

Meeting of the Minds 2015

Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Abboud, Siriana Infants' Understanding of Newton's Third Law	Psychology	Poster Presentation	David Rakison Hoch Commons-2nd Floor, Rangos side	Psychology 3-5 pm
Abraham, Marlena A Light Touch	Computer Science	Visual Arts	Paolo Pedercini Connan	Art 3-5 pm
Acay, Cosku Refinements for Session-typed Concurrency	Computer Science	Poster Presentation	Frank Pfenning Hoch Commons-2nd Floor, Rangos side	Computer Science 3-5 pm
Acosta, Ernesto Synthesis of Cationic Nanogel via Inverse Microemulsion for siRNA Delivery	Chemistry	Poster Presentation	Antonina Simakova Hoch Commons-2nd Floor, Rangos side	Chemistry 12-2:30 pm
Acosta, Juan The Global North and Brazilian NGOs: A One-sided Relationship?	History	Poster Presentation	Emanuela Grama Hoch Commons-2nd Floor, Window side	History 3-5 pm
Adams-Romagnoli, Reese The Return of Your Idol: an Art Film	Art	Oral Presentation	Joe Mannino McKenna	Art 11:40 am
Ahuja, Vishal Investigation of Fruit Derived Permeation Enhancers for Transepithelial Drug Delivery	Chemical Engineering	Poster Presentation	Kathryn Whitehead Rangos 1 & 2/Sigma Xi Group 3	Chemical Engineering 10:00 am
Alford, Rebecca An integrated framework advancing membrane protein modeling and design	Chemistry	Poster Presentation	Hoch Commons-2nd Floor, Window side	3-5 pm

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Allison, Shaun A Secure Human-Computable Authentication Scheme	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Manuel Blum Class of '87	Computer Science 10:00 am
Alpert, Eric Classifying Kepler Objects of Interest	Mathematics	Poster Presentation	Rebecca Nugent Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
An, Terence Fast Approximation of Minimum 2-Hop Labels on Trees	Computer Science	Poster Presentation	Guy Blelloch Rangos 1 & 2/Sigma Xi Group 7	Computer Science 10:45 am
An, Terence Fast Approximation of Minimum 2-Hop Labels on Trees	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Guy Blelloch Class of '87	Computer Science 1:00 pm
Anderson, Nicole Asserting Ownership in Communal Space: The Kommunalka in St. Petersburg	BHA	Oral Presentation	Emanuela Grama Peter	History 3:00 pm
Anderson, Zachary Elderly Priming Effect on Grip Strength, Reaction Time, and Driving Proficiency	Psychology	Poster Presentation	John Creswell Rangos 1 & 2/Sigma Xi Group 8	Psychology 10:45 am
Asbel, Rachel The Role of Setting in Autobiographical Memories	BHA	Oral Presentation	M. Stephanie Murray Dowd	BHA 4:00 pm
Astrow, Raphael Mapping Israel's Virtual Water Trade	Information Systems	Oral Presentation	Randy Weinberg Dowd	Information Systems 3:00 pm

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Atwood, Julia Development of Broad-Spectrum Antibiotics	Chemistry	Poster Presentation	Danith Ly Hoch Commons-2nd Floor, Rangos side	Chemistry 12-2:30 pm
Avilez, Marie Higher Education, Inequality and Mentoring: An Inquiry in Social Values	Ethics, History & Public Policy	Poster Presentation	Nico Slate Hoch Commons-2nd Floor, Rangos side	History 3-5 pm
Ayo-Ani, Omobolanie Effects of Mobile Applications on Public Health in Honduras	Information Systems	Poster Presentation	Jason Hong Hoch Commons-2nd Floor, Rangos side	Human Computer Interac... 3-5 pm
Bagga, Joetsaroop Designing and Implementing an Enzymatic Fuel Cell Car	Chemical Engineering	Poster Presentation	Aditya Khair Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Bandecca, Anna Optimization of a Battery Powered Car with Manometer Stopping Mechanism	Chemical Engineering	Poster Presentation	Aditya Khair Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Banerjee, Manali Electrochemical Carbon Dioxide Reduction Using Nanocarbons	Materials Science Engineering	Poster Presentation	Tomasz Kowalewski Rangos 1 & 2/Sigma Xi Group 4	Chemistry 11:00 am
Barton, Spencer Human Echolocation	Electrical & Computer Engineering	Poster Presentation	Laurie Heller Rangos 1 & 2/Sigma Xi Group 8	Psychology 10:00 am
Bates, MacKenzie All is Fair: A Game About Relationships	BCSA	Visual Arts	M. Stephanie Murray Connan	BHA 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Bauer, Jakob	Computer Science		William Cohen	Machine Learning
Using Ontological Constraints for Word Sense Disambiguation		SCS Independent Study (Poster Presentation only)	Rangos Hallway, 2nd Floor	3-5 pm
Bayani, David	Mathematics		Scott Fahlman	Language Technologies ...
The Development of Automatic Morphemic Analysis in Scone's Natural Language Pipeline		SCS Independent Study (Poster Presentation only)	Rangos Hallway, 2nd Floor	12-2:30 pm
Bayer, Halley	Psychology		John Creswell	Psychology
Offline Associative Learning		Oral Presentation	Dowd	3:20 pm
Behnke, Mary	Statistics		Jared Murray	Statistics
Customer Satisfaction: Steel Cactus		Poster Presentation	Wean Commons-1st Floor, Connan side	12-2:30 pm
Berdichevsky, Dina	Statistics		Jared Murray	Statistics
Fantasy or Reality? Expected Salary Perceptions of Carnegie Mellon University Undergraduate Students		Poster Presentation	Wean Commons-1st Floor, Connan side	3-5 pm
Berman, Jonathan	Chemical Engineering		Aditya Khair	Chemical Engineering
Optimization of a Battery Powered Car with Manometer Stopping Mechanism		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	12-2:30 pm
Berry, Laura	English		Anthony Stanton	Business Administration
Translucently, the Orange Sleeps Again		Poster Presentation	Kirr Commons-1st Floor, Window side	12-2:30 pm
Bhargava, Anchal	Mechanical Engineering		Philip LeDuc	Mechanical Engineering
Exploration of Algal Growth Systems		Poster Presentation	Rangos 3	12-2:30 pm

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Bhasin, Neal Field Testing and Validation for Flyover Modeling	Computer Science	SCS Independent Study (Poster Presentation only)	William Whittaker Rangos Hallway, 2nd Floor	Robotics Institute 12-2:30 pm
Binder, Julian Implementation of Secure JTAG via Statistical Learning in Chip on an FPGA	Electrical & Computer Engineering	Poster Presentation	Donald Thomas Rangos 3	Electrical & Computer ... 12-2:30 pm
Bittner, Brian Symbolic Computation of Dynamics on Manifolds	Mechanical Engineering	Poster Presentation	Koushil Sreenath Rangos 1 & 2/Sigma Xi Group 7	Mechanical Engineering 10:00 am
Blodnick, Myles Learning Environmental Context for Intelligent Robotic Planning Systems	Psychology	Poster Presentation	Siddhartha Srinivasa Rangos 1 & 2/Sigma Xi Group 8	Robotics Institute 11:30 am
Bobb, Terrell Effect of Wealth Tax on Investment	Economics	Poster Presentation	Rebecca Lessem Wean Commons-1st Floor, Connan side	Economics 12-2:30 pm
Bodnar, Jenna Wild	English	Oral Presentation	Sharon Dilworth Wright	English 12:20 am
Bolat, Arman Chelada - Contextually Aware Personal Assistant	Electrical & Computer Engineering	Poster Presentation	Jason Hong Rangos 3	Human Computer Interac... 12-2:30 pm
Bopalkar, Ajit Carnegie Mellon Dining Habits	Business Administration	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Borst, Katherine Characterization of Unconfinability for Certain Classes of Polygonal Cells	Mathematics	Poster Presentation	John Mackey Wean Commons-1st Floor, Connan side	Mathematics 3-5 pm
Botnick, Abby Still Burning	BHA	Performing Arts, McConomy	Judith Conte McConomy Auditorium	Drama 1-1:30 pm
Botta, Adrian Modeling Ebola Transmissions	Economics and Statistics	Poster Presentation	William Eddy Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Bradford, Kathryn A Heat Vulnerability Index and Adaptation Solutions for Pittsburgh, Pennsylvania	Civil and Environmental Engineering	Poster Presentation	Kelly Klima Rangos 1 & 2/Sigma Xi Group 9	Engineering and Public... 11:30 am
Branch, Vanessa 90s Nostalgia- Developing An Original Television Animated Series	BHA	Oral Presentation	Kenya Dworkin y Mendez Peter	Modern Languages 12:00 pm
Breitfeller, Marisa Sumner and Murphy, Incorporated	English	Oral Presentation	James Daniels Pake	English 3:40 pm
Buckman, Jacob A Scone-Based Semantic Parser	Language Technologies Inst.	Poster Presentation	Scott Fahlman Rangos 1 & 2/Sigma Xi Group 7	Language Technologies ... 11:30 am
Burlingham, Charles Role of spatial frequency in rapid scene processing	BHA	Poster Presentation	Marlene Behrmann Rangos 1 & 2/Sigma Xi Group 8	Psychology 10:15 am

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Campos Zamora, Daniel BeSpoke	BHA	Oral Presentation	Susanne Slavik McKenna	Art 1:00 pm
Carleton, Neil Carnegie Mellon's Global Medical Brigades Goes to Nicaragua	Chemical Engineering	Poster Presentation	Jason D'Antonio Hoch Commons-2nd Floor, Rangos side	Biological Sciences 12-2:30 pm
Celentano, Alexandra STREAM: Sensor That Reports Endocrine Activating Molecules	Business Administration	Poster Presentation	Diana Marculescu Rangos 1 & 2/Sigma Xi Group 2	Electrical & Computer ... 10:45 am
Cerny, Alexandra Optimizing a Bleach-Based Clock Reaction Using Mathematical Modeling	Chemical Engineering	Poster Presentation	Aditya Khair Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 3-5 pm
Chang, Andersen Modeling Ebola Transmissions	Statistics	Poster Presentation	William Eddy Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Chang, Andersen NHL Shot Location Adjustment	Statistics	Poster Presentation	Andrew Thomas Hoch Commons-2nd Floor, Window side	Statistics 12-2:30 pm
Chang, Elizabeth CMU Freshmen Meal Plan Satisfaction	Statistics	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Charles, Shaquille Implications of the Patient-Physician Relationship for Satisfaction and Adherence among Adults with Diabetes	Psychology	Poster Presentation	Vicki Helgeson Rangos 1 & 2/Sigma Xi Group 8	Psychology 11:15 am

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Chartouni, Joseph The Hydrosurgery Project	Robotics Institute	Poster Presentation	Howie Choset Rangos 1 & 2/Sigma Xi Group 7	Robotics Institute 10:15 am
Chawla, Arushi Cost Benefit Analysis of FACTS Devices	Electrical & Computer Engineering	Poster Presentation	Ines Azevedo Rangos 3	Engineering and Public... 12-2:30 pm
Chawla, Arushi Punitive Damages and Deterrent Effect of Financial Regulations	Electrical & Computer Engineering	Oral Presentation	Joachim Groeger Wright	Economics 1:20 pm
Chen, Alex High Temperature Lead-free Solder Magnetic Reflow	Materials Science Engineering	Poster Presentation	Michael McHenry Kirr Commons-1st Floor, Window side	Materials Science Engi... 3-5 pm
Chen, Brittany Predicting Galaxy Ellipticity From Other Galaxy Properties	Statistics	Poster Presentation	Peter Freeman Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Chen, Maggie Analysis of Mechanical and Thermometric Properties of PEG-BSA	Chemical Engineering	Oral Presentation	Michael Bockstaller Peter	Materials Science Engi... 1:20 pm
Chen, Sherry Pet Match	Information Systems	Poster Presentation	Jeria Quesenberry Hoch Commons-2nd Floor, Window side	Information Systems 12-2:30 pm
Cheng, Charlton Carnegie Mellon undergraduate students' attitudes towards the university's current athletic facilities and their anticipation for the new CUC Gym.	Economics	Poster Presentation	Jared Murray Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm

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Cheung, Stephanie	BSA		Hy Trac	Physics
Death and Rebirth in the Stars		Oral Presentation	Peter	4:20 pm
Cheyette, Sam	Psychology			
A Computational Account of the N400		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 8	10:30 am
Chiappa, Peter	Mechanical Engineering		Cecil Higgs	Mechanical Engineering
Reactor Coolant Pump Seal Performance: Multiphysics Modeling		Poster Presentation	Rangos 3	12-2:30 pm
Chin, Kenneth	Materials Science Engineering		Robert Heard	Materials Science Engi...
Exploring Low Energy Methods of Decontouring Waste Plastic Bottles to Create Uniform Plastic Ribbon Material		Poster Presentation	Hoch Commons-2nd Floor, Window side	12-2:30 pm
Chiu, Samantha	Psychology		M. Stephanie Murray	BHA
Rift		Visual Arts	Connan	3-5 pm
Cho, Edwin	Architecture		Mary-Lou Arscott	Architecture
Architecture of Darkness: The Heterotopia of Slight		Visual Arts	Connan	12-2:30 pm
Cho, Edwin	Electrical & Computer Engineering		William Whittaker	Robotics Institute
Modular Wheel Based Electronic Enclosure		Poster Presentation	Kirr Commons-1st Floor, Window side	12-2:30 pm
Choi, Dong Hyun	Electrical & Computer Engineering		Jason Hong	Human Computer Interac...
Providing New Business Analytics Through Geotagged Social Media Data		Poster Presentation	Rangos 3	12-2:30 pm

