

Widener University Undergraduate Student Project Day  
April 29, 2016  
Schedule of Activities

College of Arts and Sciences

**8:30 – 9:30                      Social Science Presentations**  
**Quick Center 206**

“The Relationship Between Stress, Coping Mechanisms, and Life Satisfaction” Richard Bethke, Morgan Scott, Olivia Gartland, Kwesi Lee (Dr. David Fendrich)

“Dress to Impress: Is There a Higher Standard for Women?” Rachel Cohen, John Murray, Courtney Risher, Rubin Thomas (Dr. David Fendrich)

Internship placement at Horizon House, Michelle Bilski (Dr. Lawrence Fehr)

Internship Placement at Seabrook House, Olivia Gartland (Dr. Lawrence Fehr)

Internship Placement at Devereux Foundation, Therese McDonald (Dr. Lawrence Fehr)

Internship Placement at Elwyn Institute, Katherine Yauri (Dr. Lawrence Fehr)

**8:30–9:45                      Science Oral Session I**  
**University Center – Webb Room**  
**Moderator – Dr. Hemlata Mistry**

“Effects of Stress on physiology and behavior in male *Betta splendens*” Alexandria D’Ginto (Dr. Cary Leung)

“Investigating the effect of acute nerve cord injury on gene expression in the embryonic *Drosophila* ventral nerve cord” Shijo Benjamin (Dr. Hemlata Mistry)

“Thermal acclimation and red muscle function in rainbow smelt (*Osmerus mordax*)” Jacie Shuman (Dr. David Coughlin)

“Investigating the effect of atrazine exposure on aromatase induction and the sexual reproductive system in male *Procambarus clarkia*” Nicole Gilette (Drs. Itzick Vatnick, Alexis Nagengast & Hemlata Mistry)

“Investigating the role of dietary iron on reactive oxygen species levels in *Drosophila*” Rebecca Vaders (Dr. Alexis Nagengast)

“Quantitative analysis of myosin expression using sequenced myosin cDNA from Rainbow Smelt, *Osmerus mordax*” Michelle Bradley (Drs. David Coughlin and Hemlata Mistry)

**8:30 – 1:20**                    **Social Science Presentations**  
**Communication Studies**  
**Freedom Hall 122**

8:30-9:00 “Soccer for Success: Building a Promotional Campaign and Gaining Parental Involvement” Briana Carcione, Brianna Wylie (Dr. Angie Corbo)

9:10-9:45 “Leadership, Culture, and Diversity within the School of Engineering” Jamal Goodman, Stacey Sunnerville, Derrick McDonald, Ka Chung (Hugo) Luk (Dr. Angie Corbo)

9:55-10:30 “Exploring. Leading. Learning: An Advertising Campaign for The Widener Child Development Center” Brittany Kade, Stephen Ranalli, Anna Roman (Dr. Angie Corbo)

10:40 – 11:15 “The Day of Sustainable Thinking: Event Planning and Promotional Campaign for Chester Writer’s House” Audrey Lee, Jermaine Kamara, Sarah Engman, Victoria Miller (Dr. Angie Corbo)

11:25-12:00 How Sustainability Talks Inspired The Chester Community” Connor Schlegel, Khalil Williams, Anthony Mancini, Haydn Warren (Dr. Angie Corbo)

12:10-1:00 “Connect. Collaborate. Create: Experience Freedom” Joey Badolato, David DePasquale, Eric Licause, Zach Santo (Dr. Angie Corbo)

**9:30 – 11:30**                    **Social Science Presentations**  
**Criminal Justice**  
**Quick 201**

9:30 “Identifying Factors that Predict Whether or Not a Case Settles by a Plea Bargain: The Role of Race” Saad Almazroa, Robert Sing, Rosalyn Toler (Dr. Nancy Blank)

9:50 “Public Perceptions of Law Enforcement Officers” Charles Etherington, Thomas Fleming, Robert James, Anthony Siley (Dr. Shana Maier)

10:10 “A Study of Help Seeking Behaviors among Male Victims of Sexual Assault” Samantha Bramble, Patrick Keller, Matthew Santoro, Nathanael Strickland (Dr. Nancy Blank)

10:40 “The Influence of State Gun Laws on Violent Crimes” Alec DelConte, Matthew Locotos, Philip Ragona, Eric Sharpe (Dr. Shana Maier)

11:00 “Bystander Invention in Sexual Assault on College Campus” Erica Marley, JaLena Jackson, Kaylin Hall, Alexis Gardner, Alicia Hall (Dr. Shana Maier)

**10:00 - 10:55**            **Humanities**  
**University Center Room C**

Honduras Study Trip 2016: Poster Presentation

Students in Humanities 288 (Honduras: Languages and Cultures) will describe their research project, collecting proverbs in English classes at Zamorano University in Tegucigalpa; volunteer work at Allison Bixby Stone Elementary School on the campus; and a Service Learning project at REMAR Orphanage.

