The Eighth Annual
Graduate Scholars Forum
Wednesday, April 4, 2018

PROGRAM
Program At A Glance

8:00 AM-9:00 AM  Set up and Registration

9:00 AM-11:00 AM  Poster Display and Judging

9:00 AM-1:00 PM  Graduate/Undergraduate Student Art
  KCAC Lobby Atrium

9:00 AM-10:15 AM  Oral Presentation A-Sessions
  - A1 Room 5: Human Health and Behavior
  - A2 Room 6: Examining and Improving Diversity
  - A3 Room 7: Myth and Horror in Media
  - A4 Room 8: Contemporary Issues in Immigration
  - A5 Room 9: Substance Abuse and Disorders

10:30 AM-11:45 AM  Oral Presentation B-Sessions
  - B1 Room 5: Problems in the Criminal Justice System
  - B2 Room 6: Ecological Concerns
  - B3 Room 7: Teaching Administration
  - B4 Room 8: Institutional and Community Interactions

12:00 PM-1:00 PM  Luncheon, PNC Conference Room

1:00 PM  Graduate/Undergraduate Awards Ceremony &
  Inaugural Three-Minute Thesis Final Competition, Toretti Auditorium
Eighth Annual IUP Graduate Scholars Forum

Sponsored by

School of Graduate Studies and Research

Special Thanks to:

➢ Scholars Forum Planning Committee
➢ ARL Staff
➢ Forum Judges
➢ Session Moderators
➢ SGSR Staff and GA’s

Award Sponsors:

➢ IUP Research Institute
➢ IUP Libraries
➢ Graduate Student Assembly (GSA)
➢ Sigma Xi
➢ S-COAM Program
➢ Academic Deans
➢ Ecologically Conscious Organization (ECO)
➢ Aramark
➢ Co-op Store

GSA Peer Choice Award (Oral and Poster Presentations)

The Graduate Student Assembly (GSA) will offer awards based on voting via a mobile device for select participants with poster and oral presentations in the 2018 Graduate Scholars Forum.

GSA Peer Choice Award (Three Minute Thesis)

The Graduate Student Assembly (GSA) will offer an award based on voting via a mobile device for one participant in the final competition for the Three Minute Thesis event during the Awards Ceremony.
ART EXHIBITION
9:00 AM – 1:00 PM
KCAC Lobby Atrium

This exhibition features artworks created by a select group of graduate and undergraduate Art majors. The artworks were juried by faculty members and represent the breadth of studio research conducted during the 2017/2018 academic year.

149 Tyler Gaston
150 Stephanie Martin
151 Katie Ott
152 Lauren Scavo
153 Sheila Swartz
154 Erin Tiedeman
155 Madelyn Barranti
156 Cody Bloom
157 Julia Cornell
158 Nicholas DeLone
159 Michael Hull
160 Heather Kaiser
161 Cicely Murray
162 Michael Pellow
163 Samuel Tyson

ORAL PRESENTATIONS

SESSION A1
9:00am - 10:15am
ROOM 5
Human Health and Behavior

66 Lauren Wishnie (Biology) Effect of hyperglycemia on circadian rhythms in erythrocyte peroxiredoxins peroxiredoxins Mentor: Dr. Megan Knoch

67 Adam Naugle (Kinesiology, Health, and Sport Science) Assessing the Relationship Between Low Back Pain and Various Health and Performance Measures in College Aged Individuals Mentor: Dr. Kristi Storti

68 Amy Fiorentini (Kinesiology, Health, and Sport Science) An Examination of Physiological Responses during Simulated Occupational Stress of EMT Students in a Hyperthermic Condition Mentor: Dr. Hayden Gerhart
SESSION A2
9:00am - 10:15am
ROOM 6
Examining and Improving Diversity

69 Robert Matchett (Sociology) Disability Inclusion Workshops: Steps to Creating an Inclusive Community Mentor: Dr. Diane Shinberg

70 Wenxi Schwab (Professional Studies in Education) Understanding Women Doctoral Students’ Learning Experiences When Transitioning into Motherhood Mentor: Dr. Kelli Paquette

71 Veta Talton (Professional Studies in Education) Reimagining Diverse Leadership: A Curriculum Revision Workshop Mentor: Dr. Shirley Johnson

