

Celebration of Student Achievement: Poster Session Schedule 2015

SESSION A: Roscoe rooms 201/202 12:30 – 1:45

SESSION B: Roscoe rooms 201/202 1:45 – 3:00

SESSION C: Roscoe Rooms 201/202 3:00 – 4:15

SESSION D: Social Sciences Atrium 12:30 – 1:45

SESSION E: Social Sciences Atrium 1:45 – 3:00

SESSION F: Social Sciences Atrium 3:00 – 4:15

Students	School	Department	Faculty Mentor	Project Title	Session	Location
Michael Pierce, Brittany Brydges, Maureen Macintosh, Shannon Williams, Emily Culbertson, Sara Seich, Caitlin Gold, Katelyn Liepins, Natalie Huber, Gabrielle Rivero, Alison Shoemaker, Erin Chamberlain, Krista Carpino	Arts and Communication	Art and Art History	Marcia Taylor	Senior Art Education Posters: Art Lessons from Student Teaching	12-5PM	AIMM 1st Floor
Departments of Music and Interactive Multimedia	Arts and Communication	Interactive Multimedia	John Kuiphoff Teresa Nakra	The Departments of Music and Interactive Multimedia will jointly present a diverse array of interactive technologies in the service of creativity and expression -- our student designers, musicians, and technologists will share several interactive demonstrations, a mini- concert, and audio projects, including: demos of Interactive Multimedia senior capstone projects, including video games, animations, graphics, websites, and other digital assets a mini-concert of interactive music featuring digital interfaces and instruments playing alongside software applications on computers. The performances will use the Max programming environment to support students' musical goals, either by sending MIDI messages, processing audio streams, generating/modifying musical algorithms, or triggering/shaping music in real time. electronic music compositions written both as in-class projects and by members of the Association for Music Production and Discussion		Outside Roscoe 201/202
Villari, J.R.; Evans, Kate; Muprhy, Joie	School of Science	Computer Science	D. Papamichail	Efficient mRNA folding algorithms and multi-objective optimization for synthetic gene design	1-3pm	Forcina Hall 4 th floor
Christiansen, Jonathan	School of Science	Computer Science	D. Papamichail	Piano to guitar automated music transcription	1-3pm	Forcina Hall 4 th floor
Steuerer, Matthew; Hoda, Faisal	School of Science	Computer Science	M. Pulimood	CABECT: A Study into Sustainability	1-3pm	Forcina Hall 4 th floor
Borgia, Thomas	School of Science	Computer Science	M. Pulimood	Modular Implementation and KNN Algorithm Analysis	1-3pm	Forcina Hall 4 th floor
Gottlob, Brandon	School of Science	Computer Science	D. Knox	Real Time Occupancy Notification: A Comparison Between Passive Infrared and iBeacon Implementations	1-3pm	Forcina Hall 4 th floor
Meyer, Benjamin and McNally, Michael	School of Science	Computer Science	D. Knox	TCNJ Carpool Mobile Application Development Using the Ionic Framework	1-3pm	Forcina Hall 4 th floor
Falcon, Gregg	School of Science	Computer Science	P. DePasquale	Church and Dwight Co-Op	1-3pm	Forcina Hall 4 th floor
Astemborski, Jon	School of Science	Computer Science	P. DePasquale	The Canonical Distribution of Ubuntu Openstack	1-3pm	Forcina Hall 4 th floor
Students	School	Department	Faculty Mentor	Project Title	Session	Location
Jenna Bjellquist, Stephanie Agresti, Lauren Longo, Stephanie Vanheest	Arts and Communication	Communication Studies	John C. Pollock	Comparing Cross-National Coverage of Muslim Immigration: A Community Structure Approach	A	1
Elizabeth Watson, Krystin Peitz	Arts and Communication	Communication Studies	John C. Pollock	Cross-National Coverage of Genetically Modified Organisms: A Community Structure Approach	A	2
Theresa Soya	Arts and Communication	Communication Studies	John C. Pollock	Multi-City US Coverage of Rape and Rape Culture on College Campuses	A	3
Cleanthe Kordomenos	Arts and Communication	Communication Studies	John C. Pollock	Nationwide Newspaper Coverage of Mental Health Stigma: A Community Structure Approach	A	5
Christina Luchkiw, Hope Peraria, Jenna Fleck, Andrea Berger	Arts and Communication	Communication Studies		Cross National Newspaper Coverage of Rape and Rape Culture	A	6
Christina Luchkiw, Andrea Berger	Arts and Communication	Communication Studies		Nationwide Newspaper Coverage of Warrantless Wiretapping: A Community Structure Approach	A	7
David Brown, Hope Peraria, Alex Fishbone	Arts and Communication	Communication Studies		Multi-City US Coverage of Rape and Rape Culture in the Military	A	8
Hope Peraria, David Brown, Alec Fishbone	Arts and Communication	Communication Studies		Nationwide Newspaper Coverage of Rape and Rape Culture in the U.S. Military: A Community Structure Approach	A	9
Marc Trotochaud, Lydia Huang	Arts and Communication	Communication Studies		Nationwide Newspaper Coverage of Pediatric Immunizations: A Community Structure Approach	A	10
Shavelly Valencia	Business	Accounting	Susanna Monseau	Tobacco's Plain Packaging Laws and its Conflict with International Law	A	13
Erik Moutenot	Business	Economics	Lynn Tang	How a Multinational corporation's home country culture has a moderating effect on CSR efforts and stock price	A	14

