Study Abroad Experience	Materials Science and Engineering	Poster Presentation	Kirr Commons-1st Floor, Window side	12-2:30 pm
Chen, Cheng Rapid Prototyping of Computer Systems - Scoliosis Brace: Sensors and Mobile Device	CIT Interdisciplinary	Poster Presentation	Hoch Commons-2nd Floor, Rangos side	Electrical & Computer ... 3-5 pm
Chen, Emily Assessing the performance of the false discovery rate procedure in detecting cointegrated stock pairs	Statistics	Poster Presentation	Nynke Niezink Kirr Commons-1st Floor, Window side	Statistics 10:00 am - 12:00 pm
Chen, Leslie Pulmonary Drug Delivery with Perfluorocarbon Emulsions and Antibacterial Perfluorocarbon Ventilation in a Rat Model	Biology and Psychology	Poster Presentation	Keith Cook Rangos 2&3/Sigma Xi Group 5	Biomedical Engineering 11:25 am
Chen, Lu Optimal Investment in Market	Computer Science	Poster Presentation	William Hrusa Rangos 2&3/Sigma Xi Group 7	Mathematical Sciences 10:55 am
Chen, Minghan Dynamical Mass Measurement of The Coma Cluster Using Machine Learning	Physics	Poster Presentation	Hy Trac Rangos 2&3/Sigma Xi Group 4	Physics 10:25 am
Chen, Nathalie Repression of Ect2 induces cytokinesis failure and decreases heart muscle cell proliferation in congenital heart disease	Biological Sciences	Poster Presentation	Jason D'Antonio Rangos 2&3/Sigma Xi Group 1	Biological Sciences 10:40 am
Chen, Sophie VR and AR consumer experience UBDS and Reality Computing collaboration.	Drama	IDeATe Presentation	John Folan Studio Theater	Architecture 12-2:30 pm

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Chen, Tina Game	Business Administration	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Chen, Zizhuo Utility Optimization in the Agency Problem	Computational Finance	Poster Presentation	William Hrusa Hoch Commons-2nd Floor, Rangos side	Mathematical Sciences 3-5 pm
Cheng, Odelia The Effect of Microbiota on D. melanogaster Response to Heat Shock	Science and Arts	Poster Presentation	Brooke McCartney Rangos 1	Biological Sciences 3-5 pm
Cheon, Nana Descent: Gender, Art, and Anthropology	Humanities and Arts	Visual Arts	Shawn Alfonso-Wells Wiegand Gymnasium	History 12-2:30 pm
Choi, Bo Kyung Online Shopping Patterns of Carnegie Mellon University Undergraduate Students	Statistics	Poster Presentation	Robin Mejia Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Choi, Chris Pipe Crawling Activity Measurement System (PCAMS) Camera Assembly Design	Computer Science	SCS Independent Study (Poster Presentation only)	William Whittaker Wiegand Gymnasium - SCS Independent Study	Robotics Institute 12-2:30 pm
Choi, Jae Eun Attitudes Toward Sorority Formal Membership Recruitment Among CMU Undergraduate Students	Science and Humanities Scholars	Poster Presentation	Robin Mejia Hoch Commons-2nd Floor, Rangos side	Statistics 10:00 am - 12:00 pm
Choy, Kayu FORGE In-Home Mentor Experience Survey	Statistics	Poster Presentation	Robin Mejia Wean Commons-1st Floor, Connan side	Statistics 10:00 am - 12:00 pm

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Chung, Priscilla Design and Optimization of a Zinc-Iodine Flow Battery	General CIT	Poster Presentation	James Schneider Kirr Commons-1st Floor, Window side	Chemical Engineering 10:00 am - 12:00 pm
Chung, Priscilla U-boat battleship	General CIT	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Cohen, Eliana Modular Vision Sensor for Fast Moving Localization	General CIT	Poster Presentation	Howie Choset Hoch Commons-2nd Floor, Rangos side	Robotics Institute 12-2:30 pm
Cohen, Eliana The Human Encoding Machine	General CIT	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Cohen, Jacob Predicting the Lyman-Alpha Intensity Mapping Capabilities of SphereX	Physics	Poster Presentation	Rupert Croft Hoch Commons-2nd Floor, Rangos side	Physics 3-5 pm
Coker, Michael 53-471 Game Design Project	Computer Science	IDEATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Colarusso, Jonathan The Arab Military Disaster: Assessing the Causes for the 1967 Arab Defeat	History	Oral Presentation	Laurie Eisenberg Dowd	History 3:20-3:40 pm
Conduff, Andrew U-boat battleship	Electrical & Computer Engineering	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm

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Coolbaugh, Eric An Examination of Region Risk Premia for Automotive Securitization Participants	Economics	Oral Presentation	Alexey Kushnir Dowd	Economics 12:40-1:00 pm
Cooperman, William Simple construction of quadratically many equiangular lines	Mathematical Sciences	Oral Presentation	Boris Bukh Dowd	Mathematical Sciences 1:00-1:20 pm
Cortez, Christopher Safety Harness Optimization	Mechanical Engineering	Poster Presentation	Kenji Shimada Rangos 1	Mechanical Engineering 3-5 pm
Cote, Timothy Characterization of Thin-Film Gallium Oxide (Ga ₂ O ₃) and Development of a Solar-Blind UV Photodetector Device	Materials Science and Engineering	Oral Presentation	Lisa Porter Peter	Materials Science and ... 10:15 am
Crnkovich, James Improving Digital Route-Finding for Cyclists Through User-Driven Heuristics	Civil and Environmental Engineering	Oral Presentation	Zhen Qian Dowd	Civil and Environmenta... 9:30 am
Crouch, William Manipulating Perceptions of Communal Coping: Impact on Affect and Support Outcomes	Biological Sciences	Poster Presentation	Vicki Helgeson Rangos 2&3/Sigma Xi Group 7	Psychology 11:25 am
Crumley, Anne Attitudes Toward Sorority Formal Membership Recruitment Among CMU Undergraduate Students	CFA Interdisciplinary	Poster Presentation	Robin Mejia Hoch Commons-2nd Floor, Rangos side	Statistics 10:00 am - 12:00 pm
Crumley, Anne Surprise Attacks and Military Outcome: Comparisons between Pearl Harbor, 1941 and the 1967 Six Day War	CFA Interdisciplinary	Oral Presentation	Laurie Eisenberg Pake	History 3-3:20 pm

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Curda, Stephen The Dylan Play	Drama	Performing Arts	Megan Rivas McConomy Auditorium	Drama 11:00 am
Cutlip, John FORGE In-Home Mentor Experience Survey	Business Administration	Poster Presentation	Robin Mejia Wean Commons-1st Floor, Connan side	Statistics 10:00 am - 12:00 pm
Danon, Kenan Evaluating Mechanical Properties of Fly Ash-Based Geopolymer Concrete	Civil and Environmental Engineering	Poster Presentation	Sarah Christian Rangos 1	Civil and Environmenta... 3-5 pm
Darr, Kevin Applied Algorithms in Music	Humanities and Arts	Visual Arts	M. Stephanie Murray Connan	Humanities and Arts 12-2:30 pm
Darreff, Brandon Chroma: A Plexiglass Collection	Architecture	Visual Arts	Jeremy Ficca Wiegand Gymnasium	Architecture 12-2:30 pm
Dave, Kushal Caffeine Consumption Habits of CMU Uundergraduates	Statistics	Poster Presentation	Robin Mejia Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Dawson, Kyanna The Balance of Powers: The Federal Court System and the Presidency	Institute for Politics and Strategy	Oral Presentation	Geoffrey McGovern Pake	Institute for Politics... 3:20-3:40 pm
de Boor, Corwin Scheduling Parallelizable Jobs with Multiple Speedup Functions	Computer Science	SCS Independent Study (Poster Presentation only)	Mor Harchol-Balter Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm

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De Buck, Pieter Development of a Formula SAE Aerodynamics Package using Three Dimensional Computational Fluid Dynamics and Novel Manufacturing Methods	Mechanical Engineering	Poster Presentation	Satbir Singh Hoch Commons-2nd Floor, Rangos side	Mechanical Engineering 10:00 am - 12:00 pm
Del Bosque, Adrian State Debt Crises: Examining The Relationship Between Debt Maturity and Risk	Economics	Poster Presentation	Ariel Zetlin-Jones Wean Commons-1st Floor, Connan side	Economics 3-5 pm
Delaunay, Celine 53-471 Game Design Project	Statistics	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Delgado, Francisco A New Standard in Radiation Protection Gear	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Delgado, Francisco IMPROVING the FUNCTION of THORACIC ARTIFICIAL LUNGS	Chemical Engineering	Poster Presentation	Keith Cook Rangos 2&3/Sigma Xi Group 5	Biomedical Engineering 10:10 am
Deng, Xinze Interactive Enigma Plugboard	Electrical & Computer Engineering	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Dennerlein, Preston Best Goods for Charities in Grocery Stores	Economics	Poster Presentation	Robin Mejia Kirr Commons-1st Floor, Window side	Statistics 10:00 am - 12:00 pm
Desantola, Evan Constructing a Playable Map for use in Simulating Redistricting Protocols	Computer Science	SCS Independent Study (Poster Presentation only)	Ariel Procaccia Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm

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Desmornes, Nicholas CFD Analysis of Creviced Pistons for Vortex Containment in Rapid Compression and Expansion Machines	Mechanical Engineering	Oral Presentation	Satbir Singh McKenna	Mechanical Engineering 9:00 am
Dhabalia, Karan MessageOnTap	Electrical & Computer Engineering	Oral Presentation	Jason Hong Dowd	Human Computer Interac... 9:00 am
DiDonato, Anthony Musical Mischief: Does exposure to music effect our cognitive reflection?	Humanities and Arts	Oral Presentation	M. Stephanie Murray Class of '87	Humanities and Arts 3:20-3:40 pm
Dijour, Dean IDEATA game design	Dietrich College Interdisciplinary	IDEATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Dinerman, Jonathan Game	English	IDEATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Domingo, Nathalie Improving Introductory Robotics Education	Electrical & Computer Engineering	Poster Presentation	Howie Choset Hoch Commons-2nd Floor, Rangos side	Robotics Institute 10:00 am - 12:00 pm
Dominick, Marissa The Role of Alpha-Synuclein in Functional Deficits After Experimental TBI	Psychology	Poster Presentation	Daniel Brasier Wean Commons-1st Floor, Connan side	Biological Sciences 3-5 pm
Dong, Allysa Measuring Use of Carnegie Mellon Shared Spaces	Economics and Statistics	Poster Presentation	Robin Mejia Hoch Commons-2nd Floor, Rangos side	Statistics 3-5 pm

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Dong, Mike Prototyping a Novel Device for Low Volume and Rapid Electroelution of Nucleic Acids	Chemistry	Poster Presentation	Subha Das Rangos 1	Chemistry 3-5 pm
Donohue, Eliza What Did Pittsburgh Know About Kristallnacht?	Social & Decision Sciences	Oral Presentation	Steven Schlossman Dowd	History 12:20-12:40 pm
Donovan, Ian 2018 Society of Actuaries Case Competition - Bellagos Redevelopment of Long Term Care Insurance Program	Chemical Engineering	Poster Presentation	Peter Freeman Wean Commons-1st Floor, Connan side	Statistics 10:00 am - 12:00 pm
Donovan, Ian Diffusion Potential Across a Porous Membrane with Various Electrolyte Solutions	Chemical Engineering	Oral Presentation	Dennis Prieve Wright	Chemical Engineering 11:15 am
Drucker, Nathan Superconducting Resonators for Hybrid Spin Qubit and cQED Architectures	Materials Science and Engineering	Poster Presentation	Benjamin Hunt Rangos 2&3/Sigma Xi Group 4	Physics 11:25 am
Duan, Mingjun Turing Test for Childlike Chatbot	Psychology	Poster Presentation	Kenneth Kotovsky Hoch Commons-2nd Floor, Rangos side	Psychology 12-2:30 pm
Duffy, Jonathan In-Sight: Tension-Based Haptic Feedback to Improve Mobility and Navigation for Blind People	Electrical & Computer Engineering	Poster Presentation	Henny Admoni Kirr Commons-1st Floor, Window side	Robotics 12-2:30 pm
Dunnison, Spencer An Exploration of Music's Effect on Emotion and Pain: A Senior Recital	Humanities and Arts	Oral Presentation	M. Stephanie Murray Class of '87	Humanities and Arts 4:20-4:40 pm

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Dunnison, Spencer The Effects of Mindfulness Training on Resting-State Activity and Functional Connectivity of the Insula	Humanities and Arts	Poster Presentation	John Creswell Wean Commons-1st Floor, Connan side	Psychology 12-2:30 pm
Dutta, Puja Targeting ppGalNac-T3 to Block Migration and Invasiveness of Cancer Cells	Biological Sciences	Poster Presentation	Adam Linstedt Rangos 2&3/Sigma Xi Group 1	Biological Sciences 11:10 am
Ebert, Breeanna Prototype of a Musically Embedded Game	Computer Science and Arts	IDeATe Presentation	Roger Dannenberg Studio Theater	Computer Science 12-2:30 pm
Eddy, Caleb Caffeine Consumption Habits of CMU Uundergraduates	Statistics	Poster Presentation	Robin Mejia Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Eddy, Caleb The Semantic Replacement Effect in Auditory and Visual Short Term Memorization Tasks for Word Lists	Statistics	Poster Presentation	Sarah Haigh Kirr Commons-1st Floor, Window side	Psychology 12-2:30 pm
Ekambaram, Vinay Designing a "Store and Create" Microfluidic Device	Mechanical Engineering	Poster Presentation	Ryan Sullivan Rangos 2&3/Sigma Xi Group 6	Chemistry 11:40 am
Eltaeb, Mohamed Using Endothelial Cells to Enhance Vascularization of Engineered Cardiac Tissues	MCS Interdisciplinary	Poster Presentation	Adam Feinberg Rangos 1	Materials Science and ... 3-5 pm
Eng, Amanda Kube-Cam: Observing Cluster Based Deployments	Computer Science	SCS Independent Study (Poster Presentation only)	Majd Sakr Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm

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Eristoff, Sophia Polydopamine adhesives for drug delivery systems	Biomedical Engineering	Poster Presentation	Christopher Bettinger Rangos 1	Materials Science and ... 3-5 pm
Fan, Weihang Random Generation of DAG workloads for scheduler testing	Computer Science	SCS Independent Study (Poster Presentation only)	Greg Ganger Wiegand Gymnasium - SCS Independent Study	Electrical & Computer ... 12-2:30 pm
Fang, Chi Predicting Delay in Freight Transportation Through Socioeconomic Events	Statistics	Poster Presentation	Rebecca Nugent Kirr Commons-1st Floor, Window side	Statistics 10:00 am - 12:00 pm
Fang, Colleen Exploration of Deferred Acceptance from School-Side Perspective in New York City's Public High School Admissions Process	Economics	Oral Presentation	Onur Kesten Peter	Economics 3:20-3:40 pm
Fang, Mengying Engineers Without Borders: Energy Solutions for Nyadire, Zimbabwe	Mechanical Engineering	Poster Presentation	Kelvin Gregory Wean Commons-1st Floor, Connan side	Civil and Environmenta... 3-5 pm
Fang, Yanhaomin The Crux of Nanoscale Device for Diabetic Patients -- Chirality of LLysine-modified PNA	Chemistry	Poster Presentation	Catalina Achim Rangos 1	Chemistry 3-5 pm
Farino, Vayda Paces	Chemical Engineering	Visual Arts	Paolo Pedercini Wiegand Gymnasium	Art 12-2:30 pm
Farney, Rhiannon Pittsburgh to Paris: Reducing the Carbon Footprint of Carnegie Mellon	Mechanical Engineering	Poster Presentation	Edward Rubin Kirr Commons-1st Floor, Window side	Engineering and Public... 10:00 am - 12:00 pm

