Welcome to the 2019 Florida Undergraduate Research Conference (FURC) at the University of North Florida! UNF and especially the Office of Undergraduate Research, are excited to welcome you to our eco-friendly campus, surrounded by a nature preserve, beautiful lakes, and nature trails.

This year, over 380 posters will be presented to more than 600 participants from across the state of Florida. During the conference, you will have the opportunity to attend poster sessions, network with graduate school recruiters, and attend professional development workshop sessions.

Thank you to everyone who made this possible and I hope you enjoy FURC 2019!

- Kelsey Eagen
Conference Coordinator
## Conference Schedule

### Friday, February 22

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>5 - 8 p.m.</td>
<td>Registration and Reception</td>
<td>Boathouse and Osprey Plaza</td>
</tr>
<tr>
<td>7 - 7:45 p.m.</td>
<td>Keynote Speaker: Dr. John Kantner</td>
<td>John Delaney Student</td>
</tr>
</tbody>
</table>

### Saturday, February 23

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>7:30 - 8:30 a.m.</td>
<td>Check-in and Breakfast</td>
<td>Fieldhouse</td>
</tr>
<tr>
<td>8:30 - 9:30 a.m.</td>
<td>Poster Session I</td>
<td>Fieldhouse</td>
</tr>
<tr>
<td>9:45 - 10:30 a.m.</td>
<td>Workshop Session I</td>
<td>John Delaney Student Union West 3rd floor</td>
</tr>
<tr>
<td>10:45 - 11:45 a.m.</td>
<td>Poster Session II</td>
<td>Fieldhouse</td>
</tr>
<tr>
<td>Noon - 1:30 p.m.</td>
<td>Lunch</td>
<td>John Delaney Student Union Osprey Cafe</td>
</tr>
<tr>
<td>1:45 - 2:45 p.m.</td>
<td>Poster Session III</td>
<td>Fieldhouse</td>
</tr>
<tr>
<td>3 - 3:45 p.m.</td>
<td>Workshop II</td>
<td>John Delaney Student Union West 3rd floor</td>
</tr>
<tr>
<td>4 - 5:00 p.m.</td>
<td>Poster Session IV</td>
<td>Fieldhouse</td>
</tr>
</tbody>
</table>

*A campus map is located in the back of the program.*
John Kantner, Ph.D., was appointed Associate Vice President for Research and Dean of the Graduate School of the University of North Florida in 2014. Prior to that, he was Vice President for Academic & Institutional Advancement at the School for Advanced Research in Santa Fe, NM, an independent “think tank” for the social sciences and humanities. From 1999 to 2006, Dr. Kantner was a faculty member in the Department of Anthropology & Geography at Georgia State University in Atlanta, where he achieved the rank of associate professor with tenure prior to his departure.

Dr. Kantner is an anthropological archaeologist with a broad background in several disciplines. He received his doctorate from the University of California–Santa Barbara, where he studied archaeology, anthropology, geography, geochemistry, behavioral economics, and evolutionary theory. His research has focused on ancient peoples of the U.S. Southwest, but he also has collaborated on archaeological investigations in Central America, South America, the U.S. Plains, U.S. Southeast, and the U.S. Rocky Mountains, on projects ranging from explaining political violence in ancient societies to modeling human movement across digital landscapes and extracting human fingerprints from 1,000-year-old pottery. Dr. Kantner has been recognized with numerous grants and awards, including one of the only five NSF CAREER grants ever awarded to an archaeologist, a Presidential Recognition Award by the Society for American Archaeology, and the top award in an international multimedia competition sponsored by Apple Computer. He has been invited to lecture and appear in documentaries globally, including on the Discovery, History, Smithsonian, and Travel Channels.
RESEARCHING GRADUATE PROGRAMS
Lee Gordon, Perdue University
3703A
This workshop will educate how participants can effectively research available programs, learn about free travel to national graduate school recruiting fairs, hear what matters most to others searching for graduate programs, and to locate data points that matter most to them in finding the perfect fit. Participants will also learn about application fee waivers, contacting faculty about funding, and how all of this comes into play in making a decision of where to apply for an advanced degree.