SESSION A3
9:00am - 10:15am
ROOM 7
Myth and Horror in Media

72 Carl Sell (English) Deep Time and the Mythological Imagination: Tennyson's Idylls of the King and 19th Century Geology Mentor: Dr. Michael Williamson

73 Olivia Maderer (English) Mythical History and Deep Time: How Tolkien’s "The Lord of the Rings" Fulfills Tennyson’s "Idylls of the King" Mentor: Dr. Michael Williamson

74 Jordan Gorsuch (English) How Perspective Subverts Story Tropes, Themes, & Struggles: An Examination of Get Out and Lady Bird Mentor: Dr. Michael Williamson

SESSION A4
9:00am - 10:15am
ROOM 8
Contemporary Issues in Immigration

75 Diana Forry (English) Tyranny: The Holocaust and DACA Mentor: Dr. Michael Williamson

76 Lama Alharbi (English) Measuring Empathy: The Impact of Refugees' Poetic Testimonies on Readers’ Perceptions of Syrian Refugees Mentor: Dr. Gloria Park

77 Yue Zhang (Sociology) Peer Social Capital and Assimilation Patterns of Second-Generation Immigrants Mentor: Dr. Daniel Heckert
SESSION A5
9:00am - 10:15am
ROOM 9
Substance Abuse and Disorders

78 Joshua Hayes (Counseling) Group Therapy for Veterans with PTSD  
Mentor: Dr. Stacia Carone

79 Crystal Billings (Sociology) An Analysis of Pro-Eating Disorder Websites  
Mentor: Dr. Melissa Swauger

80 Nathan Kuis and Chunhyeon Seo (Criminology and Criminal Justice)  
Application of Social Learning Theory to Substance Use: A Meta-Analysis  
Mentor: Dr. Bit Na Kim

SESSION B1
10:30am-11:45am
ROOM 5
Problems in the Criminal Justice System

81 Chelsea Clark (Sociology) Exploring Helping Professionals' Perceptions of Male  
Victimization in Prison Settings  
Mentor: Dr. Dana Witham

82 Hyeonna Bak and Joshua Garcia (Criminology and Criminal Justice) Curriculum  
implications of prison rape myths among Criminology and Criminal Justice Major  
Mentor: Dr. Bit Na Kim

83 Kassandra Scioli (Psychology) Looking good: An examination of how the valence  
of news photographs affects jurors  
Mentor: Dr. Jennifer Perillo

SESSION B2
10:30am-11:45am
ROOM 6
Ecological Concerns

84 Kathryn Coates (Biology) Plethodon hoffmani: Ecology and Genetic Analysis of  
Indiana County Populations  
Mentor: Dr. Josiah Townsend

85 Cassie Graham (Biology) Stages of macroinvertebrate recovery after abandoned  
coal mine remediation in a Pennsylvania watershed  
Mentor: Dr. David Janetski

86 Chelsea Buell, Morgan Eytcheson, Joseph Duch, and Jeffrey Larkin (Biology)  
Allegheny woodrat (Neotoma magister) food preference: A comparison of  
American chestnut hybrids and native oak nuts.  
Mentor: Dr. Michael Tyree

87 Benjamin Gressler (Biology) Developing a Movement Pathway Prediction Model  
for Fisher (Pekania pennanti) using Circuitscape  
Mentor: Dr. Joseph Duchamp
SESSION B3
10:30am-11:45am
ROOM 7
Teaching Administration

88 Rachel Schiera (Professional Studies in Education) Phase One Results: Student and Teacher Perceptions of One-to-One Laptop Initiative Effects on 21st Century Skill Sets Mentor: Dr. Sue Rieg

89 Charles Horsley (Kinesiology, Health, and Sport Science) Social Media Branding Practices Utilized by Division II Universities in Pennsylvania Mentor: Dr. Robert Alman

90 Ashley Kaminski (Kinesiology, Health, and Sport Science) The Study of Participation Awards in Youth Sport Mentor: Dr. Richard Hsiao

SESSION B4
10:30am-11:45am
ROOM 8
Institutional and Community Interactions

91 Daniel Dieter (Communications Media) Capabilities Knowledge and Public Perception of Robot AI Mentor: Dr. Steven Kleinman