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Students	School	Department	Faculty Mentor	Project Title	Session	Location
Jonathan Martinez	Business	Economics	Lynn Tang	Country Differences in GM food	A	15
Michael Monhan	Business	Economics	Lynn Tang	Cost of Including Emerging Markets in Clinical Research	A	16
Monica Salama	Business	Economics	Lynn Tang	Online Customer Satisfaction	A	17
Wambui Gilbert	Business	Economics	Lynn Tang	Mobile Banking in Low Income Nations	A	18
Chandler Hart-McGonigle	Business	Economics	Michelle Naples	Factors Affecting Social Spending in the United States	A	19
Benedict Iturralde	Business	Economics		Political Risk and World Oil Prices	A	20
David Gazarian	Business	Finance	Susan Hume	Environmental, Social and Governance: Does it Pay to Care?	A	21
Ibin Hennebeger, Stephen Colonnello, Brett Celenze, Krysti Peitz	Business	Finance		Which Is More Effective: Mandated or Self Imposed Restrictions	A	22
Austin Perry	Business	Management	Susanna Monseau	The Future of Social Networks and Communication Technoogy	A	23
Brandon Knight	Business	Management		Managing in a Global Age	A	24
Kyle Smith	Business	Management		Case Study of Tesla Motors and Sustainable Transport	A	25
Michelle Gershteyn, Amber Schlosser, Ashley Thomas	Business	Management		Self Restriction and Social Media in the Study Habits of College Students	A	26
Michael Monaghan	Business	Marketing and Interdisciplinary Business	Lynn Tang	Costs of Including Emerging Markets in Pharmaceutical Clinical Research	B	23
Raquel Roberts, Jenna Castle, Adriana Aurite	Business	Marketing and Interdisciplinary Business	Karen Becker	TCNJ's Changing Majors	B	25
Juliana Pettit	Business	Marketing and Interdisciplinary Business	Nancy Lasher Susanna Monseau	Corporate America's Most Wanted--Don't Trust Your Health to These People	B	26
Aphrael Boltas	Business	Marketing and Interdisciplinary Business	Susanna Monseau	The Legal Concerns Surrounding GMO's	B	27
Austin Perry	Business	Marketing and Interdisciplinary Business		The Future Influence of Social Media on Health Care	B	28
Kyle Smith	Business	Marketing and Interdisciplinary Business		Case Study of Tesla Motors and Sustainable Transport	B	31
Jonathan Martinez	Business				B	33
Wambui Gilbert	Business			Mobile Banking in Lower-Income Nations	B	34
Courtney McGovern	Education	Educational Administration and Secondary Education	Ruth J. Palmer	Relationships in Ecosystems and Engineering Design	A	58
Jennifer Liang	Education	Elementary and Early Childhood Education	Blythe Hinitz	Teaching Tolerance in Early Childhood	A	59
Caroline Nucatola	Education	Elementary and Early Childhood Education	Lauren Madden	Teaching Sustainability and Food in the Elementary Classroom	A	60
Courtney McGovern	Education	Elementary and Early Childhood Education	Lauren Madden	Interdependent Relationships in Ecosystems and Engineering Design	A	61
Kelsey Snedeker	Education	Elementary and Early Childhood Education	Lauren Madden	Sustainability Education and the CCS Program	A	62
Kerry Farnum, Joyce Seifried, Angie D'Armiento	Education	Elementary and Early Childhood Education	Lauren Madden	Scientific Experimentation and Capitalizing on Teachable Moments	A	62
Kelsey Snedeker	Education	Elementary and Early Childhood Education	Louise Ammentorp	A Case Study Analysis of Effective Environmental Sustainability Education	A	64
Ceili Boles, Helen Eliya, Alexandra Cullen, Britani Raynor	Education	Elementary and Early Childhood Education	Lynnette Mawhinney	Fostering all Young Minds for a Brighter Future	A	65
Kailey Stangle, Ashley Purcell, Morgan Johnson, Emma Young	Education	Elementary and Early Childhood Education	Lynnette Mawhinney	English as a Second Language	A	66
Karine Therlonge, Niamh Glynn, Melissa Katz, Alexandra Castillo, Kashana Ricketts	Education	Elementary and Early Childhood Education	Lynnette Mawhinney	Testing to Teach, Teaching to Test: All The Things Wrong With Standardized Testing	A	67
Solangie Veloz, Jasmine Dupree, Jessica Quijano, Mohammed Ali	Education	Elementary and Early Childhood Education	Lynnette Mawhinney	Where You Live Matters: The Effects of School Choice and Zoning	A	69
Georgia Racanelli	Education	Elementary and Early Childhood Education		The 1963 Birmingham Children's March	A	70
Kelsey Schroepfer	Education	Elementary and Early Childhood Education		Selma	A	71
Leah Duford	Education	Elementary and Early Childhood Education		Montgomery Bus Boycott: Coming Together to Resist Racial Injustice	A	72

