2019 UNIVERSITY EXPOSITION
FRIDAY, MARCH 22

FACULTY POSTERS


101 Northwest Flow of Groundwater within the Overall Creek Watershed, Rutherford County, Tennessee. Mark Abolins, Faculty, Geosciences; Albert Ogden, Geosciences; Josh Upham, Grad student, Geosciences; Leanna Davis, Geosciences

102 American Consultants and the Marketization of Television News in the United Kingdom in the 1990s. Madeleine Liseblad, Faculty, Journalism and Strategic Media

103 A Presumed Media Influence Exploration of #MeToo Tweets During the Ford-Kavanaugh Hearing. Ken Blake, Faculty, Media and Communication; Tricia Farwell, Faculty, Media and Communication; Valen Wilcoxon, Grad student, Media and Communication; Jennifer Woodard, Faculty, Media and Communication

UNDERGRADUATE POSTERS

300 Said in the Dark, Heard in the Daylight: Unearthing the Secrets of the 1921 Greenwood Massacre. Christopher Hyde, Student, English; Laura Dubek (Faculty sponsor) English

301 Facilitating Neural Networks for Multi-Task Learning in Partially and Non-Observable Environments. Lucas Remedios, Student, Computer Science; Joshua Phillips, (author/Faculty Sponsor), Computer Science

302 Food Security Status of College Students Attending a Moderate-Sized University. Korissa Hobbs, Student, Human Sciences; Elizabeth Smith, (author/Faculty Sponsor), Human Sciences; Chandra Story, Faculty, Health and Human Performance; Ying Jin, Faculty, Psychology

303 The Effects of Divalent Cations on the ATPase Activity of Topoisomerase II. Alexis Birmingham, Student, Chemistry; Donald Burden, (author/Faculty Sponsor), Chemistry

304 Probing the Differences in the Emission Profiles of JUUL Electronic cigarettes Based on Nicotine and Nicotine Salts. Kittichoti Simakorn, Student, Chemistry; Ngee Chong (Faculty sponsor) Chemistry

305 Relationships between Skin Carotenoids, Body Mass Index, and Fruit/Vegetable Intake. Daniela Vega Little, Student, Human Sciences; Elizabeth Smith, (author/Faculty Sponsor), Human Sciences; Janet Colson, Faculty, Human Sciences;

306 N-Substituted Azaaurones: Synthesis and Photochemistry. Asfah Mohammed, Student, Chemistry; Scott Handy (Faculty sponsor) Chemistry

307 The Relationship between Sexual Behavior and Substance Use among Tennessee High School. Tatiyanna Sanders, Jasmine Williams, Ashley Mallard (Students, Health and Human Performance); Garvita Thareja, Grad student, Health and Human Performance; Andrew Owusu (Faculty sponsor) Health and Human Performance

308 The Effects that Memory has on Chamulas. Kelly Parker, Student, Media and Communication; Rebekka King (Faculty sponsor) Religious Studies

309 Examining the Relationship Between Substance Abuse and Violent Behavior Among High School Students in the U.S. Seneka Robertson, Chelsea Cox, Kiyanna Taylor (Students, Health and Human Performance); Garvita Thareja, Grad student, Health and Human Performance; Andrew Owusu (Faculty sponsor) Health and Human Performance

310 Dimensional Attention Learning For Working Memory. Ngozi Omatu, Student, Biology; Joshua Phillips (Faculty sponsor) Computational Science

311 Caenorhabditis elegans as an Infection Model for the Novel Intracellular Bacterium Candidatus Berkiella cookevillensis. Chelsey Molina, Student, Biology; Desta Kidane, Grad student, Biology; Paola Molina, Grad student, Biology; Anthony Farone, (author/Faculty Sponsor), Biology; Mary B. Farone, Faculty, Biology

312 Is Gratitude the Reason Mindful Couples are Happier? Robyn Sessler, Student, Psychology; Cameron Gordon (Faculty sponsor) Psychology

313 Illuminating Structural Differences in Donor-Pi Acceptor Dyes with (Thio)barbituric Acid Acceptors. Gabriel Gwirtsman, Student, Chemistry; Darshit Patel, Student, Chemistry; Anna Pietrzak, Visiting scholar, Chemistry; Andrienne Friedli, (author/Faculty Sponsor), Chemistry