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Choi, John	BCSA		Golan Levin	Art
Halley: Ambassador Robot 001		Visual Arts	Connan	3-5 pm
Choi, Leeann	Statistics		Jared Murray	Statistics
Carnegie Mellon undergraduate students' attitudes towards the university's current athletic facilities and their anticipation for the new CUC Gym.		Poster Presentation	Kirr Commons-1st Floor, Window side	12-2:30 pm
Choing, Kelsey	Economics		Ariel Zetlin-Jones	Economics
Examining the Relationship Between Education Inequality and Income Inequality		Poster Presentation	Kirr Commons-1st Floor, Window side	3-5 pm
Chopra, Nivedita	Computer Science		Robert Simmons	Computer Science
Nipping Bugs in the Bud – Student Mistakes in Introductory Computer Science Classes		SCS Honors Thesis (Poster Presentation and Oral Presentation)	Class of '87	3:00 pm
Chou, Wendy	Psychology		Noboru Matsuda	Human Computer Interac...
Effect of Interface Design on Math Tutoring Application		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	12-2:30 pm
Chou, Wendy	Psychology		Jason Hong	Human Computer Interac...
Effects of Mobile Applications on Public Health in Honduras		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	3-5 pm
Christian, Nia	Mechanical Engineering		Philip LeDuc	Mechanical Engineering
Exploration of Algal Growth Systems		Poster Presentation	Rangos 3	12-2:30 pm
Chu, Jaime	Electrical & Computer Engineering		William Whittaker	Robotics Institute
Modular Wheel Based Electronic Enclosure		Poster Presentation	Kirr Commons-1st Floor, Window side	12-2:30 pm

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Ciriello, Catherine	Social & Decision Sciences		Geoffrey McGovern	Social & Decision Scie...
The United States Courts of Appeals and the Right to Bear Arms: Are Judges Deciding Second Amendment Cases Using Legal Precedent, Facts, or Ideology?		Oral Presentation	Wright	2:00 pm
Citrone, Robert	Statistics		Jared Murray	Statistics
Satisfaction in the CMU Student College Program		Poster Presentation	Wean Commons-1st Floor, Connan side	3-5 pm
Cobb, Andrew	History		Steven Schlossman	History
Do We Really Need the Marines? The Discourse of Opposition and Reconciliation from the 1770s to the 1970s		Oral Presentation	McKenna	4:00 pm
Cohen, Arielle	Psychology		Steven Schlossman	History
Historical insight into the Los Angeles Juvenile Court use of Forestry Camps and other institutions in the treatment of African American youth		Oral Presentation	Wright	3:40 pm
Cohon, Noah	Economics		Rebecca Lessem	Economics
From Burger to Burrito: Examining Growth and Development in the Franchised Restaurant Market		Poster Presentation	Wean Commons-1st Floor, Connan side	12-2:30 pm
Cole, Jeffrey	Mechanical Engineering		Cecil Higgs	Mechanical Engineering
An Investigation of the Wear of Polycrystalline Diamond Compact Cutters and Hard Rock Surfaces		Poster Presentation	Rangos 3	12-2:30 pm
Colombi, Gianfranco	Mechanical Engineering		Koushil Sreenath	Mechanical Engineering
Understanding Aerodynamic Properties of Quadrotors Near Surfaces for the Optimization in Performance and Design		Poster Presentation	Kirr Commons-1st Floor, Window side	12-2:30 pm
Combemale, Christophe	Science and Humanities Scholars		John Modell	History
Popular and Organized Processes of Political Legitimation: Theoretical Analysis and Historical Application		Poster Presentation	Wean Commons-1st Floor, Connan side	12-2:30 pm

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Cordts, Seth Development of a Low-Cost Spinal Orthotic for Scoliosis	Mechanical Engineering	Poster Presentation	Conrad Zapanta Hoch Commons-2nd Floor, Window side	Biomedical Engineering 3-5 pm
Costanza, Adam Hybrid Control of a Parallel Wire Robot	Mechanical Engineering	Poster Presentation	Cameron Riviere Kirr Commons-1st Floor, Window side	Robotics Institute 3-5 pm
Cottiero, Gabriella Atomic Force Microscopy Analysis of Self-Healing Materials	Chemistry	Poster Presentation	Tomasz Kowalewski Hoch Commons-2nd Floor, Rangos side	Chemistry 3-5 pm
Croughan, William Reducing Blood Coagulation in Thoracic Artificial Lungs	Mathematics	Poster Presentation	Keith Cook Hoch Commons-2nd Floor, Window side	Biomedical Engineering 12-2:30 pm
Cruz, Ana Neurostimulation Using Improved Focusing of Ultrasound	Electrical & Computer Engineering	Poster Presentation	Pulkit Grover Wean Commons-1st Floor, Connan side	Electrical & Computer ... 3-5 pm
Cuenca, Rene Sustainability in Architecture: "Developing" Solutions for the Developed World	BHA	Oral Presentation	M. Stephanie Murray Pake	BHA 4:00 pm
Cullinane, Eamon Horizontal Ribbon Growth (HRG)	Chemical Engineering	Poster Presentation	Erik Ydstie Rangos 1 & 2/Sigma Xi Group 4	Chemical Engineering 10:30 am
Daids, Oliver Benchmarking Algorithms on the Xeon Phi	Computer Science	SCS Independent Study (Poster Presentation only)	Guy Blelloch Rangos Hallway, 2nd Floor	Computer Science 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Darby, Charlotte What's in a name? An expanded classification of xenologs	Biological Sciences	Poster Presentation	Dannie Durand Rangos 1 & 2/Sigma Xi Group 1	Biological Sciences 10:00 am
Dasbach, Stefan Unmanned Aerial Vehicle Rescue and Relief	Information Systems	Poster Presentation	Maxim Likhachev Hoch Commons-2nd Floor, Window side	Robotics Institute 12-2:30 pm
Davies, Samantha On Globally Defined Solutions of the Generalized CLM Equation	Mathematics	Poster Presentation	Rangos 1 & 2/Sigma Xi Group 9	10:15 am
Davis, Ryan Buggy Crash Test SURG	Physics	Poster Presentation	Kathryn Palko Kirr Commons-1st Floor, Window side	Student Affairs 3-5 pm
Degen, George Horizontal Ribbon Growth (HRG)	Chemical Engineering	Poster Presentation	Erik Ydstie Rangos 1 & 2/Sigma Xi Group 4	Chemical Engineering 10:30 am
Degen, George Optimizing Nanoparticle Formation for Delivery of Cancer Therapeutics	Chemical Engineering	Poster Presentation	Kathryn Whitehead Rangos 3	Chemical Engineering 12-2:30 pm
Dell, Zachary Effect of initial amplitude on the interfacial and bulk dynamics in Richtmyer-Meshkov instability under conditions of high energy density	Physics	Poster Presentation	Snejana Abarji Rangos 1 & 2/Sigma Xi Group 5	Physics 10:45 am
Demetris, Sascha Utilizing Electron Beam Melting to Build Mass-Optimized, High Strength Parts for High Performance Electric Vehicles Utilizing Additive Manufacturing Specific Mass Reduction Techniques	Mechanical Engineering	Poster Presentation	Philip LeDuc Wean Commons-1st Floor, Connan side	Mechanical Engineering 3-5 pm

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Denton, Rosalyn Coexistence	BHA	Performing Arts, McConomy	Carrie Hagan McConomy Auditorium	BHA 2-2:30 pm
Dickter, Adam Hemispheric Differences in Face Discrimination After Priming	Self-defined	Oral Presentation	Marlene Behrmann Pake	Psychology 1:00 pm
Dietz, Kelsey Predicting Undergraduate Passions: An Analysis of Major Migration at Carnegie Mellon	Social & Decision Sciences	Oral Presentation	Russell Golman Dowd	Social & Decision Scie... 11:40 am
Ding, Tianyuan XTransport	Computer Science	Poster Presentation	Srinivasan Seshan Rangos 1 & 2/Sigma Xi Group 7	Computer Science 11:15 am
Ding, Yongshan Analysis of reconstructed J/ meson candidates in pronto anti-proton collisions	Physics	Poster Presentation	James Russ Rangos 1 & 2/Sigma Xi Group 5	Physics 10:00 am
Dioso, Robert Conversion of a Consumer Level Additive Manufacturing System for Small Scale Filament Winding	Electrical & Computer Engineering	Poster Presentation	Eric Brockmeyer Hoch Commons-2nd Floor, Rangos side	Architecture 3-5 pm
Dippo, Olivia Development of a Low-Cost Spinal Orthotic for Scoliosis	Materials Science Engineering	Poster Presentation	Conrad Zapanta Hoch Commons-2nd Floor, Window side	Biomedical Engineering 3-5 pm
Dougherty, Patrick An Investigation of the Wear of Polycrystalline Diamond Compact Cutters and Hard Rock Surfaces	Mechanical Engineering	Poster Presentation	Cecil Higgs Rangos 3	Mechanical Engineering 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Eby, James Predicting the Masses of Galaxy Clusters Using Weighted Linear Regression	Statistics	Poster Presentation	Peter Freeman Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Edmonds, Isaiah Designing and Implementing an Enzymatic Fuel Cell Car	Chemical Engineering	Poster Presentation	Aditya Khair Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Ehrett, William Fighting antibiotic resistance with parallel computing	Electrical & Computer Engineering	Poster Presentation	Radu Marculescu Wean Commons-1st Floor, Connan side	Electrical & Computer ... 3-5 pm
Eiler, Kelsie The Stability and Interactions of Coated Nanoparticles	Chemical Engineering	Poster Presentation	Nisha Shukla Hoch Commons-2nd Floor, Rangos side	ICES 12-2:30 pm
Eisen, Uriel How quickly does silver-nanoparticle paper decontaminate water?	Design	Poster Presentation	Conrad Zapanta Hoch Commons-2nd Floor, Window side	Biomedical Engineering 3-5 pm
Embody, Julia Collective Security vs. Appeasement: The Response of Great Britain, the United States, and the Soviet Union to the Rise of German Fascism	History	Poster Presentation	Wendy Goldman Kirr Commons-1st Floor, Window side	History 3-5 pm
Emerson, Shepard Integration of Conductive Material Deposition with Existing FDM Technology	Electrical & Computer Engineering	Poster Presentation	David Bourne Hoch Commons-2nd Floor, Window side	Robotics Institute 3-5 pm
Emerson, Shepard Torque Vecotring for an RWD Independent Wheel Drive Electric Vehicle	Electrical & Computer Engineering	Poster Presentation	Koushil Sreenath Hoch Commons-2nd Floor, Window side	Mechanical Engineering 12-2:30 pm

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Essabhoy, Shaheen	Economics and Statistics		Jared Murray	Statistics
CMU Community's Attitude Toward Cross Registration at Pittsburgh Area Colleges		Poster Presentation	Kirr Commons-1st Floor, Window side	3-5 pm
Essien, Imaobong	Psychology		Vicki Helgeson	Psychology
Problem Solving Among Dating Couples		Poster Presentation	Kirr Commons-1st Floor, Window side	12-2:30 pm
Etzel, Emily	History		Karen Faulk	History
The Current Quebec Separatist Debate and its Influence on the First Nations of Quebec		Oral Presentation	Dowd	4:20 pm
Failla, Anna	BHA		M. Stephanie Murray	BHA
Assembly, Activism, and Architecture		Visual Arts	Connan	3-5 pm
Feldman, Jonathan	Chemistry		Mark Bier	Chemistry
The Analysis of Cowpea Mosaic Virus (CPMV) using STJ Cryodetection MALDI ToF Mass Spectrometry		Poster Presentation	Hoch Commons-2nd Floor, Window side	12-2:30 pm
Feng, Yitian	Economics and Statistics		Peter Freeman	Statistics
Detecting Connected Pairs of Galaxies		Poster Presentation	Kirr Commons-1st Floor, Window side	3-5 pm
Fernandes, Andrew	Statistics		Jared Murray	Statistics
Perception of Greek Life at CMU		Poster Presentation	Kirr Commons-1st Floor, Window side	3-5 pm
Fernau, Robert	Computer Science		Siddhartha Srinivasa	Robotics Institute
HERB Task Planning		SCS Independent Study (Poster Presentation only)	Rangos Hallway, 2nd Floor	12-2:30 pm