PLAYING TO YOUR STRENGTHS: KNOW ALL OF YOUR OPTIONS WHEN APPLYING TO GRADUATE SCHOOL
Katelyn Haschke, Fort Hays State University
3703B
This session is intended for all undergraduate students planning to apply to graduate school. The process of applying is both an exciting and stressful time; the purpose of this interactive workshop is to discuss how to highlight strengths as a student, researcher, and young professional when applying to various graduate programs. Two main topics will be discussed. First, building a strong application by: crafting an effective personal statement, knowing who to request a letter of recommendation from, and organizing your curriculum vitae to stand out among peers. Second, the importance of considering programs outside of your Bachelor’s degree field as a way to broaden interdisciplinary expertise and set yourself up for success as you plan for a future job past graduate school. Time will be reserved for questions from attendees.

WHAT STEM STUDENTS NEED TO KNOW ABOUT INTELLECTUAL PROPERTY
Christopher Turoski, University of Minnesota
3703C
From this session you will learn how IP and patents can support your career as a business person, academic, or another alternative career path. A STEM degree prepares you for many career roles in business and academia. In business, IP issues help distinguish you from your peers, and help contribute to the bottom line. In academia, you get ahead by navigating a complex scheme of grants, publications, and teamwork, which can undercut or complement obtaining IP for your work. In addition to careers in business and academics, you may be interested in an alternative career path such a patent lawyer or patent agent. This session will cover these topics (i.e. IP/patents as a business, research and career tool).

TIPS, TRICKS AND ADVICE ON APPLYING TO GRADUATE SCHOOL
Liani Ramos, New York University
3703D
My presentation covers all the common questions and concerns that students have regarding applying to graduate school but it’s also packed with tips, tricks and advice directly from an admissions officer from NYU. It will go over an ideal timeline, best practices, tips and insider information about admissions at the graduate level, what types of things faculty look for, finding funding and much more.
YOUR PATH TO GRADUATE SCHOOL & CAREER SUCCESS STARTS TODAY
Betsy Crawford, Florida State University
3804
As an undergraduate student involved in research, you are already a strong candidate for competitive graduate school programs. Learn how earning a graduate degree can support career success and the steps to take now to boost your application. The workshop includes an overview of resources available to create an outstanding application and a preparation timeline that will keep you ahead of the game.

APPROACHING GRADUATE RESEARCH: ARCHIVAL RESEARCH, DATABASES, AND DIGITAL HUMANITIES TECHNIQUES
Louise Kane, University of Central Florida
3805
This workshop offers a practical, 'hands on' guide for undergraduate researchers who want to understand more about how to conduct archival research, and how database searching and digital humanities techniques can make this task easier. Designed to prepare undergraduate students for the types of research they'll be undertaking at graduate school, the workshop offers a foundation for learning the major ways to begin archival research. This includes how to search for 'hard to find' texts using online databases and archives, learning how to use 'finding aids', and also learning how Digital Humanities techniques can help students to 'map out' and visualize their research as it begins to progress. The course is designed for beginners: you do not need any experience of searching databases, or conducting archival research, and you also don’t need any prior familiarity with Digital Humanities.

BUILDING ACADEMIC RELATIONSHIPS
Lindsey Weglarz, University of Central Florida
3806
Academic relationships play a very important role in not only the graduate admissions process, but also a student's future career path. A great relationship with a faculty mentor can provide opportunities for years beyond college, whether through research experiences, introductions to colleagues, or even just by providing good advice. In the graduate admissions process, recommendation letters from current faculty mentors can play a determining role in whether a student is admitted, while relationships cultivated in the prospective program can also increase the chances of admission. This workshop provides strategies for building relationships with current faculty and networking with faculty at other institutions, and as well as discussing best practices for communicating with faculty during the graduate admissions process.
HOW TO: COPE WITH FEEDBACK ON YOUR RESEARCH
Aubrey Kuperman, University of Central Florida
3601
Have you ever gotten a draft back and felt defeated by all of the notes or comments? Or been unsure of how to improve? Join this session to learn more about what can make feedback so hard and pick up concrete strategies to improve your ability to process it and improve your work.