314 Modeling the PINK1/Parkin Signaling Pathway. Neal Halper, Student, Mathematics; Rachel Leander (Faculty sponsor) Mathematics
Intrasexual Behaviors in the Nonnative Mediterranean House Gecko, *Hemidactylus turcicus*. Clinton Warren, Student, Biology; Matthew Klukowski (Faculty sponsor) Biology

Relationship between Income and Food Insecurity in African American and White College Students. Naiya Drayton, Student, Biology; Daniel Bryant, Grad student, Biology; Rajarshi Ghosh, Grad student, Biology; Shannon Smith, Grad student, Biology; Paul Kline, Faculty, Chemistry; Anthony Farone, (author/Faculty Sponsor), Biology

Analysis of Bioactive Crude Polysaccharide Composition in White and Red American Ginseng (*Panax quinquefolius*) Roots. Michael Dixon-Morgan, Student, Biology; Daniel Bryant, Grad student, Biology; Rajarshi Ghosh, Grad student, Biology; Shannon Smith, Grad student, Biology; Paul Kline, Faculty, Chemistry; Anthony Farone, (author/Faculty Sponsor), Biology

Preaching to the Choir: 1906 Atlanta. Jason Smith, Student, English; Laura Dubek (Faculty sponsor) English

Spider Silk: A Brief Overview. Autumn Trail, Student, Textiles, Merchandising, and Design; Rick Cottle (Faculty sponsor) Textiles, Merchandising, and Design

Hands Up, Don't Shoot: The Massacre in 1968 Orangeburg, South Carolina. Grace Cade, Student, English; Laura Dubek (Faculty sponsor) English

The Relationship Between Drinking Alcohol Before Sex and Being Physically Forced To Have Sex. Kiana Thompson, Naiya Drayton (Students, Health and Human Performance); Garvita Thareja, Grad student, Health and Human Performance; Andrew Owusu (Faculty sponsor) Health and Human Performance

Validation and Annotation of Novel Gender-related *Cryptococcus neoforms* Genes Identified by RNA Sequencing. Marissa Turner, Student, Biology; Madonna Ghobrial, Student, Biology; Valerie Risk, Student, Biology; Rebecca Seipelt-Thiemann (Faculty sponsor) Biology

Analysis of Ginsenoside Content in Tennessee Wild Ginseng by Optimized Standard CODEX Method and High Performance Liquid Chromatography (HPLC). Oscar Valenzuela, Student, Chemistry; Yuhang Guo, Visiting scholar, Agriculture; Ying Gao, Faculty, Agriculture; Mengliang Zhang, (author/Faculty Sponsor), Chemistry

Fluorescent Tagging of Genomic Parkin in Human Osteosarcoma Cells Using CRISPR Technology. Gabriella Morin, Student, Biology; Jiwoo Park, Student, Biology; Rebecca Seipelt-Thiemann (Faculty sponsor) Biology

Whole Cell Biocatalysis of Major Ginsenosides in Ginseng Beer Using *Saccharomyces* spp. and *Lactobacillus* spp. Caldwell Charlet, Jordan Bevill, (Students, Agriculture); Seoockmo Ku (Faculty sponsor) Agribusiness and Agriscience

One Egg Over-Medium: Applying Marshal McLuhan's Theory to the "Instagram Egg". Aleea Hollandsworth, Student, Communication Studies; Patrick Richey (Faculty sponsor) Communication Studies and Organizational Communication

Augmented Reality to Improve Student STEM Success. Myranda Uselton, Student, Chemistry; Levi Madden, Student, Computer Science; Neal McClain, Staff, James E. Walker Library - Systems Department; Andrienne Friedli, Faculty, Chemistry; John Wallin, Faculty, Computational Science; Amy Phelps (Faculty sponsor) Chemistry

Examining SNF3's Role in the Virulence of *Cryptococcus neoforms*. Prianca Griggs, Student, Biology; Erin McClelland (Faculty sponsor) Biology

Châtiment. Stephanie Bottum, Student, Theatre; Claudia Barnett (Faculty sponsor) English

Insight into Interrelationships among Density, Viscosity, Crystallinity, and Chemical Composition within Hypocrystalline Lavas, Mt. Hood Volcano, Oregon. Abigail Choisser, Student, Geosciences; Warner Cribb, (author/Faculty Sponsor), Geosciences

Holy Week Uprising and the Legacy of Martin Luther King, 1968-2019. Siera Ransom, Student, Health and Human Performance; Laura Dubek (Faculty sponsor) English