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Florman, Nadia Carnegie Mellon's Global Medical Brigades Goes to Nicaragua	Mechanical Engineering	Poster Presentation	Jason D'Antonio Hoch Commons-2nd Floor, Rangos side	Biological Sciences 12-2:30 pm
Ford, Shaun PocketChange	Information Systems	Poster Presentation	Larry Heimann Hoch Commons-2nd Floor, Rangos side	Information Systems 3-5 pm
Frankel, Alexandra Designing and Implementing an Enzymatic Fuel Cell Car	Chemical Engineering	Poster Presentation	Aditya Khair Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Frankel, Alexandra Dynamics of Discharging Electrolyte Cells	Chemical Engineering	Poster Presentation	Aditya Khair Rangos 3	Chemical Engineering 12-2:30 pm
Frankel, Alexandra Optimization of a Battery Powered Car with Manometer Stopping Mechanism	Chemical Engineering	Poster Presentation	Aditya Khair Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Frankel, Alexandra Optimizing a Bleach-Based Clock Reaction Using Mathematical Modeling	Chemical Engineering	Poster Presentation	Aditya Khair Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 3-5 pm
Friedman, Lucas Development of a Low-Cost Spinal Orthotic for Scoliosis	Materials Science Engineering	Poster Presentation	Conrad Zapanta Hoch Commons-2nd Floor, Window side	Biomedical Engineering 3-5 pm
Fritz, Morgan Modified Inhaler Adapter	Design	Poster Presentation	Conrad Zapanta Hoch Commons-2nd Floor, Window side	Biomedical Engineering 12-2:30 pm

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Fu, Shiqi Simulation of Stress Concentration with a Fast Fourier Transform Model	Materials Science Engineering	Poster Presentation	Anthony Rollett Rangos 3	Materials Science Engi... 12-2:30 pm
Fu, Tiffany Carnegie Mellon's Global Medical Brigades Goes to Nicaragua	Materials Science Engineering	Poster Presentation	Jason D'Antonio Hoch Commons-2nd Floor, Rangos side	Biological Sciences 12-2:30 pm
Ganesharajah, Shahana External Unit for Retinal Prosthesis	Mechanical Engineering	Poster Presentation	Shawn Kelly Rangos 1 & 2/Sigma Xi Group 6	ICES 11:30 am
Gao, Keenan Optimal Investments	Mathematics	Poster Presentation	William Hrusa Rangos 1 & 2/Sigma Xi Group 9	Mathematics 10:30 am
Garber, Manuel Fantasy or Reality? Expected Salary Perceptions of Carnegie Mellon University Undergraduate Students	Statistics	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Garcia, Adriana External Unit for Retinal Prosthesis	Design	Poster Presentation	Shawn Kelly Rangos 1 & 2/Sigma Xi Group 6	ICES 11:30 am
Garrison, Philip Good Graph Hunting	Mathematics	Poster Presentation	Kirr Commons-1st Floor, Window side	12-2:30 pm
Gerber, Alex From Burger to Burrito: Examining Growth and Development in the Franchised Restaurant Market	Economics	Poster Presentation	Rebecca Lessem Wean Commons-1st Floor, Connan side	Economics 12-2:30 pm

Meeting of the Minds 2015

Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Giannangeli, Natalie #InstaCuba: Viewing Cuban Identity through the Tourist Filter	History	Oral Presentation	Therese Tardio McKenna	Modern Languages 12:00 pm
Goetz, Alexa Music in the Pediatric Dental Office	BSA	Poster Presentation	Sharon Carver Hoch Commons-2nd Floor, Window side	Psychology 3-5 pm
Goldberg, Elana Pick Your Poison: A Ten Minute Film	English	Oral Presentation	Sharon Dilworth Pake	English 1:40 pm
Goldman, Jonathan Spliddit — Unleashing Fair Division Algorithms	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Ariel Procaccia Class of '87	Computer Science 3:40 pm
Graham, Blair Renewable Resource Polymer Nanocomposite Materials	Materials Science Engineering	Poster Presentation	Newell Washburn Rangos 3	Chemistry 12-2:30 pm
Green, Erica Characterization of IgG Antibody Transport Through Protein A Chromatography Media	Chemical Engineering	Poster Presentation	Todd Przybycien Rangos 1 & 2/Sigma Xi Group 2	Biomedical Engineering 11:00 am
Green, Erica EZ-ECMO: Novel Expandable Catheter for Extracorporeal Membrane Oxygenation	Chemical Engineering	Poster Presentation	Conrad Zapanta Rangos 1 & 2/Sigma Xi Group 4	Biomedical Engineering 10:15 am
Green, Jordan Measurement of Film Growth by Surface-initiated Atom Transfer Radical Polymerization	Chemical Engineering	Poster Presentation	Robert Tilton Rangos 3	Chemical Engineering 12-2:30 pm

Meeting of the Minds 2015

Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Greenberg, Matthew Improving Portfolio Performance Using Market Timing: Examining if a Predicting Variable can Increase Portfolio Performance	Economics	Poster Presentation	Ariel Zetlin-Jones Hoch Commons-2nd Floor, Window side	Economics 12-2:30 pm
Groschner, Catherine Structure Property Relationships in Prussian Blue Type Materials for Grid Scale Energy Storage	Materials Science Engineering	Poster Presentation	Jay Whitacre Rangos 3	Materials Science Engi... 12-2:30 pm
Guo, Tian Research on Characterization of 4-Ordered Cycle in Planar Graphs	Mathematics	Poster Presentation	Jie Ma Hoch Commons-2nd Floor, Rangos side	Mathematics 3-5 pm
Hajzus, Jenifer Characterization of Electrical Contacts to WS2	Materials Science Engineering	Poster Presentation	Lisa Porter Hoch Commons-2nd Floor, Window side	Materials Science Engi... 12-2:30 pm
Ham, James Anti-MUC1 Chimeric Antigen Receptor Therapy	Chemical Engineering	Oral Presentation	Conrad Zapanta Peter	Biomedical Engineering 2:00 pm
Hamilton, Kaitlin Development of a cleaning assay for removal of viral contamination from atomic force microscopy probes: A game changer for imaging resolution	Biological Sciences	Poster Presentation	Alex Evilevitch Rangos 1 & 2/Sigma Xi Group 2	Physics 10:00 am
Hammarberg, Stowe External Unit for Retinal Prosthesis	Design	Poster Presentation	Shawn Kelly Rangos 1 & 2/Sigma Xi Group 6	ICES 11:30 am
Harris, Steven Transition from High Harmonic Fast Wave to Whistler Regime in Tokamaks	Physics	Poster Presentation	Hoch Commons-2nd Floor, Window side	3-5 pm

Meeting of the Minds 2015

Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Hartwig, Ian Bicycle Collision Warnings with Shared Trajectory Tracking	Electrical & Computer Engineering	Poster Presentation	Anthony Rowe Rangos 3	Electrical & Computer ... 12-2:30 pm
Harwitz, Emily Development of Broad-Spectrum Antibiotics	Chemistry	Poster Presentation	Danith Ly Hoch Commons-2nd Floor, Rangos side	Chemistry 12-2:30 pm
Haug, Korey Etchy: CNC Laser Etcher	Mechanical Engineering	Poster Presentation	Bonita Olson Rangos 1 & 2/Sigma Xi Group 6	Mechanical Engineering 10:30 am
Haug, Korey Modular Manufacturing Snake Robot Deployment System	Mechanical Engineering	Poster Presentation	Howie Choset Rangos 1 & 2/Sigma Xi Group 6	Robotics Institute 10:45 am
Havens, Lucy Browser Tab Usage During Information Foraging and Sensemaking	Information Systems	Poster Presentation	Aniket Kittur Hoch Commons-2nd Floor, Window side	Human Computer Interac... 3-5 pm
Haynes, Izaia CMU Freshmen Meal Plan Satisfaction	Statistics	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Heard, Brent An Econometric Estimation of Deadweight Loss in Pennsylvania's Water Market	Economics	Oral Presentation	Joachim Groeger Wright	Economics 12:00 pm
Hedgebeth, Mattie Attachment Style Differences in the Amount of and Effectiveness of Received Support	Psychology	Poster Presentation	Brooke Feeney Kirr Commons-1st Floor, Window side	Psychology 3-5 pm

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Hegglin, Miriam A Heat Vulnerability Index and Adaptation Solutions for Pittsburgh, Pennsylvania	Civil and Environmental Engineering	Poster Presentation	Kelly Klima Rangos 1 & 2/Sigma Xi Group 9	Engineering and Public... 11:30 am
Hermalin, Noah The Nature of Logography and its Implications for Second-Language Learners of Written Japanese	Linguistics	Poster Presentation	Thomas Werner Wean Commons-1st Floor, Connan side	Philosophy 12-2:30 pm
Hernandez, Alexandria Living Out the Words	History	Poster Presentation	Nico Slate Kirr Commons-1st Floor, Window side	History 3-5 pm
Hernandez Cazares, Luis InGaN Materials for Underwater Photovoltaic Conversion	Mechanical Engineering	Poster Presentation	Robert Davis Kirr Commons-1st Floor, Window side	Materials Science Engi... 12-2:30 pm
Holay, Maya Carnegie Mellon's Global Medical Brigades Goes to Nicaragua	Chemical Engineering	Poster Presentation	Jason D'Antonio Hoch Commons-2nd Floor, Rangos side	Biological Sciences 12-2:30 pm
Holladay, Rachel Intent Expressive Robotic Pointing	Computer Science	Poster Presentation	Siddhartha Srinivasa Rangos 1 & 2/Sigma Xi Group 7	Robotics Institute 11:00 am
Horgan, Shannon Exploration of Algal Growth Systems	Mechanical Engineering	Poster Presentation	Philip LeDuc Rangos 3	Mechanical Engineering 12-2:30 pm
Horton, Emmett Engineers Without Borders - Plastic Thatch	Civil and Environmental Engineering	Poster Presentation	Robert Heard Hoch Commons-2nd Floor, Window side	Materials Science Engi... 3-5 pm

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Hsue, Victor	Computational Biology		Natalia Hiller	Biological Sciences
Using Contemporary Imaging Techniques to Characterize Brain Injury in Sepsis		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 1	10:15 am
Huang, Ian	Computer Science		Guy Blelloch	Computer Science
Cache Efficient Dynamic Programming Algorithms		SCS Honors Thesis (Poster Presentation and Oral Presentation)	Class of '87	1:20 pm
Huang, Jennifer	Biological Sciences		Brooke McCartney	Biological Sciences
The Gut-Microbiome-Brain Connection		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 1	11:00 am
Huang, Katherine	Biological Sciences		Veronica Hinman	Biological Sciences
The effects of inhibiting Wnt signaling on gene expression in regenerating <i>Patiria miniata</i>		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 1	11:30 am
Huang, Nicole	Mechanical Engineering		Jason D'Antonio	Biological Sciences
Carnegie Mellon's Global Medical Brigades Goes to Nicaragua		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	12-2:30 pm
Hudak, Marko	Economics and Statistics		Stephen Spear	Economics
High Frequency Trading, International Markets, and Regulation		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 9	10:45 am
Hughes, Taylor	Mechanical Engineering		Bonita Olson	Mechanical Engineering
Etchy: CNC Laser Etcher		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 6	10:30 am
Hunter, Kevin	Physics		Kevin Noonan	Chemistry
Diphenyl Thiophene-S,S-Dioxides for use in Electron Relay Systems for Water Reduction		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 5	10:30 am

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Hutner, Andrew VTOL Drone Development	Mechanical Engineering	Poster Presentation	Satbir Singh Rangos 1 & 2/Sigma Xi Group 6	Mechanical Engineering 11:15 am
Idouchi, Kacey Synthesis of a chiral alpha helical peptide and determining its potential as a spin filter	Chemistry	Poster Presentation	Catalina Achim Rangos 1 & 2/Sigma Xi Group 3	Chemistry 11:15 am
Imas, Elizabeth Experimental Comics	BHA	Visual Arts	John Pena Connan	Art 3-5 pm
Imola, Jacob The results of applying Kalman filters on Spectral Embedding representation of video data for motion prediction	Computer Science	SCS Independent Study (Poster Presentation only)	Geoffrey Gordon Rangos Hallway, 2nd Floor	Human Computer Interac... 3-5 pm
Ismail, Alaaddin Comparing Graphene and Transition Metal Dichalcogenides (TMDs) by Analyzing Their Usability as Channel Materials in Field-Effect Transistors	Physics	Poster Presentation	Randall Feenstra Wean Commons-1st Floor, Connan side	Physics 12-2:30 pm
Jaime Garza, Roberto Evaluation of Turbulence Models for High-Speed Internal Combustion Engines	Mechanical Engineering	Poster Presentation	Satbir Singh Hoch Commons-2nd Floor, Rangos side	Mechanical Engineering 12-2:30 pm
James, Jacqueline Collaged Narrative	English	Oral Presentation	Sharon Dilworth McKenna	English 1:20 pm
Jang, Sukjin Characterization and Analysis of Noncovalent Complexes Formed between Fluorogenic Dyes and Fluorescence Activating Protein (FAP)	Chemistry	Poster Presentation	Bruce Armitage Rangos 1 & 2/Sigma Xi Group 3	Chemistry 10:15 am