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Feldgoise, Jacob Testing the range and accuracy of Ultra Wideband (UWB) devices for UAV localization applications.	Social & Decision Sciences	Poster Presentation	Kirr Commons-1st Floor, Window side	12-2:30 pm
Feldmann, Axel Performance Impact of Transparent Hugepage Policies on zsim	Computer Science	SCS Independent Study (Poster Presentation only)	Nathan Beckmann Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Feng, Victoria Enigma Project – Cryptography	Mechanical Engineering	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Ferebee, Rebecca The Dylan Play	Drama	Performing Arts	Megan Rivas McConomy Auditorium	Drama 11:00 am
Fernandez, Eloy Antibacterial Activity of Photocatalytic Nanomaterials Embedded in Fabrics	Chemical Engineering	Poster Presentation	Kris Dahl Wean Commons-1st Floor, Connan side	Chemical Engineering 3-5 pm
Fernandez, Manuel Sampling Complexity of Approximate Algorithms to Kernel Methods	Computer Science	SCS Independent Study (Poster Presentation only)	David Woodruff Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Foster, Brandon IMPROVING the FUNCTION of THORACIC ARTIFICIAL LUNGS	Science and Arts	Poster Presentation	Keith Cook Rangos 2&3/Sigma Xi Group 5	Biomedical Engineering 10:10 am
Frazier, Grayson Computational Method of Visualizing Microstructure Data	Science and Humanities Scholars	Poster Presentation	Robert Suter Rangos 2&3/Sigma Xi Group 4	Physics 10:40 am

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Fu, Yuanyuan Improved Clot Aspiration for Ischemic Stroke - Team Carovac	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Fuhrman, Matthew Dimension-Based Statistical Learning in the Auditory System	Psychology	Poster Presentation	Lori Holt Rangos 1	Psychology 3-5 pm
Gadh, Varun Urban Traveling Mates: Leveraging Rocker-Bogie in Low Cost Mobile Robots	Mechanical Engineering	Poster Presentation	Jeremy Michalek Wean Commons-1st Floor, Connan side	Mechanical Engineering 12-2:30 pm
Gakhar, Sunny Traveling Salesman Problem under Stability Considerations	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Anupam Gupta Danforth Conference Room	Computer Science 1:40-2:00 pm
Galdamez, Cathy Galaxy Emission Lines and Their Relationship to Morphology	Statistics	Poster Presentation	Peter Freeman Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Ganas, Christopher Behavior Based Malware Classification through Machine Learning	Computer Science	SCS Independent Study (Poster Presentation only)	Jose Morales Wiegand Gymnasium - SCS Independent Study	Software Engineering 12-2:30 pm
Ganatra, Keya Battery Powered Car with Syringe Based Stopping Mechanism	Chemical Engineering	Poster Presentation	James Schneider Kirr Commons-1st Floor, Window side	Chemical Engineering 3-5 pm
Ganjur, Neeti Developing Anonymization Pipeline of Human-Human Conversational Dataset:	Electrical & Computer Engineering	SCS Independent Study (Poster Presentation only)	Yoichi Matsuyama Wiegand Gymnasium - SCS Independent Study	Language Technologies ... 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Gao, Angela Positional Stabilizer for Image Guided Spine Surgery	Electrical & Computer Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Gao, Mingyang Order Size Impact on Prices of Securities	Mathematical Sciences	Poster Presentation	William Hrusa Hoch Commons-2nd Floor, Rangos side	Mathematical Sciences 10:00 am - 12:00 pm
Gao, Serena Order Size Impact on Prices of Securities	MCS Interdisciplinary	Poster Presentation	William Hrusa Hoch Commons-2nd Floor, Rangos side	Mathematical Sciences 10:00 am - 12:00 pm
Garvey, Joseph Biophysical Interaction of Glutathione-S-Transferase A1-1 (GST) and S-Hexyl Glutathione (GSH)	Biological Sciences	Poster Presentation	Frederick Lanni Rangos 2&3/Sigma Xi Group 3	Biological Sciences 10:40 am
Ge, Eileen Len(s)wiper	Biomedical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Gibli, Joseph Measuring Use of Carnegie Mellon Shared Spaces	Statistics	Poster Presentation	Robin Mejia Hoch Commons-2nd Floor, Rangos side	Statistics 3-5 pm
Gibli, Joseph Network Analytic Approach To Modeling International Refugee Movement	Statistics	Oral Presentation	Kathleen Carley Pake	Institute for Software... 12:20-12:40 pm
Golcer, Stanley Caffeine Consumption Habits of CMU Uundergraduates	Economics	Poster Presentation	Robin Mejia 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
Golcer, Stanley State Debt Crises: Examining The Relationship Between Debt Maturity and Risk	Economics	Poster Presentation	Ariel Zetlin-Jones Wean Commons-1st Floor, Connan side	Economics 3-5 pm
Gomez, Rachel Sociality, Food, and Belonging: Living with Type 1 Diabetes in Today's Spain	History	Oral Presentation	John Soluri Pake	History 1:00-1:20 pm
Gong, Felicity Mixed-Integer Nonlinear Decomposition Toolbox for Pyomo (MindtPy)	Chemical Engineering	Oral Presentation	Ignacio Grossmann Wright	Chemical Engineering 10:00 am
Gong, Jason Biocomposits research	Civil and Environmental Engineering	Poster Presentation	Sarah Christian Rangos 1	Civil and Environmenta... 3-5 pm
Gonzales-Tapley, Theodore Engineers Without Borders: Urban Agriculture	Civil and Environmental Engineering	Poster Presentation	Kelvin Gregory Hoch Commons-2nd Floor, Rangos side	Civil and Environmenta... 3-5 pm
Gordon, David Infectious Overlay	Computer Science and Arts	Oral Presentation	M. Stephanie Murray Class of '87	Humanities and Arts 2-2:20 pm
Gouveia, Brendon LIMBO	Design	IDEATe Presentation	John Dessler Studio Theater	Entertainment Technolo... 12-2:30 pm
Gratzer, Daniel The Next 700 Failed Step-Index-Free Logical Relations	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Karl Crary Danforth Conference Room	Computer Science 4:40-5:00 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Grayson, Emily Measuring Use of Carnegie Mellon Shared Spaces	Statistics	Poster Presentation	Robin Mejia Hoch Commons-2nd Floor, Rangos side	Statistics 3-5 pm
Griswold, Ian Proteomic Changes in Drosophila Brain as a Result of Wolbachia Infection	Computational Biology	Poster Presentation	Jonathan Minden Rangos 1	Biological Sciences 3-5 pm
Gu, Richard Deriving Behavior Graphs from Untutored Data	Computer Science	SCS Independent Study (Poster Presentation only)	Jonathan Sewall Wiegand Gymnasium - SCS Independent Study	Human Computer Interac... 12-2:30 pm
Guo, Annette Storytelling with Machines	Mechanical Engineering	IDeATe Presentation	Shraddha Joshi Studio Theater	Materials Science and ... 12-2:30 pm
Guo, Grace Sentiment Analysis of Instagram images	Psychology	Poster Presentation	Jason Hong Wean Commons-1st Floor, Connan side	Human Computer Interac... 10:00 am - 12:00 pm
Guo, Xinhui Index Fund Construction with PCA and Factor Model	Mathematical Sciences	Poster Presentation	David Handron Kirr Commons-1st Floor, Window side	Mathematical Sciences 3-5 pm
Guo, Yuzhi Utility Optimization in the Agency Problem	Mathematical Sciences	Poster Presentation	William Hrusa Hoch Commons-2nd Floor, Rangos side	Mathematical Sciences 3-5 pm
Gupta, Nikolas Compliant Sidewinding in a Modular Snake Robot	General CIT	Poster Presentation	Guillaume Sartoretti Rangos 1	Robotics Institute 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Gupta, Nikolas Drones for Agricultural Monitoring	General CIT	Poster Presentation	Mel Siegel Wean Commons-1st Floor, Connan side	Robotics Institute 10:00 am - 12:00 pm
Gupta, Tushita Improving the Performance of Snore Detection by Synchronizing Breathing and Audio Signals	Electrical & Computer Engineering	Oral Presentation	Kenji Shimada Peter	Mechanical Engineering 9:00 am
Gupta, Tushita Smartphone-Based Endoscope Visualization Solution	Electrical & Computer Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Ha, Daniel Acoustic Dampening System	Civil and Environmental Engineering	Poster Presentation	James Thompson Wean Commons-1st Floor, Connan side	Civil and Environmenta... 12-2:30 pm
Habbab, Tala Drug-Eluting Polyanhydride Fibers in Thoracic Artificial Lung Model	Biomedical Engineering	Poster Presentation	Keith Cook Hoch Commons-2nd Floor, Rangos side	Biomedical Engineering 10:00 am - 12:00 pm
Haber, Stephanie Pittsburgh's Oddities	English	Visual Arts	Sharon Dilworth Connan	English 3-5 pm
Halpern, Sophie Method to Detect the Presence or Absence of an Extracellular Matrix Barrier in Candida albicans Biofilms	Biological Sciences	Poster Presentation	Frederick Lanni Rangos 1	Biological Sciences 3-5 pm
Han, Aisha Internal Exile: A Detailed Study on the Uyghurs and Chinese Governance in Xinjiang	Humanities and Arts	Visual Arts	M. Stephanie Murray Connan	Humanities and Arts 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Han, Kailai Correlating Exercise with Stress Levels in CMU Undergraduates	Economics and Statistics	Oral Presentation	Robin Mejia Dowd	Statistics 1:40-2:00 pm
Han, Melody 2018 Society of Actuaries Case Competition - Bellagos Redevelopment of Long Term Care Insurance Program	Statistics	Poster Presentation	Peter Freeman Wean Commons-1st Floor, Connan side	Statistics 10:00 am - 12:00 pm
Han, Yue Study of Penicillamine, Propylene Oxide and Gold Nanoparticles Using Infrared Spectroscopy	Chemical Engineering	Poster Presentation	Nisha Shukla Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Hanson, Kathryn Regulation of F1 ATPase Epsilon Subunit During Aging and Oxidative Stress	Science and Humanities Scholars	Poster Presentation	A. Javier Lopez Rangos 2&3/Sigma Xi Group 2	Biological Sciences 10:55 am
Hao, Brandon Measuring Use of Carnegie Mellon Shared Spaces	Business Administration	Poster Presentation	Robin Mejia Hoch Commons-2nd Floor, Rangos side	Statistics 3-5 pm
Hargett, Sarah Battery Powered Car with Syringe Based Stopping Mechanism	Chemical Engineering	Poster Presentation	James Schneider Kirr Commons-1st Floor, Window side	Chemical Engineering 3-5 pm
Harris, Ian Analysis of Compton Polarimetry Data from Spring and Fall 2016 at Jefferson Lab	Physics	Poster Presentation	Juan Carlos Cornejo Rangos 2&3/Sigma Xi Group 4	Physics 10:10 am
Havanur, Apoorva Impact of Social Networks on Buying Behavior	Statistics	Oral Presentation	Maryam Saeedi Pake	Economics 3:40-4:00 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
He, Shuailin Building and Calibrating a Binomial Asset Pricing Model to Reflect Market Data	Mathematical Sciences	Poster Presentation	David Handron Wean Commons-1st Floor, Connan side	Mathematical Sciences 10:00 am - 12:00 pm
He, Yixin Forewing, Hindwing	Art	Visual Arts	Andrew Johnson Connan	Art 12-2:30 pm
Healy, Edward Ischemic Stroke Clot Aspirator	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Hecht, Benjamin Linguistics Of Humor: Optimality Theory Applied to Comedy Through the Years	Linguistics	Poster Presentation	Thomas Werner Hoch Commons-2nd Floor, Rangos side	Philosophy 10:00 am - 12:00 pm
Hepner, Ella The Space Between/ Lo que nos separa	Humanities and Arts	Visual Arts	Therese Tardio Connan	Modern Languages 3-5 pm
Hepner, Ella Tied to, Breaking From, Connected Still	Humanities and Arts	Visual Arts	M. Stephanie Murray Connan	Humanities and Arts 3-5 pm
Heragu, Prakruthi Deepak Rapid Prototyping of Computer Systems - Scoliosis Brace: Backend Database	Electrical & Computer Engineering	Poster Presentation	Asim Smailagic Hoch Commons-2nd Floor, Rangos side	Electrical & Computer ... 3-5 pm
Hermans, Caroline Sending Love through Wearable Technology	Electrical & Computer Engineering	Visual Arts	M. Stephanie Murray Connan	Humanities and Arts 3-5 pm

