

Research Day Spring 2018 Poster Presentations				
Poster #	Abstract Title	Authors		Department
1	SAVE OUR GIRLS: Sex Trafficking in the United States	Syria Aaron	Jacqueline Zalewski	Sociology
2	A Comparison of Balance, Postural Sway, Jump-Landing Mechanics, Reaction Time, and Visual Motor Processing Speed in NCAA Division II Athletes With and Without History of Concussion	Haley Anderson, Lundin M.J., Morrison K.E. & Baer D.J.	Nicole Cattano	Kinesiology/Sports Medicine
3	The Performance of Auditory Processing Disorder and Dyslexia on Dichotic Listening Tests	Sydney Anshel	Aaron Roman	Communicative Sciences and Disorders
4	Overweight and Underserved in Adolescent Youth: A Contemporary American Paradox	Elyse Barletta-Sherwin	Health	Ramona-Elena Stone
5	A Benign Approach to Analyzing Beer Degradation	Daniel Biegert & Giacomo Pazzaglia	Blaise Frost	Chemistry
6	Exploring the Relationship between Aerobic Fitness, Functional Movement, Injury and Patient Reported Outcomes in Women's Lacrosse	Marybeth Bindel, Cattano NM, Heinerichs S & Morrison KE	Nicole Cattano	Kinesiology/Sports Medicine
7	Textual Engagement: Surprising Effects of Reading Aloud on Student Writers	Michelle F. Blake		English
8	#TrendingTopics in Suicide Prevention: Advocating for Strength-Based Counseling Interventions	Sara Brewer	Dr. Vickie Ann McCoy	Counselor Education
9	Discourse Practices in the Mathematics Classroom of Experienced and Novice Teachers	Christina Bucci, Heather Fink, Alex Gottschall, Jessie Haverkamp, Kate McNamara, Brittany Parker, Megan Pavlitsa, Cailin Popp, Alex Rufolo, Stephen Schopf, Kiersten Spitzenberger, Katelyn Stout, Chris Trunk & Aysel Tuna	Kathleen McAneny	Mathematics
10	Nitrogen and Phosphorus Co-limitation in the Gulf of Mexico	Jessica Capista	Joseph Montoya	Biology
11	Cultural Norms Affecting First-Generation College Students' Coping and Help-Seeking Behaviors	Janet Chang, Colin Mancini, Brianna McGrath-Mahrer, Kristen Ohl, Sujey Orama & Kiana Melendez	Janet Chang	Psychology
12	Voices from Peru: Cultural Norms and Barriers to Help Seeking	Janet Chang, David Reyes-Farias, Sarah Vandegrift & Michael Antonio	Janet Chang & Michael Antonio	Psychology & Criminal Justice
13	Development of the Slaughter Beach Salt Marsh Salt Ponds	Michael Cohen, Alan Geyer & Garret Rees	Daria Nikitina	Earth and Space Sciences
14	Triadic Family Concordance in Salivary Alpha Amylase (and Cortisol) Response to Challenge	Jazmine Cooper	Susan Gans	Psychology
15	"fifty nights": a connection between music and visual art	James Devor	Peter Paulsen	Music Theory & Composition, Applied Music
16	WCU's Early Alert Program's Impact on Student Academic Performance	Jon Godwin	Jocelyn Manigo	Learning Assistance and Resource Center- Early Alert Program
17	The Relationship Between Home Prepared Meals and Intellectual Disability	Amelia Hamilton	Ramona Stone	Health
18	Solvent Viscosity and Index of Refraction Effects on Fluorescence Resonance Energy Transfer of DNA Duplexes	Abbas M. Husain	Shawn H. Pfeil	Physics
19	SFC Determination of the Scoville Index of Selected Peppers	Steven Huss & Mark Marrone	Mark Shuman	Chemistry
20	Perspectives on Mathematics: Ending the Negative Cycle	Kelli Johnson & Pay Grey	Kim Johnson	Mathematics
21	Comparing Changes in Proximity Between a Silverback and Two Western Lowland Gorilla (Gorilla gorilla gorilla) Infants at the Philadelphia Zoo	Emma Kaplan, Christina Pavia, Samantha Boughton, Jamika Carr, Lorri Fleishman, Robin Graney, Frank Imparo, Katherine Sipple, Samantha Smartschan & Madeline Vandever	Rebecca Chancellor	Psychology
22	Perceived Risk and Knowledge of Diabetes in College Students	Loagan Leshko & Jessica Dukes	Patricia Davidson	Nutrition and Dietetics
23	The Effect of Reduced Audibility on Performance on the Mini-Mental State Examination	Heidi Liebenberg & Alexis Harkins	Aaron Roman	Communicative Sciences & Disorders
24	Arch Height Index and Plantar Pressure Distributions in Females Post-ACL Reconstruction	Morganne Lundin, Cattano NM, Breymeier MM, Anderson HJ, & Morrison KE	Katie Morrison	Kinesiology/Sports Medicine