MAKING THE MOST OF COURSE PROJECTS
Matthew Eicholtz, Florida Southern College
3602
For many students, course projects elicit negative feelings of fear, reluctance, and uncertainty. What if I get stuck with peers who are difficult to work with? How will I choose a good idea to pursue? Will I receive a poor grade if my idea does not work as expected? How can I do well if the grading criteria seems so vague? Will this even matter for my career if I am only a freshman or sophomore? Perhaps other students view the ambiguity of projects as a chance to settle for the minimum amount of effort required or to rely on other group members to do the brunt of the work. In this workshop, we will explore how course projects can be a critical part of your academic growth and offer tips and tricks for maximizing their value for your future career. Course projects are a great opportunity to investigate a topic of personal interest or gain traction in a field that students wish to pursue long-term. Projects also allow students to demonstrate relevant skills for conducting research; indeed, successful projects may launch research opportunities with the professor teaching the class. We will discuss ways to leverage course projects for your career search such as highlighting them on your resume or talking about difficult challenges in an interview. Finally, instructors may benefit from reflecting on how to effectively integrate projects in their courses to prepare students for success in research and beyond.
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HOW TO: GET A GREAT LETTER OF RECOMMENDATION
Aubrey Kuperman, University of Central Florida
3804

Letters of recommendation are a requirement for graduate school and professional schools, scholarships, internships, summer research experience, and sometimes the job search. Learn more about when and how to ask for letters of recommendation, and how to follow up with those who write them for you.

SUMMER OFF-CAMPUS RESEARCH EXPERIENCES
Kimberly Schneider, PhD, University of Central Florida
3805

Summer is a great time to participate in research and there are numerous programs available to students away from their home institution. Summer programs are available at numerous universities and research institutions. Opportunities are available nationally and internationally and many provide a stipend, travel costs, housing, and/or board. Applications open in late fall and deadlines occur from early December through the end of March. Opportunities exist for all majors but more are available for students in the science and engineering areas. Fall and spring semester opportunities also exist. This workshop will provide an overview of these opportunities, information on how to create a strong application, and resources to help students through the process.

A DEBRIEFING OF THE FIRST ANNUAL FLORIDA UNDERGRADUATE RESEARCH LEADERSHIP SUMMIT
Sophia Anagnostis, Stephanie Ciricillo, Katherine Ngo, University of Florida
3806

On January 23-24, over 40 student undergraduate research (UR) leaders from 16 Florida institutions met to share best practices, and to discuss ways to enhance the undergraduate research experience across the state. Established UR student groups provided guidance to others interested in forming/refining a group on their campus. The Summit included workshops on setting up a student-run Center for UR, Peer Mentorship, student developed campus UR activities, and marketing UR. In addition, round table discussions provided a venue for all participants to discuss topics pertinent to their campuses. This workshop will presents highlights and recommendations that were developed during this summit. We invite all undergraduate research student leaders to attend. Plans to continue this state-wide student-led conference will also be discussed.

FUNDING YOUR GRADUATE EDUCATION
Albert Hoyt, Florida International University
3601

More than 2.25 million people apply to graduate programs in the United States every year and many of these applicants are looking for ways to fund their degree. From assistantships to fellowships, learn the basics of funding your graduate education. Don’t pay for your graduate degree on your own!
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Lee Gordon, Perdue University
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1. **Optimization of Ultrahigh Pressure Extraction Method Using Statistical Analytical Techniques**  
   Sonali Pandey, Siddharth Kesharwani, Omer Farooq  
   Embry Riddle Aeronautical University

2. **Investigating the Effects of Acute Immersion Exposure to the Antidepressant Venlafaxine on Phototaxis in Larval Danio Rerio**  
   Abdullah Afridi, Christopher Souders, Christopher Martyniuk  
   University of Florida

3. **Food Fighters - A Food Recovery Program to Fight Hunger**  
   Lauri Wright, Alice Sanchez  
   University of North Florida