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Hezarkhani, Arya Bayer-MedRad CT Contrast Injector Tablet	Electrical & Computer Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Ho, Jeffrey Analysis of National Hockey League Injuries	Statistics	Poster Presentation	Nynke Niezink Kirr Commons-1st Floor, Window side	Statistics 3-5 pm
Ho, Samantha Enigma Mechanical Interface Replicator	Design	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Hoane, Alexis New TAML 1 Catalyzed Degradation of Safranin O	Chemistry	Poster Presentation	Terrence Collins Rangos 1	Chemistry 3-5 pm
Hochstedler, Kimberly Relation of Pronoun Use to Relationship and Health Outcomes: A Meta-Analytic Review	Science and Humanities Scholars	Poster Presentation	Vicki Helgeson Kirr Commons-1st Floor, Window side	Psychology 3-5 pm
Hochstedler, Kimberly Self-Disclosure among Emerging Adults with Depression and/or Anxiety	Science and Humanities Scholars	Oral Presentation	Vicki Helgeson Wright	Psychology 12:40-1:00 pm
Hodge, Alan LaryngEZscope	Biomedical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Hoebing, Marshall Enigma: How It Works	Mechanical 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
Hofstee, Teguh Automatically Scheduling Image Processing Algorithms on FPGAs	Electrical & Computer Engineering	Oral Presentation	Kayvon Fatahalian Dowd	Computer Science 10:15 am
Hogenson, Raymond Expected length of the longest common subsequence between overlapping words	Mathematical Sciences	Oral Presentation	Boris Bukh Peter	Mathematical Sciences 3-3:20 pm
Hong, Jong Woo Market Aware Proactive Skill Posting in Referral Networks	Computer Science	SCS Independent Study (Poster Presentation only)	Jaime Carbonell Wiegand Gymnasium - SCS Independent Study	Language Technologies ... 12-2:30 pm
Hong, Natalie A new method and instrument for automated protein extraction in DIGE gels	Biomedical Engineering	Oral Presentation	Jonathan Minden Wright	Biological Sciences 9:45 am
Hong, Natalie Ischemic Stroke Clot Aspirator	Biomedical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Honnungar, Shruti Rapid Prototyping of Computer Systems - Scoliosis Brace: Backend Database	Electrical & Computer Engineering	Poster Presentation	Asim Smailagic Hoch Commons-2nd Floor, Rangos side	Electrical & Computer ... 3-5 pm
Houston, Jenna Pass the Butter + A Scale of 1 to 10	Humanities and Arts	Visual Arts	Ross Mantle Connan	CFA Interdisciplinary 12-2:30 pm
Howard, Zaria I'm a black artist and machine learning engineer.	Humanities and Arts	Oral Presentation	M. Stephanie Murray Peter	Humanities and Arts 2-2:20 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Hsia, Tiffany An Analysis of the Effects of Time and Dosage on Genipin Crosslinking of Fibrin Gels	Chemical Engineering	Oral Presentation	Christopher Bettinger Peter	Materials Science and ... 9:30 am
Hsia, Tiffany Effect of Genipin Presence on In Vitro Aneurysm Rheology	Chemical Engineering	Poster Presentation	Christopher Bettinger Rangos 2&3/Sigma Xi Group 3	Materials Science and ... 10:55 am
Huan, Ran Security Pricing in Incomplete Models: From A Utility Indifference Perspective	Mathematical Sciences	Poster Presentation	William Hrusa Rangos 1	Mathematical Sciences 3-5 pm
Huang, Anni Utility Optimization in the Agency Problem	Business Administration	Poster Presentation	William Hrusa Hoch Commons-2nd Floor, Rangos side	Mathematical Sciences 3-5 pm
Huang, Leo Bento Bot - A smart reading list manager for your web browser	Computer Science	SCS Independent Study (Poster Presentation only)	Aniket Kittur Wiegand Gymnasium - SCS Independent Study	Human Computer Interac... 12-2:30 pm
Huang, Michael Incorporating Image Blurriness in Visual Stabilization Algorithms for Walking Robots	Computer Science	SCS Independent Study (Poster Presentation only)	Guillaume Sartoretti Wiegand Gymnasium - SCS Independent Study	Robotics Institute 12-2:30 pm
Huang, Sam Fairytale Showdown	Statistics	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Huang, Shuangni Use interface for Socially-Aware Conversational Agent in Information Desk Scenario	Humanities and Arts	SCS Independent Study (Poster Presentation only)	Yoichi Matsuyama Wiegand Gymnasium - SCS Independent Study	Language Technologies ... 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Huang, Xiao Designing a sensor-based feedback and training system to support professional development for higher education instructors	Information Systems	Poster Presentation	Amy Ogan Rangos 1	Human Computer Interac... 3-5 pm
Huddleston, Grace Empowering Refugee High School Students Through Photography	Humanities and Arts	Poster Presentation	Nico Slate Hoch Commons-2nd Floor, Rangos side	History 12-2:30 pm
Hudock, Brianna LIMBO	Psychology	IDeATe Presentation	John Dessler Studio Theater	Entertainment Technolo... 12-2:30 pm
Hudock, Brianna The Invisible	Psychology	IDeATe Presentation	John Dessler Studio Theater	Entertainment Technolo... 12-2:30 pm
Hugh Sam, Simone Bayer: Ultra-Low Cost Power Injector	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Hugh Sam, Simone Copper and Nitric Oxide as Antibacterial Agents in an Artificial Lung Setting	Chemical Engineering	Poster Presentation	Keith Cook Rangos 1	Biomedical Engineering 3-5 pm
Hwang, Christopher Freshman CMU Student Communication Habits with Their Parents	Statistics	Poster Presentation	Robin Mejia Hoch Commons-2nd Floor, Rangos side	Statistics 10:00 am - 12:00 pm
Hwang, Yeongwoo Decision Tree and Fourier Complexity of Boolean Functions	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Ryan O'Donnell Danforth Conference Room	Computer Science 12:40-1:00 pm

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Ifemembi, Brent Generation of In Silico Nanoclusters	Chemical Engineering	Poster Presentation	Chrysanthos Gounaris Wean Commons-1st Floor, Connan side	Chemical Engineering 12-2:30 pm
Ifemembi, Brent In Vitro Blood Biocompatibility Study	Chemical Engineering	Poster Presentation	Keith Cook Wean Commons-1st Floor, Connan side	Biomedical Engineering 12-2:30 pm
Ifemembi, Brent O2U: A Low Cost Oxygen Concentrator	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Igbokwe, Julianne Red Pitaya Interface to Improve High Speed Measurements of Magnetic Tunnel Junctions	Mechanical Engineering	Poster Presentation	Sara Majetich Rangos 2&3/Sigma Xi Group 4	Physics 11:10 am
Imola, Jacob Automatic Algorithmic Choice for Differential Privacy	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Jean Yang Danforth Conference Room	Computer Science 10:40-11:00 am
Islam-Hashmi, Zain Chroma: A Plexiglass Collection	Architecture	Visual Arts	Jeremy Ficca Wiegand Gymnasium	Architecture 12-2:30 pm
Iyer, Rahul Satisfaction Levels of Student TAs.	Economics and Statistics	Poster Presentation	Robin Mejia Hoch Commons-2nd Floor, Rangos side	Statistics 10:00 am - 12:00 pm
Jain, Mayank Improving Usability and Scalability of SyMonster	Computer Science	SCS Independent Study (Poster Presentation only)	Ruben Carlos Goncalves Martins Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
James, Amber Adolescent Pregnancy in Latinas in Guatemala and the United States: A Comparative Study	English	Oral Presentation	Shawn Alfonso-Wells Dowd	History 3-3:20 pm
James, Amber Copper and Nitric Oxide as Antibacterial Agents in an Artificial Lung Setting	English	Poster Presentation	Keith Cook Rangos 1	Biomedical Engineering 3-5 pm
James, Amber Local Connections, Global Reach: Non-Profit Communication Strategies for Engaging and Retaining College Student Volunteers for Global Sustainability Efforts	English	Oral Presentation	Necia Werner Peter	English 1:40-2:00 pm
Jang, JunSu Exploring Material Sensing using Wi-Fi for Safer Autonomous Driving	Electrical & Computer Engineering	Oral Presentation	Swarun Kumar Suresh Kumar Peter	Electrical & Computer ... 10:30 am
Jang, Youhyun Does Automation Spell Decimation? Automation Risk of American Cities	Humanities and Arts	Poster Presentation	Ariel Zetlin-Jones Kirr Commons-1st Floor, Window side	Economics 10:00 am - 12:00 pm
Jang, Youhyun Stories Behind the Prices of Art Works	Humanities and Arts	Oral Presentation	M. Stephanie Murray Class of '87	Humanities and Arts 4-4:20 pm
Javed, Irina Investigating the Relationship Between Photometric Redshift and Galaxy Properties	Statistics	Poster Presentation	Peter Freeman Hoch Commons-2nd Floor, Rangos side	Statistics 3-5 pm
Jhin, Chanel Smartphone-Based Endoscope Visualization Solution	Biomedical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm

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Jiang, Shuli Buncher Award presentation	Computer Science	Poster Presentation	Hoch Commons-2nd Floor, Rangos side	10:00 am - 12:00 pm
Jiang, Shuli Reuse of database configuration knobs across versions	Computer Science	SCS Independent Study (Poster Presentation only)	Andy Pavlo Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Jianthanakanon, Korrawat Freshman CMU Student Communication Habits with Their Parents	Dietrich College Interdisciplinary	Poster Presentation	Robin Mejia Hoch Commons-2nd Floor, Rangos side	Statistics 10:00 am - 12:00 pm
Jin, Hong Rapid Prototyping of Computer Systems - Scoliosis Brace: Sensors and Mobile Device	Mechanical Engineering	Poster Presentation	Asim Smailagic Hoch Commons-2nd Floor, Rangos side	Electrical & Computer ... 3-5 pm
Jin, Lingbo Bayer-MedRad CT Contrast Injector Tablet	Electrical & Computer Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Jin, Lingbo Enabling Ultra-High Frequency Ultrasound Vascular Segmentation and Tracking with a Customized Kalman Filter	Electrical & Computer Engineering	Oral Presentation	John Galeotti Peter	Robotics Institute 11:15 am
Jin, Wenzong Cryptocurrencies: An Economic Perspective	Economics and Mathematical Sciences	Oral Presentation	Ariel Zetlin-Jones Peter	Economics 1:00-1:20 pm
Jin, Yudi Predicting Delay in Freight Transportation Through Socioeconomic Events	Statistics	Poster Presentation	Rebecca Nugent Kirr Commons-1st Floor, Window side	Statistics 10:00 am - 12:00 pm

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Johnson, Sadie Fairytale Showdown	Modern Languages	IDEATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Jones, Rachel Paces	Business Administration	Visual Arts	Paolo Pedercini Wiegand Gymnasium	Art 12-2:30 pm
Joo, Taigyu Water Activity Dependence of Oxygen Evolution Reaction Catalysts and Carbon Corrosion of Reversal Tolerant Fuel Cell Anodes during Hydrogen Starvation Conditions	Chemical Engineering	Oral Presentation	Shawn Litster Dowd	Mechanical Engineering 10:30 am
Joshi, Maitreyee Retinal Prosthetics: Restoring Sight to the Blind Using Computer Vision	Computer Science	Poster Presentation	Martial Hebert Rangos 2&3/Sigma Xi Group 5	Robotics Institute 10:55 am
Joshi, Maitreyee Retinal Prosthetics: Restoring Sight to the Blind Using Computer Vision	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Martial Hebert Danforth Conference Room	Robotics Institute 2-2:20 pm
Joshi, Suraj Single-Cell Sequencing Phylogenies	Biological Sciences	Poster Presentation	Russell Schwartz Kirr Commons-1st Floor, Window side	Biological Sciences 3-5 pm
Juang, Zoeanne 2018 Society of Actuaries Case Competition - Bellagos Redevelopment of Long Term Care Insurance Program	Statistics	Poster Presentation	Peter Freeman Wean Commons-1st Floor, Connan side	Statistics 10:00 am - 12:00 pm
Jue, Jessica The Phosphorylation of Serine 176 in Human Kinesin-1 That Is Upregulated in Huntington's Disease Does Not Inhibit Fast Axonal Transport	Biological Sciences	Poster Presentation	David Hackney Kirr Commons-1st Floor, Window side	Biological Sciences 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Jurgens, Sarah U-boat battleship	Mechanical Engineering	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Kaaret, Evan Background on TAMLs and NewTAML Oxidation Catalysts and Endocrine Disruption	Chemistry	Poster Presentation	Terrence Collins Wean Commons-1st Floor, Connan side	Chemistry 12-2:30 pm
Kaissar, Molly Improved Clot Aspiration for Ischemic Stroke - Team Carovac	Materials Science and Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Kaissar, Molly Material Considerations for Development of Alternative Cardiac Assist Devices	Materials Science and Engineering	Poster Presentation	Dennis Trumble Rangos 2&3/Sigma Xi Group 5	Biomedical Engineering 10:25 am
Kalkat, Samraj Drones for Agricultural Monitoring	General CIT	Poster Presentation	Mel Siegel Wean Commons-1st Floor, Connan side	Robotics Institute 10:00 am - 12:00 pm
Kanagawa, Kazumi AMZU	Design	Visual Arts	Wayne Chung Wiegand Gymnasium	Design 12-2:30 pm
Kancharla, Tanishq Active Magnetic Regeneration Refrigeration	Physics	Poster Presentation	Satbir Singh Rangos 2&3/Sigma Xi Group 6	Mechanical Engineering 11:25 am
Kang, Byung Koo Operating System Usage Among CMU Students	Economics	Poster Presentation	Robin Mejia Kirr Commons-1st Floor, Window side	Statistics 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Kang, Rebecca Precision Synthesis of Well-Defined Polymer Microspheres	Chemical Engineering	Poster Presentation	Hoch Commons-2nd Floor, Rangos side	12-2:30 pm
Kapate, Neha 2017 BMES Annual Meeting: Antibacterial Effects of Copper-PDMS Membranes for Artificial Lungs	Biomedical Engineering	Poster Presentation	Keith Cook Kirr Commons-1st Floor, Window side	Biomedical Engineering 10:00 am - 12:00 pm
Kapate, Neha Development of an Affordable Oxygen Concentrator for Low Resource Settings	Biomedical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Kapate, Neha Predicting the Pulmonary Delivery of Tobramycin Antibiotic via Perfluorocarbon Emulsions for Bacterial Respiratory Infections	Biomedical Engineering	Oral Presentation	Keith Cook McKenna	Biomedical Engineering 9:30 am
Karabin, Michelle Effect of Surfactants on Bacteria	Mechanical Engineering	Poster Presentation	Robert Tilton Rangos 1	Chemical Engineering 3-5 pm
Kartik, Akanksha Understanding Emergent Social Roles and Role Effectiveness in Crowdfunding Site Kiva	Mathematical Sciences	Poster Presentation	Diyi Yang Rangos 2&3/Sigma Xi Group 7	Language Technologies ... 10:40 am
Kasthuri Rangan, Sharath Rapid Prototyping of Computer Systems - Scoliosis Brace	Electrical & Computer Engineering	Poster Presentation	Asim Smailagic Hoch Commons-2nd Floor, Rangos side	Electrical & Computer ... 3-5 pm
Katiyar, Prerana The role of the retinoic acid pathway for tumor immunogenicity in IDH-mutant chondrosarcomas	Biological Sciences	Poster Presentation	Becki Campanaro Rangos 2&3/Sigma Xi Group 1	Biological Sciences 11:25 am

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Kaufman, Faith Dinner pARTy	Design	Poster Presentation	Bob Bingham Hoch Commons-2nd Floor, Rangos side	Art 12-2:30 pm
Kavanagh, Erin Development of an Analytical Method for Quantitative Investigation of Humine Formation in Aquatic and/or Organic Solvent Systems	Biological Sciences	Poster Presentation	Keith Cook Rangos 2&3/Sigma Xi Group 3	Biomedical Engineering 11:10 am
Kearney, Zeleena Bayer-MedRad CT Contrast Injector Tablet	Electrical & Computer Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Kearney, Zeleena Paces	Electrical & Computer Engineering	Visual Arts	Paolo Pedercini Wiegand Gymnasium	Art 12-2:30 pm
Kery, Joshua The Seamstress and the Tapestry	Art	Visual Arts	Echo Eggebrecht Connan	Humanities and Arts 12-2:30 pm
Khokhlov, Pavel Operating System Usage Among CMU Students	Statistics	Poster Presentation	Robin Mejia Kirr Commons-1st Floor, Window side	Statistics 3-5 pm
Khurana, Dhruv Making Quadruped Robots Interactive using Computer Vision	Computer Science	Poster Presentation	Aaron Johnson Kirr Commons-1st Floor, Window side	Mechanical Engineering 12-2:30 pm
Kiliccote, Serhan A new planar graph with lazy cop number greater than 3.	Mathematical Sciences	Poster Presentation	David Offner Hoch Commons-2nd Floor, Rangos side	Mathematical Sciences 10:00 am - 12:00 pm