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Students	School	Department	Faculty Mentor	Project Title	Session	Location
Rachel Divanno	Education	Elementary and Early Childhood Education		Investigating the Science in Storybooks with PreK Parents	A	73
Sarah Fakhoury	Education	Elementary and Early Childhood Education		Bombing of the 16th Street Baptist Church: 1963	A	74
Kristine Gaffney	Education	Elementary and Early Childhood Education		Broown v. Board of Education	A	75
Anna Prestera	Education	Special Education, Language and Literacy & Deaf Education		Animal-Assisted Therapy and Implications for the Future	A	76
Sona Patel, Kishan Faldu, Andrew DeMaria, Anmol Tank	Engineering	Biomedical Engineering	Xuefeng Wei	Utilizing Ocular Movements to Control a Power Wheelchair	C	47
Aileen Sauelinas, Roberto Cortinas, Jessica Gonzaga, Anasha Green	Engineering	Biomedical Engineering		TCNJ Athlete Tracker	C	48
Christina Rabolli, Gabriela Zapata, Carmen Cincotti, Shaun O'Donnell	Engineering	Biomedical Engineering		Strength-Amplifying Hand Exoskeleton	C	49
Lauren Sidow, Logan Hones, Adriana Chisholm, Giancarlo Cruz, Dan Castellucci	Engineering	Biomedical Engineering		Arm Prosthesis with Interactive Neural Input	C	50
Devon Horner, Kyle Hyland, Yung Han Jeong, Victoria Martin	Engineering	Biomedical Engineering		Mandibulomaxillary Fixation Device	C	51
Nailah Mubin, Faraz Ahmed, Jerry Chang, and Kelvin Resto	Engineering	Biomedical Engineering		SPAR-X Robotic Exerciser	C	52
Naina Iyengar, Andrew DeMaria	Engineering	Biomedical Engineering		Novel Fractal Electrode Geometries for Efficient Deep Brain Stimulation of Neural Tissues	C	53
Abayomi Arowolo, Sean Clarry, Justin Meyer, and Patrick Kimball	Engineering	Civil Engineering	Andrew Bechtel Verdrana Krstic	Green Lane Fields Indoor Sports Complex	C	54
James Reilly, Jake DeWitt, Megan Todaro	Engineering	Civil Engineering	Nabil Al-Omaishi	Calhoun Street Bridge Redesign	C	55
Alex Spence, Jake DeWitt, Megan Todaro	Engineering	Civil Engineering	Vedrana Krstic	Rt. 36 Pedestrian Bridge	C	56
Stella Karcnik, Anthony DeVita	Engineering	Civil Engineering	Vedrana Krstic	Mars Extra- Terrestrial Structure	C	57
Daniel Worts, Jim Rottinger, Jordan Freedner, Ben Kushnir	Engineering	Electrical and Computer Engineering	Ambrose Adegbege	Autonomous Quadcopter	C	58
Eric Mauro	Engineering	Electrical and Computer Engineering	Ambrose Adegbege	Embedded Quadratic Programming for Low-end Low-cost Programmable Logic Controller	C	59
Margaret Ryan, Patrick Hanrahan, Jeffery Owens, Jake Perazzone	Engineering	Electrical and Computer Engineering	Allen Katz	Wireless Energy Harvester	C	60
Eric Blow, Joseph Urciuoli, Kenny Ruddick, Maxwell Duffy	Engineering	Electrical and Computer Engineering	Allen Katz	Advanced Capabilities of Underwater Locator Beacon Detection System	C	61
Abdoulaye Diallo, Alexander Cook, Kari Gilbertson, Nicholas Vitone, Abdoulaye Diallo	Engineering	Electrical and Computer Engineering	Larry Pearlstein	Putting Wi-Fi on the Map: Mapping the Wireless Availability at TCNJ	C	62
Joseph Azzolini, Antonio Cucciniello, Devin Maiello, Chris Springer, Joseph Azolini	Engineering	Electrical and Computer Engineering	Larry Pearlstein	MiFM TiVo for Radio Device	C	63
Yevgen Tkachuk, John McGroarty, Dan Sticco, Bryan Adams	Engineering	Mechanical Engineering		TCNJ Firefighting Robot	C	64
Fowler, Dalton	Engineering	Technological Studies	Christopher Anderson	Crab SERT - An Electronic Crab Trap	C	65
Bavaro, Angela	Engineering	Technological Studies	Christopher Better	Redesigning The Alarm Clock	C	66
Scheerer, Harrison	Engineering	Technological Studies	Henry Harms	Can Crusher	C	67
Cardenas, Kevin	Engineering	Technological Studies	Manuel Figueroa	Color Coding Toy	C	68
Erdreich, Jason	Engineering	Technological Studies	Manuel Figueroa	Tomorrow's Smart Storage Solution for iSTEM Classrooms	C	69
Garrera, Matthew	Engineering	Technological Studies	Manuel Figueroa	iSTEM Classroom Access Control System	C	70
Papadopoulos, Chris	Engineering	Technological Studies	Manuel Figueroa	Poseidon Project - Solar Desalination	C	71
Andrew Kornas	Humanities & Social Sciences	Honors/US History	David Blake	Honors Research Projects from the US Studies course "Recovering the 1950s"	B	36
Arianna Chatterjee	Humanities & Social Sciences	Honors/US History	David Blake	Honors Research Projects from the US Studies course "Recovering the 1950s"	B	37
Emily Albright	Humanities & Social Sciences	Honors/US History	David Blake	Honors Research Projects from the US Studies course "Recovering the 1950s"	B	38

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JoAnna DiCiccio	Humanities & Social Sciences	Honors/US History	David Blake	Honors Research Projects from the US Studies course "Recovering the 1950s"	B	39
Joseph Worthington	Humanities & Social Sciences	Honors/US History	David Blake	Honors Research Projects from the US Studies course "Recovering the 1950s"	B	40
Robert Nunes	Humanities & Social Sciences	Honors/US History	David Blake	Honors Research Projects from the US Studies course "Recovering the 1950s"	B	41
William Wycoff	Humanities & Social Sciences	Honors/US History	David Blake	Honors Research Projects from the US Studies course "Recovering the 1950s"	B	42
Christopher Davis	Humanities & Social Sciences	Political Science		The Effect of Party and Ideology on States' Decision to Expand Medicaid	A	11
Irene Denis	Humanities & Social Sciences	Political Science		Transition to Competitive Authoritarianism	A	12
Steven Schwering	Humanities & Social Sciences	Psychology	Tamra Bireta	Aging and the Isolation Effect: The Type of Test Matters	D	1
Rebecca Cestari	Humanities & Social Sciences	Psychology	Jason Dahling	Advertising Perceptions	D	2
Roudina Georgy, Dana Kneis, Mariella Hanna, Angel Lugo,	Humanities & Social Sciences	Psychology	Daniel Kaplan	Spiritual Intelligence and Cannabis Use	D	3
Vickie Zourzoukis, Elisabeth O'Connor, Yoonah Oh, Idris Ajibulu, Maia Postle	Humanities & Social Sciences	Psychology	Daniel Kaplan	Observing the Relationship Between Substance Use and Anxiety	D	4
Nicole Fasano, Gabby Heverin, Kimmie Siehl, Brenna Levy, Christine Beverin	Humanities & Social Sciences	Psychology	Daniel Kaplan	Belief Systems and Mental Health: The Effects of Gender, Substance Use, and Religiosity on Purpose in Life	D	5
Victoria Guzik, Mala Begum, Eridania Hernandez, Courtney Pfeiffer, Kendall Walker	Humanities & Social Sciences	Psychology	Daniel Kaplan	Religiosity Among College Students: Gender Differences and Protective Effects	D	6
Meghan Ingram, Megan McAuley, Mariah Springer, Elizabeth Stemetzki, Pierre Venescar	Humanities & Social Sciences	Psychology	Daniel Kaplan	The Relationship Between Depression and Substance Use in College Students	D	7
Keren Park, Juliana Parinello, Nishawn Rahaman, Emily Roberts, Sally Sturm	Humanities & Social Sciences	Psychology	Daniel Kaplan	The Association Between Anxiety and Substance Use in College Students	D	8
Ryan Hughes, Emily Bartow	Humanities & Social Sciences	Psychology	Jean Kirnan	The Relationship Between Victimization and Metacognition	E	1
Chloe Salzman	Humanities & Social Sciences	Psychology	Jean Kirnan	Effects of Divorce on Elementary School Students	E	2
Stephanie Menakis	Humanities & Social Sciences	Psychology	Jean Kirnan	An Examination of Employee Socialization & Onboarding	E	3
Jessica Petkevis, Wachen Harris, Mary Kennedy, Emily Maragni	Humanities & Social Sciences	Psychology	Jean Kirnan	Mathematical Questions and Metacognition	E	4
Kiran Patel, Zachary Meiklejohn, Harry Johnson	Humanities & Social Sciences	Psychology	Jean Kirnan	Metacognition and Locus of Control	E	5
Marissa Pennypacker, Cassandra Lauletta, Lauren Hill	Humanities & Social Sciences	Psychology	Jean Kirnan	Metacognition and Motivation in Self-Assessment	E	6
Margaret Toich, Anna Mitarotondo, Colleen Magley	Humanities & Social Sciences	Psychology	Jean Kirnan	The Relationship between Self-Esteem, Body Image, and Self-Assessment	E	7
Heather Bruett	Humanities & Social Sciences	Psychology	Paul Leynes	Dr. Pepper or Dr. Perky? Brain activity measures of name-brand recognition	E	8
Su Fen Lubitz, Anna Poruks	Humanities & Social Sciences	Psychology	Margaret Ruddy	Internship at the New Jersey Association of Mental Health and Addictions Agencies (NJAMHAA)	F	1
Selina Rivera	Humanities & Social Sciences	Psychology	Margaret Ruddy	Internship at Alexander Elementary School	F	2
Pauleena Pal	Humanities & Social Sciences	Psychology	Margaret Ruddy	Research Internship at Genesis Biotechnology Group	F	3
Thomas J Kelly IV	Humanities & Social Sciences	Psychology	Margaret Ruddy	Internship at Princeton Brain and Spine Care	F	4
Juliana Ardizzone	Humanities & Social Sciences	Psychology	Margaret Ruddy	Internship at University Medical Center of Princeton Center for Eating Disorders Care	F	5
Anna Poruks, Su Fen Lubitz	Humanities & Social Sciences	Psychology	Margaret Ruddy	Internship at New Horizon Treatment Services	F	6
Linda Gu	Humanities & Social Sciences	Psychology	Margaret Ruddy	Counseling Center at Hamilton Field Experience	F	7
Andrew Edelblum, Brittany Wetreich, Caitlin Loyka, Lindsey Hatch	Humanities & Social Sciences	Psychology	John Ruscio	An External Validity Review of Mindless Eating Research	F	8
Maria Mendoza	Humanities & Social Sciences	Psychology		Smoking Cessation Through Positive Punishment	F	9
Cindy Cortez	Humanities & Social Sciences	Sociology and Anthropology	Diane Bates	Engaging the Latino Community in Trenton: An Internship with the Division of Planning	C	1
Erin Perna	Humanities & Social Sciences	Sociology and Anthropology	Diane Bates	My Semester at the Department of Environmental Protection	C	2