92 Olivia Woerle (English) “The Luck of Roaring Camp”: A Contextual Case Study of How Morality was Presented to 19th Century Newspaper Readers Mentor: Dr. Todd Thompson

93 Reema Sammour (Marketing) Handling Accounts Receivables: A Marketing Point of View Mentor: Dr. Varinder Sharma

94 Tewero Tchekpassi (English) Diversity in Composition Studies at the Age of the Distributed Agency Mentor: Dr. Curtis Porter
POSTERS/STATIC DISPLAYS
9:00am – 11:00pm

Arena Floor


2. Mohammed AlMuhanna (Biology) The Disruption of the Phototransduction Process in the Planarian Schmidtea mediterranea and Its Effect on Phototaxis Mentor: Dr. Robert Hinrichsen

3. Jason Nepa and Miranda Harbridge (Food and Nutrition) The Relationship between Nutrition Knowledge, Reported Vitamin D Intake, and Sports Injuries in Collegiate Athletes Mentor: Dr. Stephanie Taylor-Davis

4. Omar Yacoub (English) Similarities in the Type of Food served in Tow Religious and Cultural Holidays Mentor: Dr. Lilia Savova

5. Selye Lee (Criminology and Criminal Justice) Attitudes Toward the Police: The Impact of Law Enforcement Simulations ("Shoot, Don't Shoot") and Education On College Students Mentor: Dr. John Lewis

6. Shuzhen Zhang (English) Translating the Modality in English Flight Manuals into Chinese Mentor: Dr. Lilia Savova

7. Andrew Malhotra (Geography and Regional Planning) Sanborn Maps of Indiana: Reconstructing the Urban Geography of Indiana, PA Mentor: Dr. John Benhart

8. Zaakiyah Cua (Anthropology) Misery Bay Ice Survey Preliminary Results: a Case Study for Testing Geophysical Methods and Collaboration with Stakeholders Mentor: Dr. William Chadwick

9. Kristina Gaugler and Molly Sarver (Geography and Regional Planning) Spatial Database Development for Confluence Park Master Plan Mentor: Dr. John Benhart

10. Chelsie Carter (English) Comprehensive Sexual Education: An Exploration of Curriculum and Implementation Mentor: Dr. Michael Williamson

11. Summer Reitter (Educational and School Psychology) The PfCRI: A Window into the Parent-Child Relationship Mentor: Dr. Lynanne Black

12. Jaeyong Choi (Criminology and Criminal Justice) Procedural Justice, cynicism toward prison administration, and inmate misconduct: A test for mediation effects Mentor: Dr. Brandon Dulisse

13. Suzanne Craig and Emily Sterner (Biology) characterizing a role for the timeless circadian rhythm gene in planarian regeneration Mentor: Dr. Robert Major
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<th>Title</th>
<th>Mentor:</th>
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<td>Patricia Hockensmith (Nursing and Allied Health Professions) The Student Nurse Sense of Belongingness during Clinical Placement</td>
<td>Dr. Teresa Shellenbarger</td>
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<td>Sofia Salinas (Communication Disorders, Special Education and Disability Services) Music Education and Students with Disabilities: How Music Impacts Student Achievement In and Out of the Classroom</td>
<td>Dr. Mariha Shields</td>
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<td>Matthew Bjorkman and Esbeiry Cordova-Ortiz (Anthropology) Indiana County FEMA Data-based Flood Hazard Analysis</td>
<td>Dr. John Benhart</td>
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<td>Jun Akiyoshi (English) Short Autobiographical Teacher Narratives: My Two Language Teacher Identities as an ESL Teacher and as a JFL Teacher</td>
<td>Dr. Gloria Park</td>
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<td>Emily Schmeck and Nicole Geonnotti (Food and Nutrition) EVALUATION OF VEGETABLE INTAKE FOR 3-5 YEAR OLDS FROM LOW INCOME FAMILIES</td>
<td>Dr. Stephanie Taylor-Davis</td>
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<td>Raneem Bayazeed (English) The comparison of Speech acts: The American and Saudi Arabic responses to compliments</td>
<td>Dr. Lilia Savova</td>
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<td>20</td>
<td>Manaswita Choudhary (Management) A Canadian University Trump Bump? Changes in Google Search Activity in India for Canadian and U.S. Universities</td>
<td>Dr. David Yerger</td>
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<td>21</td>
<td>Sujata Mukherjee (Biology) Identifying tbx20 as a Pattern Regulator During Planarian Regeneration</td>
<td>Dr. Robert Major</td>
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<td>Jaeyong Choi (Criminology and Criminal Justice) Investigating the “code of the prison” on inmate misconduct among South Korean inmates</td>
<td>Dr. Glen Ishoy</td>
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<td>Katelyn Denton (Sociology) OCD and Social Media</td>
<td>Dr. Melissa Swauger</td>
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<td>Tejas Mahadevan Padmanabhan (Biology) Testing the R1 peptide on kidney development in zebrafish</td>
<td>Dr. Cuong Diep</td>
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<td>25</td>
<td>Mesfer Alqahtani (Anthropology) Geospatial investigation of circular stone structures in Northern Saudi Arabia</td>
<td>Dr. William Chadwick</td>
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<td>26</td>
<td>Adam Lee (English) A Cultural Comparison of Formally and Informally Trained Guitar Players in Live Music in the California Bay Area</td>
<td>Dr. Lilia Savova</td>
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<td>Mariah Pampeno (Sociology) White Supremacist Parents</td>
<td>Dr. Melissa Swauger</td>
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<td>28</td>
<td>Genevieve Everett (Anthropology) Taking It Way Back: A Statistical Analysis of Two Paleoindian Period Sites In New Hampshire</td>
<td>Dr. Lara Homsey-Messer</td>
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29 Yahya Rudayni (Adult and Community Education) The History of Arabic Coffee
   Mentor: Dr. Lilia Savova