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Jassal, Neil	Electrical & Computer Engineering		Aditya Khair	Chemical Engineering
Optimizing a Bleach-Based Clock Reaction Using Mathematical Modeling		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	3-5 pm
Jin, Tian	Computer Science		Fernando De La Torre Frade	Robotics Institute
The Tree of Life		SCS Independent Study (Poster Presentation only)	Rangos Hallway, 2nd Floor	12-2:30 pm
Jin, Yichu	Mechanical Engineering		Carmel Majidi	Mechanical Engineering
Design and Fabrication of Crawling Robot Using Dielectric Elastomer Actuator		Oral Presentation	Wright	12:40 pm
Ju, Evaline	Electrical & Computer Engineering		John Galeotti	Robotics Institute
An algorithm for rendering images that support depth perception from stereo while excluding pictorial gradients: Verification with a stereo microscope at 7.5x magnification		Poster Presentation	Wean Commons-1st Floor, Connan side	3-5 pm
Justl, Kimberly	Materials Science Engineering		Michael Bockstaller	Materials Science Engi...
The Effect of Annealing Temperature on Phase Separation in Two-Component Polymer-Grafted Nanoparticle Films		Poster Presentation	Rangos 3	12-2:30 pm
Kaffine, Meghan	Electrical & Computer Engineering		Shawn Kelly	ICES
External Unit for Retinal Prosthesis		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 6	11:30 am
Kaku, Barclay	Biological Sciences		Jonathan Minden	Biological Sciences
Discovering biomarkers for Rheumatoid Arthritis-associated Interstitial Lung Disease using a novel protein capture method		Poster Presentation	Hoch Commons-2nd Floor, Window side	12-2:30 pm
Kao, Alison	Computer Science		David Brumley	Electrical & Computer ...
ReCFI: Transparent CFI Security for ARM		SCS Independent Study (Poster Presentation only)	Rangos Hallway, 2nd Floor	3-5 pm

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Kapur, Jay	Social & Decision Sciences		Jared Murray	Statistics
Opinions and Satisfaction with Blackboard Course Management Software Among Undergraduate Students		Poster Presentation	Wean Commons-1st Floor, Connan side	3-5 pm
Karol, Kevin	BCSA		Carrie Hagan	BHA
The Consultants		Performing Arts, McConomy	McConomy Auditorium	12-1 pm
Kellman, Michael	Electrical & Computer Engineering		Richard Stern	Electrical & Computer ...
Robust Physiologically-Based Speech Recognition		Poster Presentation	Rangos 3	12-2:30 pm
Kelly, Sara	Chemical Engineering		Meagan Mauter	Chemical Engineering
Testing fouling mechanisms in reverse osmosis desalination plants		Poster Presentation	Rangos 3	12-2:30 pm
Kelner, Braden	English		Jane McCafferty	English
What Keeps Us Going: An Exploration of Experiences at the East End Cooperative Ministry		Oral Presentation	Pake	11:40 am
Khutoretsky, Maria	Computer Science		Nancy Pollard	Robotics Institute
Quadratic Encoding for 3D Hand Pose Reconstruction		SCS Honors Thesis (Poster Presentation and Oral Presentation)	Class of '87	3:20 pm
Kim, Jaewoo	Materials Science Engineering		Aditya Khair	Chemical Engineering
Optimization of a Battery Powered Car with Manometer Stopping Mechanism		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	12-2:30 pm
Kim, Jiyeon	BHA		Dylan Vitone	Design
Hello from History		Visual Arts	Connan	12-2:30 pm

Meeting of the Minds 2015

Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Kim, Keon Woo	Economics and Statistics		Joseph Kadane	Statistics
Sampling Genotoxicity of Chemical Structures Using Metropolis-Hastings Algorithm		Oral Presentation	Dowd	3:40 pm
Kim, Sean	Chemical Engineering		Adam Feinberg	Biomedical Engineering
Increasing Engineered Cardiac Muscle Tissue Alignment in 2D		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 2	11:45 am
Kim, Soyoung	Chemical Engineering		James Schneider	Chemical Engineering
Multiplexed let-7 microRNA Detection via Sandwich Hybridization Capillary Electrophoresis		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	3-5 pm
Klingensmith, Jacob	BCSA		H. Brown	Robotics Institute
Interactive Alphabet Blocks		Visual Arts	Connan	3-5 pm
Koganti, Rikky Roy	Computer Science		Maxim Likhachev	Robotics Institute
Developing Smarter Artificial Intelligence for Companion Characters in Games		SCS Independent Study (Poster Presentation only)	Rangos Hallway, 2nd Floor	3-5 pm
Kopli, Ruban	Mechanical Engineering		David Bourne	Robotics Institute
Integration of Conductive Material Deposition with Existing FDM Technology		Poster Presentation	Hoch Commons-2nd Floor, Window side	3-5 pm
Kositsky, Rachel	Computer Science		Robert Murphy	Computational Biology
Comparing Likelihoods of Subcellular Organization Models		Poster Presentation	Kirr Commons-1st Floor, Window side	3-5 pm
Krasner, Stanley	Economics		Yaroslav Kryukov	Economics
Examining Applications of Fourier Transforms to Financial Data and Covariance Estimation		Oral Presentation	Wright	1:00 pm

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Krasner, Stanley	Economics		Jared Murray	Statistics
Opinions and Satisfaction with Blackboard Course Management Software Among Undergraduate Students		Poster Presentation	Wean Commons-1st Floor, Connan side	3-5 pm
Krishna, Dhruva	Ethics, History & Public Policy		Christopher Warren	English
Shakespeare and Economics: Connecting The Life and Death of King John to Changes in England's Economy during Shakespeare's Time		Oral Presentation	Pake	3:20 pm
Krishnan, Vivek	Computer Science		Kris Kitani	Robotics Institute
An Exploration of Food Detection		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	3-5 pm
Ku, Kevin	Computer Science		Jason Hong	Human Computer Interac...
Privacy Grade: Grading The Privacy of Smartphone Apps		SCS Independent Study (Poster Presentation only)	Rangos Hallway, 2nd Floor	3-5 pm
Kubiak, Joshua	Materials Science Engineering		Aditya Khair	Chemical Engineering
Designing and Implementing an Enzymatic Fuel Cell Car		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	12-2:30 pm
Kubiak, Joshua	Materials Science Engineering		Robert Heard	Materials Science Engi...
Improvements to Composite Suspension Design and Load Data Analysis		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	12-2:30 pm
Kubiak, Joshua	Materials Science Engineering		Michael Bockstaller	Materials Science Engi...
Investigation of Phase Separation in Multicomponent Particle Brush Thin Films for Quantum Dot Processing Applications		Poster Presentation	Kirr Commons-1st Floor, Window side	12-2:30 pm
Kubiak, Joshua	Materials Science Engineering		Aditya Khair	Chemical Engineering
Optimization of a Battery Powered Car with Manometer Stopping Mechanism		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	12-2:30 pm

Meeting of the Minds 2015

Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Kubiak, Joshua Optimizing a Bleach-Based Clock Reaction Using Mathematical Modeling	Materials Science Engineering	Poster Presentation	Aditya Khair Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 3-5 pm
Kubiak, Joshua Utilizing Electron Beam Melting to Build Mass-Optimized, High Strength Parts for High Performance Electric Vehicles Utilizing Additive Manufacturing Specific Mass Reduction Techniques	Materials Science Engineering	Poster Presentation	Philip LeDuc Wean Commons-1st Floor, Connan side	Mechanical Engineering 3-5 pm
Kukreja, Anusha Learning French Online	Statistics	Poster Presentation	Rebecca Nugent Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Kumar, Ananya Cooperative Localization with Symbiotic Rovers	Computer Science	Poster Presentation	William Whittaker Wean Commons-1st Floor, Connan side	Robotics Institute 12-2:30 pm
Kurosawa, George Effect of Wealth Tax on Investment	Economics	Poster Presentation	Rebecca Lessem Wean Commons-1st Floor, Connan side	Economics 12-2:30 pm
Kwak, Darun Customer Satisfaction: Steel Cactus	Business Administration	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Lam, Nicholas Fantasy or Reality? Expected Salary Perceptions of Carnegie Mellon University Undergraduate Students	Economics and Statistics	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Lareau, John A Light Touch	Electrical & Computer Engineering	Visual Arts	Paolo Pedercini Connan	Art 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Larrabee, Julia	Design		Dylan Vitone	Design
Collaged Narrative		Oral Presentation	McKenna	1:40 pm
Lee, Ghee Rye	Chemistry			
Inhaled carbon monoxide induces a phenotypic shift in macrophages		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 2	11:15 am
Lee, Jacqueline	Biological Sciences		Alan Rosenbloom	ICES
Micro-fluidic System with Partitioned Samples		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 2	10:30 am
Lee, James	Statistics		Jared Murray	Statistics
Customer Satisfaction: Steel Cactus		Poster Presentation	Wean Commons-1st Floor, Connan side	12-2:30 pm
Lee, John Wen-Hao	Electrical & Computer Engineering		Aswin Sankaranarayanan	Electrical & Computer ...
Signal Processing in Microscope Construction		Poster Presentation	Rangos 3	12-2:30 pm
Lee, Katherine	BHA		Susanne Slavik	Art
With		Oral Presentation	Peter	11:40 am
Lee, Matthew	Electrical & Computer Engineering		Bonita Olson	Mechanical Engineering
Etchy: CNC Laser Etcher		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 6	10:30 am
Lee, Theodore	Electrical & Computer Engineering		Eric Brockmeyer	Architecture
Conversion of a Consumer Level Additive Manufacturing System for Small Scale Filament Winding		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	3-5 pm

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Lee, Theodore	Electrical & Computer Engineering		Satbir Singh	Mechanical Engineering
Optimization of Aerodynamic Dirigible Designs for Self-Deterministic Delivery Drones		Poster Presentation	Hoch Commons-2nd Floor, Window side	12-2:30 pm
Lee, Theodore	Electrical & Computer Engineering		Philip LeDuc	Mechanical Engineering
Utilizing Electron Beam Melting to Build Mass-Optimized, High Strength Parts for High Performance Electric Vehicles Utilizing Additive Manufacturing Specific Mass Reduction Techniques		Poster Presentation	Wean Commons-1st Floor, Connan side	3-5 pm
Lee, Yeram	Statistics		Jared Murray	Statistics
Satisfaction in the CMU Student College Program		Poster Presentation	Wean Commons-1st Floor, Connan side	3-5 pm
Leino, Klas	Computer Science		Guy Blelloch	Computer Science
Data-Aware Auto-Tuning and Techniques for Improving Parallel Sorting Performance		SCS Honors Thesis (Poster Presentation and Oral Presentation)	Class of '87	12:40 pm
Leino, Klas	Computer Science		Guy Blelloch	Computer Science
Data-Aware Auto-Tuning and Techniques for Improving Parallel Sorting Performance		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 7	10:30 am
Lemus, Andria	Mechanical Engineering		Aditya Khair	Chemical Engineering
Optimizing a Bleach-Based Clock Reaction Using Mathematical Modeling		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	3-5 pm
Leng, Yifan	Statistics		Jared Murray	Statistics
Carnegie Mellon undergraduate students' attitudes towards the university's current athletic facilities and their anticipation for the new CUC Gym.		Poster Presentation	Kirr Commons-1st Floor, Window side	12-2:30 pm
Li, Wenxuan	Computer Science		james Bagnell	Robotics Institute
Developing Practical Software for Real-time Web News Article Summarization		Oral Presentation	Peter	4:40 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Li, Xiaofan Distributed Key-value Servers using Raspberry Pis	Electrical & Computer Engineering	Poster Presentation	Kayvon Fatahalian Hoch Commons-2nd Floor, Rangos side	Computer Science 3-5 pm
Limbu, Matthew Opinions and Satisfaction with Blackboard Course Management Software Among Undergraduate Students	Economics	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Lu, David RoboMouth	Electrical & Computer Engineering	Performing Arts, McConomy	Thomas Sullivan McConomy Auditorium	Electrical & Computer ... 1:30-2 pm
Lu, Wei Mon Conversion of a Consumer Level Additive Manufacturing System for Small Scale Filament Winding	Chemical Engineering	Poster Presentation	Eric Brockmeyer Hoch Commons-2nd Floor, Rangos side	Architecture 3-5 pm
Lu, Willa Carnegie Mellon Dining Habits	Business Administration	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Lula, Chloe The Contextual Implementation of Health Technologies in Overdose Control and Hepatitis C Prevention	English	Oral Presentation	Caroline Acker Dowd	History 4:40 pm
Ly, Monica Restoration of motor and cognitive function via lithium treatment in rats with experimental traumatic brain injury	BHA	Oral Presentation	Daniel Brasier Wright	Biological Sciences 4:20 pm
MacCalla, Dominique STREAM: Sensor That Reports Endocrine Activating Molecules	Biomedical Engineering	Poster Presentation	Diana Marculescu Rangos 1 & 2/Sigma Xi Group 2	Electrical & Computer ... 10:45 am