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Jason Hammer	Humanities & Social Sciences	Sociology and Anthropology	Diane Bates	ENV 399: Internship with the NJ Department of Health	C	3
Jennifer Schablik	Humanities & Social Sciences	Sociology and Anthropology	Diane Bates	Preserving the Palisades from LG Electronics Headquarters Construction	C	4
Kelsey Snedeker	Humanities & Social Sciences	Sociology and Anthropology	Diane Bates	A Sociological Case Study of Flooding in Secaucus	C	5
Sana Ahsan	Humanities & Social Sciences	Sociology and Anthropology	Diane Bates	Lead Poisoning in Trenton	C	6
Sara von Bartheld	Humanities & Social Sciences	Sociology and Anthropology	Diane Bates	Flooding at the Pompton River: A Sociological Perspective	C	7
Abbi Anker, Amanda Intili	Humanities & Social Sciences	Sociology and Anthropology	Elizabeth Borland	The People of Sandy: A Study in Visual Sociology	C	8
Chris Felton	Humanities & Social Sciences	Sociology and Anthropology	Elizabeth Borland	Stereotyping Muslim Men: A Content Analysis of US American Political Cartoons	C	9
Colin Kochenash, Rene Moore	Humanities & Social Sciences	Sociology and Anthropology	Elizabeth Borland	Old Trenton Photo Elicitation and Visioning Project	C	10
Samantha Altman	Humanities & Social Sciences	Women's and Gender Studies	Emily Meixner	Emotional (Boy)havioral Disorders: Examining the Gender Gap in Emotional Behavioral Disorders Classrooms	C	11
Megan Devlin, Alexandra Oskam, Jaime Kindervatter, Ji Hwang	Nursing, Health and Exercise Science	Health and Exercise Science		Effectiveness of Advertising TCNJ Events	A	26
Victor Szazvay	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	Prevention of Venous Blood Specimen Collection Hemolysis	A	27
Daniel Schroeder	Nursing, Health and Exercise Science	Nursing	Marcia Blicharz	The Effects of Bar Coding on the Reduction of Medication Errors	A	28
Colleen Hanson	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	Primary Prevention: Preventing Disease through Healthy Living	A	29
Lindsay Walheim	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	Treatment for Spasticity in Children with Cerebral Palsy Practice Guideline Analysis	A	30
Mikayla Mulligan	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	Depression in Older Adults	A	31
Selena Senachai	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	Concussions in Sports Clinical Guideline	A	32
Allison M White	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	Clinical Guideline to Prevent Pressure Ulcers in Older Adults	A	33
Amanda Librizzi	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	Guidelines for Treatment of Pediatric Acute Otitis Media	A	34
Angela Serido	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	The Prevention of Intravascular Catheter-Related Infection	A	35
Carolena Vargas	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	Preventing Perioperative Peripheral Neuropathies	A	36
Carolyn McClure	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	Axillary versus Rectal Temperatures in Newborns	A	37
Carolyn McClure, Kelly Williamson	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	The Effects of Swaddling on Newborns	A	38
Christine Castelluber	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	Childhood Obesity and Associated Risks: National Prevention Guidelines	A	39
Deepa Rana	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	Management of ADHD: Diagnosis & Treatment Process	A	40
Elena Shupak	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	Management of Postoperative Nausea and Vomiting in the Clinical Setting	A	41
Gina Brucato	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	Pressure Ulcer Prevention Guidelines	A	42
Hannah McKay	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	Vaginal Birth After Cesarean Section: Evaluation of the Guideline	A	43
Jaclyn Witkowski	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	Breastfeeding to Reduce Infant Pain During Vaccinations.	A	44
Jonathan Mandato	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	Treatment of Social Anxiety Disorder	A	45
Joshua Limon	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	Diagnosis and treatment of Parkinson's disease	A	46
Kaitlyn Ellert	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	Effectiveness-based guidelines for the prevention of cardiovascular disease in women	A	47
Karoline Tuason	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	Immunization Guideline Analysis for Non-vaccinated Children	A	48
Katie Murphy	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	Management of Obstructive Sleep Apnea	A	49
Kelly Williamson	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixiera	Preventing Stroke in Women	A	50