Lauren Elliott (Nursing), Olivia Krawtchuk (Psychology, Sociology; English minor), Monica Lesinski (Nursing), Anne Lucius (Biology), Ronald Rabena (International Relations and Political Science), Holly Reynolds (Nursing), Olivia Suarez Onorato (Hospitality Management)

Faculty: Dr. Patricia Dyer (English), Prof. Ruth Cary (English), Dr. Bruce Grant (Biology)

**10:00– 11:15**            **Science Oral Session II**  
**University Center – Webb Room**  
**Moderator – Dr. Kevin Marshall**

“Effects of Cation/Anion Structure on the Thermodynamic Properties of Ionic Liquids”  
Sean Powell (Drs. Ismail Kul and Krishna Bhat)

“Green Synthesis of Isoxazoles: Exploring Methoxy and Methyl Derivatives” Grant Shaffer (Dr. Loyd Bastin)

“Temperature Acclimation and Digestive Performance in Mediterranean Geckos” (Mark Verba, William Kitchen (Dr. Itzick Vatnick)

“Exploring Manganese Dioxide Activation With a Manganese(I) Thioether Complex”  
Alexander Miele (Dr. Louise Liable-Sands)

“Synthesis and structure of a new binuclear copper complex containing an azide ion”  
Charles Hall (Dr. Andrea E. Martin)

“Effect of parasites on physiological function of Minnows” Brooke Durnin, Matt Bell and Ryan Petrini (Dr. Itzick Vatnick)

“Gravitational Waves Detection and Geometric Configuration Optimization of Optical Gyroscopes” John Gormley (Dr. Tony Salloum)

**11:15 - 12:00**            **Humanities**  
**University Center Room C**

"Was It For This?": Editing Wordsworth in Textual Scholarship (ENGL 401) Taylor Brown (English), Ashley DiRienzo (English-Secondary Ed), Victoria Giansante (English), Emma Irving (English), Kimberlee Roberts (English) (Professor Daniel Robinson)

**11:15 - 12:30**            **Science Oral Session III**  
**University Center – Webb Room**  
**Moderator – Dr. Itzick Vatnick**

“Maximum Swimming Speeds and Effects of Buoyancy on Diving Performance in Juvenile Diamondback Terrapins” Nick Puzzella, Wolfgang Trumbauer (Dr. Itzick Vatnick)

“Using Geographic Information System Technology to Assess the Spatial Distribution of Green Stormwater Infrastructure Installation for Widener University’s Main Campus” Benjamin MacLuckie (Dr. Chad Freed)

“Ecological Economics of an Indoor Tower Garden Growing System: Sustainability in Food Production for Widener University” Alexander McCarthy, Devin Hanoaka and Ceravina Amaro (Dr. Bruce W. Grant)

“Designing a Digital Plant Guide Using SQLite and Python” Nicholas Slavin, Amir Faraq (Dr. Yana Kortsarts) \*\* Senior Project\*\*

“Dual-Mode Neural-machine Interface” Albert Muller, Henri Hila, Kyle Mann (EE), Eric Allison (EE), Christine Gieder (BME) (Drs. Suk-Chung Yoon and Yana Kortsarts) \*\* Senior Project\*\*

**11:30 – 12:30**            **Social Science Poster Session 2**  
**High Impact Practices**  
**Quick 206**

“Moral Injury versus Post-Traumatic Stress: Assessing Awareness” Brandon Glenn, Alyssa Park, Alan Reza, Chelsie Vattima (Dr. Debra Stein)

“The Effects of Familiarity and Levels of Severity on Helping Behavior” Samantha Krupa (Dr. Suzanne Mannes)

“International Service-Learning: Promoting Sustainability in Trinidad and Tobago” (Dr. Bretton T. Alvaré, PhD)

The New Jim Crow?: The Effect of Voter Access Restrictions on Racial Turnout Disparities By: Aubrey D’Angelo

**12:00 - 1:00**            **Humanities**  
**Kapelski Learning Center Room 1**

Recital. Students of the dance and chamber programs will present original choreography set to the music of Plante and Fejko. (Professor Jessica Warchal-King, Professor Mara Parker)

**1:00 - 1:30**            **Humanities**  
**University Center Room C**

Students from HIST 395: Private Lives in China will present on topics in pre-modern Chinese history. Savannah Bartlett (History) will present on how opium transformed

from its medicinal and aphrodisiac uses during the Ming Dynasty (1368-1644) to a leisurely/luxury commodity during the Qing Dynasty (1644-1912). Taylor Prahar-Ryals (History) will present on the history of the Jews in Kaifeng. (Dr. Yufeng Mao)

**1:30-2:30**                    **Science Oral Session IV**  
**University Center – Webb Room**  
**Moderator – Dr. Jeff Rufinus**

“Online Over-the Counter Medical Database” Eman Almehaimeed, Nathaniel Wittry (Drs. Suk-Chung Yoon & Adam Fischbach) \*\* Senior Project\*\*

“University Course Registration System” Chris D’Auria, Steven Gallen (Drs. Suk-Chung Yoon and Adam Fischbach) \*\* Senior Project\*

“A Game Called Season’s Adventurer” Mansour Alotaibi Dr. Jeff Rufinus) \*\* Senior Project\*\*

“ Game Programming with Java” Jorge Rivera, Alex Lee (Dr. Jeff Rufinus) \*\* Senior Project\*\*

“Android Application for Widener Sports Fans” Benjamin Goss, Alexandra Roesler (Dr. Adam Fischbach) \*\* Senior Project\*\*

**2:30 –3:30**                    **Humanities Poster Session I**  
**University Center -Webb Room**  
**(Posters from Groups 1 & 2 to be on display from 2:30 to 4:30 pm)**

P-1.11 Posters from class projects in ENVR 388 (Drs. Bruce Grant & Paul Goldberg)  
First Group

**2:30 – 3:30**                    **Science Poster Session I**  
**University Center -Webb Room**  
**(Posters from Groups 1 & 2 to be on display from 12:30 pm to 4:30 pm)**

“*Environmentally-Based Issues in the Chester Community*” Widener EnvironMentors Chapter Students from Showalter STEM Academy High School, Margaret Saccoh, Kamara Staples and La’Nia Thomas (Drs. Loyd Bastin, Chad Freed, Bruce Grant, Steve Madigosky, Karen May, James May and Mrs. Doris Politz )

“Greener Synthesis of Methoxy and Phenyl Isoxazole Derivatives” Bridgitt Leon (Dr. Loyd Bastin)