4. **Waking Up From the American Dream: Examining Attitudes Toward Economic Mobility Among American Voters**  
   Alexander Adams, Douglas Ahler  
   Florida State University

5. **The Localization of Ninein and Formation of Non-Centrosomal MTOCs by ZIKV**  
   Aquesha Addison, Timothy Megraw  
   Florida State University

6. **There Is Something in the Water! Contribution of Chlorination By-Products in the Water Leading to the Head and Neck Cancer Prevalence in Tampa Bay**  
   Kimberly Dobrinski, Michele Crosby, Matthew Mifsud, Aaron Joseph, Siara Isabella  
   The University of Tampa

7. **Understanding the Relationship Between Goal Strivings, Feedback Environment, and Feedback Orientation**  
   Alara Arpaci, Kelly Hall  
   Stetson University

8. **African Spiny Mouse (Acomys) Regeneration Following Acute, Chronic, and Volumetric Muscle Loss Injuries**  
   Aaron Gabriel W. Sandoval, Jason O. Brant, Malcolm Maden  
   University of Florida

9. **Aortic Valve Leaflet Curvature as a Function of Elastin Degradation**  
   Amanda Barreto, Asad Mirza, Ahmed Ali, Sharan Ramaswamy  
   Florida International University

10. **Resveratrol and Its Analogs Inhibit Triple-Negative Breast Cancer Motility by Regulation of Epithelial-Mesenchymal Transition**  
    Megan Keller, Analiese Thomas-Larocque, Rachel Ranschau  
    Florida Gulf Coast University

11. **Loyalty to the King: The Circuits' Interpretation of the Overhauled Police-Created Exigency Doctrine**  
    Alexander Cuneo  
    Florida International University

12. **How Facebook Usage Affects Mental Health of College Students: Rumination Group Results**  
    Adam Barrett-Clarke, Hannah Buzbee, Gina Marie Weis, Michael Stasio, Erin Koterba, Erica Yuen  
    The University of Tampa

13. **Adherence to WCRF/AICR Cancer Prevention Recommendations and Its Impact on Cancer Incidence, Recurrence, and Mortality**  
    Angelina Figueroa, Nadia Durham, Eunkyung Lee  
    University of Central Florida
14. IT TAKES A VILLAGE TO RAISE WATER QUALITY: THE EFFECTS OF SELF-TAXATION MECHANISMS ON LAKE WATER QUALITY IN ORANGE COUNTY, FL
Andrew Hutchens, David Scroggin
University of Central Florida

15. COLLABORATIVE BIM: AN INNOVATIVE FRAMEWORK FOR LEARNING ARCHITECTURAL STRUCTURES
Aldrin James Gaffud, Nawari Nawari
University of Florida

16. THE RELATIONSHIP BETWEEN A FAMILY’S ECONOMIC STATUS AND THEIR CHILD’S ACADEMIC ACHIEVEMENT
Amanda Prozeralik, Jaylene Sosa, Skyler Pittman, Leigh Treadway, Sara Luepschen
Florida State University

17. SYNTHESIS AND COMPUTATIONAL STUDIES OF PEPTIDOMIMETICS AS POTENTIAL ANTICANCER AGENTS
Aaron J. Todman, Reed W. Roberts, Lucas S. Kline, Ralph N. Salvatore
Southeastern University

18. VIABILITY LOSS DURING THERMOINHIBITION STRESS IN DIFFERENT MASS RUDBECKIA MOLLIS (ASTERACEAE) SEEDS
Alec Chin-Quee, Nicholas Genna, Hector Perez
University of Florida

19. POLITICAL DIVIDE AND ITS INFLUENCE ON CIVIC ENGAGEMENT
Anthony Vultaggio, Alejandra Rodriguez
Florida Atlantic University

20. REDUCTION OF VOLUMETRIC SHRINKAGE IN STRUCTURES FABRICATED WITH MULTIPHOTON LITHOGRAPHY
Alexander Cockerham, Stephen Kuebler
University of Central Florida