A Social Network Analysis of Introductory Biology Students' In- and Out-of-Class Group Interactions. Gina Bishara, Student, Biology; Joshua Reid, Grad student, Mathematics and Science Education; Grant Gardner (Faculty sponsor) Biology

Mathematical Modeling of Cellular Growth to Maintain Cell Traits. Jasmin Laurel, Student, Mathematics; Rachel Leander (Faculty sponsor) Mathematics

CRISPR-based Knock-in of BCAT-deficient *Cryptococcus neoforms*. Bethany Poff, Student, Biology; Niah Frantzen, Student, Biology; Rebecca Seipelt-Thiemann (Faculty sponsor) Biology

Nucleophilic Substitution Reactions of \[\text{cloSO-B10H8-1,10-(IPh)2}\]. Tegan Schafer, Student, Chemistry; Mustapha Abdulmojed, Grad student, Chemistry; Anna Pietrzak, Visiting Scholar, Chemistry; Andrienne Friedli, (author/Faculty Sponsor), Chemistry; Piotr Kaszynski, Faculty, Chemistry

Cronobacter sakazakii, a Possible Intracellular Bacterium in *Acanthamoeba polyphaga*. Atia Ahmed, Student, Biology; Mary Farone (Faculty sponsor) Biology

Improved Electron Field Emission from Vertically Aligned Carbon Nanotubes Synthesized on Stainless Steel Substrate. Matthew Kurilich, Student, Physics and Astronomy; Suman Neupane (Faculty sponsor) Physics and Astronomy

Developing a Method to Analyze Protein Protein Interaction in *C. elegans*. Jessica Rodriguez, Neal Halper, (Students, Chemistry); Justin Miller (Faculty sponsor) Chemistry

Assessment of Pesticide Impacts on Soil Microbial Viability Using Fluorescence, Nitrate, and Carbon Dioxide Assays. Maria Fernanda Laureano Tostes Coimbra, Student, Chemistry; Zachary Forbes, Student, Biology; Kelsie Summers, Student, Biology; Cameron Oldham, Student, Biology; Erik Manovic, Student, Chemistry; Iljia Zecevic, Student, Chemistry; John DiVincenzo, (author/Faculty Sponsor), Chemistry

MTSU Rover Team: Human-Powered Exploration. Kylan Burse, Student, Engineering Technology; Saeed Foroudastan (Faculty sponsor) Engineering Technology

Early and Late Season Kudzu (*Pueraria montana var. lobata*) Age Variability Effects on Total and Nutrient-specific in situ Rumen Degradation. Joseph Gullizia, Student, Agriculture; Kevin Downs (Faculty sponsor) Agribusiness and Agriscience

Comparative Ginsenoside Analysis of Red and White American Ginseng (*Panax quinquefolius*) Roots by HPLC-CAD. George Schroeder, Student, Biology; Rajarshi Ghosh, Grad student, Chemistry; John DuBois (Faculty sponsor) Biology

A Comparative Approach of Virtual Curation and Metric Analysis of Human Skeletal Remains. Regan Edwards, Student, Biology; Devin Adcox, Student, Sociology and Anthropology; Hannah Newcomb, Student, Sociology and Anthropology; Tiffany Saul (Faculty sponsor) Sociology and Anthropology

Synthesis and Size Dependent Magnetic Properties of Iron Oxide Nanoparticles. Isaiah Sterkel, Student, Physics and Astronomy; Saeed Kamali, Faculty, Physics and Astronomy; Suman Neupane, (author/Faculty Sponsor), Physics and Astronomy

Why Perceived Body Image May be Key to Addressing Obesity among High School Students in the United States. Aundria McCadney, Akira Jones, Kianna Garner (Students, Health and Human Performance); Garvita Thareja, Grad student, Health and Human Performance; Andrew Owusu (Faculty sponsor) Health and Human Performance

How Machiavelli's *The Prince* Relates to Incumbent Elections.
Miura Rempis, Student, Political Science; Patrick Richey (Faculty sponsor) Communication Studies and Organizational Communication

347 The Effect of Elicitor Stimulation on Industrial Hemp (Cannabis sativa) Varieties in a Hydroponic System. Rachel Bailey, Student, Biology; John DuBois (Faculty sponsor) Biology

348 Fluorescent-Tagging of Genomic PINK1 in Human Osteosarcoma Cells Using CRISPR/Cas9 Technology. Hannah Jones, Charles Teeple (Students, Chemistry); David Nelson, Faculty, Biology; Rebecca Seipel-Thiemann, (author/Faculty Sponsor), Biology