25	Video Measures of Running Ground Contact Times and Vertical Ground Reaction Forces	Sabrina M. Mangeri, Tyler D. Whitacre, David J. Stearne & Kenneth P. Clark	Kenneth P. Clark	Kinesiology
26	The Anonymous Collection of Longitudinal Data: An Investigation of Self-Generated Identification Codes and Methodological Challenges	Ellen McCauley	Dr. Jodi McKibben	Psychology
27	Assessment of Screening to Identify Female Athlete Triad Risk in NCAA Division II Female Collegiate Athletes	Samantha Miller, Karpinski C., & Keenan L.	Katherine Morrison	Kinesiology/Nutrition/Sports Medicine
28	Human Bocavirus: An exploratory risk assessment	Chelsey Moore	Neha Sunger	Health
29	The effects of an adjustable workout system on performance gains in collegiate lacrosse athletes	Sabrina M. Murphy, Cory Walts, David Stearne & Kenneth P. Clark	Kenneth Clark	Kinesiology
30	What can I do with a sociology degree? The success of West Chester University sociology alumni	Yonahandi Pineda, Allen Snyder & Diamond Pless (Sociology)	Dr. Jacqueline Zalewski	Anthropology & Sociology
31	Numerical Solution to the 1-D Non-Linear Schrodinger Equation	Ben Plumridge	Andreas Aristotelous, Ph.D.	Mathematics
32	Compensation Legislation for The Wrongfully Convicted: The Case of Pennsylvania	Emily Powers	Gerardina Martin	Political Science-International Relations/Honors College
33	Chemical Analysis of Leaf Litter from a Humid Forest on Serpentine Derived Soils in Southwest Puerto Rico	Dustin A. Renninger, Jamie Vann & David R. Vann	Jamie Vann	Earth and Space Science
34	Earth Abundant Metal Oxide Nanoparticles for Sensing Applications	Benjamin Roe & Joseph Swanson	Shawn H. Pfeil & Kurt W. Kolasinski	Physics and Chemistry
35	Nonverbal communication in business negotiation in <i>Shark Tank</i>	Natalia Sakhartova	Elizabeth Munz	Communication Studies
36	Perceptions of Safety and Inclusion in the Transgender, Non-Binary, and Gender Fluid Population at West Chester University	Rebecca Seeley	Elizabeth Munz	Communication Studies
37	Insights into atmospheric aerosol particle morphology from simulations of single-particle light scattering	Gabriel Seymour	Kevin Aptowicz	Physics
38	Preliminary Data Review of Experiences of Students in Recovery from Substance Use Disorder	Adam Sledd	Dr. Amber Holbrook	Graduate Social Work
39	$\delta^{13}\text{C}$ variation in three ecotypes of the tussock-forming Arctic sedge <i>Eriophorum vaginatum</i> under experimental warming	Katie Thompson	Jessica Schedlbauer	Biology
40	Metal assisted etching of silicon: which way is up?	Bret A. Unger, Shannon C. Knight & Teresa Lee	Shawn H. Pfeil & Kurt W. Kolasinski	Chemistry and Physics
41	Impact of a 20-week Snack Bag Program on the Dietary Intake of Collegiate Athletes	Christine Karpinski, Lex Versak, Katie Gunter, Katya Wolf & Mallory Ritthamel	Christine Karpinski	Nutrition
42	Impact of Asthma on Emotion Recognition Task Performance	Erin Walsh & Navy Spiecker	Farzin Irani	Psychology
43	Measuring single-particle absorption from elastic light scattering patterns of complex aggregates	Sequoyah Walters	Dr. Kevin B. Aptowicz	Physics
44	Divide and Profit: Mainstreaming Hate to Secure Viewership	Tyler Walton	Julie Wiest	Sociology
45	Leading Instruction Change with Technology: A Multiple Case Study	Nora Wheeler	Dr. Heather Schugar	Education & Social Work/Literacy
46	The Acute Kinematic Effects of Sprinting with Motorized Assistance	Tyler Whitacre, Sabrina Mangeri, Micheal Cahill, Christian Korfist, and Kenneth Clark	Kenneth Clark	Kinesiology
47	The indirect role of behavioral ecology in prey selection by an apex marine predator, the northern elephant seal	Regan Wilson	Jennifer Mares	Biology
48	Preserving Traditional Food Culture through Working on a Didactic Farm in Perugia, Italy - Summer 2017 WCU Study Abroad Program	Jena Wood, RD LDN, Dr. Lynn Monahan DCN, RDN, LDN & Dr. Michael Di Giovine PhD	Lynn Monahan	Nutrition and Dietetics
49	The impact of collectivistic values on student citizenship and counterproductive behaviors	Kristel Buschan, Rachel Peters, Alyssa Saputelli & Priyatharsini Selvarathinam	Vipanchi Mishra	Psychology