21. EPISTEMIC INJUSTICE AND CREDIBILITY DEFICIT OF WOMEN IN MEDICINE
Destani Pennington
University of North Florida

22. COMPARATIVE ANALYSIS AND IDENTIFICATION OF CLASS 1 CRISPR-CAS GENES OF RECREATIONAL WATER STAPHYLOCOCCUS AUREUS
Brandon Lopez-Duenas, Rajesh Melaram
Eastern Florida State College

23. SUSCEPTIBILITY OF GL26 AND GL261 CELLS TO INFECTION BY THEILER, MURINE ENCEPHALOMYELITIS VIRUS
Devon Grey, Eric C. Freundt
The University of Tampa

24. THE STUDY OF SUPER FOODS FOR MARS EXPLORATION
Deanna DeMattio, Rafael Rodriguez, Hannah Skeen
Embry Riddle Aeronautical University

25. EFFECTS OF SOCIAL AND ACADEMIC ENGAGEMENT ON EPISODIC MEMORY IN YOUNG ADULTS
Kassandra Ramsdell, Sara Festini
The University of Tampa

26. BEYOND STEREOTYPES AND TYPECASTING; AN EXAMINATION OF TV REPRESENTATIONS OF AFRICAN AMERICAN FAMILY LIFE
Monique M. Satterfield
Bethune-Cookman University

27. SMOKING CESSATION FOR PREGNANT WOMEN: A REVIEW OF BEST PRACTICES
Allison Barthel, Mary Martinasek
The University of Tampa

28. THE EFFECT OF ANTENATAL LACTATION EDUCATION FOR MOTHERS DELIVERING PREMATURE INFANTS AND THEIR SUPPORT PERSON ON TIME TO SECRETORY ACTIVATION
Darchelle Excellent, Leslie Parker
University of Florida

29. FAT AND SODIUM CONTENT OF THE DIET INFLUENCE GLUCOSE METABOLISM, FOOD INTAKE AND BODY WEIGHT IN MALE WISTAR RATS
Tatyana Kimble, Alireza Jahan-Mihan
University of North Florida
30. SUCCESS IN LEARNING DISABLED STUDENTS
Emily Abramson
Beacon College

31. GROWTH AND SURVIVAL RATE OF THE SEA SLUG
ELYSIA SUBORNATA FEEDING ON VARIOUS SPECIES OF CAULERPA
Sara Casareto, Michael Middlebrooks
The University of Tampa

32. UNDERSTANDING FISHING PRACTICES IN CABEZA DEL TORRO, DOMINICAN REPUBLIC
Jahza Klochko, Jeanette Misuraca, Gabriela Villalobos, Julia Walton
University of Florida

33. A NOVEL DEVELOPMENTAL MECHANISM PATTERNS LEGS IN TARDIGRADES
Mandy Cumming, Frank W. Smith
University of North Florida

34. EFFORTS TOWARD THE SYNTHESIS OF 3,4-DIHYDROXYPHENYLACETALDEHYDE (DOPAL): A POTENTIAL ENDOGENOUS NEUROTOXIN THAT MAY PLAY A ROLE IN THE DEVELOPMENT OF PARKINSON’S DISEASE
Darby Huber, Tori Scheffler, Nicholas Schofield, Josue Deslauriers, Jacob R. Hobby, Terrence E. Gavin, Ralph N. Salvatore
Southeastern University

35. PIKE KILLIFISH POPULATIONS IN FLORIDA
Sy TerAvest, Natalia Belifore
The University of Tampa

36. THE PEER-MENTORING PROGRAM THAT CHANGED THE DYNAMICS OF GATEKEEPER COURSES AT BCU
Tristen Johnson, Danyell S. Wilson-Howard
Bethune-Cookman University

37. THE INTERACTION OF COMMUNITY-BASED LEARNING EXPERIENCE INTENSITY AND SEX ON EMPATHY
Christiana Lall, B. Lynn McElyea, Keely Lardizabal, Jody Nicholson
University of North Florida

38. A NOVEL STRATEGY FOR TARGETING HIV: TODAY AND IN THE FUTURE
Richard Suarez, Janelle Nunez-Castilla, Jessica Liberles
Florida International University