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Maercklein, Elissa CMU Freshmen Meal Plan Satisfaction	Business Administration	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Maeshima, Rinko Designing and Implementing an Enzymatic Fuel Cell Car	Chemical Engineering	Poster Presentation	Aditya Khair Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Malerba, Alexander CMU Community's Attitude Toward Cross Registration at Pittsburgh Area Colleges	Statistics	Poster Presentation	Jared Murray Kirr Commons-1st Floor, Window side	Statistics 3-5 pm
Mani, Shouvik Speck: Visualizing Air Quality in U.S. Cities	Economics	Poster Presentation	Illah Nourbakhsh Rangos 1 & 2/Sigma Xi Group 9	Robotics Institute 11:00 am
Mao, Cat Development of Broad-Spectrum Antibiotics	History	Poster Presentation	Danith Ly Hoch Commons-2nd Floor, Rangos side	Chemistry 12-2:30 pm
Marce-Santurio, Guillermo Customer Satisfaction: Steel Cactus	Statistics	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Martin, Christi Improvements to Composite Suspension Design and Load Data Analysis	Electrical & Computer Engineering	Poster Presentation	Robert Heard Hoch Commons-2nd Floor, Rangos side	Materials Science Engi... 12-2:30 pm
Massey, Philip Literary Social Network Inference	Computer Science	SCS Independent Study (Poster Presentation only)	Natalie Smith Rangos Hallway, 2nd Floor	Computer Science 12-2:30 pm

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Matamala, Nicole STREAM: Sensor That Reports Endocrine Activating Molecules	Civil and Environmental Engineering	Poster Presentation	Diana Marculescu Rangos 1 & 2/Sigma Xi Group 2	Electrical & Computer ... 10:45 am
Matty, Michael Quantifying Thermal Fluctuations in Superparamagnetic Nanoparticles.	Physics	Poster Presentation	Sara Majetich Hoch Commons-2nd Floor, Rangos side	Physics 12-2:30 pm
McCoy, Bridget Voces Peninsulares	BHA	Oral Presentation	M. Stephanie Murray Wright	BHA 1:40 pm
McGuire, Conor Modified Inhaler Adapter	Materials Science Engineering	Poster Presentation	Conrad Zapanta Hoch Commons-2nd Floor, Window side	Biomedical Engineering 12-2:30 pm
McKeough, Kathryn Redshift Dependence of the Power Spectrum for Sloan Digital Sky Survey Data Release 11 Quasars	Science and Humanities Scholars	Oral Presentation	Peter Freeman Dowd	Statistics 2:00 pm
McKinney, Danielle Examining the Relationship Between Education Inequality and Income Inequality	Economics	Poster Presentation	Ariel Zetlin-Jones Kirr Commons-1st Floor, Window side	Economics 3-5 pm
Mehrle, David Newman's Conjecture in Function Fields	Mathematics	Poster Presentation	Russel Walker Rangos 1 & 2/Sigma Xi Group 9	Mathematics 10:00 am
Metro, Luke Efficacy of Commercial Electronics for Space Missions	Electrical & Computer Engineering	Poster Presentation	William Whittaker Kirr Commons-1st Floor, Window side	Robotics Institute 12-2:30 pm

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Meza, Jeremy	Science and Humanities Scholars		Russel Walker	Mathematics
Explicit Bounds for the Pseudospectra of Matrices and Operators		Poster Presentation	Kirr Commons-1st Floor, Window side	12-2:30 pm
Michalak, Jackson	Computer Science		Kris Kitani	Robotics Institute
An Exploration of Food Detection		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	3-5 pm
Michel-Schottman, Laurel	BSA		M. Stephanie Murray	BHA
Daddy Issues		Poster Presentation	Hoch Commons-2nd Floor, Window side	3-5 pm
Millette, Amira	Psychology		Timothy Verstynen	Psychology
Exploring the relationship between obesity and motor sequence learning		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 8	11:00 am
Mingo, Michael	English		Kevin Gonzalez	English
The Players, the Rules, and the World		Oral Presentation	Pake	4:40 pm
Misitano, William	Social & Decision Sciences		Martha Dunigan	Social & Decision Scie...
Evolution of Naval Special Warfare: What Makes a Mission Successful		Oral Presentation	Dowd	12:00 pm
Mohanty, Sidhanth	Computer Science		Geoffrey Gordon	Human Computer Interac...
The results of applying Kalman filters on Spectral Embedding representation of video data for motion prediction		SCS Independent Study (Poster Presentation only)	Rangos Hallway, 2nd Floor	3-5 pm
Monroe, Madeline	Biomedical Engineering		Adam Feinberg	Biomedical Engineering
Patterning Biomimetic Hydrogel-based Scaffolds for Cardiac Tissue Engineering		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	12-2:30 pm

Meeting of the Minds 2015

Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Moon, Michelle	Chemistry		Bruce Armitage	Chemistry
Characterization of Internally-Labeled Peptide Nucleic Acid (PNA) Fluorescent Probes		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 3	10:30 am
Moraca, Grace	Physics		Stephen Garoff	Physics
Methods for the use of Lipids as Surfactant Spreaders		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 5	11:15 am
Morales, Cecilia	Biomedical Engineering		Howie Choset	Robotics Institute
The Hydrosurgery Project		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 7	10:15 am
Morales, Marissa	Chemical Engineering		Keith Cook	Biomedical Engineering
Antibacterial Perfluorocarbon Ventilation (APV)		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	12-2:30 pm
Morina, Rudina	Electrical & Computer Engineering		Laurie Heller	Psychology
Human Echolocation		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 8	10:00 am
Moroishi, Yuka	Statistics		Jared Murray	Statistics
Fantasy or Reality? Expected Salary Perceptions of Carnegie Mellon University Undergraduate Students		Poster Presentation	Wean Commons-1st Floor, Connan side	3-5 pm
Mort, Andrew	Electrical & Computer Engineering		Jeyanandh Paramesh	Electrical & Computer ...
Quantizer Design for Continuous-Time Sigma-Delta ADC		Poster Presentation	Rangos 3	12-2:30 pm
Mouli, Divya	BCSA		M. Stephanie Murray	BHA
Automatic Carnatic Raaga Classifier		Oral Presentation	Peter	3:20 pm

Meeting of the Minds 2015

Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Mungai, Chang-Hyun	Mechanical Engineering		Koushil Sreenath	Mechanical Engineering
Understanding Aerodynamic Properties of Quadrotors Near Surfaces for the Optimization in Performance and Design		Poster Presentation	Kirr Commons-1st Floor, Window side	12-2:30 pm
Munoz, Miranda	Biological Sciences			
Assessing Dopamine Transmission Kinetics in Striatal Regions Using Fast-Scan Cyclic Voltammetry		Poster Presentation	Hoch Commons-2nd Floor, Window side	12-2:30 pm
Myers, Eric	Mechanical Engineering		Cecil Higgs	Mechanical Engineering
Rheological Characterization of Powders for use in Selective Laser and Electron Beam Additive Manufacturing Technologies		Poster Presentation	Rangos 3	12-2:30 pm
Nahar, Sunny	Computer Science		William Whittaker	Robotics Institute
Cooperative Localization with Symbiotic Rovers		Poster Presentation	Wean Commons-1st Floor, Connan side	12-2:30 pm
Naidu, Rubini	Psychology		Charlee Brodsky	Design
Examination of Cultural Diversity and Progression Through Photographs of Tamil Nadu, India		Visual Arts	Connan	12-2:30 pm
Nair, Vivek	Electrical & Computer Engineering		Mary Bernardine Dias	Robotics Institute
The Stand Alone Braille Tutor		Poster Presentation	Rangos 3	12-2:30 pm
Nanda, Sonal	Physics		Sara Majetich	Physics
Guided Assembly and Uniformity of Iron Oxide Nanoparticle Monolayers		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 5	11:00 am
Nantawisarakul, Taechawidd	Biological Sciences		Brooke McCartney	Biological Sciences
The Gut-Microbiome-Brain Connection		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 1	11:00 am

Meeting of the Minds 2015

Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Neale, Henry CMU Freshmen Meal Plan Satisfaction	Self-defined	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Nembhard, Jenine Analysis of Mother-to-Child HIV Infection Rates in the United States and South Africa.	Biological Sciences	Oral Presentation	Stephanie Wallach Peter	History 1:40 pm
Newby, Alexandra Testing fouling mechanisms in reverse osmosis desalination plants	Chemical Engineering	Poster Presentation	Meagan Mauter Rangos 3	Chemical Engineering 12-2:30 pm
Nicholas, Mark Corticocortical feedback-mediated facilitation is cell-type specific and gated by nucleus basalis activity	Biological Sciences	Poster Presentation	Sandra Kuhlman Rangos 1 & 2/Sigma Xi Group 1	Biological Sciences 11:45 am
Nielsen, Kaytie Le Théâtre de la Teranga: The Evolution of Theatrical Performance in Modern Senegal	BHA	Oral Presentation	Mame-Fatou Niang McKenna	Modern Languages 4:40 pm
Nover, Abigail Natural Rhythm	Drama	Oral Presentation	Kenneth Keeling Wright	Music 4:00 pm
O'Hallaron, Nicholas A Light-Based Approach for the Prevention of Biofouling and Biocorrosion	Biological Sciences	Poster Presentation	Kelvin Gregory Hoch Commons-2nd Floor, Rangos side	Civil and Environmenta... 12-2:30 pm
Oh, Ryan Etchy: CNC Laser Etcher	Electrical & Computer Engineering	Poster Presentation	Bonita Olson Rangos 1 & 2/Sigma Xi Group 6	Mechanical Engineering 10:30 am

Meeting of the Minds 2015

Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Ohta, Preston	Mechanical Engineering		William Whittaker	Robotics Institute
Modular Wheel Based Electronic Enclosure		Poster Presentation	Kirr Commons-1st Floor, Window side	12-2:30 pm
Okano, Tsutomu	Science and Humanities Scholars		Klaus Sutner	Computer Science
Invertible Binary Transducers and Automorphisms of the Binary Tree		SCS Honors Thesis (Poster Presentation and Oral Presentation)	Class of '87	2:00 pm
Ondeck, Mariah	Chemical Engineering		Phil Campbell	ICES
Determination of activity and cytotoxicity of DNase delivered from blood plasma based biomaterials (PBMs)		Poster Presentation	Rangos 3	12-2:30 pm
Ong, Michelle	Economics		Jared Murray	Statistics
Carnegie Mellon undergraduate students' attitudes towards the university's current athletic facilities and their anticipation for the new CUC Gym.		Poster Presentation	Kirr Commons-1st Floor, Window side	12-2:30 pm
Ortiz, Brandon	Chemical Engineering		Conrad Zapanta	Biomedical Engineering
How quickly does silver-nanoparticle paper decontaminate water?		Poster Presentation	Hoch Commons-2nd Floor, Window side	3-5 pm
Pacheco, Esteban	Mechanical Engineering		Jonathan Malen	Mechanical Engineering
Transient Hot Wire Measurement of Diamondoid Thermal Conductivity		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 6	11:00 am
Paik, Laura	BHA		Kristina Straub	English
Learning to Teach: Using a Student-Led Course as Preparation for a Teaching Career		Oral Presentation	Wright	3:20 pm
Pan, Jacqueline	Self-defined		Jason Hong	Human Computer Interac...
Effects of Mobile Applications on Public Health in Honduras		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	3-5 pm

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Pancoast, Leanna Origami LED Screen	Electrical & Computer Engineering	Poster Presentation	James Bain Rangos 1 & 2/Sigma Xi Group 7	Electrical & Computer ... 11:45 am
Pandya, Mihir Autograding with Docker containers	Electrical & Computer Engineering	Poster Presentation	David O'Hallaron Wean Commons-1st Floor, Connan side	Computer Science 3-5 pm
Pane, Joseph Hitting the Wall: Mixture Models of Long Distance Running Trajectories	Statistics	Oral Presentation	Rebecca Nugent Dowd	Statistics 1:20 pm
Paparian, Jack An Autoencoder Triaging Algorithm for Acute Pancreatitis	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Christopher Langmead Class of '87	Computer Science 10:40 am
Parekh, Aakash Engineers Without Borders - Plastic Thatch	Chemical Engineering	Poster Presentation	Robert Heard Hoch Commons-2nd Floor, Window side	Materials Science Engi... 3-5 pm
Parigoris, Eric Exploring Biologically Based Malnourishment Through a Gut-On-A-Chip Approach	Mechanical Engineering	Oral Presentation	Philip LeDuc Dowd	Mechanical Engineering 12:20 pm
Park, Cherry Development of a Low-Cost Spinal Orthotic for Scoliosis	Chemical Engineering	Poster Presentation	Conrad Zapanta Hoch Commons-2nd Floor, Window side	Biomedical Engineering 3-5 pm
Park, Hae Jin Opinions and Satisfaction with Blackboard Course Management Software Among Undergraduate Students	Economics	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 3-5 pm