“Identifying sex determination genes in *Stiphra sp* by degenerate PCR” Andrew Farahat (Dr. Alexis Nagengast)

“Physical Characteristics of Coffee Grown Under Sun and Shade Conditions” Chris Palmieri, Nick Lane (Drs. Steve Madigosky and Itzick Vatnick)

“Analytical and Physical Characterization of Vehicular Paints” Michael C. Visconti (Dr. Shirley Fischer-Drowos)

“Sea Turtle Conservation Programs of the Americas” Brooke Durnin (Drs. Steve Madigosky and Itzick Vatnick)

“Biodiversity of Nocturnal Lepidoptera Using Light Traps on the Uyuca Cloud Forest Preserve, Zamorano University, Honduras” Alexander M<sup>c</sup>Carthy, Tyler Lim, Anne Lucius (Dr. Bruce Grant)

“Introducing *iBox* from *Inka-1* by CRISPR/Cas9 system into mouse models for regulating activity” Julia Dovgy (Dr. Janice Krumm)

“Moth Madness Biodiversity and Conservation Ecology of Moths (Lepidoptera) in Our Urbanizing Landscape” Emma Steirer, Kayla Herr, Natalie Pabon (Dr. Bruce Grant)

Posters from class projects in ENVR 388 (Drs. Bruce Grant and Paul Goldberg) -First Group

**3:30-4:30 p.m.            Science Poster Session II**  
**University Center -Webb Room**  
**(Posters from Groups 1 & 2 to be on display from 12:30 pm to 4:30 pm)**

“The Geology and Ecology of the Tarkill Creek in Delaware State Forest, PA” Brooke Durnin (Dr. Chad Freed)

“Biodiversity of Nocturnal Lepidoptera Using Light Traps at Widener University’s CARES-21 in Costa Rica in January 2016” Brooke Durnin (Drs. Bruce Grant, Stephen Madigosky & Itzick Vatnick)

“Phylogeography and DNA Barcoding of the Ailanthus Webworm Moth (*Atteva aurea* - Yponomeutidae, Lepidoptera) using Cytochrome Oxidase I” Donald Kendall (Drs. Bruce Grant and Alexis Nagengast)

“Phylogeography of the White 2-Speck Moth (*Mythimna unipuncta* - Noctuidae, Lepidoptera): Exploring the evolution of a genus using Cytochrome Oxidase I” Natalie Pabon, Anne Lucius, Kayla Herr, Emma Steirer (Drs. Bruce Grant and Alexis Nagengast)

“Determination of Sodium and Vinegar Content in Various Brine Solutions” Brooke Durnin, Bryan Taylor, Alexander M<sup>c</sup>Carthy -Chemistry 367 (Dr. Shirley Fischer-Drowos)

“Fusion Drinks From Coffee Cascara: Supplementary Income for Coffee Producers” Serena Turco, Stacey Pinto (Drs. Stephen Madigosky and Itzick Vatnick)

“Western blot analysis with GFP antibody to detect a reported 9G8 fusion protein” Theresa Kash, Navkiran Kaur, Yesha Patel (Dr. Alexis Nagengast)

“A Greener Isoxazole Synthesis: Exploring a Variety of Benzaldehyde and Acetophenone Derivatives” Kerry M<sup>c</sup>Cord (Dr. Loyd Bastin)

“Culture methodologies of endophytic fungi isolated from *Capsicum annuum* pepper plants”  
Iman Elkhashab, Serena Turco, Evan Perkowski (Dr. Janice Krumm)

Posters from class projects in ENVR 388 (Drs. Bruce Grant and Paul Goldberg)- Second Group

**3:30 - 4:30**                    **Humanities Poster Session II**  
**University Center -Webb Room**  
**(Posters from Groups 1 & 2 to be on display from 2:30 to 4:30 pm)**

P-2.11 Posters from class projects in ENVR 388 (Drs. Bruce Grant & Paul Goldberg  
Second Group

## School of Business Administration

**8:45 – 9:25 am**            **Management 451**  
**Leslie C. Quick Center – Room 203**  
**Session 1**

### **“WhataCrockMeals - Business Expansion Plan”**

**School of Business Administration:** Joseph Carotozzola, Emmanuel Fields, Meghan Garvey, Seth Klein, Myles Pressey IV, Joseph Santone, Emily Weber, (**Faculty Advisor:** Dr. Michael Rosko, **SBDC Advisors:** Qadree Counsel (Graduate. Assistant) and Dr. Bruce Downing (Primary Consultant), **Entrepreneur/Sponsor:** Mr. Justin West, **Project Board of Directors:** Dr. Ross Steinman, Dr. Annetta Fortune, Dr. Iqbal Mansur)

**9:30 – 10:10 am**        **Management 451**  
**Leslie C. Quick Center – Room 203**  
**Session 2**

### **“Trek Glass Tinting - Business Expansion Plan”**

**School of Business Administration:** Zachary Chatman, Donald Divirgilio, Kyle Gratz, Bailey Heishman, Tyler McClary, Erica Trofa, and Anni Wu, (**Faculty Advisor:** Dr. Michael Rosko, **SBDC Advisors:** Chris Garrity (Graduate. Assistant) and Dr. Bruce Downing (Primary Consultant), **Business Sponsor:** Mr. Joseph Sindoni, **Project Board of Directors:** Dr. Annetta Fortune, Dr. Richard Goeke, and Dr. Brian Larson)

**10:05 – 10:20 am**        **ACCT 451 Accounting Seminar**  
**Leslie C. Quick Center – Room 207**

**“The Ethical Implications Regarding Privacy for Accountants that Use Data Analytics for Decision-making”** School of Business Administration: Shawn Ryan