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Kimberly Ho	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixeira	Preventing Cerebral Vascular Accidents in Pediatric Patients with Sickle Cell Disease	A	51
Lauren Heddy	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixeira	The Management of Stable Angina	A	52
Mariya Monastyrskaya	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixeira	Breastfeeding Guideline for Low-income Communities	A	53
Nancy Ugalde	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixeira	Promotion and Delivery of Breastfeeding in Maternity Facilities	A	54
Ryan Henry	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixeira	Non-Pharmacologic Therapies of Depression	A	55
Samantha Galicki	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixeira	Reducing the Incidence of Falls in Hospitals	A	56
Sarah Szulecki	Nursing, Health and Exercise Science	Nursing	M. Elizabeth Teixeira	Non-Pharmaceutical Treatment Modalities for Depression: A Clinical Guideline Review	A	57
Amy Schwartz, Alyssa Henderson, Katharine Rosa, Stephanie Savage	Nursing, Health and Exercise Science	Nursing	Marcia Blicharz	Prevention of Patient Falls: Telemonitoring	B	1
Larissa dos Santos Brandão, Priscila Sousa de Andrade	Nursing, Health and Exercise Science	Nursing	Tami Jakubowski	HPV vaccination: parents concerns, barriers and nursing role	B	2
Adrian Cruz, Katrina Vergara	Nursing, Health and Exercise Science	Nursing		Minimizing Pain During Invasive Procedures	B	3
Adrian Cruz	Nursing, Health and Exercise Science	Nursing		Lifestyle Management to Reduce Cardiovascular Disease Risk	B	4
Angela Ning, Kayla Shaver	Nursing, Health and Exercise Science	Nursing		Breastfeeding Versus Formula Feeding	B	5
Carolena Vargas, Katherine Murphy	Nursing, Health and Exercise Science	Nursing		Aromatherapy and Pediatric Anxiety	B	6
Casey Parker	Nursing, Health and Exercise Science	Nursing		Methadone Maintenance Treatment	B	7
Christina Rietzen, Jenna Begbie	Nursing, Health and Exercise Science	Nursing		Use of Assistive Devices for Intravenous Catheter Access in Pediatric Patients	B	8
Christine Castelluber	Nursing, Health and Exercise Science	Nursing		Childhood obesity and associated disorders	B	9
Conor Mulholland, Kristyn Chiarello	Nursing, Health and Exercise Science	Nursing		The Effects of Physical Education in Adolescence and Childhood	B	10
Emma Schneider, Madeline Konyha	Nursing, Health and Exercise Science	Nursing		Asthma Medication Adherence in Pediatric Out-Patients	B	12
Jaclyn Witkowski, Brie Galvin	Nursing, Health and Exercise Science	Nursing		Breastfeeding to Reduce Infant Pain During Vaccinations.	B	13
Jordan Stefanski, Edward Egan	Nursing, Health and Exercise Science	Nursing		PET THERAPY FOR CHILDREN WITH AUTISM SPECTRUM DISORDER	B	14
Kaitlyn Ellert, Stana Leigh Ziemba	Nursing, Health and Exercise Science	Nursing		Effectiveness of metered dose inhalers v. nebulizer treatment	B	15
Kelly Williamson, Carolyn McClure	Nursing, Health and Exercise Science	Nursing		The Benefits of Breastfeeding in the Overall Health of Children	B	16
Leticia Teixeira Torres, Selma Maria Accioly	Nursing, Health and Exercise Science	Nursing		Prevention of obesity in children	B	17
Stephanie Barthel, Karlie Korz	Nursing, Health and Exercise Science	Nursing		Effect of Pacifier Use on SIDS	B	18
Tammy Chan, Brianna Carlotti	Nursing, Health and Exercise Science	Nursing		Breastfeeding versus Formula Feeding and the Reduction of Asthma in Children	B	19
Viktoria Guendelsberger, Lisa Marron	Nursing, Health and Exercise Science	Nursing		Pain Management in Infants	B	20
Alyssa Aboff, Casey Parker	Nursing, Health and Exercise Science			Pediatric Immunizations & social media	B	21
Dayna Schor, Eric DeGood	Nursing, Health and Exercise Science			Childhood Obesity	B	22
Colin Flannelly	Science	Biology		Conservation genetics of <i>Elliptio complanata</i> in the Delaware and Susquehanna River Basins	B	11
Nikhil Sekher	Science	Biology	James Bricker	Extraction and analysis of diatom DNA from lakes in Mercer County	B	43
Ariana Appierto	Science	Biology	James Bricker	DETERMINATION OF THE USEFULNESS OF SPECIFIC PRIMER SETS IN IDENTIFYING DIATOMS FROM FRESHWATER LAKES	B	44
Preethi Govindarajan, Cecilia Johnson, Audrey Miller	Science	Biology	Luke Butler	Quantifying plumage signal quality in wintering populations of a migratory songbird	B	45
Jessica A. Nardone	Science	Biology	Jeffery Erickson	Does Prenatal Nicotine Exposure Alter Serotonin Neuron Development in the PET-1 Knockout Mouse?	B	46
Nikita Jhavar	Science	Biology	Jeffery Erickson	Expression of Dominant Negative Myostatin in the Chloroplast Genome for Oral Delivery of Bioencapsulated Plant Cells as Treatment for Muscular	B	48