30 Andrea Kirby (English) Exploring traditional wedding customs in Japan and India
   Mentor: Dr. Lilia Savova

31 Britney Elsbury-Orris (Anthropology) A Faunal Analysis of the Kirshner Site
   (36WM213) Mentor: Dr. Lara Homsey-Messer

32 Havva Zorluel Ozer (English) Lullabies as the Oral Transmitters of Culture: A
   Content Analysis Mentor: Dr. Lilia Savova

33 Abby Wallace and Catherine Burns (Communication Disorders, Special Education
   and Disability Services) Myth or Fact: TouchPoint (BLAST) Mentor: Dr. Lisa Price

34 Alex MacCarelli (Sociology) Coping of LGBT Individuals: The Relationship
   between Religious Coping, Sexual Identity Acceptance and Social Activity
   Mentor: Dr. Michelle Sandhoff

35 Shannon Dusack and Lauren Sucerchall (Nursing and Allied Health Professions)
   A Clinical Instructor as a Servant Leader: A Case Study Approach Mentor: Dr.
   Teresa Shellenbarger

36 Kiyomi Masamune (English) The comparison of educational culture, the USA and
   Japan Mentor: Dr. Lilia Savova

37 Lauren Prasko (Biology) Relationships between Relative Abundance of Young of
   the Year Brook Trout and Interannual Climate Variation in Pennsylvania Mentor: Dr.
   David Janetski

38 Roseanne Anderson (Nursing and Allied Health Professions) Increasing Nursing
   Student's Confidence Levels in Nursing Education Mentor: Dr. Teresa
   Shellenbarger

39 Samantha Taylor (Anthropology) Looking Through Dirty Dishes: A Comparative
   Analysis of Ceramics at the John and Rosie Allen Residence, Pandenarium,
   Mercer County, Pennsylvania. Mentor: Dr. Benjamin Ford

40 Diana Forry (English) Traditional Healing Practices in Native American and
   British Cultures Mentor: Dr. Lilia Savova

41 Carissa Smith (Kinesiology, Health, and Sport Science) Motivations for
   Underreporting Concussions at the Division II Collegiate Level Mentor: Dr.
   Richard Hsiao

42 Alyssa Mrozek and Emily Matthews (Food and Nutrition) Evolution Of The
   Dietetic Scope Of Practice: Perceptions Of Acute Care Clinical Dietitians Mentor:
   Dr. Stephanie Taylor-Davis
43 Matthew Bjorkman (Anthropology) Using LiDAR to Analyze Landscape Evolution: A Case Study of the Squirrel Hill Site (36WM0035) Mentor: Dr. Lara Homsey-Messer