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Park, John	Biology and Psychology		Christina Lee	Biological Sciences
Hereditary Spastic Paraplegia Atlastin 1 Mutation Effects on Cellular Secretory Pathways		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 1	10:30 am
Park, Jong Hyuk	Computer Science		Aarti Singh	Machine Learning
Active Sampling for Estimating Gaussian Graphical Models		SCS Honors Thesis (Poster Presentation and Oral Presentation)	Class of '87	10:20 am
Pasquale, Julia	Chemistry		Eliane Wiese	Human Computer Interac...
Online Learning: The Effects of Concrete Representations of Fractions on 4th and 5th Graders		Poster Presentation	Hoch Commons-2nd Floor, Window side	3-5 pm
Patnaik, Anwesha	Economics and Statistics		Joel Tarr	History
Historical Meta-Analysis with a focus on patterns of transportation to work		Poster Presentation	Wean Commons-1st Floor, Connan side	12-2:30 pm
Pei, Lucy	Business Administration		Mary Bernardine Dias	Robotics Institute
Investigating the Effectiveness of Computer Games that Embed Literacy Content Created by Teachers		Oral Presentation	McKenna	2:00 pm
Penugonda, Akul	Computer Science		Kris Kitani	Robotics Institute
An Exploration of Food Detection		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	3-5 pm
Perez, Brandon	Electrical & Computer Engineering		Laurie Heller	Psychology
Human Echolocation		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 8	10:00 am
Perna, Allison	Materials Science Engineering		Robert Davis	Materials Science Engi...
InGaN Materials for Underwater Photovoltaic Conversion		Poster Presentation	Kirr Commons-1st Floor, Window side	12-2:30 pm

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Peters, Danielle	Science and Humanities Scholars		Jared Murray	Statistics
Carnegie Mellon undergraduate students' attitudes towards the university's current athletic facilities and their anticipation for the new CUC Gym.		Poster Presentation	Kirr Commons-1st Floor, Window side	12-2:30 pm
Peters, Danielle	Science and Humanities Scholars		Diana Marculescu	Electrical & Computer ...
STREAM: Sensor That Reports Endocrine Activating Molecules		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 2	10:45 am
Peterson, Annika	Computer Science		Andre Platzer	Computer Science
Formal Verification of a Controlled Flight Between Two Robots: A Case Study		SCS Honors Thesis (Poster Presentation and Oral Presentation)	Class of '87	11:20 am
Peterson, Theodore	Statistics		Jared Murray	Statistics
Perception of Greek Life at CMU		Poster Presentation	Kirr Commons-1st Floor, Window side	3-5 pm
Petti, Alexander	BSA		Nisha Shukla	ICES
Collecting Polarimetry Data for the Polarimetric Detection of Chiral Au Nanoparticles		Poster Presentation		
Petti, Alexander	BSA		Nisha Shukla	ICES
Collecting Polarimetry Data for the Polarimetric Detection of Chiral Au Nanoparticles		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 4	11:15 am
Petti, Alexander	BSA		Nancy Galbraith	Music
Guts: A New Musical		Visual Arts	Connan	3-5 pm
Petti, Alexander	BSA		Nisha Shukla	ICES
Polarimetric Detection of Enantioselective Adsorption by Chiral Au Nanoparticles - Effects of Temperature, Wavelengths and Size		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 4	11:30 am

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Pherribo, Gordon The Role of Antibiotics in Modulating Macrophage Immune Cell Function	Biological Sciences	Poster Presentation	Rangos 1 & 2/Sigma Xi Group 1	10:45 am
Phoa, Jessica The Buzz About Starbucks: Howard Schultz and The Rise of the World's Coffee Shop, 1971 - 1997	History	Oral Presentation	Steven Schlossman Wright	History 11:40 am
Plaut, Benjamin Algorithms for Social Good: Kidney Exchange	Physics	Poster Presentation	Tuomas Sandholm Hoch Commons-2nd Floor, Window side	Computer Science 12-2:30 pm
Pol, Nishant Digital Feedback Control for Power Supply Design	Electrical & Computer Engineering	Poster Presentation	Shawn Kelly Wean Commons-1st Floor, Connan side	ICES 12-2:30 pm
Ponte, Maxwell Perception of Greek Life at CMU	Statistics	Poster Presentation	Jared Murray Kirr Commons-1st Floor, Window side	Statistics 3-5 pm
Popat, Sejal CMU Stories	BHA	Visual Arts	Donna Harsch Connan	History 12-2:30 pm
Portela, Juan Development of a Low-Cost Spinal Orthotic for Scoliosis	Mechanical Engineering	Poster Presentation	Conrad Zapanta Hoch Commons-2nd Floor, Window side	Biomedical Engineering 3-5 pm
Porten, Tyler Otaku: A Digital Manga	Modern Languages	Poster Presentation	Yasufumi Iwasaki Hoch Commons-2nd Floor, Window side	Modern Languages 3-5 pm

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Poulos, Samuel Reincarnation as Depicted as a Ritual in Science Fiction	BHA	Visual Arts	Jeffrey Hinkelman Connan	Univesity Libraries 12-2:30 pm
Powell-Palm, Matt Transient Hot Wire Measurement of Diamondoid Thermal Conductivity	Mechanical Engineering	Poster Presentation	Jonathan Malen Rangos 1 & 2/Sigma Xi Group 6	Mechanical Engineering 11:00 am
Pozzi, Courtney STREAM: Sensor That Reports Endocrine Activating Molecules	Design	Poster Presentation	Diana Marculescu Rangos 1 & 2/Sigma Xi Group 2	Electrical & Computer ... 10:45 am
Prakash, Akhil Learning French Online	Mathematics	Poster Presentation	Rebecca Nugent Kirr Commons-1st Floor, Window side	Statistics 12-2:30 pm
Preston, Taylor 'Cause Now I've Got the Pill: Country Music and Women's Liberation,	BHA	Visual Arts	Carrie Hagan Connan	BHA 12-2:30 pm
Prijatelj, Michael Guided Assembly and Uniformity of Iron Oxide Nanoparticle Monolayers	Physics	Poster Presentation	Sara Majetich Rangos 1 & 2/Sigma Xi Group 5	Physics 11:00 am
Pudlo, Megan Carnegie Mellon's Global Medical Brigades Goes to Nicaragua	Biomedical Engineering	Poster Presentation	Jason D'Antonio Hoch Commons-2nd Floor, Rangos side	Biological Sciences 12-2:30 pm
Pujara, Palak Electrophoretic separation of n-alkyl modified DNA in entangled micelle networks	Chemical Engineering	Poster Presentation	James Schneider Rangos 1 & 2/Sigma Xi Group 3	Chemical Engineering 10:45 am

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Pujara, Palak	Chemical Engineering		Conrad Zapanta	Biomedical Engineering
EZ-ECMO: Novel Expandable Catheter for Extracorporeal Membrane Oxygenation		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 4	10:15 am
Ra, John	Biology and Psychology		Vicki Helgeson	Psychology
Volunteerism and Health in Older Adults		Poster Presentation	Kirr Commons-1st Floor, Window side	12-2:30 pm
Ramachandran, Bharadwaj	Computer Science		Jason Hong	Human Computer Interac...
PrivacyGrade: Aiding Android Users With Mobile Privacy Decisions		SCS Independent Study (Poster Presentation only)	Rangos Hallway, 2nd Floor	12-2:30 pm
Ramamurthy, Anita	Business Administration		Jared Murray	Statistics
Carnegie Mellon Dining Habits		Poster Presentation	Wean Commons-1st Floor, Connan side	3-5 pm
Ranadé, Shaun	Biological Sciences			
New Insights into Laminin as a Structural Cue for Myoblasts using Micropatterned Surfaces		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	12-2:30 pm
Ravi, Deepak	Mechanical Engineering		Robert Heard	Materials Science Engi...
Engineers Without Borders - Plastic Thatch		Poster Presentation	Hoch Commons-2nd Floor, Window side	3-5 pm
Razanav, Anton	Economics		Ariel Zetlin-Jones	Economics
Improving Portfolio Performance Using Market Timing: Examining if a Predicting Variable can Increase Portfolio Performance		Poster Presentation	Hoch Commons-2nd Floor, Window side	12-2:30 pm
Razdan, Vishnu	Electrical & Computer Engineering		Aditya Khair	Chemical Engineering
Optimizing a Bleach-Based Clock Reaction Using Mathematical Modeling		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Records, William	Chemical Engineering		Nisha Shukla	ICES
Quantifying enantiospecific separation of pharmaceuticals on chiral Au nanocrystals		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 4	10:45 am
Reeder, Eric	Mechanical Engineering		Philip LeDuc	Mechanical Engineering
Utilizing Electron Beam Melting to Build Mass-Optimized, High Strength Parts for High Performance Electric Vehicles Utilizing Additive Manufacturing Specific Mass Reduction Techniques		Poster Presentation	Wean Commons-1st Floor, Connan side	3-5 pm
Reid, Matthew	Economics		Jared Murray	Statistics
CMU Community's Attitude Toward Cross Registration at Pittsburgh Area Colleges		Poster Presentation	Kirr Commons-1st Floor, Window side	3-5 pm
Reiter, Tomer	Mathematics		Russel Walker	Mathematics
Newman's Conjecture in Function Fields		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 9	10:00 am
Richardson, Sean	Chemistry		Jared Murray	Statistics
Satisfaction in the CMU Student College Program		Poster Presentation	Wean Commons-1st Floor, Connan side	3-5 pm
Rifai, Stephanie	Statistics		Saurabh Bhargava	Social & Decision Scie...
Self-Esteem, Brand Loyalty, and Consumer Willingness to Pay: An Examination of "Average Women" Campaigning		Poster Presentation	Wean Commons-1st Floor, Connan side	3-5 pm
Ringwalt, Dan	Computer Science		Roger Dannenberg	Computer Science
Improved Methods for Optical Music Recognition		SCS Honors Thesis (Poster Presentation and Oral Presentation)	Class of '87	1:40 pm
Rodriguez, Emilio	Biological Sciences		Brooke McCartney	Biological Sciences
The Gut-Microbiome-Brain Connection		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 1	11:00 am

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Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Rogers, Campbell A Guide to the Music Business	BSA	Oral Presentation	M. Stephanie Murray Peter	BHA 12:40 pm
Rollinson, Joseph From Prediction to Decision Making in Intelligent Tutoring Systems	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Emma Brunskill Class of '87	Computer Science 11:40 am
Roppo, Johnathan Designing and Implementing an Enzymatic Fuel Cell Car	Chemical Engineering	Poster Presentation	Aditya Khair Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Roppo, Johnathan Optimization of a Battery Powered Car with Manometer Stopping Mechanism	Chemical Engineering	Poster Presentation	Aditya Khair Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Roppo, Johnathan Optimizing a Bleach-Based Clock Reaction Using Mathematical Modeling	Chemical Engineering	Poster Presentation	Aditya Khair Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 3-5 pm
Ross, Jaclyn The Role of Power in Conflict in Adult Close Relationships	Psychology	Poster Presentation	Brooke Feeney Rangos 1 & 2/Sigma Xi Group 8	Psychology 11:45 am
Sadosky, Peter Approaches to Blocking for Syrian War Records	Economics	Oral Presentation	Rebecca Steorts McKenna	Statistics 12:40 pm
Sanders, William Improving Portfolio Performance Using Market Timing: Examining if a Predicting Variable can Increase Portfolio Performance	Economics	Poster Presentation	Ariel Zetlin-Jones Hoch Commons-2nd Floor, Window side	Economics 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Sandford, Jolyn ctrl+art+critique	BCSA	Oral Presentation	John Pena Peter	Art 4:00 pm
Sansone, Nicole Novel Functional Polymers For Use in Aqueous Electrolyte Energy Storage Devices	Chemistry	Poster Presentation	Newell Washburn Rangos 1 & 2/Sigma Xi Group 3	Chemistry 11:00 am
Santiago, Pablo From Burger to Burrito: Examining Growth and Development in the Franchised Restaurant Market	Economics	Poster Presentation	Rebecca Lessem Wean Commons-1st Floor, Connan side	Economics 12-2:30 pm
Schenker, Arley Human Echolocation	Psychology	Poster Presentation	Laurie Heller Rangos 1 & 2/Sigma Xi Group 8	Psychology 10:00 am
Schmitt, Michael Investigation of Phase Separation in Multicomponent Particle Brush Thin Films for Quantum Dot Processing Applications	Materials Science Engineering	Poster Presentation	Michael Bockstaller Kirr Commons-1st Floor, Window side	Materials Science Engi... 12-2:30 pm
Schmitt, Rachael Buggy Crash Test SURG	BHA	Poster Presentation	Kathryn Palko Kirr Commons-1st Floor, Window side	Student Affairs 3-5 pm
Schnepf, Rekha Characterization of Electrical Contacts to WS2	Materials Science Engineering	Poster Presentation	Lisa Porter Hoch Commons-2nd Floor, Window side	Materials Science Engi... 12-2:30 pm
Schultz, Christian EZ-ECMO: Novel Expandable Catheter for Extracorporeal Membrane Oxygenation	Mechanical Engineering	Poster Presentation	Conrad Zapanta Rangos 1 & 2/Sigma Xi Group 4	Biomedical Engineering 10:15 am