39. USING MUNG BEAN NUCLEASE AND BAL 31 NUCLEASE TO PROBE THE BINDING OF N-METHYLPYRIDYLPORPHINES TO PHIX174 DNA
Edilmary Urdaneta, Stephen Winkle
Florida International University

40. THE EFFECT OF FAT AND SODIUM CONTENTS OF THE DIET ON FOOD INTAKE, BODY WEIGHT, AND BODY COMPOSITION IN MALE WISTAR RATS
Kea Schwarz, Alireza Jahan-Mihan
University of North Florida

41. EXAMINING FORENSIC EXPOSURE AND FORENSIC KNOWLEDGE
Giovanna M. Alves, Daniel S. McConnell, Peter A. Hancock
University of Central Florida

42. THE EFFECTS OF MUSIC TIMING ON AEROBIC EXERCISE EXPERIENCE
Stephanie Escobar, Cristina Hernandez
Florida International University

43. EFFECTS OF GLOBAL CLIMATE CHANGE ON BUILDING ENERGY CONSUMPTION AND ADAPTATION MEASURES IN FLORIDA
Anna Kolodziejski, Aiyin Jiang
University of North Florida

44. RE-READING THE BELL JAR THROUGH DIGITAL HUMANITIES: GRAPHICAL LINGUISTIC ANALYSIS AND NEW FEMINIST READINGS
Isabella Hardesty
University of Central Florida

45. ENHANCED RESOURCE RECOVERY FROM SECONDARY WASTEWATER BY INTEGRATING ALGAE IN A SUBMERGED FORWARD OSMOSIS SYSTEM
Sara Eghtessadi, Shiqiang Zou, Zhen He
University of Florida
46. "ALL GRADES OF LIFE:" THE ISSUE OF CLASS IN AMERICAN COOKERY
   Kennedy Harkins
   University of Central Florida

47. THEODORE ABEL AS A POLITICAL THEORIST: NAZI WITNESSES AND THE EXCLUSION OF WOMEN
   Sarah Warren, Daniel Maier-Katkin, Nathan Stoltzfus
   Florida State University

48. A COMPARISON OF THE COAGULATION OF MICROALGA (GYMNODINIUM) BETWEEN CHITOSAN AND ALUM AND EFFECTS ON MACROALGAL (CHLOROPHYTA) SURVIVAL
   Hannah Olson
   Eastern Florida State College

49. A COMPARISON OF PHYSICAL ACTIVITY OF DUVAL COUNTY HIGH SCHOOL STUDENTS TO NATIONAL ACCORDING TO THE 2017 YRBS
   Allie M Henderson, Abby Lorden, Montana Sloan
   University of North Florida

50. AN EXPLORATION INTO THE PSYCHOTIC SYMPTOMS ASSOCIATED WITH SCHIZOPHRENIA AND MAJOR DEPRESSIVE DISORDER
   Kyndester Michael-Samaroo
   University of Central Florida

51. GRAPHIC AND ALGEBRAIC APPROACHES FOR R0 CALCULATION
   Brian Chau
   University of Central Florida

52. A META-ANALYSIS OF NEUROMYELITIS OPTICA EPIDEMIOLOGY IN LATIN AMERICAN NATIONS
   Brittany M. Zengotita, Mohtashem Samsam
   University of Central Florida

53. ONTOGENETIC SHIFTS IN VENOM COMPOSITION OF TWO RATTLESNAKE SPECIES (CROTALUS HORRIDUS AND CROTALUS ADAMANTEUS)
   Emma Huff, Brandon Schonour, Schyler Ellsworth, Darin Rokyta, Matthew Holding
   Florida State University

54. IMPACT OF STUTTERING ON COMMUNICATION ATTITUDE AMONG ADULTS WHO STUTTER AND THEIR LIFE PARTNER
   Randy Panzarino, Martine Vanryckeghem
   University of Central Florida