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Kilinc, Ahmet Enigma Project – Cryptography	Electrical & Computer Engineering	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Kim, Dong Hun Positional Stabilizer for Image Guided Spine Surgery	Electrical & Computer Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Kim, Jae Yeon In Vitro Blood Biocompatibility Study	Chemical Engineering	Poster Presentation	Keith Cook Wean Commons-1st Floor, Connan side	Biomedical Engineering 12-2:30 pm
Kim, Jae Yeon In Vitro Blood Biocompatibility Study	Chemical Engineering	Oral Presentation	Keith Cook McKenna	Biomedical Engineering 9:45 am
Kim, Jae Yeon Smartphone-Based Endoscope Visualization Solution	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Kim, Joseph Acoustic Dampening System	Civil and Environmental Engineering	Poster Presentation	James Thompson Wean Commons-1st Floor, Connan side	Civil and Environmenta... 12-2:30 pm
Kim, Jun Hee CID Models on Real-world Social Networks and GOF Measurements	Statistics	Poster Presentation	Brian Junker Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Kim, Paul Ischemic Stroke Clot Aspirator	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
Kim, Taeuk Operating System Usage Among CMU Students	Economics	Poster Presentation	Robin Mejia Kirr Commons-1st Floor, Window side	Statistics 3-5 pm
Kim, Yong Hwan Comparison between the U.S. Health Insurance Systems and the Dutch: Does a Perfect Health Insurance Model Exist?	Economics	Poster Presentation	Martin Gaynor Hoch Commons-2nd Floor, Rangos side	Economics 3-5 pm
Kirschner, Matthew The Dylan Play	Drama	Performing Arts	Megan Rivas McConomy Auditorium	Drama 11:00 am
Kojiro, Logan Compliant Sidewinding in a Modular Snake Robot	Electrical & Computer Engineering	Poster Presentation	Guillaume Sartoretti Rangos 1	Robotics Institute 3-5 pm
Kong, Junhan StateLens: A Reverse Engineering Solution to Making Existing Dynamic Touchscreens Accessible	Computer Science	SCS Independent Study (Poster Presentation only)	Jeffrey Bigham Wiegand Gymnasium - SCS Independent Study	Human Computer Interac... 12-2:30 pm
Kontor, Morgan BME Design: Bayer Drip	Biomedical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Kovacs, Francis Predicting Delay in Freight Transportation Through Socioeconomic Events	Statistics	Poster Presentation	Rebecca Nugent Kirr Commons-1st Floor, Window side	Statistics 10:00 am - 12:00 pm
Kowalewski, Nina Studying Visual Acuity in Mice	Chemistry	Poster Presentation	Sandra Kuhlman Rangos 1	Biological Sciences 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Kozina, Valentina Improving Introductory Robotics Education	Computer Science	Poster Presentation	Howie Choset Hoch Commons-2nd Floor, Rangos side	Robotics Institute 10:00 am - 12:00 pm
Kozlosky, Keith Design and Optimization of a Zinc-Iodine Flow Battery	Materials Science and Engineering	Poster Presentation	James Schneider Kirr Commons-1st Floor, Window side	Chemical Engineering 10:00 am - 12:00 pm
Krakopolskaya, Ekaterina Proteomic Changes in Drosophila Brain as a Result of Wolbachia Infection	Biological Sciences	Poster Presentation	Jonathan Minden Rangos 1	Biological Sciences 3-5 pm
Kramkova, Alina Chroma: A Plexiglass Collection	Architecture	Visual Arts	Jeremy Ficca Wiegand Gymnasium	Architecture 12-2:30 pm
Kready, Hunter uORF Sequence Effect on Gene Expression	Science and Humanities Scholars	Poster Presentation	Charles McManus Rangos 2&3/Sigma Xi Group 2	Biological Sciences 11:10 am
Krucik, Scott Automatically Enforcing Information Flow Security with Dependency Injection	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Jean Yang Danforth Conference Room	Computer Science 10:20-10:40 am
Kubala, Matthew Direct Cardiac Compression Sleeve	Biomedical Engineering	Poster Presentation	Dennis Trumble Kirr Commons-1st Floor, Window side	Biomedical Engineering 3-5 pm
Kuehner, Kai 53-471 Game Design Project	Computer Science	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
Kumar, Hans Improving Introductory Robotics Education	Mechanical Engineering	Poster Presentation	Howie Choset Hoch Commons-2nd Floor, Rangos side	Robotics Institute 10:00 am - 12:00 pm
Kwan, Pui Qwen Maxine Measuring Social Success of Human-Agent Interactions	Electrical & Computer Engineering	SCS Independent Study (Poster Presentation only)	Florian Pecune Wiegand Gymnasium - SCS Independent Study	Language Technologies ... 12-2:30 pm
Kwang, Jennifer Synthesis and characterization of peptide nucleic acids containing ligands for creation of supramolecular assemblies with transition metal ions	Chemistry	Poster Presentation	Catalina Achim Kirr Commons-1st Floor, Window side	Chemistry 12-2:30 pm
Kwon, Eun Kyung CID Models on Real-world Social Networks and GOF Measurements	Psychology	Poster Presentation	Brian Junker Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Lam, Katie Development of a Formula SAE Aerodynamics Package using Three Dimensional Computational Fluid Dynamics and Novel Manufacturing Methods	Mechanical Engineering	Poster Presentation	Satbir Singh Hoch Commons-2nd Floor, Rangos side	Mechanical Engineering 10:00 am - 12:00 pm
Lam, Katie Improving Introductory Robotics Education	Mechanical Engineering	Poster Presentation	Howie Choset Hoch Commons-2nd Floor, Rangos side	Robotics Institute 10:00 am - 12:00 pm
Lam, Reena Meeting of the Minds	Biological Sciences	IDeATe Presentation	Elizabeth Larson Studio Theater	Design 12-2:30 pm
Laredo, Dalia Graphene-induced enhancement of water vapor barrier in polymer nanocomposites	Chemical Engineering	Poster Presentation	Wean Commons-1st Floor, Connan side	3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Larrick, Evan Free Path Sampling in Nanolabyrinths	Physics	Poster Presentation	Alan McGaughey Rangos 1	Mechanical Engineering 3-5 pm
Lau, Noel Engineers Without Borders- PET Thatch	Civil and Environmental Engineering	Poster Presentation	Rebecca Taylor Kirr Commons-1st Floor, Window side	Mechanical Engineering 3-5 pm
Lee, Aiden Pattern Recognition Research: EMG Data Analysis for Prosthesis Patients	Information Systems	Poster Presentation	Asim Smailagic Rangos 2&3/Sigma Xi Group 5	Electrical & Computer ... 10:40 am
Lee, Amber AMZU	Design	Visual Arts	Wayne Chung Wiegand Gymnasium	Design 12-2:30 pm
Lee, Christopher CMU ChemE Car Ethanol Fuel Combustion Car	Chemical Engineering	Poster Presentation	James Schneider Wean Commons-1st Floor, Connan side	Chemical Engineering 3-5 pm
Lee, Creson Design of a Self-Discriminating Nucleic Acid Platform for Targeting RNA Secondary Structures	Chemistry	Poster Presentation	Danith Ly Rangos 2&3/Sigma Xi Group 3	Chemistry 10:10 am
Lee, Daniel Stability of Centrality Measures in Complex Networks	Statistics	Poster Presentation	Katharine Anderson Wean Commons-1st Floor, Connan side	Economics 12-2:30 pm
Lee, Jinhee Game	Statistics	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
Lee, Richard War Plan Orange: A Look into the Strategy that the United States Utilized to Defeat Japan in the Pacific and Win World War II	History	Poster Presentation	Steven Schlossman Kirr Commons-1st Floor, Window side	History 10:00 am - 12:00 pm
Lee, Selina Paces	Art	Visual Arts	Paolo Pedercini Wiegand Gymnasium	Art 12-2:30 pm
Lee, Serena The Effect of Microbiota on D. melanogaster Response to Heat Shock	Biological Sciences	Poster Presentation	Brooke McCartney Rangos 1	Biological Sciences 3-5 pm
Lee, Sonia Positional Stabilizer for Image Guided Spine Surgery	Mechanical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Lee, Yeuk Yu Assessing Visual Inference and Its Role in the Data Analysis Pipeline	Statistics	Oral Presentation	Rebecca Nugent Dowd	Statistics 1:20-1:40 pm
Lee, Yujun Optimizing Data Collection and Assessment of Inhibitory Control in Preschool Children	Electrical & Computer Engineering	Visual Arts	Cassandra Eng Connan	Psychology 3-5 pm
Lee, Yun Jung Time dependent lubricant deformation using Monte Carlo simulation	Chemical Engineering	Poster Presentation	Myung Jhon Rangos 1	Chemical Engineering 3-5 pm
Legros, Marcel Diaspora Stories	Physics	Poster Presentation	Sharon Dilworth Wean Commons-1st Floor, Connan side	English 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Lessington, Symone VR and AR consumer experience UBDS and Reality Computing collaboration.	Student-Defined Major CMU	IDeATe Presentation	John Folan Studio Theater	Architecture 12-2:30 pm
Levine, Abigail Paces	Mathematical Sciences	Visual Arts	Paolo Pedercini Wiegand Gymnasium	Art 12-2:30 pm
Li, Ai Positional Stabilizer for Image Guided Spine Surgery	Electrical & Computer Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Li, Jieming Temporal dynamics of shape processing as revealed by two independent visual pathways	Psychology	Poster Presentation	Marlene Behrmann Rangos 1	Psychology 3-5 pm
Li, Jun Yang The effect of high aerodynamic drag tail on robot movement.	Mechanical Engineering	Oral Presentation	Aaron Johnson McKenna	Mechanical Engineering 10:30 am
Li, Lena Cinematic-Democracy: American Exceptionalism in Ridley Scott's The Martian	General Dietrich College	Oral Presentation	Gregory Laski Peter	English 3:40-4:00 pm
Li, Mengze Controlling Emotional Speech with Sliding Features	Computer Science	SCS Independent Study (Poster Presentation only)	Louis-Philippe Morency Wiegand Gymnasium - SCS Independent Study	Language Technologies ... 12-2:30 pm
Li, Rebecca The Effect of Microbiota on D. melanogaster Response to Heat Shock	Biology and Psychology	Poster Presentation	Brooke McCartney Rangos 1	Biological Sciences 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Li, Siying (Cathy) Post-Combustion Carbon Capture through Biphasic Absorbents	Chemical Engineering	Poster Presentation	John Kitchin Wean Commons-1st Floor, Connan side	Chemical Engineering 12-2:30 pm
Li, Tianyu Towards an Autonomous Database Management System	Computer Science	SCS Independent Study (Poster Presentation only)	Andy Pavlo Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Li, Velisa Pittsburgh to Paris: Reducing the Carbon Footprint of Carnegie Mellon	Chemical Engineering	Poster Presentation	Edward Rubin Kirr Commons-1st Floor, Window side	Engineering and Public... 10:00 am - 12:00 pm
Li, Vincent Utilization of Polymer Based Protein Engineering and ATRP to Modulate Substrate Size Specificity of Avidin	Biological Sciences	Poster Presentation	Amber Lucas Wean Commons-1st Floor, Connan side	Biological Sciences 3-5 pm
Li, Yucen Selecting Languages for Cross-Lingual Dependency Parsing	Computer Science	SCS Independent Study (Poster Presentation only)	Lori Levin Wiegand Gymnasium - SCS Independent Study	Language Technologies ... 12-2:30 pm
Li, Zhuoyang Reflection on Summer Study in Israel	Science and Humanities Scholars	Poster Presentation	Wean Commons-1st Floor, Connan side	10:00 am - 12:00 pm
Lim, Jae-Eun Visual Odometry for Bounding Legged Robots	Robotics	Oral Presentation	Aaron Johnson McKenna	Mechanical Engineering 10:45 am
Lim, Jasmine Landfill-Gas-to-Energy Feasibility and Analysis of Representative Electricity Generation Process	Engineering and Public Policy	Poster Presentation	Hari Mantripragada Rangos 1	Engineering and Public... 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Lin, Amy Art Therapy: Activity Book	CFA Interdisciplinary	Visual Arts	M. Stephanie Murray Connan	Humanities and Arts 12-2:30 pm
Lin, Kevin Synthesis and Mechanical Properties of High Molecular Weight PMMA	Chemistry	Poster Presentation	Krzysztof Matyjaszewski Rangos 2&3/Sigma Xi Group 3	Chemistry 11:25 am
Liu, Kaige Graphical Approach to Component Based Synthesis	Computer Science	SCS Independent Study (Poster Presentation only)	Ruben Carlos Goncalves Martins Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Liu, Ruoshu (Rosa) Jamaican Blue Mountain Coffee-Irregularities In Its Production and Price	Economics	Poster Presentation	Laurence Ales Rangos 2&3/Sigma Xi Group 7	Economics 11:10 am
Liu, Sicong Attempts to resolve the discrepancy between the theory and experiment for electrochemical impedance spectroscopy (EIS) analysis for nonpolar liquid doped with surfactant	Chemical Engineering	Oral Presentation	Dennis Prieve Wright	Chemical Engineering 11:30 am
Liu, William Studying the Real-World Energy and Performance of Modern DRAM Architectures	Psychology	Poster Presentation	Saugata Ghose Rangos 1	Electrical & Computer ... 3-5 pm
Lo, Ian Masking Pain from Injections with Haptic Primitives	Computer Science	SCS Independent Study (Poster Presentation only)	Arun Srivatsan Rangaprasad Wiegand Gymnasium - SCS Independent Study	Robotics 12-2:30 pm
Lore, John Correlating Exercise with Stress Levels in CMU Undergraduates	Electrical & Computer Engineering	Oral Presentation	Robin Mejia Dowd	Statistics 1:40-2:00 pm

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Lu, George Blockchians with Private Data Storage	Computer Science	SCS Independent Study (Poster Presentation only)	Vipul Goyal Wiegand Gymnasium - SCS Independent Study	Computer Science and Arts 12-2:30 pm
Lu, Marisa LineAR Wordplay: An Augmented Reality 3D Drawing Game	Design	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Lu, Shannon Determining the Proportion of Multiple Star Systems using APOGEE Radial Velocity Data	Information Systems	Poster Presentation	Peter Freeman Wean Commons-1st Floor, Connan side	Statistics 10:00 am - 12:00 pm
Lum, Stacey Mental Health Support at CMU	Economics and Statistics	Poster Presentation	Robin Mejia Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Luning Prak, Jeanne Case Studies for Web Application Verification	Computer Science	SCS Independent Study (Poster Presentation only)	Jean Yang Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Lusso, Santiago State Debt Crises: Examining The Relationship Between Debt Maturity and Risk	Economics	Poster Presentation	Ariel Zetlin-Jones Wean Commons-1st Floor, Connan side	Economics 3-5 pm
Lyster, Ripley Drones for Agricultural Monitoring	Electrical & Computer Engineering	Poster Presentation	Mel Siegel Wean Commons-1st Floor, Connan side	Robotics Institute 10:00 am - 12:00 pm
Madlansacay, Michelle Applying second-order correlation learning to infant word learning	Dietrich College Interdisciplinary	Poster Presentation	David Rakison Rangos 1	Psychology 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Majid, Zeyneb Looking Further into Communal Coping and its Effect on Health and Relationship Outcomes in Young Adults with Type 1 Diabetes in Romantic Relationships	Psychology	Oral Presentation	Vicki Helgeson Wright	Psychology 12:20-12:40 pm
Manaog, Christian Assessing the performance of the false discovery rate procedure in detecting cointegrated stock pairs	Statistics	Poster Presentation	Nynke Niezink Kirr Commons-1st Floor, Window side	Statistics 10:00 am - 12:00 pm
Mani, Shouvik Intelligent Pothole Detection and Road Condition Assessment - PercepSense	Statistics	Poster Presentation	Jeremy Kolter Rangos 2&3/Sigma Xi Group 6	Computer Science 10:25 am
Mapua, Ariana Opioid Epidemic in the US	Economics and Mathematical Sciences	Oral Presentation	Wright	2-2:20 pm
Marty, Lily Understanding Underlying Psychological Mechanisms in Complex Mate Selection	Social & Decision Sciences	Oral Presentation	David Rakison Peter	Psychology 12:40-1:00 pm
Masciopinto, Zachary Improving Introductory Robotics Education	Mechanical Engineering	Poster Presentation	Howie Choset Hoch Commons-2nd Floor, Rangos side	Robotics Institute 10:00 am - 12:00 pm
Mathai, Tejas Sudharshan Enabling Ultra-High Frequency Ultrasound Vascular Segmentation and Tracking with a Customized Kalman Filter	Robotics	Oral Presentation	John Galeotti Peter	Robotics Institute 11:15 am
Matis, Nicole Engineers Without Borders- PET Thatch	Chemical Engineering	Poster Presentation	Rebecca Taylor Kirr Commons-1st Floor, Window side	Mechanical Engineering 3-5 pm