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Schwartz, Catherine	BSA		David Boevers	Drama
Interactive museum Exhibit		Oral Presentation	Dowd	12:40 pm
Sebek, Matthew	Electrical & Computer Engineering		George Kantor	Robotics Institute
3D Model state estimation in a 2D image by Bayesian filtering with First-order Partial Derivatives		Poster Presentation	Rangos 3	12-2:30 pm
Sen, Tias	Statistics		Jared Murray	Statistics
CMU Freshmen Meal Plan Satisfaction		Poster Presentation	Wean Commons-1st Floor, Connan side	12-2:30 pm
Seok, Wooram	Chemical Engineering		Myung Jhon	Chemical Engineering
Mesoscale Modeling of Multi-Phase Flows Through Porous Media		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	12-2:30 pm
Serafin, Luke	Mathematics		Clark Glymour	Philosophy
Mathematical Metaphysics		Oral Presentation	Pake	1:20 pm
Shaffer, Colin	Ethics, History & Public Policy		Jay Aronson	History
Should Division 1 Collegiate Football and Basketball Players be Paid? An historical, economic, and legal analysis of the pay-for-play debate in collegiate athletics		Oral Presentation	Wright	4:40 pm
Shankar, Vivek	Computer Science			
A computational approach to studying melodic structures in Indian Classical Music		Oral Presentation	Peter	12:20 pm
Shao, Shuai	Computer Science		Jie Ma	Mathematics
Research on Characterization of 4-Ordered Cycle in Planar Graphs		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Shapiro, Evan HERB Task Planning	Computer Science	SCS Independent Study (Poster Presentation only)	Siddhartha Srinivasa Rangos Hallway, 2nd Floor	Robotics Institute 12-2:30 pm
Shen, Tom Graph-based Semi-Supervised Learning for Text Categorization through Supervised Random Walks	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	William Cohen Class of '87	Machine Learning 11:00 am
Sickler, Christopher The Battle of Monmouth	Science and Humanities Scholars	Oral Presentation	Kevin Gonzalez Pake	English 4:20 pm
Sides, Graham A Multidisciplinary Study Involving the Effect of Electrostatic Forces on Semiconductor Polishing	Mechanical Engineering	Oral Presentation	Cecil Higgs Pake	Mechanical Engineering 12:20 pm
Simms-Levy, Noah Torque Vecotring for an RWD Independent Wheel Drive Electric Vehicle	Mechanical Engineering	Poster Presentation	Koushil Sreenath Hoch Commons-2nd Floor, Window side	Mechanical Engineering 12-2:30 pm
Simon, Samuel DNA sorting with game theory	Mathematics	Poster Presentation	Russel Walker Hoch Commons-2nd Floor, Window side	Mathematics 3-5 pm
Simpson, Adam Development of Broad-Spectrum Antibiotics	Chemical Engineering	Poster Presentation	Danith Ly Hoch Commons-2nd Floor, Rangos side	Chemistry 12-2:30 pm
Skaggs, Christopher Illegal Schengen Migration: a Game Theoretical Analysis	Social & Decision Sciences	Poster Presentation	Geoffrey McGovern Kirr Commons-1st Floor, Window side	Social & Decision Scie... 3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Skalli, Omar	Electrical & Computer Engineering		Koushil Sreenath	Mechanical Engineering
Torque Vecotring for an RWD Independent Wheel Drive Electric Vehicle		Poster Presentation	Hoch Commons-2nd Floor, Window side	12-2:30 pm
Smith, Abigail	Mathematics		John Mackey	Mathematics
Development of deterministic and stochastic models for a T7 phage-E. coli system with vaccination strategy implementation		Poster Presentation	Wean Commons-1st Floor, Connan side	12-2:30 pm
Smith, Abigail	Mathematics		William Eddy	Statistics
Modeling Ebola Transmissions		Poster Presentation	Wean Commons-1st Floor, Connan side	12-2:30 pm
Smith, Martin	Economics		Jared Murray	Statistics
CMU Community's Attitude Toward Cross Registration at Pittsburgh Area Colleges		Poster Presentation	Kirr Commons-1st Floor, Window side	3-5 pm
Smith, Miles	Mechanical Engineering		Jonathan Malen	Mechanical Engineering
Development and Validation of Numerical Model for Electric Vehicle Cooling Applications		Poster Presentation	Hoch Commons-2nd Floor, Window side	3-5 pm
Smith, Sam	BSA		Roger Dannenberg	Computer Science
Digitar: Dynamically Interactive Guitar Implementing Tonal Automation Robotics		Visual Arts	Connan	3-5 pm
Snyder, Kerry	Computer Science		William Whittaker	Robotics Institute
Visual and Geometric Modeling of Lunar Surface Features		SCS Honors Thesis (Poster Presentation and Oral Presentation)	Class of '87	4:20 pm
Sohn, Hyo Seul	BHA		Sharon Carver	Psychology
Case study of the improvements in communications skills and happiness through music therapy		Oral Presentation	Peter	3:40 pm

Meeting of the Minds 2015

Undergraduate Research Office

STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Sotiri, Irini Understanding Effects of Manufacturing on Material Properties in Blood Plasma-Based Biomaterials	Materials Science Engineering	Poster Presentation	Phil Campbell Hoch Commons-2nd Floor, Rangos side	ICES 12-2:30 pm
Sparks, David Engineers Without Borders - Plastic Thatch	Materials Science Engineering	Poster Presentation	Robert Heard Hoch Commons-2nd Floor, Window side	Materials Science Engi... 3-5 pm
Sparks, David Exploring Low Energy Methods of Decontouring Waste Plastic Bottles to Create Uniform Plastic Ribbon Material	Materials Science Engineering	Poster Presentation	Robert Heard Hoch Commons-2nd Floor, Window side	Materials Science Engi... 12-2:30 pm
Spinelli, Michael Development and Validation of Numerical Model for Electric Vehicle Cooling Applications	Mechanical Engineering	Poster Presentation	Jonathan Malen Hoch Commons-2nd Floor, Window side	Mechanical Engineering 3-5 pm
Sridhar, Anirudh A computational approach to studying melodic structures in Indian Classical Music	Electrical & Computer Engineering	Oral Presentation	Peter	12:20 pm
Sridharan, Preethy The Effects of Chronic Morphine on the Rate of Mu-Opioid Receptor (MOR) Trafficking	Biological Sciences	Poster Presentation	Manojkumar Puthenveedu Rangos 1 & 2/Sigma Xi Group 1	Biological Sciences 11:15 am
Sun, Veda Mixing Genres; The New Landscape	Art	Oral Presentation	Andrew Johnson Pake	Art 2:00 pm
Sundaram, Niteesh Constructing Hardware Models of Cell Stimuli-Response Networks	Electrical & Computer Engineering	Poster Presentation	Natasa Miskov-Zivanov Rangos 3	Electrical & Computer ... 12-2:30 pm

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Sundaram, Niteesh STREAM: Sensor That Reports Endocrine Activating Molecules	Electrical & Computer Engineering	Poster Presentation	Diana Marculescu Rangos 1 & 2/Sigma Xi Group 2	Electrical & Computer ... 10:45 am
Sung, Angelina The Effect of Awe-Related States on Memory Recall	Psychology	Poster Presentation	John Creswell Wean Commons-1st Floor, Connan side	Psychology 12-2:30 pm
Swarts, Kristine La Lutte against HIV/AIDS and Stigmatization in Morocco, 1986-2014	History	Oral Presentation	Karen Faulk Pake	History 12:40 pm
Sweet, Andrew ctrl+art+critique	BCSA	Oral Presentation	John Pena Peter	Art 4:00 pm
Szabo-Wexler, Elias Staying Fair	Computer Science	SCS Honors Thesis (Poster Presentation and Oral Presentation)	Ariel Procaccia Class of '87	Computer Science 4:00 pm
Takaki, Nicholas Image Segmentation with Dynamic Artifacts Detection and Bias Correction	Science and Humanities Scholars	Poster Presentation	William Hrusa Wean Commons-1st Floor, Connan side	Mathematics 3-5 pm
Tan, Bryan Chelada - Contextually Aware Personal Assistant	Electrical & Computer Engineering	Poster Presentation	Jason Hong Rangos 3	Human Computer Interac... 12-2:30 pm
Tan, Nicholas Measures of Spectrum Holdings That Reflect Market Share and Concentration among Cellular Carriers	Engineering and Public Policy	Poster Presentation	Jon Peha Rangos 3	Engineering and Public... 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Tang, Angelina	Statistics		Jared Murray	Statistics
Fantasy or Reality? Expected Salary Perceptions of Carnegie Mellon University Undergraduate Students		Poster Presentation	Wean Commons-1st Floor, Connan side	3-5 pm
Tay, Leslie	Science and Humanities Scholars		Jason Hong	Human Computer Interac...
Effects of Mobile Applications on Public Health in Honduras		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	3-5 pm
Taylor, Ashley	Psychology		Sharon Carver	Psychology
Effects of Collaborative Spatial Exercises on the Acquisition of Mental Rotation Ability		Poster Presentation	Hoch Commons-2nd Floor, Window side	12-2:30 pm
Teichman, Theodore	BSA		R. James Whipple	Music
A Flood In The Synapse		Performing Arts, McConomy	McConomy Auditorium	11 am - 12 pm
Thomas, Arsema	Biological Sciences		Michael West	Modern Languages
The Comparative Analysis of the Circumstances of Internationally Displaced Refugees in Kenya and Internally Displaced Peoples in Haiti, and the Net Effect of Non-Governmental Organizations on Both Scenarios		Poster Presentation	Kirr Commons-1st Floor, Window side	3-5 pm
Thomas, Katherine	History		Jane Bernstein	English
Cora of New York: The story of a slave ship		Oral Presentation	McKenna	3:00 pm
Thomas, Katherine	History		Steven Schlossman	History
Peddling Discrimination: How and Why Recruiters Convinced African Americans to Join a Segregated Navy		Oral Presentation	McKenna	3:20 pm
Thompson, Nathaniel	Mechanical Engineering		Maxim Likhachev	Robotics Institute
Unmanned Aerial Vehicle Rescue and Relief		Poster Presentation	Hoch Commons-2nd Floor, Window side	12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Tibrewala, Mukund HAL: A Continuous Voice-Transcribing and Context-Aware System	Computer Science	SCS Independent Study (Poster Presentation only)	Anthony Rowe Rangos Hallway, 2nd Floor	Electrical & Computer ... 3-5 pm
Tjan, Stephanie Engineers Without Borders - Plastic Thatch	Civil and Environmental Engineering	Poster Presentation	Robert Heard Hoch Commons-2nd Floor, Window side	Materials Science Engi... 3-5 pm
Tobey, Alex Pop Up Beats: Making DIY Music Venues	Drama	Visual Arts	John Pena Connan	Art 12-2:30 pm
Tsai, Luke VTOL Drone Development	Mechanical Engineering	Poster Presentation	Satbir Singh Rangos 1 & 2/Sigma Xi Group 6	Mechanical Engineering 11:15 am
Tseng, Lanya Labeling Stem Cells and Immune Cells with Ferumoxyl for Cellular Magnetic Resonance Imaging: A Bio-Mimic Labeling Method	Science and Humanities Scholars	Poster Presentation	Chien Ho Rangos 1 & 2/Sigma Xi Group 3	Biological Sciences 11:30 am
Tsu, Brooke Customer Satisfaction: Steel Cactus	Statistics	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 12-2:30 pm
Tucker, Julia Engineers Without Borders - Plastic Thatch	Mechanical Engineering	Poster Presentation	Robert Heard Hoch Commons-2nd Floor, Window side	Materials Science Engi... 3-5 pm
Um, Noel Figurines and Finger Rings: Levantine Materialism, Polytheism and Cultural Identity	History	Oral Presentation	Laurie Eisenberg McKenna	History 4:20 pm