55. PREVALENCE OF INTESTINAL PARASITES IN RURAL LOCALITIES FROM PAMPA DEL INDO, CHACO (ARGENTINA) AND RELATED RISK FACTORS
   Lindsay Richards, Cintia Delgado, Marcia Goy, Victoria Periago
   University of Florida

56. A STUDY OF THE INTERNAL MENTAL REPRESENTATION HEALTHCARE PROFESSIONALS HAVE TOWARDS ADDICTION
   Tyla Gelman, Curtis Phills
   University of North Florida

57. INCREASING COGNITIVE CONTROL AND REDUCING RACIAL BIAS THROUGH ANTI-STEREOTYPE TRAINING
   Kristan N. Palermo, Katherine C. Hooper, Jennifer M. Wolff, Tyla Gelman, Curtis E. Phills
   University of North Florida

58. EFFECTS OF SUPERBLOOM CONDITIONS ON ZOOPLANKTON DENSITY IN THE INDIAN RIVER LAGOON, FL
   Jonathan Johnson, Sarah Krejci
   Bethune-Cookman University

59. UNDERSTANDING THE EFFECTS OF CLIMATE CHANGE ON AMERICAN ALLIGATOR SEX RATIOS
   Molly O’Brien, Adam Rosenblatt
   University of North Florida

60. DATA FUSION FOR A VISION-AIDED RADIOLOGICAL DETECTION SYSTEM - SODIUM IODIDE DETECTORS VERSUS LIQUID SCINTILLATOR DETECTORS
   Kelsey Stadnikia, Kristofer Henderson, Sanjeev Koopal, Andreas Enqvist
   University of Florida
61. REPRODUCTIVE SUCCESS OF MALE SYNGNATHUS SCOVELLI PIPEFISH ACROSS SEASONS
Magaleate Kostelnik, Julia Skowronski, Heather Masonjones, Emily Rose
The University of Tampa

62. ZORA NEALE HURSTON, TOVE JANSSON AND THE MODERNISMS OF GLOBAL WOMEN
Farrah Kurronen
University of Central Florida

63. CONSTRUCTION OF A TREATMENT WETLAND TO REDUCE NUTRIENT LOADING FROM STORMWATER RUNOFF INTO COASTAL WATERS
Miranda White, Abraham Disilvio, Hyun J. Cho
Bethune-Cookman University

64. THE GENETICS OF ALZHEIMER’S DISEASE
Annaleigh Nowell
Troy University

65. SHIFTING THE PARADIGM OF DEPRESSION BY STUDYING KETAMINE
Miguel Duran
Troy University

66. COLOR THEORY
Briana Borders
Troy University

67. FLORIDA RED TIDE AND THE ORGANISMS THAT ARE ABLE TO SUSTAIN LIFE IN SUCH CONDITIONS: CASSIOPEIA SP. AND BURSATELLA LEACHII
Alexandra Sullivan
The University of Tampa

68. THE GENDER FACTOR: HOW MALE AND FEMALE SEXUAL OFFENDERS ARE PERCEIVED AND PROCESSED DIFFERENTLY IN AMERICAN SOCIETY
Julia-Beth Brown
University of Central Florida

69. EXAMINING THE IMPACT OF FAMILY ON JUVENILE MENTAL HEALTH AND RECIDIVISM DURING REENTRY
Nicole Palmeri, Jill Viglione
University of Central Florida

70. THE EFFECT OF ALTERNATE SUPPLEMENTARY CEMENTITIOUS SOLUTIONS ON PORE WATER AND REBAR PASSIVATION
Christopher Ferraro, Caitlin Tibbetts, Alexander Campano
University of Florida

71. UBIQUITIN-BINDING OF NASCENT POLYPEPTIDE-ASSOCIATED COMPLEX (NAC) PROTEIN IN ARCHAEA
Ling Jin, Zachary Adams, Christopher Batbatan, Julie A. Maupin-Furlow
University of Florida

72. DANTE’S POEM PROVIDING A COMMON LANGUAGE FOR THE GENRE OF SURREAL HORROR
Alexa Kellenberger
Florida State University

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93. BTW, HOW ARE UNDERGRADUATE STUDENTS USING SOCIAL MEDIA?
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