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McCarthy, Isabel New Habitats	English	Oral Presentation	Lauren Shapiro Wright	English 1:20-1:40 pm
Mehta, Roshni Empowering Refugee High School Students Through Photography	General Dietrich College	Poster Presentation	Nico Slate Hoch Commons-2nd Floor, Rangos side	History 12-2:30 pm
Melean Aquino, Fernando Enigma Project – Cryptography	Mechanical Engineering	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Merrin, Jonathan LineAR Wordplay: An Augmented Reality 3D Drawing Game	Computer Science	IDEATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Mersman, Benjamin O2U: A Low Cost Oxygen Concentrator	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Miller, Joel Drones for Agricultural Monitoring	Chemical Engineering	Poster Presentation	Mel Siegel Wean Commons-1st Floor, Connan side	Robotics Institute 10:00 am - 12:00 pm
Miller, Laura Fairytale Showdown	Computer Science	IDEATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Min, Xuanyu An Analysis of the Effects of Time and Dosage on Genipin Crosslinking of Fibrin Gels	Materials Science and Engineering	Oral Presentation	Christopher Bettinger Peter	Materials Science and ... 9:30 am

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Misra, Sara Motion System for Confined Space Application and Inspections	Electrical & Computer Engineering	Poster Presentation	Howie Choset Rangos 2&3/Sigma Xi Group 6	Robotics Institute 10:40 am
Misra, Sara Stable Stair Climbing for a Hexapod Robot using Onboard Sensing	Electrical & Computer Engineering	Poster Presentation	Howie Choset Rangos 2&3/Sigma Xi Group 6	Robotics Institute 10:40 am
Mitta, Vinay Enigma Mechanical Interface Replicator	Mechanical Engineering	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Mohanty, Sidhanth Sum-of-Squares Refutation Threshold for Regular SORT_4 instances	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Ryan O'Donnell Danforth Conference Room	Computer Science 1:00-1:20 pm
Molitor, Emma Synthesis and Analysis of Surfactants in Nonpolar Solvents	Chemical Engineering	Poster Presentation	James Schneider Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 3-5 pm
Mondal, Antara Analysis of National Hockey League Injuries	Statistics	Poster Presentation	Nynke Niezink Kirr Commons-1st Floor, Window side	Statistics 3-5 pm
Moody, Diamond Effect of anti-Leishmania drugs on the structural and elastic properties of ultra-deformable lipid membranes	Physics	Poster Presentation	Stephanie Tristram-Nagle Rangos 2&3/Sigma Xi Group 2	Physics 11:25 am
Moody, Mark Alterations of Genome Rheology with Anticancer Therapies on Breast Cancer Cells	Chemical Engineering	Poster Presentation	Kris Dahl Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm

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Moon, Joyce Operating System Usage Among CMU Students	Statistics	Poster Presentation	Robin Mejia Kirr Commons-1st Floor, Window side	Statistics 3-5 pm
Morin, Caroline Bayer: Ultra-Low Cost Power Injector	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Morin, Caroline Tartan Ice Drilling System (TIDS) 2018 RASC-AL Special Edition: Mars Ice Challenge	Chemical Engineering	Poster Presentation	Aaron Johnson Rangos 2&3/Sigma Xi Group 6	Mechanical Engineering 11:10 am
Moy, Alexandra Materials Characterization of Novel Graphenic Materials	Materials Science and Engineering	Oral Presentation	Stefanie Sydlik Dowd	Chemistry 10:00 am
Mu, Rongbing IDEATA game design	Computer Science and Arts	IDEATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Muller, Christina Bayer: Ultra-Low Cost Power Injector	Materials Science and Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Muralles, Alexander Detecting Riboswitches and Attenuators in Pseudomonas aeruginosa	Biological Sciences	Poster Presentation	Charles McManus Rangos 1	Biological Sciences 3-5 pm
Murdock, Isabel Improving Introductory Robotics Education	Electrical & Computer Engineering	Poster Presentation	Howie Choset Hoch Commons-2nd Floor, Rangos side	Robotics Institute 10:00 am - 12:00 pm

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Murillo, Alejandro VR and AR consumer experience UBDS and Reality Computing collaboration.	Electrical & Computer Engineering	IDeATe Presentation	John Folan Studio Theater	Architecture 12-2:30 pm
Mustakos, Tatyana Storytelling with Machines	Art	IDeATe Presentation	Shraddha Joshi Studio Theater	Materials Science and ... 12-2:30 pm
Muyesser, Necati Alp Learning model-based strategies in simple environments with hierarchical q-networks	Mathematical Sciences	Poster Presentation	Timothy Verstynen Rangos 2&3/Sigma Xi Group 7	Psychology 10:25 am
Nanavati, Amal Speak Up: A Multi-Year Deployment of Games to Motivate Speech Therapy in India	Computer Science	Poster Presentation	Aaron Steinfeld Kirr Commons-1st Floor, Window side	Robotics Institute 10:00 am - 12:00 pm
Nandi, Shreya Online Shopping Patterns of Carnegie Mellon University Undergraduate Students	Economics and Statistics	Poster Presentation	Robin Mejia Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Napolitano, Julia Len(s)wiper	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Napolitano, Julia Study of Thrombosis in a Hollow Membrane Oxygenator using a Microfluidic Device	Chemical Engineering	Oral Presentation	Keith Cook McKenna	Biomedical Engineering 10:00 am
Napolitano, Julia Study of Thrombosis in a Hollow Membrane Oxygenator using a Microfluidic Device	Chemical Engineering	Poster Presentation	Keith Cook Rangos 2&3/Sigma Xi Group 5	Biomedical Engineering 11:40 am

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Narain, Anirudh Best Goods for Charities in Grocery Stores	Chemistry	Poster Presentation	Robin Mejia Kirr Commons-1st Floor, Window side	Statistics 10:00 am - 12:00 pm
Nasim, Rafae Assessing Pathways of Therapy-Induced Quiescence in Leiomyosarcomas	Biological Sciences	Poster Presentation	Becki Campanaro Rangos 2&3/Sigma Xi Group 1	Biological Sciences 11:40 am
Navarro-Gutierrez, Maria Uncommon Courage: Refugee Students Persisting in Higher Education	History	Oral Presentation	Necia Werner Peter	English 12:20-12:40 pm
Navjeevan, Manvindu Income Mobility in America	Economics	Oral Presentation	Laurence Ales Wright	Economics 3:40-4:00 pm
Naylor, Nathan The Enigma Rotor Mechanism Decoded	Mechanical Engineering	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Neiman, David Autonomous Driving Lab	Mathematical Sciences	Visual Arts	Howie Choset Connan	Robotics Institute 3-5 pm
Ngom, Amadou Developing better caching algorithms	Computer Science	SCS Independent Study (Poster Presentation only)	Rashmi Korlakai Vinayak Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Niu, Yue Automatic Resource Bound Analysis for Programs with Garbage Collection	Computer Science	Poster Presentation	Jan Hoffmann Kirr Commons-1st Floor, Window side	Computer Science 12-2:30 pm

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Noorani, Adnan Online Shopping Patterns of Carnegie Mellon University Undergraduate Students	Business Administration	Poster Presentation	Robin Mejia Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Nuxoll, Diya Improving Introductory Robotics Education	Mechanical Engineering	Poster Presentation	Howie Choset Hoch Commons-2nd Floor, Rangos side	Robotics Institute 10:00 am - 12:00 pm
Okamura, Malia Design and Optimization of a Zinc-Iodine Flow Battery	Materials Science and Engineering	Poster Presentation	James Schneider Kirr Commons-1st Floor, Window side	Chemical Engineering 10:00 am - 12:00 pm
Omori, Natsuha Study of Thrombosis in a Hollow Membrane Oxygenator using a Microfluidic Device	Biomedical Engineering	Oral Presentation	Keith Cook McKenna	Biomedical Engineering 10:00 am
Omori, Natsuha Study of Thrombosis in a Hollow Membrane Oxygenator using a Microfluidic Device	Biomedical Engineering	Poster Presentation	Keith Cook Rangos 2&3/Sigma Xi Group 5	Biomedical Engineering 11:40 am
Opiela, Gwendolyn Enigma: How It Works	Mechanical Engineering	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Orlowski, Jan HEX	Computer Science	IDEATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Orton-Urbina, Stefan LIMBO	General CIT	IDEATe Presentation	John Dessler Studio Theater	Entertainment Technolo... 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Osofsky, Everi Fine-grained Metadata Management Using Page Overlays	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Todd Mowry Danforth Conference Room	Computer Science 3-3:20 pm
Osofsky, Everi LineAR Wordplay: An Augmented Reality 3D Drawing Game	Computer Science	IDEATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Ou, Christina Engineers Without Borders: Energy Solutions for Nyadire, Zimbabwe	Electrical & Computer Engineering	Poster Presentation	Kelvin Gregory Wean Commons-1st Floor, Connan side	Civil and Environmenta... 3-5 pm
Pagliuca, Angelo Fairytale Showdown	Electrical & Computer Engineering	IDEATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Pagliuca, Angelo VR and AR consumer experience UBDS and Reality Computing collaboration.	Electrical & Computer Engineering	IDEATe Presentation	John Folan Studio Theater	Architecture 12-2:30 pm
Paivine, William Proprioceptive Robotic Gait Adaptation	Computer Science	Poster Presentation	Guillaume Sartoretti Hoch Commons-2nd Floor, Rangos side	Robotics Institute 12-2:30 pm
Pak, Peter Growth and Characterization of Gallium Oxide (Ga ₂ O ₃) through methods of Liquid Phase Epitaxy	Materials Science and Engineering	Poster Presentation	Lisa Porter Kirr Commons-1st Floor, Window side	Materials Science and ... 10:00 am - 12:00 pm
Palmieri, Grace Enigma: How It Works	Mechanical 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
Pan, Tianlei Using machine learning to speedup program synthesis of Java APIs	Computer Science	SCS Independent Study (Poster Presentation only)	Ruben Carlos Goncalves Martins Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Pan, Yue LIMBO	Architecture	IDeATe Presentation	John Dessler Studio Theater	Entertainment Technolo... 12-2:30 pm
Panda, Ashwin Genomic Analysis of Bacteriocin Expression in S. Thermophilus	Science and Humanities Scholars	Poster Presentation	Natalia Hiller Rangos 2&3/Sigma Xi Group 2	Biological Sciences 10:10 am
Pandya, Pooja 99-361 C: Storytelling with Machines	Chemistry	IDeATe Presentation	Shraddha Joshi Studio Theater	Materials Science and ... 12-2:30 pm
Parekh, Aakash Smartphone-Based Endoscope Visualization Solution	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Park, Eunsol Effect of Sensory Associative Learning on Parvalbumin Neuron Plasticity in the Barrel Cortex	Biological Sciences	Poster Presentation	Alison Barth Rangos 2&3/Sigma Xi Group 1	Biological Sciences 10:25 am
Parks, Emily Enhancing the Intestinal Permeability of Protein-Based Medications	Chemical Engineering	Oral Presentation	Kathryn Whitehead Dowd	Chemical Engineering 3:40-4:00 pm
Patel, Arushi Smartphone-Based Endoscope Visualization Solution	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
Patil, Pradnesh HEX	Entertainment Technology Pittsburgh	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Peck, Henry Using Virtual Reality Experiences and Games to Augment Pre-Prosthesis Training	Mechanical Engineering	Poster Presentation	Asim Smailagic Rangos 2&3/Sigma Xi Group 5	Electrical & Computer ... 11:10 am
Peet, Eric Enigma Mechanical Interface Replicator	General CIT	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Peltier, Alexander Active Magnetic Regeneration Refrigeration	Mechanical Engineering	Poster Presentation	Satbir Singh Rangos 2&3/Sigma Xi Group 6	Mechanical Engineering 11:25 am
Perez-Lozano, Gabriela Macrophage Response to Stiffness is Environment Dependent	Biomedical Engineering	Poster Presentation	Evemaria Mergner Hoch Commons-2nd Floor, Rangos side	Mechanical Engineering 12-2:30 pm
Persaud, Bria Proteomic Changes in Drosophila Brain as a Result of Wolbachia Infection	Biological Sciences	Poster Presentation	Jonathan Minden Rangos 1	Biological Sciences 3-5 pm
Persaud, Spencer Improving Introductory Robotics Education	Mechanical Engineering	Poster Presentation	Howie Choset Hoch Commons-2nd Floor, Rangos side	Robotics Institute 10:00 am - 12:00 pm
Petach, Dominique Regeneration of Endothelial Glycocalyx	Biomedical Engineering	Poster Presentation	Xi Ren Rangos 2&3/Sigma Xi Group 2	Biomedical Engineering 11:40 am

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Pickens, Joseph Optimal Inheritance Taxation Under Uncertainty and Tax Frictions	Economics and Mathematical Sciences	Oral Presentation	Laurence Ales Dowd	Economics 4-4:20 pm
Pierce, Benjamin Does Automation Spell Decimation? Automation Risk of American Cities	Economics	Poster Presentation	Ariel Zetlin-Jones Kirr Commons-1st Floor, Window side	Economics 10:00 am - 12:00 pm
Prakash, Nina Engineers Without Borders: Urban Agriculture	Mechanical Engineering	Poster Presentation	Kelvin Gregory Hoch Commons-2nd Floor, Rangos side	Civil and Environmenta... 3-5 pm
Pudlo, Megan Ischemic Stroke Clot Aspirator	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Pulivarthy, Rajitha VR and AR consumer experience UBDS and Reality Computing collaboration.	Computer Science	IDEATe Presentation	John Folan Studio Theater	Architecture 12-2:30 pm
Purcell, Kamari Attitudes Toward Sorority Formal Membership Recruitment Among CMU Undergraduate Students	Business Administration	Poster Presentation	Robin Mejia Hoch Commons-2nd Floor, Rangos side	Statistics 10:00 am - 12:00 pm
Puschmann, Jacqueline Military Coups and Civil Resistance: How Does Bloodiness Matter?	Institute for Politics and Strategy	Poster Presentation	John Chin Kirr Commons-1st Floor, Window side	Institute for Politics... 10:00 am - 12:00 pm
Qian, Lisa New-TAML 5 catalyzed Green Oxidative Degradation of Safranin-O	Chemistry	Poster Presentation	Terrence Collins Wean Commons-1st Floor, Connan side	Chemistry 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Qian, William Improving Natural Language Code Synthesis through learning from User Feedback	Electrical & Computer Engineering	Poster Presentation	Graham Neubig Rangos 1	Language Technologies ... 3-5 pm
Quasebarth, Madeline Reclaiming Self : A project focused on gender equality and wellness on CMU's campus	Humanities and Arts	Visual Arts	M. Stephanie Murray Connan	Humanities and Arts 3-5 pm
Ramamurthy, Vijay Zeus: Algorithmically Checking Equivalence of SML Programs	Computer Science	SCS Independent Study (Poster Presentation only)	Umut Acar Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Ramirez, Andres Bayer: Ultra-Low Cost Power Injector	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Ramsay, Lynnette FORGE In-Home Mentor Experience Survey	Humanities and Arts	Poster Presentation	Robin Mejia Wean Commons-1st Floor, Connan side	Statistics 10:00 am - 12:00 pm
Ranade, Himali Len(s)wiper	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Ranganeni, Vinitha Effective Footstep Planning for Humanoids Using Homotopy-Class Guidance	Information Systems	Poster Presentation	Maxim Likhachev Rangos 2&3/Sigma Xi Group 6	Robotics Institute 10:10 am
Ravishankar, Atulya One Channel To Rule them All: Spectrum Selection in Low-Power Wide-Area Networks	Electrical & Computer Engineering	Oral Presentation	Swarun Kumar Suresh Kumar Peter	Electrical & Computer ... 10:45 am