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Uphoff, Jessica Modified Inhaler Adapter	Design	Poster Presentation	Conrad Zapanta Hoch Commons-2nd Floor, Window side	Biomedical Engineering 12-2:30 pm
Valluri, Meghana Engineers Without Borders - Plastic Thatch	Self-defined	Poster Presentation	Robert Heard Hoch Commons-2nd Floor, Window side	Materials Science Engi... 3-5 pm
Vande Velde, Anna Towards Improving Diagnosis of ADHD: Assessing Diagnostic Potential of a New Clinical Test	Psychology	Oral Presentation	Erik Thiessen Pake	Psychology 12:00 pm
Vandenberg, Thomas Modified Inhaler Adapter	Mechanical Engineering	Poster Presentation	Conrad Zapanta Hoch Commons-2nd Floor, Window side	Biomedical Engineering 12-2:30 pm
Vielott, Thomas Playing the Wrong Game: The Failure of Kriegsspiel in German War Planning 1900-1914	History	Oral Presentation	Laurie Eisenberg Pake	History 3:00 pm
Vielott, Thomas Satisfaction in the CMU Student College Program	History	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Vinson, David Investigating the role of Wnt Signaling in the Establishment and Maintenance of the Female Drosophila Germline Stem Cell Niche.	Chemistry	Poster Presentation	Brooke McCartney Rangos 1 & 2/Sigma Xi Group 2	Biological Sciences 11:30 am
Viswanathan, Vijay Modeling the relationship between queries and questions in biomedical text	Mathematics	Poster Presentation	Eric Nyberg Wean Commons-1st Floor, Connan side	Language Technologies ... 12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Wakim, Kathryn-Mary	Psychology		Alison Barth	Biological Sciences
Mouse Cold Aversion Behavior Changes With Repeated Exposure to Cooling Stimuli		Poster Presentation	Kirr Commons-1st Floor, Window side	3-5 pm
Walsh, Rachel	Psychology		Anna Fisher	Psychology
Instruction-Driven Changes in Knowledge Organization		Poster Presentation	Wean Commons-1st Floor, Connan side	3-5 pm
Wan, Jia	Business Administration		Jared Murray	Statistics
Carnegie Mellon Dining Habits		Poster Presentation	Wean Commons-1st Floor, Connan side	3-5 pm
Wang, Danning	Business Administration		Jared Murray	Statistics
Carnegie Mellon Dining Habits		Poster Presentation	Wean Commons-1st Floor, Connan side	3-5 pm
Wang, Lena	Biological Sciences		Diana Marculescu	Electrical & Computer ...
STREAM: Sensor That Reports Endocrine Activating Molecules		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 2	10:45 am
Wang, Sicong	Electrical & Computer Engineering		Shawn Kelly	ICES
Digital Feedback Control for Power Supply Design		Poster Presentation	Wean Commons-1st Floor, Connan side	12-2:30 pm
Wang, Yen-Ting	Art		Patricia Bellan-Gillen	Art
Icecream Binge		Visual Arts	Miller Gallery	12-2:30 pm
Ward, Samantha	BHA		John Pena	Art
Pop Up Beats: Making DIY Music Venues		Visual Arts	Connan	12-2:30 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Watson, Amanda Simulating Discrete Elastic Rods	BCSA	SCS Independent Study (Poster Presentation only)	James McCann Rangos Hallway, 2nd Floor	Robotics Institute 12-2:30 pm
Wells, Emily Effects of Mobile Applications on Public Health in Honduras	Social & Decision Sciences	Poster Presentation	Jason Hong Hoch Commons-2nd Floor, Rangos side	Human Computer Interac... 3-5 pm
Wettergreen, Anna Psychology through Shoes	BHA	Visual Arts	Chante Cox-Boyd Connan	Psychology 3-5 pm
Willen, Rachel Arabidopsis: A Model Organism	BSA	Poster Presentation	Richard Pell Wean Commons-1st Floor, Connan side	Art 3-5 pm
Willsey, Harold Session Typing in Concurrent C0	Computer Science	Poster Presentation	Frank Pfenning Hoch Commons-2nd Floor, Window side	Computer Science 3-5 pm
Winslow, Samuel Quantification of Swimming Organisms' Effective Diffusivity Utilizing Asymptotic Expressions for Squirmer Velocity Profiles at Small, Non-Zero Reynolds Numbers	Chemical Engineering	Poster Presentation	Aditya Khair Hoch Commons-2nd Floor, Window side	Chemical Engineering 3-5 pm
Winslow, Samuel Quantification of the Strength of Surfactant Gradient Induced Marangoni Convection at an Oil/Water Interface	Chemical Engineering	Poster Presentation	Robert Tilton Rangos 3	Chemical Engineering 12-2:30 pm
Wise, Von Honors Project: A Collection of Poems	English	Oral Presentation	Kevin Gonzalez Dowd	English 1:00 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Wong, Wing Tung Crowdsourcing in Complex Engineering Design	Mechanical Engineering	Poster Presentation	Jonathan Cagan Rangos 1 & 2/Sigma Xi Group 6	Mechanical Engineering 11:45 am
Wu, Angela Engineers Without Borders - Plastic Thatch	Undecided	Poster Presentation	Robert Heard Hoch Commons-2nd Floor, Window side	Materials Science Engi... 3-5 pm
Wu, Ming Y. Effects of Mobile Applications on Public Health in Honduras	Information Systems	Poster Presentation	Jason Hong Hoch Commons-2nd Floor, Rangos side	Human Computer Interac... 3-5 pm
Wu, Nathan Optimal Investments	Chemical Engineering	Poster Presentation	William Hrusa Rangos 1 & 2/Sigma Xi Group 9	Mathematics 10:30 am
Wulfman, Leah Aggregate: Digitally Articulated Formwork for Textural Surface Treatment in Concrete Casting	Architecture	Visual Arts	Joshua Bard Connan	Architecture 12-2:30 pm
Xia, Patrick Literary Social Network Inference	Computer Science	SCS Independent Study (Poster Presentation only)	Natalie Smith Rangos Hallway, 2nd Floor	Computer Science 12-2:30 pm
Xie, Jasmine Developing and Deconstructing Gender: Nonbinary Individuals and their Search for Identity	English	Oral Presentation	Kristina Straub McKenna	English 3:40 pm
Xie, Minnar BeSpoke	BHA	Oral Presentation	Susanne Slavik McKenna	Art 1:00 pm

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Xie, Minnar	BHA		Judith Schachter	History
I'm Not a Refugee Anymore: Family Responsibility, Desire, and Perceptions of Success in Pittsburgh's Resettled Bhutanese/Nepali Community		Oral Presentation	McKenna	12:20 pm
Xu, Lauren	Chemistry		Bruce Armitage	Chemistry
Fluorescent Peptide Nucleic Acid Probes for the Regenerative Biology Study of a Sea Star Larval Model		Poster Presentation	Hoch Commons-2nd Floor, Window side	12-2:30 pm
Xu, Patricia	Materials Science Engineering		Michael McHenry	Materials Science Engi...
Performance of Nanocomposite Soft Magnetic Materials in Electric Motors		Poster Presentation	Kirr Commons-1st Floor, Window side	12-2:30 pm
Yan, Victor	Mechanical Engineering		Satbir Singh	Mechanical Engineering
Optimization of Aerodynamic Dirigible Designs for Self-Deterministic Delivery Drones		Poster Presentation	Hoch Commons-2nd Floor, Window side	12-2:30 pm
Yang, Can	Electrical & Computer Engineering		Louis-Philippe Morency	Language Technologies ...
MultiSense		Poster Presentation	Wean Commons-1st Floor, Connan side	12-2:30 pm
Yang, Darwin	Chemical Engineering		Nisha Shukla	ICES
Enantiomeric Separation of Chiral Drugs using Tetrahexahedral Gold Nanoparticles		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 4	10:00 am
Yang, Darwin	Chemical Engineering		Conrad Zapanta	Biomedical Engineering
EZ-ECMO: Novel Expandable Catheter for Extracorporeal Membrane Oxygenation		Poster Presentation	Rangos 1 & 2/Sigma Xi Group 4	10:15 am
Yang, Fan	Science and Humanities Scholars		William Hrusa	Mathematics
Online Dominating Set		Poster Presentation	Hoch Commons-2nd Floor, Rangos side	3-5 pm

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Yang, Julia Gallium arsenide band structure calculations using density functional theory methods	Materials Science Engineering	Poster Presentation	Elias Towe Rangos 1 & 2/Sigma Xi Group 6	Electrical & Computer ... 10:00 am
Ye, Alice Perception of Greek Life at CMU	Business Administration	Poster Presentation	Jared Murray Kirr Commons-1st Floor, Window side	Statistics 3-5 pm
Ye, Andrew Creating a Carbon Fiber Trombone: Stage 1	Physics	Poster Presentation	Peter Sullivan Rangos 1 & 2/Sigma Xi Group 5	Music 10:15 am
Ye, Qiutong Satisfaction in the CMU Student College Program	Statistics	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Yeh, Ryan Designing and Implementing an Enzymatic Fuel Cell Car	Chemical Engineering	Poster Presentation	Aditya Khair Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Yi, Lavender Attachment Style Differences in the Amount of and Effectiveness of Received Support	Psychology	Poster Presentation	Brooke Feeney Kirr Commons-1st Floor, Window side	Psychology 3-5 pm
Yin, Weichen Strain-Effective Debye-Waller Factor Strain-Bourne Intensity Modulation for Pure Zirconium	Physics	Poster Presentation	Robert Suter Rangos 1 & 2/Sigma Xi Group 5	Physics 11:30 am
Ying, Tammy Invasion of Candida albicans into polyacrylamide hydrogel	Science and Humanities Scholars	Poster Presentation	Frederick Lanni Rangos 1 & 2/Sigma Xi Group 2	Biological Sciences 10:15 am

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STUDENT, TITLE	DEPARTMENT	CLASS, TIME	ADVISOR, ROOM	ADVISOR DEPARTMENT, TIME
Yip, Crystal The Princess Puppet Theater: Feast	Art	Visual Arts	Ali Momeni Connan	Art 12-2:30 pm
Yu, Alexander Engineers Without Borders - Plastic Thatch	Electrical & Computer Engineering	Poster Presentation	Robert Heard Hoch Commons-2nd Floor, Window side	Materials Science Engi... 3-5 pm
Yu, Deahan Historical Meta-Analysis with a focus on patterns of transportation to work	Statistics	Poster Presentation	Joel Tarr Wean Commons-1st Floor, Connan side	History 12-2:30 pm
Yuan, Quan Opinions and Satisfaction with Blackboard Course Management Software Among Undergraduate Students	Statistics	Poster Presentation	Jared Murray Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Yurko, Ronald Classifying Kepler Objects of Interest	Statistics	Poster Presentation	Rebecca Nugent Wean Commons-1st Floor, Connan side	Statistics 3-5 pm
Zeng, Sam Optimization of Aerodynamic Dirigible Designs for Self-Deterministic Delivery Drones	Mechanical Engineering	Poster Presentation	Satbir Singh Hoch Commons-2nd Floor, Window side	Mechanical Engineering 12-2:30 pm
Zhan, Jamie Kinesin Binding Under Physiological pH and Salt Conditions	Biological Sciences	Oral Presentation	David Hackney Wright	Biological Sciences 3:00 pm
Zhang, Andrew Tradeoffs between Streamlining and Sensor Effectiveness for Head Modules of Biologically-Inspired Snake Robots	Mechanical Engineering	Poster Presentation	Howie Choset Hoch Commons-2nd Floor, Rangos side	Robotics Institute 3-5 pm

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Zhang, Anna Carnegie Mellon's Global Medical Brigades Goes to Nicaragua	Chemical Engineering	Poster Presentation	Jason D'Antonio Hoch Commons-2nd Floor, Rangos side	Biological Sciences 12-2:30 pm
Zhang, Anna Investigation of Fruit Derived Permeation Enhancers for Transepithelial Drug Delivery	Chemical Engineering	Poster Presentation	Kathryn Whitehead Rangos 1 & 2/Sigma Xi Group 3	Chemical Engineering 10:00 am
Zhang, Minfu LoseWait	Language Technologies Inst.	Poster Presentation	Maxine Eskenazi Kirr Commons-1st Floor, Window side	Language Technologies ... 3-5 pm
Zhang, Sasha CMU Community's Attitude Toward Cross Registration at Pittsburgh Area Colleges	Statistics	Poster Presentation	Jared Murray Kirr Commons-1st Floor, Window side	Statistics 3-5 pm
Zheng, Zhaodong Optimization of a Battery Powered Car with Manometer Stopping Mechanism	Electrical & Computer Engineering	Poster Presentation	Aditya Khair Hoch Commons-2nd Floor, Rangos side	Chemical Engineering 12-2:30 pm
Zhou, Emily Increasing Rapport between a User and a Virtual Assistant through User Interface Design	Computer Science	Poster Presentation	Justine Cassell Kirr Commons-1st Floor, Window side	Human Computer Interac... 3-5 pm
Zhou, Julian Identifying Schizophrenia Risk Genes and Sub-Networks Using DAWN Framework	Statistics	Oral Presentation	Kathryn Roeder Dowd	Statistics 1:40 pm
Zito-Wolf, Ariana EZ-ECMO: Novel Expandable Catheter for Extracorporeal Membrane Oxygenation	Chemical Engineering	Poster Presentation	Conrad Zapanta Rangos 1 & 2/Sigma Xi Group 4	Biomedical Engineering 10:15 am

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Zito-Wolf, Ariana	Chemical Engineering		James Schneider	Chemical Engineering
Sensitive Detection of DNA by Transient Isotachophoretic Focusing and Micelle Electrokinetic Chromatography		Poster Presentation	Rangos 3	12-2:30 pm
Zoghlin, Eli	Materials Science Engineering		Michael McHenry	Materials Science Engi...
NANOPERM Crystallization in Single Grain Sized Nanoparticles		Poster Presentation	Wean Commons-1st Floor, Connan side	12-2:30 pm
Zong, Yiming	Computer Science		David O'Hallaron	Computer Science
Testing Framework for Autolab		SCS Independent Study (Poster Presentation only)	Rangos Hallway, 2nd Floor	3-5 pm

TOTAL STUDENTS: 507