**10:15 – 10:55 am**        **Management 451**  
**Leslie C. Quick Center – Room 203**  
**Session 3**

### **“Alliance for Achieving Excellence - Business Expansion Plan”**

**School of Business Administration:** Alison Baratta, Taylor Church, Nicholas DellaValle, Geena Gabriele, Junming Li, Jack Vitale, Ya Xiao, (**Faculty Advisor:** Dr. Michael Rosko, **SBDC Advisors:** Bryan Boyd (Graduate Assistant) and Mr. George

Slook (Primary Consultant), **Business Sponsor:** Ms. Maryjo Powell, **Project Board of Directors:** Prof. Lisa Bussom, Dr. Angie Corbo, Prof. Theresa Shea)

**10:25 – 11:00 am**     **MIS 370 Business Analytics**  
**Leslie C. Quick Center – Room 207**

**“The Impact of College Type on Student Finances” School of Business**  
**Administration:** Matthew Reed (Faculty Advisor: Dr. Richard Goeke)

**“An Analysis of Medicare Reimbursement Rates” School of Business**  
**Administration:** Stephanie Wendling (Faculty Advisor: Dr. Richard Goeke)

**11:10 – 11:45 am**     **ACCT 308 Intermediate Accounting**  
**Leslie C. Quick Center – Room 207**

**“The CPA & CMA Examinations: The Benefits of Dual Professional Certification and A Strategy for Students to Earn Both Certifications”**  
School of Business Administration: John Baugh and Andrew Poplawski (Faculty Advisor: Dr. Joseph Hargadon)

**“The New & Improved CPA Examination: What it Means for Accounting Students!”**  
School of Business Administration: Victoria Penny, Kathleen Wendling (Faculty Advisor: Dr. Joseph Hargadon)

**11:30 – 12:10 pm**     **Management 451**  
**Leslie C. Quick Center – Room 203**  
**Session 4**

**“Global Sports Academy – Charting a Course for Stability: Business Plan Development”**  
**School of Business Administration:** Matthew Boland, Brett Flannery, Michael McIlwee, Matthew Natale, Bryan Shields, and Timothy Taylor, (**Faculty Advisor:** Professor Peter Hornberger, **SBDC Advisor:** Bryan Boyd (Graduate Assistant) and Mr. George Slook (Primary Consultant), **Business Owner/Sponsor:** Mr. Roy Blumenthal, **Project Board of Directors:** Prof. Lisa Bussom and Mr. Lenin Agudo, Widener University SBDC)

**12:15 – 12:55 pm**     **Management 451**  
**Leslie C. Quick Center – Room 203**  
**Session 5**

**“dermHA- Rejuvenating Customer Engagement: Social Media and Marketing Plan”**  
**School of Business Administration:** Matthew Adams, Darius Cooper, Michele Hanley, Jacob Jones, Jonathan Koren, Shakore Philip, (**Faculty Advisor:** Professor Peter Hornberger, **SBDC Advisor:** Chris Garrity (Graduate Assistant) and Mr. James Turner (Primary Consultant), **Entrepreneur/Sponsor:** Ms. Mildred Bell, Ms. Carletta London, and Mrs. Angela Bell-Greenaway, **Project Board of Directors:** Dr. Yvonne Antonucci and Dr. Angie Corbo)



**1:05 – 1:45 pm      Management 451**  
**Leslie C. Quick Center – Room 108** (*note room change*)  
**Session 6**

**“Ortho-Pedal, LLC- Gearing Up for Growth: An Updated Business Plan”**

**School of Business Administration:** Samuel Billbrough, Louis, Crispi, Douglas Fisher, Jie Liang, William Morgan, Ian Prahar-Ryals, and Ryan Raiker, (**Faculty Advisor:** Professor Peter Hornberger, **SBDC Advisor:** Qadree Counsel (Graduate Assistant) and Mr. Lenin Agudo (Primary Consultant), **Entrepreneur/Sponsor:** Mr. William Moseley and Mrs. Pamela Moseley, **Project Board of Directors:** Dr. Annetta Fortune, Dr. Jerry Hionis, Jr., Dr. Arthur Schwartz, and Dr. Ross Steinman)

School of Engineering

**8:05 - 9:45              Senior Engineering Projects**  
**Forum - Kirkbride 149**

“Effectiveness of Augmented Reality Biofeedback to Improve Balance and Gait,”  
S. Chorney, A. Madore, N. Sutliff (Professor Akins)

“Design & Fabrication of a Small *In Vivo* Biomechanical Testing Device,” B. Saverine,  
V. Schimpf, M. Tarquini, T. Zamorski (Professor Singh)

“Validation of Washing Equipment for Use in Sterile Parenteral Drug Manufacturing  
Facility,” B. Hicks, A. Jednorski, C. Kerezsi, L. Stoy, T. Remondelli (Professor Huang)

"Adsorption Separation of CO<sub>2</sub> and Hydrocarbons," N. Arzberger, N. Krauss, G. Casa  
Nova, S. Powell, M. Ramsey, S. Yohannan (Professors Saha and Orkoulas)

“Alzheimer’s Disease: 3D Shape-Based Screening for Novel Therapeutic,” N. Dantoni,  
T. Englert, C. Hall, A. Knox, J. Loftus, M. Noyalis, E. Noyes, A. Gramo-Penston  
(Professor Patil)

**9:55 – 11:35            Senior Engineering Projects**  
**Forum - Kirkbride 149**

“New SEPTA Station and Facilities at Marcus Hook’s Existing Station Location,”  
E. Allison, P. Cresci, J. Eckman, S. Judia, R. McCormick O. Pfautz (Professor Radbill)