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Reibman, Benjamin Pressurized Cell Culture Observation Chamber	Mechanical Engineering	Poster Presentation	K Jimmy Hsia Hoch Commons-2nd Floor, Rangos side	Mechanical Engineering 10:00 am - 12:00 pm
Reilly, Kathryn Paces	Business Administration	Visual Arts	Paolo Pedercini Wiegand Gymnasium	Art 12-2:30 pm
Reolfi, Rachel Paces	Mechanical Engineering	Visual Arts	Paolo Pedercini Wiegand Gymnasium	Art 12-2:30 pm
Rerkpattanapipat, Pirapat IMPROVING the FUNCTION of THORACIC ARTIFICIAL LUNGS	Biological Sciences	Poster Presentation	Keith Cook Rangos 2&3/Sigma Xi Group 5	Biomedical Engineering 10:10 am
Richardson, Nicholas The Enigma Rotor Mechanism Decoded	Mechanical Engineering	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Riek, Mitchell Investigating Out of Plane Deformations in Thin Sheet Materials	Mechanical Engineering	Poster Presentation	Rebecca Taylor Wean Commons-1st Floor, Connan side	Mechanical Engineering 3-5 pm
Roa, Santiago Caffeine Consumption Habits of CMU Uundergraduates	Statistics	Poster Presentation	Robin Mejia Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Roberts, Nicholas A modern programming language for smart contracts	Computer Science	SCS Independent Study (Poster Presentation only)	Jan Hoffmann Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Robson, Eliot Using Binary Codes to Improve Ensemble Algorithms	Computer Science	SCS Independent Study (Poster Presentation only)	Rashmi Korlakai Vinayak Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Rocha, Jazmin Pittsburgh to Paris: Reducing the Carbon Footprint of Carnegie Mellon	Chemical Engineering	Poster Presentation	Edward Rubin Kirr Commons-1st Floor, Window side	Engineering and Public... 10:00 am - 12:00 pm
Rodriguez, Maria Predicting Delay in Freight Transportation Through Socioeconomic Events	Statistics	Poster Presentation	Rebecca Nugent Kirr Commons-1st Floor, Window side	Statistics 10:00 am - 12:00 pm
Rohring, Blair Development of an Affordable Oxygen Concentrator for Low Resource Settings	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Rolland, Morgan Colin the Kindest Kid in Kindergarten - A Children's Book	Humanities and Arts	Oral Presentation	Sharon Carver Class of '87	Psychology 4:40-5:00 pm
Romanoff, Avi Too Many Captains and Not Enough Wire	Human Computer Interaction	Visual Arts	Paolo Pedercini Connan	Art 12-2:30 pm
Ronayne, Jack Engineers Without Borders: Urban Agriculture	Chemical Engineering	Poster Presentation	Kelvin Gregory Hoch Commons-2nd Floor, Rangos side	Civil and Environmenta... 3-5 pm
Roop, Zachary Correlating Exercise with Stress Levels in CMU Undergraduates	Science and Humanities Scholars	Oral Presentation	Robin Mejia Dowd	Statistics 1:40-2:00 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Russo, Daylin LaryngEZscope	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Sahin, Berk A Modeling Tool for the Design of Mechanically Stiff Periodic Cardiac Nanosensors	Mechanical Engineering	Oral Presentation	Rebecca Taylor Wright	Mechanical Engineering 4-4:20 pm
Santillan, Jasio Bayer: Ultra-Low Cost Power Injector	Materials Science and Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Saric, Mariana Eyeshift	English	Oral Presentation	Jane McCafferty Peter	English 1:20-1:40 pm
Sarkar, Sarathi U-boat battleship	Mechanical Engineering	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Savage, Matthew Scaling Zensors: Applying Image Similarity Measures to Crowd-Sourced Answers	Computer Science	SCS Independent Study (Poster Presentation only)	Christopher Harrison Wiegand Gymnasium - SCS Independent Study	Mathematical Sciences 12-2:30 pm
Saxena, Saloni Designing a User Experience to Optimize Reliable Data Production on Crowdsourcing Platforms	Psychology	SCS Independent Study (Poster Presentation only)	Florian Pecune Wiegand Gymnasium - SCS Independent Study	Language Technologies ... 12-2:30 pm
Scherr, Ruth Laborious	CFA Interdisciplinary	Visual Arts	M. Stephanie Murray Connan	Humanities and Arts 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Scherrer, Lucy The Invisible	Drama	IDeATe Presentation	John Dessler Studio Theater	Entertainment Technolo... 12-2:30 pm
Schindewolf, Evan Engineers Without Borders: Energy Solutions for Nyadire, Zimbabwe	Physics	Poster Presentation	Kelvin Gregory Wean Commons-1st Floor, Connan side	Civil and Environmenta... 3-5 pm
Schollmeyer, Stephen IMPROVING the FUNCTION of THORACIC ARTIFICIAL LUNGS	Biomedical Engineering	Poster Presentation	Keith Cook Rangos 2&3/Sigma Xi Group 5	Biomedical Engineering 10:10 am
Schulz, Vera VR and AR consumer experience UBDS and Reality Computing collaboration.	History	IDeATe Presentation	John Folan Studio Theater	Architecture 12-2:30 pm
Schwab, Adam Battery Powered Car with Syringe Based Stopping Mechanism	General CIT	Poster Presentation	James Schneider Kirr Commons-1st Floor, Window side	Chemical Engineering 3-5 pm
Scibisz, Allison Paces	Electrical & Computer Engineering	Visual Arts	Paolo Pedercini Wiegand Gymnasium	Art 12-2:30 pm
Scott, Benjamin VR and AR consumer experience UBDS and Reality Computing collaboration.	Art	IDeATe Presentation	John Folan Studio Theater	Architecture 12-2:30 pm
Sears, Ian Qortex: A Satirical Novel Exploring Tech Culture and the American Way of Life	English	Oral Presentation	Kevin Gonzalez Pake	English 12:40-1:00 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Seastream, Grant Implementation of interfaces from Pyomo modeling language to GAMS and Excel	Chemical Engineering	Poster Presentation	Ignacio Grossmann Rangos 1	Chemical Engineering 3-5 pm
See, Daniel Dinner pARTy	Art	Poster Presentation	Bob Bingham Hoch Commons-2nd Floor, Rangos side	Art 12-2:30 pm
Senavsky, Valerie Playfulness in Performance: The Intersection of Musical Meaning and Entertainment	Science and Arts	Oral Presentation	M. Stephanie Murray Class of '87	Humanities and Arts 3:40-4:00 pm
Sha, Ninghao Caffeine Consumption Habits of CMU Uundergraduates	Computational Finance	Poster Presentation	Robin Mejia Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Sha, Qian CID Models on Real-world Social Networks and GOF Measurements	Science and Humanities Scholars	Poster Presentation	Brian Junker Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Sha, Qian Online Shopping Patterns of Carnegie Mellon University Undergraduate Students	Science and Humanities Scholars	Poster Presentation	Robin Mejia Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Sha, Tommy Best Goods for Charities in Grocery Stores	Statistics	Poster Presentation	Robin Mejia Kirr Commons-1st Floor, Window side	Statistics 10:00 am - 12:00 pm
Shankle, Cheyenne Pittsburgh to Paris: Reducing the Carbon Footprint of Carnegie Mellon	Chemical Engineering	Poster Presentation	Edward Rubin Kirr Commons-1st Floor, Window side	Engineering and Public... 10:00 am - 12:00 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Shao, Christopher Predicting Galaxy Properties Given Those of Their Dark Matter Halos	Statistics	Poster Presentation	Peter Freeman Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Sheng, Jiaxian Using Comparison Queries to Reduce Burden of Data Annotation Required to Train Reliable Models for Bedside Monitoring	Computer Science	SCS Independent Study (Poster Presentation only)	Artur Dubrawski Wiegand Gymnasium - SCS Independent Study	Robotics Institute 12-2:30 pm
Shi, Jessie Measuring Use of Carnegie Mellon Shared Spaces	Economics and Statistics	Poster Presentation	Robin Mejia Hoch Commons-2nd Floor, Rangos side	Statistics 3-5 pm
Shi, Runmiao The Invisible	Mechanical Engineering	IDEATe Presentation	John Dessler Studio Theater	Entertainment Technolo... 12-2:30 pm
Shimada, Naomi Backstage Chatter: An Online Publication for Theatre in Pittsburgh	General Dietrich College	Poster Presentation	James Daniels Hoch Commons-2nd Floor, Rangos side	English 12-2:30 pm
Shin, Naomi Cell type specific massively parallel reporter assay	Science and Humanities Scholars	Poster Presentation	Andreas Pfenning Rangos 1	Computational Biology 3-5 pm
Shin, Suji IMPROVING the FUNCTION of THORACIC ARTIFICIAL LUNGS	Biological Sciences	Poster Presentation	Keith Cook Rangos 2&3/Sigma Xi Group 5	Biomedical Engineering 10:10 am
Sidwell, Brittney Paces	Computer Science	Visual Arts	Paolo Pedercini Wiegand Gymnasium	Art 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Sieger, Nicholas Cycle Double Covers	Mathematical Sciences	Poster Presentation	Mary Radcliffe Wean Commons-1st Floor, Connan side	Mathematical Sciences 3-5 pm
Sieh, Yingli Temporal dynamics of shape processing as revealed by the koniocellular pathway.	Psychology	Poster Presentation	Marlene Behrmann Hoch Commons-2nd Floor, Rangos side	Psychology 10:00 am - 12:00 pm
Sierra, Paloma DARK THEATRE: A Study of Drama Performed Completely in the Dark	Humanities and Arts	Oral Presentation	Megan Rivas Pake	Drama 12-12:20 pm
Simon, Sarah Targeting Plasmodium falciparum telomeres with gPNA	Chemistry	Poster Presentation	Bruce Armitage Wean Commons-1st Floor, Connan side	Chemistry 10:00 am - 12:00 pm
Singer, Zachary Sparse Polynomial Approximations with Unknown Random Sampling	Science and Humanities Scholars	Poster Presentation	Hayden Schaeffer Kirr Commons-1st Floor, Window side	Mathematical Sciences 10:00 am - 12:00 pm
Singh, Hardik Investigating the trade-offs of adding a tail to a quadruped robot.	Mechanical Engineering	Poster Presentation	Aaron Johnson Rangos 1	Mechanical Engineering 3-5 pm
Singh, Mehar Improving Introductory Robotics Education	Mechanical Engineering	Poster Presentation	Howie Choset Hoch Commons-2nd Floor, Rangos side	Robotics Institute 10:00 am - 12:00 pm
Singh, Shridhar Development of an Affordable Oxygen Concentrator for Low Resource Settings	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
Singhasaneh, Natha Quadrupedal Robot Mobility on Mountainous Terrain	Mechanical Engineering	Oral Presentation	Aaron Johnson McKenna	Mechanical Engineering 10:15 am
Sipple, Erin Region Specific Immune Activation in the Visuospatial Working Memory Circuit in Schizophrenia	Biological Sciences	Poster Presentation	Becki Campanaro Wean Commons-1st Floor, Connan side	Biological Sciences 3-5 pm
Situ, Hua Zhi 2018 Society of Actuaries Case Competition - Bellagos Redevelopment of Long Term Care Insurance Program	Chemical Engineering	Poster Presentation	Peter Freeman Wean Commons-1st Floor, Connan side	Statistics 10:00 am - 12:00 pm
Sladick, Kenneth The Human Encoding Machine	Mechanical Engineering	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Smith, Cameron Improved Clot Aspiration for Ischemic Stroke - Team Carovac	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Smith, Hannah Effect of anti-Leishmania drugs on the structural and elastic properties of ultra-deformable lipid membranes	Physics	Poster Presentation	Stephanie Tristram-Nagle Rangos 2&3/Sigma Xi Group 2	Physics 11:25 am
Smyk, Michelle A New Standard in Radiation Protection Gear	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Sneeringer, Rachel Applications of DNA Origami and Nanofabrication through Micro-Swimmers	Biomedical Engineering	Poster Presentation	Rebecca Taylor Hoch Commons-2nd Floor, Rangos side	Mechanical Engineering 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Sneeringer, Rachel Enigma: How It Works	Biomedical Engineering	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Sogunro, Daniel The Invisible	Social & Decision Sciences	IDeATe Presentation	John Dessler Studio Theater	Entertainment Technolo... 12-2:30 pm
Sohn, Sogu Freeform reversible embedding of suspended hydrogels	Biomedical Engineering	Poster Presentation	Adam Feinberg Rangos 1	Materials Science and ... 3-5 pm
Solarek, Joshua CFD Turbulent Flow Brake Cooling Simulation	Mechanical Engineering	Oral Presentation	Satbir Singh McKenna	Mechanical Engineering 9:15 am
Soliman, Yousuf Optimal Cone Singularities for Conformal Flattening	Computer Science	Oral Presentation	Keenan Crane Wright	Computer Science 3-3:20 pm
Solomon, John Design and Optimization of a Zinc-Iodine Flow Battery	Chemical Engineering	Poster Presentation	James Schneider Kirr Commons-1st Floor, Window side	Chemical Engineering 10:00 am - 12:00 pm
Son, Ji Hye Does Automation Spell Decimation? Automation Risk of American Cities	Economics and Statistics	Poster Presentation	Ariel Zetlin-Jones Kirr Commons-1st Floor, Window side	Economics 10:00 am - 12:00 pm
Song, Baobao Influence of Dendritic Cell Vaccines Against Melanoma on Activation and Functional Changes in Natural Killer T cells	Chemistry	Poster Presentation	Rangos 2&3/Sigma Xi Group 1	10:55 am