44 Peter Malich and John Risinger (Geography and Regional Planning) Geovizualization of Indiana University of Pennsylvania Campus with Esri CityEngine Mentor: Dr. John Benhart

45 Dana Elmquist (Educational and School Psychology) #Beyond13Reasons: Talking with Adolescents about Social Media and Mental Health Mentor: Dr. Courtney McLaughlin

46 Ahana Byne (Biology) Double stranded RNA (dsRNA) Characterization and Protein Profiling of Viral Infected and Non-infected Rhizoctonia solani isolates Mentor: Dr. Bharathan Narayanaswamy

47 Nicholle Williams (Sociology) Teachers’ and Counselors Perceptions of Parental Substance Abuse and the Affects on Children Mentor: Dr. Melissa Swauger

48 Victoria Hauth and Christopher Metzger (Psychology) Adverse Childhood Experiences and Negative Emotionality in Adult Sex Offenders: Bridging the Gap from Childhood to Adulthood Mentor: Dr. Anthony Perillo

49 Emily Welch and Colin Kytchak (Biology) An assessment of the blacklegged tick (Ixodes scapularis) population and habitat in the Indiana University of Pennsylvania South Woods area Mentor: Dr. Thomas Simmons

50 Fatimah Alhassan and Hanan Al-Shammari (Nursing and Allied Health Professions) The Effect of Using Safe Designed Needles on Needle Stick Injury Mentor: Dr. Nashat Zuraikat

51 Heather Maclsaac (Anthropology) Determining Village Growth and Occupation at the Squirrel Hill Site (36WM35) Mentor: Dr. Lara Homsey-Messer

52 Rachel Appleman and Jessica Glover (Food and Nutrition) The Relationship between Familial Medical History and Food Choice among College Students Mentor: Dr. Stephanie Taylor-Davis

53 Megan Disher and Maggie McChesney (Communication Disorders, Special Education and Disability Services) Are Fidget Spinners the Miracle You’ve Been Looking For? Mentor: Dr. Lisa Price

54 Jawad Golzar (English) Teacher Candidates' Cultural Identity Manifestations in MA TESOL Program Mentor: Dr. Lilia Savova

55 Maisa Khoj (Biology) Analysis of Cloned Viral Double-Stranded (ds) RNA from Selected Isolates of Rhizoctonia solani belonging to Anastomosis Group (AG)-4 Mentor: Dr. Bharathan Narayanaswamy
56  Chelsie Carter (English) LGBT-Inclusive Pedagogies  *Mentor: Dr. Michael Williamson*

57  Kirsten Piatak (Criminology and Criminal Justice) Friend or Foe: Sorority Affiliation and Sexual Victimization  *Mentor: Dr. Sadie Mummert*

58  Sean Helman (English) Future Thinking: Examining Sexuality & Young Adult Dystopia  *Mentor: Dr. Emily Wender*

59  Daniel Dudek (Biology) Resolving the Taxonomy of Pacific Coast Leopard Frogs  *Mentor: Dr. Josiah Townsend*

60  William Patrick and Adam Miller (Food and Nutrition) Long-Term Health Care Professionals' Perceptions of Best Practices and Barriers to Caring for Residents with Alzheimer's Disease  *Mentor: Dr. Stephanie Taylor-Davis*

61  Gina Munir (Biology) Siamang Gibbons (Symphalangus syndactylus) Are Cognitively Capable  *Mentor: Dr. Paul Nealen*

62  Megan Koehle and Caitlin Rogers (Food and Nutrition) Examining Underdiagnosis of Malnutrition in Acute-Care: A Survey of Dietitians  *Mentor: Dr. Stephanie Taylor-Davis*

63  Faisal Alshibl (English) Social Identity Roles in Drawing Saudi and American Wedding Image  *Mentor: Dr. Lilia Savova*

64  Brianna Colbert (Kinesiology, Health, and Sport Science) Coaches Effect on Adolescent Athlete's Motivation  *Mentor: Dr. Richard Hsiao*

65  Roaa ALnajjar (Biology) Characterization of Double-stranded (ds) RNA from the plant pathogenic fungus Rhizoctonia solani.  *Mentor: Dr. Bharathan Narayanaswamy*