“Bridge Replacement or Rehabilitation at the SEPTA West Chester Branch” C. Connors,  
K. Coutsouros, R. Hummel, T. Single, Z. Weed, K. Wylie (Professor Jilati)

"Economical Industrial Warehouse Floor Slabs-on-Grade,” A. Brown, N. Gentile,  
R. Getz, J. Siglin, G. Smith, S. Yarosh (Professors Jilati and Tang)

“Sensor Unit for Monitoring Transportation Infrastructure,” V. Filippello, N. Geczo,  
D. Johnson, C. Watts, R. Wilfong (Professors Jefferis and Tang)

“Site Design for a Widener University Softball Complex,” S. Barton, M. Helhowski,  
T. Leach, D. Mancuso, C. Kaenzig, J. Tackett (Professor Ulmer)

**1:15 – 2:55**                    **Senior Engineering Projects**  
**Forum - Kirkbride 149**

"Building Information Modeling (BIM) for Widener University's Campus," A. DePaul, M. Johnson, R. King III, N. Louis, J. Piccioni (Professor Noonan)

"Dual-Mode Neural Machine Interface," E. Allison, C. Gieder, K. Mann  
Arts and Sciences Students: H. Hila, A. Muller (Professors Song and Yoon)

"Test Device for Evaluating ASTM C635/C635M-13 Suspension Ceiling Performance," T. Erb, R. Latimer, M. Mirarchi, J. Sinclair, E. Winick (Professor Czyzewicz)

"Micro-Hydroelectric Turbine," M. Ambrulavage, B. Chabala, A. Cooper, S. Fortin, K. Obasi, D. Secord (Professor Fouladi)

"Design and Fabrication of a Mask Aligner for Photolithography," J. Del Borrello, R. Falkenstein, A. Fischer, M. Munther (Professor Davami)

**3:05 – 4:45**                    **Senior Engineering Projects**  
**Forum - Kirkbride 149**

"Portable Solar-Powered Water Heater," S. Brook, A. Compton, J. Hippauf, S. Sauerbaum, J. Wysocki (Professor Bellezza)

"Laminar Water Jet," B. Appel, M. Donahue, C. Longenbach, D. Nicholson, S. Seace, T. Wilz (Professor Hryniewicz)

"Force-Feedback Pilot Control System for Helicopters," S. Antrim, R. DiColli, L. Duffy, C. Glosy, B. Recinto (Professors Wochele and Johnson)

"Improved Gearbox Design," E. Bjorken, M. Capobianco, A. Garecht, M. Maley, M. Schwiter (Professor Fattah)

"Scaled Helicopter Rotor Test Stand," A. Hew, S. Juliano, B. Lavelle, R. Martinez, E. Moore (Professor Slomiana)

**School of Human Service Professions**

**9:00 - 12:00**                    **Center for Social Work Education**  
**Cottee Hall 118**

"The Impact of Homelessness on Youth Aging Out of Foster Care": Kelley Adelsberger (Brent Satterly)

"Burnout among Child Welfare Workers": Dynesha Alston (Brent Satterly)

"Working with Mental Illness: The Perception of Child Welfare Social Workers": Candice Celestine (Brent Satterly)

“Geriatric Depression among Residents: Nursing Homes vs. Personal Care Facilities”: Gina D’Allura (Brent Satterly)

“Lesbian and Gay Diversity Climate within Widener University”: Jamir Dobson (Brent Satterly)

“Behavioral Modification and Individualized Attention for Children with Problematic Behaviors in Alternative Schools”: Katie Fitzgerald (Brent Satterly)

“Exploring Adult Perceptions of Adolescent Development in Impoverished vs. Affluent Neighborhoods”: Flonja Kalia (Brent Satterly)

“The Effect of Substance Abuse on a Child’s Education: A Teacher’s Perspective”: Alexa Keane (Brent Satterly)

‘The Crazy Cat Lady’: A Look at Services Available to People Who Hoard Animals”: Sandra Lewis (Brent Satterly)

“The Impact of Living in a Poverty-Stricken Community on a Child’s Education: From a Teacher’s Perspective”: Amanda Mullery (Brent Satterly)

“The Impact of Long-Term Care Facilities on the Independence of their Older Adult Residents”: Maria Paterna (Brent Satterly)

“Accessibility Of Available Resources: Defining The Well-Being Of Chester Residents”: Jennifer Rivera (Brent Satterly)

“The Impact of Childhood Sexual Abuse on Body Image and Intimacy: The Perspective of Children’s Crisis Treatment Counselors”: Sophia Tozzi (Brent Satterly)

“Exploration of Homelessness in Chester PA”: Sharaya Weekley (Brent Satterly)

## School of Education, Hospitality and Continuing Studies

**8:45 – 12:00 p.m.     Center for Education  
University Center, Room A**

**8:45 am – 9:00**

**“Literacy Fair Kindergarten Academy 2016”**

Kallee Carney, Danielle Dadamo, Jordan Eplin, Chloe Froelich, Cione Gonzalez, Meghan Guerrieri, Nicole Koenig, Marissa Lindsay, Brianna McBreen, Margaret McLaughlin, Heather Milillo, Heather Moore, Morgan Payne, Nicole Petri, Jessica Reid, Divine Equality Righteous, Kimberly Schroth, Deanna Tomassian.  
Dr. Noreen Yoder ED 1204, Dr. Dana Reisboard ED 1202, Dr. Xiaoboa Li ED 1203