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Song, Tianyi Development of a Portable Membrane Introduction Mass Spectrometry Interface for the Rapid Analysis of Volatile Chemicals in Water	Chemical Engineering	Oral Presentation	Mark Bier McKenna	Chemistry 11:00 am
Soong, Chauyie Len(s)wiper	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Soques, Barbara LineAR Wordplay: An Augmented Reality 3D Drawing Game	English	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Spektor, Elton Enigma Project – Cryptography	Business Administration	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Spoerl, Michael On Sufficient Conditions for a measurable Function to be Constant	Mathematical Sciences	Poster Presentation	Giovanni Leoni Hoch Commons-2nd Floor, Rangos side	Mathematical Sciences 3-5 pm
Sridhar, Anirudh Deterministic Approximation of Distributed Stochastic Evolution in Large-Scale Games	Electrical & Computer Engineering	Oral Presentation	Soumya Kar McKenna	Electrical & Computer ... 11:15 am
Srinivasan, Chaitanya Using metabolomics and lipidomics to crack the code on asparaginase-associated pancreatitis (AAP)	Biological Sciences	Poster Presentation	Rangos 2&3/Sigma Xi Group 2	10:25 am
Sriram, Raahul BME Design: Bayer Drip	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
Stewart, Emily Music, Movement, and Mindfulness:	Humanities and Arts	Oral Presentation	M. Stephanie Murray Class of '87	Humanities and Arts 3-3:20 pm
Stiles, Charlotte Performing Coding	Computer Science and Arts	Visual Arts	Angela Washko Connan	Art 3-5 pm
Stinson-Hurwitz, Sarah Dinner pARTy	CFA Interdisciplinary	Poster Presentation	Bob Bingham Hoch Commons-2nd Floor, Rangos side	Art 12-2:30 pm
Stinson-Hurwitz, Sarah Memorial Flag: Remembering Pulse	CFA Interdisciplinary	Visual Arts	Clayton Merrell Connan	Art 3-5 pm
Stockton, Shalani Len(s)wiper	Biomedical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Striepe, Chantal Chinese Cinema: Distinguishing the Chinese National Identity After the Cultural Revolution	Humanities and Arts	Oral Presentation	Yueming Yu Class of '87	Modern Languages 12:40-1:00 pm
Striepe, Chantal Untangling	Humanities and Arts	Oral Presentation	Clayton Merrell Class of '87	Art 12:20-12:40 pm
Stumpf, James The Enigma Rotor Mechanism Decoded	Mechanical 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
Su, Jiayi Conversational Dataset Construction for Information Desk Scenario	Information Systems	SCS Independent Study (Poster Presentation only)	Yoichi Matsuyama Wiegand Gymnasium - SCS Independent Study	Language Technologies ... 12-2:30 pm
Su, Langxuan Weighted Partial Sparse Recovery from Under-sampled Data	Science and Humanities Scholars	Poster Presentation	Hayden Schaeffer Kirr Commons-1st Floor, Window side	Mathematical Sciences 3-5 pm
Sun, Giada Too Many Captains and Not Enough Wire	Drama	Visual Arts	Paolo Pedercini Connan	Art 12-2:30 pm
Sun, Hanqi Size-constrained Active Graphical Model Learning	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Aarti Singh Danforth Conference Room	Machine Learning 4:20-4:40 pm
Sun, Yuzhe Ship Welding Robot	Mechanical Engineering	Oral Presentation	Kenji Shimada Wright	Mechanical Engineering 10:30 am
Sunder, Gowri Many Mornings After	Humanities and Arts	Visual Arts	Charlee Brodsky Connan	Design 12-2:30 pm
Sunder, Gowri Rough and Tumble	Humanities and Arts	Visual Arts	M. Stephanie Murray Connan	Humanities and Arts 12-2:30 pm
Sussman, Zachary In-Sight: Tension-Based Haptic Feedback to Improve Mobility and Navigation for Blind People	Computer Science	Poster Presentation	Henny Admoni Kirr Commons-1st Floor, Window side	Robotics 12-2:30 pm

2018 Meeting of the Minds

Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Sutradhar, Indorica Ischemic Stroke Clot Aspirator	Materials Science and Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Sutradhar, Indorica Isolating Specific vs. Non-Specific Binding Responses in Conductive Polymer Biosensors for Biomolecule Fingerprinting	Materials Science and Engineering	Oral Presentation	B. Reeja Jayan Dowd	Mechanical Engineering 9:45 am
Swain, Annabelle HEX	Architecture	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Swift-Ramirez, Wyatt Gentle Modification of Graphenic Materials for Cell Instructive Purposes	Chemistry	Poster Presentation	Stefanie Sydlik Kirr Commons-1st Floor, Window side	Chemistry 3-5 pm
Syjuco, Sofia HEX	Art	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Tait, Colin Jordanian Society and the Interaction of Refugees: Increasing Numbers of Refugees and Their Impact	Humanities and Arts	Poster Presentation	Daniel Silverman Wean Commons-1st Floor, Connan side	Institute for Politics... 10:00 am - 12:00 pm
Tait, Colin The Transnational Diffusion of Peace Agreements: Northern Ireland's Impact on the Accords Achieved in Colombia	Humanities and Arts	Oral Presentation	Ignacio Arana Pake	Institute for Politics... 4-4:20 pm
Tamineedi, Himakeerth Multimodal Approaches in Narrative Structures	Computer Science	SCS Independent Study (Poster Presentation only)	William Cohen Wiegand Gymnasium - SCS Independent Study	Machine Learning 12-2:30 pm

2018 Meeting of the Minds

Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Tan, Bridget An "Exergame" Intervention to Aid Inhibitory Control Development in Preschool Children	Electrical & Computer Engineering	Visual Arts	Cassandra Eng Connan	Psychology 3-5 pm
Tan, Bridget Detecting Signs of ADHD in Infancy	Electrical & Computer Engineering	Visual Arts	Erik Thiessen Connan	Psychology 3-5 pm
Tan, Bridget Optimizing Data Collection and Assessment of Inhibitory Control in Preschool Children	Electrical & Computer Engineering	Visual Arts	Cassandra Eng Connan	Psychology 3-5 pm
Tang, Caoxin Glycosaminoglycan and graphene oxide crosslinking network for cartilage tissue repair	Chemistry	Poster Presentation	Stefanie Sydlik Hoch Commons-2nd Floor, Rangos side	Chemistry 3-5 pm
Tang, Griffin Detecting Signs of ADHD in Infancy	Information Systems	Visual Arts	Erik Thiessen Connan	Psychology 3-5 pm
Tang, Lilia Efficient Co-Scheduling of DNN Inference for Streaming Video Applications	Computer Science	SCS Independent Study (Poster Presentation only)	Greg Ganger Wiegand Gymnasium - SCS Independent Study	Electrical & Computer ... 12-2:30 pm
Tang, Richard CMU ChemE Car Ethanol Fuel Combustion Car	Materials Science and Engineering	Poster Presentation	James Schneider Wean Commons-1st Floor, Connan side	Chemical Engineering 3-5 pm
Tang, Tianqi Security Pricing in Incomplete Models: From A Utility Indifference Perspective	Statistics	Poster Presentation	William Hrusa Rangos 1	Mathematical Sciences 3-5 pm

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Taylor, Jack Cartoon Violence and Contemporary Painting	Art	Visual Arts	Clayton Merrell Connan	Art 12-2:30 pm
Taylor, Sylvia Spatial-Numerical Matching	Psychology	Poster Presentation	Robert Siegler Kirr Commons-1st Floor, Window side	Psychology 12-2:30 pm
Tegene, Mera IDEATA game design	Computer Science	IDEATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Teichman, Theodore Training Dynamics of Sustained Auditory Selective Attention	Science and Arts	Poster Presentation	Lori Holt Rangos 2&3/Sigma Xi Group 7	Psychology 11:40 am
Teichman, Theodore Tree Hugger	Science and Arts	Oral Presentation	Bob Bingham Peter	Art 4-4:20 pm
Tejada, Spenser Elemental Instruments	Science and Arts	Oral Presentation	Lance Laduke Class of '87	Music 1:40-2:00 pm
Thompson, Paige Correlating Exercise with Stress Levels in CMU Undergraduates	Statistics	Oral Presentation	Robin Mejia Dowd	Statistics 1:40-2:00 pm
Tilton, Ian Design and Optimization of a Zinc-Iodine Flow Battery	Chemical Engineering	Poster Presentation	James Schneider Kirr Commons-1st Floor, Window side	Chemical Engineering 10:00 am - 12:00 pm

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Tilton, Ian U-boat battleship	Chemical Engineering	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Torubara, Anastasia Attitudes Toward Sorority Formal Membership Recruitment Among CMU Undergraduate Students	Social & Decision Sciences	Poster Presentation	Robin Mejia Hoch Commons-2nd Floor, Rangos side	Statistics 10:00 am - 12:00 pm
Toy, Alana Enigma Mechanical Interface Replicator	Mechanical Engineering	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Tran, Hai Duy COMPLIANT LOCOMOTION FOR A LIZARD-LIKE ROBOT	Mechanical Engineering	Poster Presentation	Howie Choset Kirr Commons-1st Floor, Window side	Robotics Institute 3-5 pm
Tsaw, Jeffrey Battery Powered Car with Syringe Based Stopping Mechanism	General CIT	Poster Presentation	James Schneider Kirr Commons-1st Floor, Window side	Chemical Engineering 3-5 pm
Tse, Kendrick Online Shopping Patterns of Carnegie Mellon University Undergraduate Students	Statistics	Poster Presentation	Robin Mejia Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Tseng, Ethan Large Scale Light Ray Probe	Electrical & Computer Engineering	Oral Presentation	Aswin Sankaranarayanan Wright	Electrical & Computer ... 10:45 am
Tseng, Thomas Concurrent skip lists for dynamic forest connectivity	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Guy Blelloch Danforth Conference Room	Computer Science 4-4:20 pm

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Tucker, Adam FORGE In-Home Mentor Experience Survey	Economics and Statistics	Poster Presentation	Robin Mejia Wean Commons-1st Floor, Connan side	Statistics 10:00 am - 12:00 pm
Uppal, Uday Fairytale Showdown	Computer Science	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Uribe, Jose State Debt Crises: Examining The Relationship Between Debt Maturity and Risk	Economics	Poster Presentation	Ariel Zetlin-Jones Wean Commons-1st Floor, Connan side	Economics 3-5 pm
Vakharia, Tanay An Application of Minhash to Aid the Discovery of Antibiotics	Computer Science	SCS Independent Study (Poster Presentation only)	Hosein Mohimani Wiegand Gymnasium - SCS Independent Study	Computational Biology 12-2:30 pm
Van Buren, Jacob How Can We Build Usable Security Type Systems?	Computer Science	SCS Independent Study (Poster Presentation only)	Jean Yang Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Van de Zande, Charles AMZU	Design	Visual Arts	Wayne Chung Wiegand Gymnasium	Design 12-2:30 pm
Van de Zande, Charles Light-up Fabric?!	Design	Visual Arts	Dan Lockton Wiegand Gymnasium	Design 12-2:30 pm
Vanderpuye, Charis-Marie Effects of Communal Coping on Stress and Relationship Well-being	English	Oral Presentation	Vicki Helgeson Pake	Psychology 1:20-1:40 pm

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Vashi, Dishita Rapid Prototyping of Computer Systems - Scoliosis Brace	Electrical & Computer Engineering	Poster Presentation	Asim Smailagic Hoch Commons-2nd Floor, Rangos side	Electrical & Computer ... 3-5 pm
Vasudeva, Chitika Trompe-L'oeil: A History of Architectural Illusion	Architecture	Poster Presentation	Joshua Bard Rangos 1	Architecture 3-5 pm
Vaughn, Kanisha Effect of Passive and Active Threats on Fear States and Attention	Psychology	Poster Presentation	Timothy Verstynen Kirr Commons-1st Floor, Window side	Psychology 12-2:30 pm
Verma, Sidharth Co-Scheduling DNN Inference Among Processors for Streaming Video	Electrical & Computer Engineering	SCS Independent Study (Poster Presentation only)	Greg Ganger Wiegand Gymnasium - SCS Independent Study	Electrical & Computer ... 12-2:30 pm
Vesco, Abigail CMU ChemE Car Ethanol Fuel Combustion Car	Chemical Engineering	Poster Presentation	James Schneider Wean Commons-1st Floor, Connan side	Chemical Engineering 3-5 pm
Videva, Sophia 53-471 Game Design Project	Art	IDEATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Videva, Sophia The Seamstress and the Tapestry	Art	Visual Arts	Echo Eggebrecht Connan	Humanities and Arts 12-2:30 pm
Vries, Jacob Modeling Charging Behavior in Nonpolar Solvents	Chemical Engineering	Poster Presentation	James Schneider Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 10:00 am - 12:00 pm

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Wade, Zachary SousTech: Smart Food Sensing	Computer Science	SCS Independent Study (Poster Presentation only)	Mayank Goel Wiegand Gymnasium - SCS Independent Study	Institute for Software... 12-2:30 pm
Walsh, Liam Distributed Battery Management for Electric Racing Vehicles	Mechanical Engineering	Poster Presentation	Saugata Ghose Hoch Commons-2nd Floor, Rangos side	Electrical & Computer ... 3-5 pm
Walsh, Liam Updated Prop for Demonstrating Torsion in Stress Analysis	Mechanical Engineering	Poster Presentation	Paul Steif Wean Commons-1st Floor, Connan side	Mechanical Engineering 12-2:30 pm
Wang, Aijin Analysis of National Hockey League Injuries	Statistics	Poster Presentation	Nynke Niezink Kirr Commons-1st Floor, Window side	Statistics 3-5 pm
Wang, Aijin VR and AR consumer experience UBDS and Reality Computing collaboration.	Statistics	IDEATe Presentation	John Folan Studio Theater	Architecture 12-2:30 pm
Wang, Angela Designing a sensor-based feedback and training system to support professional development for higher education instructors	Psychology	Poster Presentation	Amy Ogan Rangos 1	Human Computer Interac... 3-5 pm
Wang, Ashley Gamma-Peptide Nucleic Acids (PNA) as a Tool for Diagnostics	Business Administration	Poster Presentation	Danith Ly Rangos 2&3/Sigma Xi Group 3	Chemistry 10:25 am
Wang, Lucy 2018 Society of Actuaries Case Competition - Bellagos Redevelopment of Long Term Care Insurance Program	Business Administration	Poster Presentation	Peter Freeman Wean Commons-1st Floor, Connan side	Statistics 10:00 am - 12:00 pm

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Wang, Qiuyu Assessing the performance of the false discovery rate procedure in detecting cointegrated stock pairs	Mathematical Sciences	Poster Presentation	Nynke Niezink Kirr Commons-1st Floor, Window side	Statistics 10:00 am - 12:00 pm
Wang, Sarah Spatial-Numerical Matching	Biological Sciences	Poster Presentation	Robert Siegler Kirr Commons-1st Floor, Window side	Psychology 12-2:30 pm
Wang, Serena AutoType: Inferring Information Flow Policies	Computer Science	SCS Independent Study (Poster Presentation only)	Jean Yang Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Wang, Shitian Best Goods for Charities in Grocery Stores	Science and Humanities Scholars	Poster Presentation	Robin Mejia Kirr Commons-1st Floor, Window side	Statistics 10:00 am - 12:00 pm
Wang, Siyao Genes Involved in Sea Star Development & Regeneration	Biological Sciences	Poster Presentation	Veronica Hinman Hoch Commons-2nd Floor, Rangos side	Biological Sciences 12-2:30 pm
Wang, Xinyi Worry Dreamers -- The Story of Chinese Art Students Studying in America	Computer Science and Arts	Oral Presentation	Lawrence Shea Pake	Drama 4:40-5:00 pm
Wang, Yanru Order Size Impact on Prices of Securities	Mathematical Sciences	Poster Presentation	William Hrusa Hoch Commons-2nd Floor, Rangos side	Mathematical Sciences 10:00 am - 12:00 pm
Webb, Charles An Analysis of the Effects of Time and Dosage on Genipin Crosslinking of Fibrin Gels	Chemical Engineering	Oral Presentation	Christopher Bettinger Peter	Materials Science and ... 9:30 am