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Students	School	Department	Faculty Mentor	Project Title	Session	Location
Pankti Kothari	Science	Biology	Jeffery Erickson	Inhibition of multiple myeloma proliferation using naltrindole and bortezomib	B	49
Danielle Flood	Science	Biology	Jeffery Erickson	Investigating the Function of Set4 Protein in <i>Saccharomyces cerevisiae</i>	B	50
Luqian Liu	Science	Biology	James Bricker	Isolation and Analysis of Microsatellite Loci in <i>E. guttata</i>	B	51
Sapna Shah, Ami Shah	Science	Biology	Jeffery Erickson	A Cry for Help: Ultrasonic Vocalizations, Serotonin Deficiency, and the Expression of Mouse Maternal Behavior	B	52
Jesse Mendillo	Science	Biology	Marcia O'Connell	An Analysis of Zebrafish SqdD During Embryogenesis	B	53
Darshak Vekaria, Navjot Singh	Science	Biology	Dennis Shevlin	Genetic structure within an Ohio population of the obligate endoparasitic fungus <i>Sporisorium ellisii</i> on its grass host, <i>Andropogon virginicus</i>	B	54
Dongyoung Kim	Science	Biology	Jeffery Erickson	Underwater Visual Survey for the Determination of Effectiveness of Marine Protected Area for Finfish Population Around South Caicos, Turks and Caicos Islands	B	55
Shota Kikozashvili, Anshu Patel	Science	Biology	Jeffery Erickson	The effect of serotonin deficiency on "fictive" breathing in the isolated neonatal mouse brainstem/spinal cord	B	56
Dan Sprague	Science	Biology	Tracy Kress	The NuA4 and Swr1 chromatin modification complexes are important for DNA splicing	B	57
Abigail Calixto, Shivani Patel	Science	Biology	KT Elliott	Characterization of the predicted Holliday junction resolvase, YqgF and its effect on the formation of large genetic deletions in <i>Acinetobacter baylyi</i>	B	58
Dylan McClung	Science	Biology	KT Elliott	YqgF, a predicted Holliday junction resolvase, and RuvC, a known resolvase, have opposite effects on recombination phenotypes in	B	59
Mackenzie Mosera	Science	Biology	KT Elliott	Comparative studies of RuvC and YqgF, a putative Holliday junction resolvase in <i>Acinetobacter baylyi</i> , ADP1	B	60
Edward Jung, Kevin Mesina, Ariel Moskowitz	Science	Biology	Leeann Thornton	Genetic Analysis of Plant Cytochrome P450 Enzymes	B	61
Daniel Chawla	Science	Biology	Nina Peel	What's tubulin glutamylation good for?	B	62
Raghav Gupta, Hena Tahir	Science	Biology	Dennis Shevlin	Genetic structure within a Pennsylvania population of the obligate endoparasitic fungus <i>Sporisorium ellisii</i> on its grass host, <i>Andropogon virginicus</i>	B	63
Abdul W Kazi	Science	Biology		Experimental evolution of gene amplification mutants in <i>Acinetobacter baylyi</i> ADP1	B	64
Alanna Cohen	Science	Biology		Complex Evolutionary Histories and their Effects on Phylogenetic Analysis in <i>Viburnum</i>	B	65
Amanda Blandford	Science	Biology		Dietary Analysis of Boa Constrictors on the Island of Aruba	B	66
Amanda Goble, Patrick Gallagher	Science	Biology		Unearthing the <i>Viburnum</i> Phylogeny for study of taxonomy and historical biogeography	B	67
Ami Shah, Sapna Shah	Science	Biology		A Cry for Help: Ultrasonic Vocalizations, Serotonin Deficiency, and the Expression of Mouse Maternal Behavior	B	68
Anar Naik	Science	Biology		Studying the importance of tubulin glutamylation to microtubule formation and function	B	69
Andrew Goldfarb, Santiago Pulido	Science	Biology		Measurement of HMGR and EF2 gene expression in the mandibular organ of the green crab <i>Carcinus maenas</i>	B	70
Anshu Patel, Shota Kikozashvili	Science	Biology		The effect of serotonin deficiency on "fictive" breathing in the isolated neonatal mouse brainstem/spinal cord	B	71
Aparna Yarram	Science	Biology		Investigating the Impact of Ocean Acidification on the Mechanical and Structural Properties of Red and Blue King Crabs	B	72
Audrey Miller, Cecila Johnson, Preethi Govindarajan	Science	Biology		Using hematological parameters to quantify winter health of migratory songbirds.	B	73
Brad Newton	Science	Biology		Plastid assembly and annotation of <i>Viburnum cassinoides</i> and its implications for <i>Viburnum</i> phylogeny	B	74
Christine Makdisi, Shai Bejerano	Science	Biology		Evaluating the Effects of Ocean Acidification on the Mechanics and Structure of Southern Tanner Crab Mineralized Tissue	B	75
Christine Weng, Ryan Le	Science	Biology		Effect of salinity on FAOMeT expression in the green crab <i>Carcinus maenas</i>	B	76
Colin Flannelly	Science	Biology		Model U2AF1 spliceosome mutation linked to myelodysplastic syndromes and acute myeloid leukemia	C	13
Dhruv Maisuria, Neel Patel	Science	Biology		Genetic structure within a NJ population of the obligate endoparasitic fungus <i>Sporisorium ellisii</i> on its grass host, <i>Andropogon virginicus</i>	C	15
Elizabeth Matthews, Scott Eckert	Science	Biology		The effects of deer and <i>Microstegium vimineum</i> invasion on native woody and herbaceous plants	C	16