**9:00am – 9:20**

**“Topics in Special Education”**

**“Instructional and Learning Strategies for Teaching Learners with LD”**

Daniel Whalen & Joseph Fitzsimmons

**“Assistive and Instructional Technologies for Reducing or Eliminating Barriers”**

Bradley Dalton & Jonathan Witalec

**“Educating Students with Autism in the General Setting”**

Eric Farrington & Drew Piselli

*Dr. Katia Ciampa, ED 1421 Literacy Intervention in the Content Areas for Learners with Disabilities.*

**9:20am – 9:40**

**“Widener Does Earth Force”**

Bradley Dalton, Drew Piselli, Jonathan Witalec, and Eric Farrington,

**9:40am – 10:00**

**“Students on the Move”**

Bradley Dalton

Dr. Nadine McHenry ED1325 Advancement Assessment in the Middle School

**10:00am – 10:20**

**“Social Studies Thematic Unit”** (Poster Presentation)

Trevor Bickel, Melissa Dugan, Mica Ferguson, Laura Fitzsimmons, Briana Fox, Megan Graham, Paige Haggerty, Brittany Hughes, Nick Isola, Sidney Martinez, Justin Mitchell, Samantha Newell, Mikayla Ninos, Taylor Roberts, Gina Schonberger, Alyssa Smith, Aliyah Thomas.

Kathi Czaplicki, ED 1303 Social Studies Methods

**10:30am – 10:50**

**Sustainability** (Poster Presentation)

**“Sustainability the 3 R’s”**

Jessica McCallister

**“The Garden of Sustainability”**

Melissa Dugan, Nick Isola

**“Sustainability: Habitats and Metamorphosis**

Mikayla Ninos, Alyssa Smith

**“Keep Calm and Recycle”**

Samantha Newell, Mica Ferguson

**“Don’t Be Mean: Be Green! First Grade Sustainability Lesson”**

Brittany Hughes, Aliyah Thomas

**“Engineering Your World”**

Sidney Martinez

**“Water Sustainability”**

Justin Mitchell, Trevor Bickel

**“Sustainability – Water Conservation”**

Megan Graham, Gina Schonberger

**“Water Pollution and Sustainability”**

Laura Fitzsimmons, Paige Haggerty

**“ Bottle Water vs. Tap”**

Amanda Wozniak, Brianna Fox

*Dr. Mary Gozza Cohen ED 1403 Evidence Based Practice /Early Childhood*

**10:50am to 11:20**

**“Advocacy, Collaboration, and Cooperative Learning in the Language Rich Kindergarten Classroom”**

Danielle Dadamo, Jordan Eplin, Kim Schroth, Heather Moore, Maggie McLaughlin, Deanna Tomassian, Brianna McBreen, Jessica Read, Meghan Guerrieri, Divine Equity Righteous, Kallee Carney, Heather Milillo, Cione Gonzales, Nicole Petri, Nicole Koenig  
Dr. Dana Reisboard, ED 1202 Advocacy, Collaboration and Cooperative Learning in the Kindergarten Classroom

**11:20am to 11:50**

**“Language Development at the Widener Child Development Center**

Autumn Curry, Tyler Dempsey, Erica Evans, Chloe Froelich, Xiao Fu, Laura Gilbody, Julia Gillespie, Ayanna Jenkins, Tykeya Jones, Leslye Lloyd, Kaitlyn Nasino, Morgan Payne, Allison Reuter, Katelyn Ropski, Christine Schrader, Colleen Shields,  
Dr. Richard Thurlow, ED 1104 Language Development

**11:50am to 12:00**

**“Learning by Doing: Developing Pedagogical Skills Through Math Tutoring”**

Bradley Dalton, Drew Piselli, Jonathan Witalec, Eric Farrington and Molly Leyette  
Dr. Xiaobao Li, ED 1322 Instruction and Assessment: Math

School of Nursing

**8:30 – 9:30 am      Nursing Poster Presentations  
University Center Lobby  
Faculty: Dr. Jeffers (NURS 332, Section G)**

- 1.Monica Boykins: Lupus and the Effect on Body Image
- 2.Amanda Brady: Acute vs Chronic Beta Blocker Use and Surgical Outcomes
- 3.Selina Cifelli: End-of-Life Comfort Care
- 4.Mary Ann Corle: Drug therapy vs. Medications: A Critical Analysis
- 5.Lauren Davis: Delayed Cord Clamping and Its Effect On Blood
- 6.Stephanie Diedel: SIDS Prevention
- 7.Jennifer Gleeson: Choose Your Wound Dressings Wisely

8. Alice Ledger: Stopping the Stigma: Organ Donation
9. Kaitlyn LoCastro: Calcium Supplements A Menopausal Women's Best Friend
10. Amber Martin: Insulin pump vs Insulin Injections
11. Meghan McLaughlin: VBAC: High BMI vs. Normal BMI
12. Alexis Muir: Equine Therapy for Autism
13. Caitlyn Mullner: Pediatric End-of-Life Care: Home vs. Hospitalization
14. Hailey Opizzi: Exploring the Efficacy of Alternative Treatment Methods for Patients With PTSD
15. Kelsey Ortiz: Family Centered Care Leading NICU Patients to Success
16. Melissa Quinn: The Sound Of Music: Does music therapy reduce stress in pediatric patients?
17. Nikita Ramdass: The student's approach to a dying patient
18. Kaelei Renzi: Breast Feeding Success: Immediate Vs. Delayed Skin to Skin Contact
19. Samantha Sfida: We're All In: Family Presence During Resuscitation
20. Erica Smith: The Effect of Silver on Wound Healing
21. Shae Spicer: Coping Strategies Used by Pediatric Cancer Patients and Their Families
22. Meghan Thompson: Confirming Nasogastric Tube Placement
23. Gabrielle Umosella: UTI: Is Drinking Cranberry Juice Actually Beneficial?
24. Haili Weny: Children's Imagination Can Do More Than Entertain When Used Effectively to Decrease Pain