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Webb, Charles Ischemic Stroke Clot Aspirator	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Weishaeupl, Simon Evaluating Mechanical Properties of Fly Ash-Based Geopolymer Concrete	Civil and Environmental Engineering	Poster Presentation	Sarah Christian Rangos 1	Civil and Environmenta... 3-5 pm
Weisman, Sophia The Effect of Incentive Structures on Intrinsic Motivation and Task Performance	Social & Decision Sciences	Poster Presentation	George Loewenstein Kirr Commons-1st Floor, Window side	Social & Decision Scie... 10:00 am - 12:00 pm
Weissglass, Charlotte-Alyss Pride	Computer Science and Arts	Visual Arts	M. Stephanie Murray Connan	Humanities and Arts 12-2:30 pm
Welch, Alisandra Implementation of Resource Decomposition Algorithms for Optimization of Decision Networks	Chemical Engineering	Oral Presentation	Ignacio Grossmann Wright	Chemical Engineering 10:15 am
Weng, Cindy Reactivity of nano zerovalent irons (nZVIs) with organic and inorganic pollutants	Civil and Environmental Engineering	Oral Presentation	Greg Lowry Wright	Civil and Environmenta... 9:30 am
Weng, Ran Why Am I Like This	Computer Science and Arts	Visual Arts	M. Stephanie Murray Connan	Humanities and Arts 12-2:30 pm
Werth, Katherine Digital Intimacy Post Screen	Art	Visual Arts	Imin Yeh Connan	Art 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Westenberg, Samuel Distributed Battery Management for Electric Racing Vehicles	Electrical & Computer Engineering	Poster Presentation	Saugata Ghose Hoch Commons-2nd Floor, Rangos side	Electrical & Computer ... 3-5 pm
Wheaton, James Distant Reading the Oxford Dictionary of National Biography	English	Poster Presentation	Christopher Warren Wean Commons-1st Floor, Connan side	English 3-5 pm
Widjaja, Jordan Correlating Exercise with Stress Levels in CMU Undergraduates	Computer Science	Oral Presentation	Robin Mejia Dowd	Statistics 1:40-2:00 pm
Wiedmann, Michelle Interactive Enigma Plugboard	Mechanical Engineering	IDEATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Wihl, Jonathan Satisfaction Levels of Student TAs.	Dietrich College Interdisciplinary	Poster Presentation	Robin Mejia Hoch Commons-2nd Floor, Rangos side	Statistics 10:00 am - 12:00 pm
Williams, Nathan An "Exergame" Intervention to Aid Inhibitory Control Development in Preschool Children	Philosophy	Visual Arts	Cassandra Eng Connan	Psychology 3-5 pm
Williams, Nathan Game	Philosophy	IDEATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Winegardner, Nicole Utilization of Polymer Based Protein Engineering and ATRP to Modulate Substrate Size Specificity of Avidin	Biology and Psychology	Poster Presentation	Amber Lucas Wean Commons-1st Floor, Connan side	Biological Sciences 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Wing, Kyle THE RIGHT TO THE UNIVERSITY: Protest, Place, and Power at the University of California, Berkeley and Kent State University, 1969-1977	Architecture	Oral Presentation	Steven Schlossman Dowd	History 12-12:20 pm
Wise, Katherine Investigating Translation Pairs in Advanced Mandarin-English Bilinguals	Philosophy	Poster Presentation	Seth Wiener Kirr Commons-1st Floor, Window side	Modern Languages 10:00 am - 12:00 pm
Wolf-Sorokin, Mikaela How the Stringent Requirements of the Particular Social Group Concept Negatively Affect Honduran Women's Asylum Claims	History	Oral Presentation	Therese Tardio Pake	Modern Languages 2-2:20 pm
Wong, Annabella Theoretical Development and Experimental Verification of a Continuous Solar Silicon Ribbon Manufacturing Process	Chemical Engineering	Oral Presentation	Erik Ydstie Peter	Chemical Engineering 11:00 am
Wong, Clement A Technical and Economic Assessment of Onboard Hydrogen Storage Systems for Light-Duty Vehicles	Mechanical Engineering	Poster Presentation	Jay Whitacre Kirr Commons-1st Floor, Window side	Materials Science and ... 12-2:30 pm
Wong, Grace Finding Tiananmen	Humanities and Arts	Visual Arts	M. Stephanie Murray Connan	Humanities and Arts 3-5 pm
Wong, Jordan Freshman CMU Student Communication Habits with Their Parents	Economics and Statistics	Poster Presentation	Robin Mejia Hoch Commons-2nd Floor, Rangos side	Statistics 10:00 am - 12:00 pm
Wong, Katrina Rewritten Fairytale Automata	Chemistry	IDeATe Presentation	Shraddha Joshi Studio Theater	Materials Science and ... 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Wong, Lin Kit Daniel Efficient Co-Scheduling of DNN Inference for Streaming Video Applications	Computer Science	SCS Independent Study (Poster Presentation only)	Greg Ganger Wiegand Gymnasium - SCS Independent Study	Electrical & Computer ... 12-2:30 pm
Wong, Meredith Sustainable Construction Materials Research	Civil and Environmental Engineering	Poster Presentation	Sarah Christian Rangos 1	Civil and Environmenta... 3-5 pm
Wong, Samantha Improved Training Model for IV Insertion with Ultrasound	Mechanical Engineering	Poster Presentation	Kenji Shimada Wean Commons-1st Floor, Connan side	Mechanical Engineering 10:00 am - 12:00 pm
Wong, Stephanie Evaluating Mechanical Properties of Fly Ash-Based Geopolymer Concrete	Civil and Environmental Engineering	Poster Presentation	Sarah Christian Rangos 1	Civil and Environmenta... 3-5 pm
Wong, Thomas Red Pitaya Interface to Improve High Speed Measurements of Magnetic Tunnel Junctions	Physics	Poster Presentation	Sara Majetich Rangos 2&3/Sigma Xi Group 4	Physics 11:10 am
Wu, Johnny Rewritten Fairytale Automata	Information Systems	IDEATe Presentation	Shraddha Joshi Studio Theater	Materials Science and ... 12-2:30 pm
Wu, Michelle BME Design: Bayer Drip	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Wu, Qingyuan Urban Traveling Mates: Leveraging Rocker-Bogie in Low Cost Mobile Robots	Mechanical Engineering	Poster Presentation	Jeremy Michalek Wean Commons-1st Floor, Connan side	Mechanical Engineering 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Wu, Sharon Design of a Self-Discriminating Nucleic Acid Platform for Targeting RNA Secondary Structures	Chemistry	Poster Presentation	Danith Ly Rangos 2&3/Sigma Xi Group 3	Chemistry 10:10 am
Xi, Edgar Intelligent Pothole Detection and Road Condition Assessment - Perceptsense	Statistics	Poster Presentation	Jeremy Kolter Rangos 2&3/Sigma Xi Group 6	Computer Science 10:25 am
Xiao, Brenda Using Mixed Membership Models to Predict Clinical Features and Perform Survival Analyses on Breast Cancer Patients	Computational Biology	Poster Presentation	Russell Schwartz Hoch Commons-2nd Floor, Rangos side	Biological Sciences 12-2:30 pm
Xiao, William An Anytime Multi-Heuristic A* Search Algorithm	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Maxim Likhachev Danforth Conference Room	Robotics Institute 11:20-11:40 am
Xu, Anlun SyMonster: program synthesis tool for Java APIs	Computer Science	SCS Independent Study (Poster Presentation only)	Ruben Carlos Goncalves Martins Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Xu, David Utility Optimization in the Agency Problem	Computational Finance	Poster Presentation	William Hrusa Hoch Commons-2nd Floor, Rangos side	Mathematical Sciences 3-5 pm
Xu, Shenheng Satisfaction Levels of Student TAs.	Science and Humanities Scholars	Poster Presentation	Robin Mejia Hoch Commons-2nd Floor, Rangos side	Statistics 10:00 am - 12:00 pm
Xu, Ziyu Neural Variable Name Recovery from Obfuscated Javascript	Computer Science	SCS Independent Study (Poster Presentation only)	Graham Neubig Wiegand Gymnasium - SCS Independent Study	Language Technologies ... 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Yampolsky, Benjamin Modeling and Measurements to Understand Pollutant Dispersion in Complex Terrain	Mechanical Engineering	Oral Presentation	Satbir Singh Wright	Mechanical Engineering 4:20-4:40 pm
Yan, Lauren Facilitating Memory in Preschool and Kindergarten Children Through Games	Psychology	Oral Presentation	Sharon Carver Pake	Psychology 1:40-2:00 pm
Yang, Mengxi Improved Clot Aspiration for Ischemic Stroke - Team Carovac	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Yang, Yilin Non-invasive, Cuff-less Blood Pressure Estimation Using Near-Infrared Spectroscopy	Chemical Engineering	Oral Presentation	Jana Kainerstorfer Wright	Biomedical Engineering 3:20-3:40 pm
Yang, Yilin O2U: A Low Cost Oxygen Concentrator	Chemical Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Yao, Yue Optimal Investment in Market	Mathematical Sciences	Poster Presentation	William Hrusa Rangos 2&3/Sigma Xi Group 7	Mathematical Sciences 10:55 am
Yates, Benjamin Electric Vehicle Technology on a Personal and Sustainable Scale	Electrical & Computer Engineering	Poster Presentation	William Nace Wean Commons-1st Floor, Connan side	Electrical & Computer ... 12-2:30 pm
Yim, Ye Ji Designing a sensor-based feedback and training system to support professional development for higher education instructors	Psychology	Poster Presentation	Amy Ogan Rangos 1	Human Computer Interac... 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Yin, Jessica Sensor Skins For Soft Robotic Systems Using EGaln	Mechanical Engineering	Poster Presentation	Carmel Majidi Rangos 1	Mechanical Engineering 3-5 pm
Yin, Qiuyi Frontend Development of DialCrowd's Sequence Labeling Feature	Statistics	SCS Independent Study (Poster Presentation only)	Maxine Eskenazi Wiegand Gymnasium - SCS Independent Study	Language Technologies ... 12-2:30 pm
Yom, Victoria IDEATA game design	Entertainment Technology Pittsburgh	IDeATe Presentation	Thomas Corbett Studio Theater	Entertainment Technolo... 12-2:30 pm
Yu, Zihan User Interface Infrastructure for Socially-Aware Conversational Assistant in Information Desk Scenario	Computer Science	SCS Independent Study (Poster Presentation only)	Yoichi Matsuyama Wiegand Gymnasium - SCS Independent Study	Language Technologies ... 12-2:30 pm
Yuan, Chenhui Probabilistic Bayesian Inference with Linear Constraint Solving	Computer Science	SCS Independent Study (Poster Presentation only)	Jan Hoffmann Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm
Yuan, Yixin Epigenetic markers of the aging brain	Biological Sciences	Poster Presentation	Andreas Pfenning Kirr Commons-1st Floor, Window side	Computational Biology 10:00 am - 12:00 pm
Yuen, Gavin Freshman CMU Student Communication Habits with Their Parents	Business Administration	Poster Presentation	Robin Mejia Hoch Commons-2nd Floor, Rangos side	Statistics 10:00 am - 12:00 pm
Zeng, David Dynamic Fair Division with Indivisible Goods	Computer Science	SCS Independent Study (Poster Presentation only)	Ariel Procaccia Wiegand Gymnasium - SCS Independent Study	Computer Science 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Zhang, Andrew O2U: A Low Cost Oxygen Concentrator	Materials Science and Engineering	BME Design	Conrad Zapanta Wiegand Gymnasium - BME Design	Biomedical Engineering 12-2:30 pm
Zhang, Boyan Assessing the performance of the false discovery rate procedure in detecting cointegrated stock pairs	Statistics	Poster Presentation	Nynke Niezink Kirr Commons-1st Floor, Window side	Statistics 10:00 am - 12:00 pm
Zhang, Huiwen Building and Calibrating a Binomial Asset Pricing Model to Reflect Market Data	Mathematical Sciences	Poster Presentation	David Handron Wean Commons-1st Floor, Connan side	Mathematical Sciences 10:00 am - 12:00 pm
Zhang, James Thermal Expansion and Kinetic Contributions to the Bulk Modulus of Materials	Mechanical Engineering	Poster Presentation	Alan McGaughey Rangos 1	Mechanical Engineering 3-5 pm
Zhang, Kehui Interactive Enigma Plugboard	Mechanical Engineering	IDeATe Presentation	Susan Finger Studio Theater	Civil and Environmenta... 12-2:30 pm
Zhang, Kevin Enabling Social Robots to Better Understand Their Environments	Electrical & Computer Engineering	Oral Presentation	Manuela Veloso Dowd	Computer Science 9:15 am
Zhang, Nan Increasing Biotin Binding Capacity of NeutrAvidin Beads: A Layered Protein Affinity Support	Biological Sciences	Poster Presentation	Jonathan Minden Hoch Commons-2nd Floor, Rangos side	Biological Sciences 12-2:30 pm
Zhang, Xiaorong Ramsey-Type Problems	Mathematical Sciences	Poster Presentation	Boris Bukh Wean Commons-1st Floor, Connan side	Mathematical Sciences 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Zhang, Xinhe improve the retinal image quality assessment accuracy for Diabetic Retinopathy (DR) detection.	Electrical & Computer Engineering	Oral Presentation	Asim Smailagic Wright	Electrical & Computer ... 9:00 am
Zhang, Ye The Effects of Surround Suppression on Mouse Visual Acuity	Computer Science	Poster Presentation	Sandra Kuhlman Wean Commons-1st Floor, Connan side	Biological Sciences 10:00 am - 12:00 pm
Zhang, Yufan Satisfaction Levels of Student TAs.	Statistics	Poster Presentation	Robin Mejia Hoch Commons-2nd Floor, Rangos side	Statistics 10:00 am - 12:00 pm
Zhang, Yunheng Improving multi-agent path planning	Mechanical Engineering	Oral Presentation	Howie Choset Peter	Robotics Institute 9:15 am
Zhao, Wilson Computaitonal generation of humorous sentences	Computer Science	SCS Independent Study (Poster Presentation only)	Igor Labutov Wiegand Gymnasium - SCS Independent Study	Machine Learning 12-2:30 pm
Zheng, Sydney Immersing in the Sphere World	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Golan Levin Danforth Conference Room	Art 10-10:20 am
Zhou, Quchen Security Pricing in Incomplete Models: From A Utility Indifference Perspective	Mathematical Sciences	Poster Presentation	William Hrusa Rangos 1	Mathematical Sciences 3-5 pm
Zhou, Winston Operating System Usage Among CMU Students	Economics	Poster Presentation	Robin Mejia Kirr Commons-1st Floor, Window side	Statistics 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Zhou, Yisu Multi-period Portfolio Utility Optimization via Withdrawal Optimization On Multi-period Binomial Model	Computational Finance	Poster Presentation	David Handron Wean Commons-1st Floor, Connan side	Mathematical Sciences 12-2:30 pm
Zhu, Eric Neural Generation of Structured and Coherent Music	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Taylor Berg-Kirkpatrick Danforth Conference Room	Language Technologies ... 3:20-3:40 pm
Zhuge, Jennifer Freshman CMU Student Communication Habits with Their Parents	Science and Humanities Scholars	Poster Presentation	Robin Mejia Hoch Commons-2nd Floor, Rangos side	Statistics 10:00 am - 12:00 pm
Ziausyte, Ugne Proteomic Changes in Drosophila Brain as a Result of Wolbachia Infection	Biological Sciences	Poster Presentation	Jonathan Minden Rangos 1	Biological Sciences 3-5 pm

TOTAL STUDENTS: 708