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Students	School	Department	Faculty Mentor	Project Title	Session	Location
Emily Keppen	Science	Biology		Effects of Cobalt Chloride-Induced Hypoxia on Lifespan and Brood Size in <i>C. elegans</i>	C	17
Emily Van Malden	Science	Biology		Population Genetics of the Freshwater Pearl Mussel <i>Margaritifera Margaritifera</i>	C	18
Jessica Nardone	Science	Biology	Jeffery Erickson	Thermal Ecology of the Eastern Box Turtle (<i>Terrapene carolina carolina</i>)	C	19
Isabel Armendi	Science	Biology		Population Genetics of the Freshwater Mussel " <i>Elliptio complanata</i> " in eastern North America	C	20
Isabel Distefano	Science	Biology		Pollen morphology of the breadfruits (<i>Artocarpus</i> , <i>Moraceae</i>): Pollen preparation, measurement, and analysis	C	21
Jacob Perlman	Science	Biology		Expression and Polyadenylation Patterns of GSK-3 Binding Protein mRNA during Zebrafish Embryogenesis	C	22
James Etheridge	Science	Biology		Temporal Regulation of Novel <i>Danio rerio</i> Gene <i>Sdq</i>	C	23
Jessica Lee	Science	Biology		What is Glutamylation Good For?	C	24
Julian Sison	Science	Biology		Identifying Major Proteins Involved in Barnacle Adhesion	C	25
Katrice Karanfilian	Science	Biology		Surgical Treatment of Displaced Intra-articular Calcaneus Fractures Through a Combined Medial and Lateral Approach	C	26
Kevin Kim	Science	Biology		Glial Activity in the PnC of the Acoustic Startle Response Neural Circuit Following Mild Traumatic Brain Injury	C	27
Luke Pasick	Science	Biology		Origin and regulation of <i>SqdA</i> in zebrafish embryogenesis	C	28
Madison Ouellette	Science	Biology		Investigating song dialects in hybridizing chickadees	C	29
Mitchell Vaughn, Ryan Goolic	Science	Biology		Effects of deer and <i>Microstegium vimineum</i> invasion on non-native woody plants in suburban forests	C	30
Darshak Vekaria, Navjot Singh	Science	Biology		Genetic structure within an Ohio population of the obligate endoparasitic fungus <i>Sporisorium ellisii</i> on its grass host, <i>Andropogon virginicus</i>	C	31
Navjot Singh	Science	Biology		Nausea and Vomiting (N/V) during Cesarean Section (C/S) with Combined Spinal Epidural (CSE): Can Electrical Stimulation at Acupuncture Point P6 Replace Ondansetron and Metoclopramide For Routine Use To Reduce the Incidence	C	32
Abigail Calixto	Science	Biology	Jeffrey Erickson	Nanoparticle-induced stress signaling and apoptosis in distinctive cell lines	C	33
Paul Mitchell	Science	Biology		Investigating the Extinction of Learning of Predator Cues in Threespine Stickleback Fish	C	34
Pooja Parekh	Science	Biology			C	35
Priya Dalal, Cynthia Timko	Science	Biology		Earthworms, the herb layer, and invasion success of two non-native plants in eastern, suburban forests	C	36
Ruchi Shah, Kate Badecker	Science	Biology		Investigating the role of tubulin glutamylation in male mating	C	37
Sabhya Gupta	Science	Biology		Variability in Apgar Score	C	38
Santiago Pulido, Andrew Goldfarb	Science	Biology		Sequencing and qPCR primer design for genes in the Methyl Farnesoate Synthesis Pathway	C	39
Sreeya Komaravolu	Science	Biology		Glial Activation as an Effect of mTBI in the Acoustic Startle Circuit	C	40
Stacey Pan	Science	Biology		Identification of Phosphotyrosine Events Induced by Ionizing Radiation in Breast Cancer Cells	C	41
Stefanie Ucles	Science	Biology		The Set2 histone methyltransferase is required for efficient RNA splicing	C	42
Syndi Barish	Science	Biology		Optimization of microsatellite loci for study of <i>Viburnum</i> population dynamics	C	43
Theodore Stammer	Science	Biology		Evolution of Seed and Fruit Shape and the Implications of Seed Dispersal in <i>Viburnum</i> (<i>Adoxaceae</i>)	C	44
Thomas Sarris, Justin Shaffer, Eric Thom	Science	Biology		Chemical Ecology of Zooplankton	C	45
Tiffany Piattt	Science	Biology		Characterizing the role of CYP72A enzymes in abiotic stress responses	C	46
Evan Li	Science	Chemistry	Lynn Bradley	Aromatic Silyl Ketones and the Brook Rearrangement	B	91
Taylor Maney	Science	Chemistry	David Hunt	Studies Toward the Preparation of Acylated Derivatives of Resveratrol	B	92

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Students	School	Department	Faculty Mentor	Project Title	Session	Location
Alec Grossman	Science	Chemistry	David Hunt	Synthesis of Various Functional Groups on o-aminobenzophenones	B	93
Jessica Bocanegra	Science	Chemistry	David Hunt	Cu-Catalyzed Reaction of 1-Bromo-2-Iodobenzene and 1,2-Cyclohexanedione	B	94
Maria Minor, Kayla Gentile	Science	Chemistry	Guarracino	Degradation Assays of First Generation Therapeutics	B	95
Kyle Webb	Science	Chemistry	Jinmo Huang	The Electroreactivity of Glutathione	B	96
Danielle Miller	Science	Chemistry	John Allison	An Attempt to Identify Iron Oxide Compounds Using MALDI-MS	B	97
Amy Solinski	Science	Chemistry	Lynn Bradley	An Unexpected Aromatization Reaction of Cyclohexanedione Ethers	B	98
Shelby Allen	Science	Chemistry	Lynn Bradley	New Methodologies for Making Benzyl Azetidine Compounds	B	99
Alexis Jones	Science	Chemistry	Stephanie Sen	Disruption of Insect Isoprenoid Biosynthesis with Pyridinium Bisphosphonates	B	100
Taylor Horsfield	Science	Chemistry	Stephanie Sen	Active Site Analysis of Lepidopteran Farnesyl Diphosphate Synthase€“ Implications in Homologous Juvenile Hormone Biosynthesis	B	101
Michael Giordano, Michael Vermuel	Science	Chemistry	Michelle Bunagan	Shifting the conformational preference of an intrinsically disordered peptide	B	102
Andrew Glass	Science	Chemistry		Heterocyclic Ring Formation Using Cyclohexanone-Based Systems	B	103
Catherine Lee	Science	Chemistry		Polymerization of Norbornene Using Cationic (pi-allyl)Nickel(II) Dialkylbiaryl Phosphine Complexes	B	104
Christopher Kirby	Science	Chemistry		Catalytic Transfer Hydrogenation of Aryl Aldehydes Using Cp*Ir(III)Cl Pyridinesulfonamide Complexes	C	86
Cristian Ochoa	Science	Chemistry		Efficient Methods of Synthesizing Benzyl Azetidines	C	87
Elizabeth J. Johnson	Science	Chemistry		Kinetic and Thermodynamic Solubility of Pyrazinamide Cocrystals	C	88
Emaad Siddiqui	Science	Chemistry		Role of RPD3 Protein in Regulating Longevity and Stress Resistance	C	89
Heba Jafri	Science	Chemistry		Molecular Dynamics Study of the Conformational Dynamics of the F4 Fimbrial Adhesin FaeG	C	90
Hussnain Sajjad	Science	Chemistry		Progress Towards the Synthesis, Characterization, and Catalysis of Iridium Complexes Containing [N,N,N]-Pincer Type Ligands	C	91
Luisa Gonzalez	Science	Chemistry		Vibrations and Things that go Bump in the Night	C	92
Margaret Chen	Science	Chemistry		Effect of supporting electrolyte acidity on the voltammetric analysis of cysteine	C	93
Mark Norbury	Science	Chemistry		Determining an Effective Computational Protocol for the Simulation of Model Lipid Membranes	C	94
Mia Kunitomo	Science	Chemistry		Evaluating the Reactivity of (pi-allyl) Palladium Halides Containing Dialkylbiaryl Phosphine Ligands in Suzuki-Miyaura Coupling Reactions	C	95
Patrick Pauls, Matthew Gole, William McDermott, Lea Palacios	Science	Chemistry		Metal Coordination Chemistry Research in the Inorganic Chemistry Classroom	C	96
Matthew Gole, Patrick Pauls	Science	Chemistry		Metal Chelation of Pyridine Sulfonamide Ligands	C	97
Lea Palacios, William McDermott	Science	Chemistry		Novel Bismuth Chalcogenides as potential Thermoelectric Materials	C	98
Ryan Boyne	Science	Chemistry		Exploiting Cocrystals for Organic Solid State Synthesis	C	99
Susan Knox, Dylan Nguyen	Science	Chemistry		Cyclic Peptides for Use in Thrombosis Prevention	C	100
Angelica Sabatini	Science	Math and Statistics	Andrew Clifford	Geodesics: Exploring Right Angles on the Sphere	A	77
Angelo Addresso	Science	Math and Statistics	Andrew Clifford	Beautiful Applications of the Golden Ratio and the Plastic Number	A	78
Dana Marano	Science	Math and Statistics	Andrew Clifford	The Intersection of Geodesics on the Torus	A	79
Danielle Murphy	Science	Math and Statistics	Andrew Clifford	Examining the Shadow of the Three-Dimensional Cantor Dust	A	80
Joseph Ruffo	Science	Math and Statistics	Andrew Clifford	Idempotents in the Semigroup of Differentiable Functions Contained in the Unit Square	A	81
Justin Binnix	Science	Math and Statistics	Andrew Clifford	Numerical Semigroups and an Application in Two Dimensions	A	82