**8:30 – 9:30 am      Nursing Poster Presentations**  
**University Center Lobby**  
**Faculty: Dr. Igo (NURS 332, Section F)**

1. Nicole Cavalier: Ways to Promote Hand Hygiene
2. Shelbi Edwards : Catheter Associated Postpartum Urinary Tract Infections
3. Nicole Galanti: Breastfeeding in the NICU
4. Shante Grant: Management of Postpartum Pain
5. Jessica Gutierrez: Breast Milk vs Formula Milk: Affects on Infant Growth

6. Michelle Hedricks: Benefits of Skin-to-Skin Care”
7. Angela Hood: Effect of Exercise on Stress and Anxiety”
8. Paige Jackson: Skin to Skin Contact and Breastfeeding
9. Brittney Jamison: Marinol or Marijuana?
10. Cheyenne Kosinski: Exercise During Pregnancy
11. Kristen Kozak: Post Partum Depression
12. Joseph Lamanna: PTSD: Treating Invisible Wounds
13. Kayla Livecchi: Effects of Music Therapy and Pediatric Oncology Patients
14. Margaret Luker-Gonzales: Stress Management In Nursing Students
15. Elizabeth Nobbs: Sibling Dynamics and Personality Development
16. Jenelle Parker: Reducing Chemotherapy Induced Nausea and Vomiting Using Acupuncture
17. Maria Prestileo: Nutrition: Breastfeeding vs. Formula Feeding
18. Katelyn Reed: Hypnotherapy and Bulimia Nervosa
19. Alyssa Rueger: Impact of Knowledge on Decision to Breastfeed
20. Kierstyn Schiavone: Effect of Birthing Positions and Outcomes of Perineal Trauma
21. Ashley Sims: Patient Centered Care through Bedside Report
22. Erika Wenner: Effects of Skin-to-Skin Contact in Newborns
23. Caitlin Yakas: Coping with Cancer

**9:30 – 10:30 am      Nursing Poster Presentations**  
**University Center Lobby**  
**Faculty: Prof. Marquis (NURS 332, Section D)**

1. Dana Adamson: Exercise with you and your baby
2. Salina Allebach: TAT Accuracy and Validity
3. Danielle Bernardin: Helping families with children diagnosed with cancer develop coping skills
4. Meghan Bernhardt: Medication Usage and Lifestyle Management in Patients with CHF
5. Anisa Bev: How Asthma Education Improves Quality of Life

6. Emily Caronia: Oral hygiene and Ventilator Associated Pneumonia
7. Isabel DiMartino: Death with Dignity
8. Lindsay Desmond: The Complex Prenatal Care of Women with a History of Sexual Abuse
9. Nicole Fuscarello: Delayed Umbilical Cord Clamping
10. Gabrielle Glacken: Implementing Formal Teaching Strategies for Asthmatic Children and Their Parents
11. Kelsey Gray: Nonpharmacologic vs. Pharmacologic Cancer Pain Management
12. Lindsay Holt: Alternative Therapies and Treatments for Eating Disorders
13. Kenisha Hood: Double Gloving vs Single Gloving in the OR
14. Jenna Jackson: The Effects of Low Dietary Sodium on Patients with Heart Failure
15. Devon Kay: The Use of De-escalation Techniques in Agitated Psych Patients
16. Kayla Koblensky: Falls Prevention in the Adult Acute Care Patient
17. Erin Little: Prevention of CLABSI's in the Inpatient Population
18. Regina Moran: Controlling Postoperative Pain in Total Knee Arthroplasty
19. Rachel Nowoswiat: Does Chewing Gum Help Prevent Postoperative Ileus?
20. Brittany Pizzutillo: Yoga and the Effects on Pregnancy
21. Sierra Savoy: Reducing Infant Illness With Exclusive Breastfeeding"
22. Kerri Truitt: After School Programs and Childhood Obesity
23. Jaclyn Wheeler: Oncology Pain Management: Morphine vs. Oxycodone

**9:30 – 10:30 am      Nursing Poster Presentations**  
**University Center Lobby**  
**Faculty: Prof. Klein-Kauffman (NURS 332, Section A)**

1. Jamie McKeen: Effects of Simulation and Clinical Experiences Among Nursing Students
2. Alexandra Coyne: Breastfeeding To Reduce the Risk of Childhood Obesity
3. Jenna Meister: Handwashing VS Hand Sanitizer
4. Angeline Oliver-Fairbanks: Music Therapy and Post-operative Pain



5. Michael Cotter: Therapeutic Music and Its Effects on Pre-operative Anxiety
6. Bridget Bonner: Effectiveness of the Buzzy in Pediatric Patients
7. Kaitlyn McDonough: Student Nurses Attitudes Toward Caring For the Dying Patient.
8. Bianca Chang: Skin-to-Skin Contact vs Conventional Care to Prevent Hypothermia In Preterm Neonates.
9. Nina Anderson-Napier: The Use of Distraction Techniques During Immunizations Among the Pediatric Population
10. Megan Treanor: Patient's Sleep in the Hospital Setting
11. Sarah Dewberry: Type II Diabetes and the Comparison of Diet and Exercise vs Insulin on HbA1c levels.
12. Rose Bellochio: How Breastfeeding Affects the Outcomes of the Newborn Compared to Other Feeding Methods.
13. Monique Napierala: Prevention of Ventilator-Associated Pneumonia in Critically Ill Patients in the ICU.
14. Joseph Fresta: Sexual Dysfunction in Patients with Cardiovascular Disease
15. Alex Cawley: Comparing the Safety of Forceps and Vacuum Extraction During Assisted Deliveries.
16. Rachel Breslin: Comparison Between Kangaroo Care and Standard Newborn Care: Is Kangaroo Care Better?
17. Shauna Penney: The Success of Comfort Measures in the Pediatric Setting.
18. Angelica Cannon: College Students With Sleep Deprivation Resulting From Stress Compared to Those Without Sleep Deprivation Are at Greater Risk for Depressive Symptoms During Their Four Years in College.
19. Bryn Callan: Addressing Stress Levels Among Families With Special Needs Children.
20. Angel Kuktelionis: Rate-Control Drug Effectiveness For Atrial Fibrillation Treatment.
21. Nicole McGarvey: The Effects of Co-Bedding Twins
22. Tiffany Park: Ventilator-Associated Pneumonia: Role of Positioning
23. Danielle Santon: Breastfeeding vs Formula Feeding And The Rate Of Infection In Infants
24. Toni Stradford : The Benefits of Water Births Compared to Traditional Births
25. Emily Wolk-Diagnosing Appendicitis: CT Scan vs Ultrasound

**10:30 – 11:30 am     Nursing Poster Presentations**  
**University Center Lobby**  
**Faculty: Dr. Hajj (NURS 332, Section E)**

1. William Hume: Exploring the MMR Vaccine and Autism Controversy
2. Lauren McKinley: Mothers' Role in Children's Vaccination
3. Angelica Baricko: Finding the Solution of Infertility in Polycystic Ovary Syndrome Women
4. Brianna Spencer: Preterm Infant's Transition from Gavage to Nipple Feeding
5. Carly Mease: Exploring the Effect of Being NPO versus Not Being NPO During Labor
6. Jenna Jones: Exploring the Evidence of Hand Washing with Soap and Water versus with Hand Sanitizer on the Risk of Infection
7. Sarah Grossman: Exploring the Evidence of Kangaroo Care on Growth in Low Birth Weight Infants
8. Kerryann Hanson: Exploring the Evidence of Increased Body Mass Index on the Risk of Diabetes During Early Childhood Years
9. Khoi Pham: The Effect of Epidural on the Health Status of Mothers During Delivery
10. Hannah Manzo: The Effect of Attending Antenatal classes on General Expectations Throughout the Entire Pregnancy Experience
11. Bridget Grissinger: Exploring the Evidence of Infant's Breastfeeding on the Risk of Obesity in Children Ages 6 to 12
12. Alexandra Holgerson: Exploring the Evidence of Skin to Skin Contact Compared to Separation After Breastfeeding on Physiological Adaptation and Behavior Within the First Hour After Birth
13. Mariah Youse: The Effect of Maintaining Good Mental Health on Mortality in Older Adult Men Who Lost Their Wives
14. Alexandria Yip: Nurses' Attitudes Toward Pressure Ulcer Prevention in Immobile Patients
15. Katelyn DeVecchis: The Effect of Timely Administration of Prophylactic Antibiotic Preoperatively on Surgical Site Infection Postoperatively
16. Ryan Volosin: The Effect of Alzheimer's Disease on Health Related Quality of Life
17. Elisa Rowe: Exploring the Evidence of Being Diagnosed with Alzheimer's Disease on Life Expectancy

18. Danielle Trofa: Therapeutic Horseback Riding and Social Functioning in Autistic Children
19. Krista Beardsley: The Effect of Eye Movement Desensitization and Reprocessing Therapy versus Standard Care on Outcomes in Soldiers with Post- traumatic Stress Disorder.
20. Anneliese Deussing: The Effect of Dieting Habits on the Risk of Getting Diagnosed with an Eating Disorder Among College Students
21. Jamie Hills: The Use of Non-pharmacological Measures on Children's Pain and Anxiety During Medical Procedures.
22. Marie Smarsh: Exploring the Evidence of Vaccine Administration on Contracting Preventable Diseases During Childhood.

**10:30 – 11:30 am     Nursing Poster Presentations**  
**University Center Lobby**  
**Faculty: Dr. May (NURS 332, Section C)**

1. Nicole Beers: Creating the Best Outcomes for Neonates Experiencing Drug Withdrawal.
2. Dominic Booth: The Role of Spirituality in Parental Decision Making.
3. Alyssa Buckley: Complex Regional Pain Syndrome Type 1: Drug Therapy vs. Paramedical Interventions
4. Lark Durham: The Impact of Pacifier Use on Speech Development
5. Honorio Freeland: The Potential Effects Concussions may have on Young Athletes
6. Dawn Hastings: How does Hematopoietic Stem Cell Gene Therapy Help Patients with X-Linked Adrenoleukodystrophy versus Standard Treatment?
7. Nick Jordon: The Effect of Music Therapy on PACU Patients
8. Charles Keener: The Effect of Improved Physical Education on Childhood Obesity
9. Brooke Latigona: Improved Quality of Life for Patients Utilizing Insulin Pump Technology.
10. Justin Lee: A Chance to Dance for Autism Spectrum Disorder
11. Kerrilyn Lehman: The Effectiveness of Scalp Cooling Therapy on Chemotherapy-Induced Alopecia
12. Christopher Marshall: The Effect of Improved Physical Education on Childhood Obesity
13. Ashwin Prasad: Appropriate Hand Hygiene Regarding Clostridium Difficile.
14. Monika Raj: How Does the Nurse to Patient Ratio Affect Patient Outcomes?

15. Colleen Riley: What is the Impact of Unrestricted Visiting Hours on Patient Outcomes?
16. Rachel Tejero: The Impact of Pet Therapy versus Standard Treatment for Children with Autism.
17. Sophia Washington: Improving Onset of Fever Reduction Using Acetaminophen or Ibuprofen.