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Students	School	Department	Faculty Mentor	Project Title	Session	Location
Kevin Bazer	Science	Math and Statistics	Andrew Clifford	On Generalizations of the Koch Snowflake	A	83
Rebecca Roberts	Science	Math and Statistics	Andrew Clifford	Julia Sets of Complex-Valued Quadratic Functions	A	84
Victoria Trasente	Science	Math and Statistics	Andrew Clifford	Geodesics in the Poincare Half-Plane Model	A	85
Vincent Longo	Science	Math and Statistics	Andrew Clifford	An Extension of Cantor's Shadow	A	86
Alexandra Puza	Science	Math and Statistics	Chamont Wang	Using differential equations to model Ebola and other infectious diseases: current state and critique	A	87
Anthony Rappa	Science	Math and Statistics	Chamont Wang	Napier-Euler "e" Constant: History, Proof and Application	A	88
Briana Arencibia	Science	Math and Statistics	Chamont Wang	Using Differential Equations to Model Guitar String Frequencies	A	89
Emily Bruinooge	Science	Math and Statistics	Chamont Wang	Emmy Noether's Theorem on Differentiable Symmetry in Nature	A	90
Heiner Fallas	Science	Math and Statistics	Chamont Wang	Euler's Totient Phi Function	A	91
Julianne Curro	Science	Math and Statistics	Chamont Wang	Euler-Bernoulli Beam Equation and Poisson's Ratio	B	77
Kaitlin Blume	Science	Math and Statistics	Chamont Wang	Musings on Euler's Solution to the Basel Problem	B	78
Kristen Clyne	Science	Math and Statistics	Chamont Wang	The Virial Theorem	B	79
Christy Chan	Science	Math and Statistics	Edward Conjura	Asset Price Forecast	B	80
Conor Kelton	Science	Math and Statistics	Edward Conjura	Introduction to the Science of Random Numbers and Monte Carlo Methods	B	81
Elisabeth Carter	Science	Math and Statistics	Edward Conjura	SIR Models and Ebola	B	82
Ellen Plattman	Science	Math and Statistics	Edward Conjura	Mathematics Creates a New Music	B	83
Erik Johnson	Science	Math and Statistics	Edward Conjura	Poisson Approximation to the Binomial Distribution	B	84
Eytan Tal	Science	Math and Statistics	Edward Conjura	Numerical Methods and Differential Equations	B	85
Gloria Han	Science	Math and Statistics	Edward Conjura	Modeling Tuberculosis in South Korea	B	86
Jessica Perez	Science	Math and Statistics	Edward Conjura	Epidemiological Modeling of Seasonal Flu Outbreaks in the US	B	87
Katelyn Dombrowski	Science	Math and Statistics	Edward Conjura	Valuation of Options: A Comparative Analysis of Option Pricing Models	B	88
Madhoolika Rao	Science	Math and Statistics	Edward Conjura	Optimizing Travel Routes Using Delivery Algorithms	B	89
Michael Chiumento	Science	Math and Statistics	Edward Conjura	Predicting March Madness	B	90
Varun Sahni	Science	Math and Statistics	Edward Conjura	Algorithm Complexity and the Sum of Four Cubes Problem	C	72
John Stansfield	Science	Math and Statistics	Michael Ochs	Biological Priors for Gene Expression Analysis	C	73
Cassidy Wilson	Science	Math and Statistics	Richard Thayer	Disability Support Services Survey Data Analysis	C	74
Christopher Moise	Science	Math and Statistics	Richard Thayer	Household Electrical Usage	C	75
Dmitry Suvorov	Science	Math and Statistics	Richard Thayer	Sample size selection for the normal approximation to the Gamma function	C	76
Kevin Kremenich	Science	Math and Statistics	Richard Thayer	Analysis of Mental Health and Suicide at TCNJ	C	77
Nathan Schumann	Science	Math and Statistics	Richard Thayer	Alcohol at TCNJ: Perception vs. Reality	C	78
Paloma Hauser	Science	Math and Statistics	Richard Thayer	Power Based Personal Violence at The College of New Jersey	C	79
Pankhuri Garg	Science	Math and Statistics	Richard Thayer	Thoracic Surgery: Who Survives?	C	80
Philip Blackburn	Science	Math and Statistics	Richard Thayer	Analysis of Home Runs in Major League Baseball	C	81
Philip Kirsanov	Science	Math and Statistics	Richard Thayer	A Study of Sleep in College Life	C	82

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Sarah McGowan	Science	Math and Statistics	Richard Thayer	Sexual Assault at TCNJ: Greeks vs. Non-Greeks	C	83
William F. Lamberti	Science	Math and Statistics	Richard Thayer	State Level Public Opinion on Internet Privacy Using MRP	C	84
Sasha Strauss	Science	Math and Statistics	Thomas Hagedorn	Elliptic Curve Cryptography	C	85
Benjamin Campos, Edmund Witowski	Science	Physics	Romulo Ochoa	Characterization of Litholo Holographic plates	A	92
Chung-yi Lin	Science	Physics	Romulo Ochoa	Experiments for intro physics using a force platform and smartphone	A	93
Nic Freschi, Stefan Maciolek	Science	Physics	R. Shane McGary	Eocene volcanism in Virginia: A preliminary magnetotelluric study	A	94
Krishna Sheth, Tuan Nguyen	Science	Physics	Tuan Nguyen	Development of Connections in Cultured Neuronal Networks	A	95