349 Purification and Composition of Polysaccharides Isolated from Cannabis sativa Cherry Hemp Root. Kami Dyer, Student, Chemistry; Daniel Bryant, Grad student, Biology; Evidence Nwangwa, Student, Chemistry; Rajashri Ghosh, Grad student, Biology; Anthony Farone, Faculty, Biology; Paul Kline, (author/Faculty Sponsor), Chemistry

350 Chaos in Cincinnati: An Examination of a 2001 Race Riot in my Hometown. Maddison Falter, Student, English; Laura Dubek (Faculty sponsor) English

351 Solvatochromism in a Series of Dyes with Rhodanine or Tetracyanofuran Acceptors. Wesley Kirkland, Student, Chemistry; Mary Sadek, Student, Chemistry; Anna Pietrzak, Student, Chemistry; Andrienne Friedli, (author/Faculty Sponsor), Chemistry

352 The Endosymbiotic Bacterial Community of the Causative Agent of White Nose Syndrome, (Pseudogymnoascus destructans) of Bats. Ashton Reece, Student, Biology; Kylie Moe, Student, Biology; Matt Grisnik, Grad student, Biology; Donald Walker, (author/Faculty Sponsor), Biology

353 Fungal Endophyte Isolation and Identification from Vitis aestivalis Norton/Cynthiana Grapevines from Virginia and New York. Zachary Lay, Student, Biology; John Dubois, Faculty, Biology; Tony Johnston, Faculty, Agriculture; Rebecca Seipel-Thiemann, (author/Faculty Sponsor), Biology


355 The Past is Prologue: What 1957 Little Rock Teaches Us about Our Schools Today. Skylar Smith, Student, English; Laura Dubek (Faculty sponsor) English

356 Reduction of Benzils (1,2 diketone) to Benzoins: Reactivity and Regioselectivity. Kerri Harger, Student, Biology; Scott Handy (Faculty sponsor) Chemistry

357 Remember Your Retiquette. Jessica Wright, Student, Political Science; Patrick Richey (Faculty sponsor) Communication Studies and Organizational Communication

358 Gene Discovery and Annotation of Gardnerella vaginalis, a Bacterium Associated with Bacterial Vaginosis and Pre-term Labor. Marina Ibrahim, Student, Biology; Rebecca Seipel-Thiemann, (author/Faculty Sponsor), Biology; Tim Miller, Faculty, Computational Science

359 Using CRISPR to create reconstituted strains in C. neoformans BCAT gene. Madison Childers, Student, Biology; Erin McClelland, (author/Faculty Sponsor), Biology

360 Somatic Embryogenesis from Vitis aestivalis ‘Norton/Cynthiana’ Grape Tissue Callus Derived from Anther and Ovary Explant Tissues. Rebekkah Riley, Student, Biology; Sara Moore, Student, Biology; John DuBois (Faculty sponsor) Biology

361 Trayvon Martin: A Contemporary Narrative of American Race Relations. Laurel O'Neill, Student, English; Laura Dubek (Faculty sponsor) English

362 Synthesis of a Novel Phosphorus Flame Retardant Incorporating Poly(Tetramethylene Oxide). Nolton Woods, Student, Chemistry; Dwight Patterson (Faculty sponsor) Chemistry

363 Link between Prosody Sensitivity and Reading Comprehension: A Combined ERP and Individual Difference Approach. Brenna Wolfe, Student, Chemistry; Timothy Nelson, Faculty, Literacy Studies; Cyrille Magne, (author/Faculty Sponsor), Psychology

364 Murder in the Sanctuary: The 2015 Charleston, South Carolina Massacre. Summer Matthews, Student, English; Laura Dubek (Faculty sponsor) English

365 #SayHerName and Black Female Empowerment. Ayauna Blair, Student, Africana Studies and English; Laura Dubek (Faculty sponsor) English

366 Examining the Relationship between Bullying and Suicide in High Schools. Tatum England, Destine Gilliland, Abike Egbeniyi, Miaya Edwards (Students, Health and Human Performance); Garvita Thareja, Grad student, Health and Human Performance; Andrew Owusu (Faculty sponsor) Health and Human Performance

367 The Role of Electron-Electron Interactions in Metal-Insulator Transitions. Aric Moilanen, Student, Physics and Astronomy; Hanna Terletska (Faculty sponsor) Physics and Astronomy

368 Analyzing Students’ Understanding of Isomorphism. Marilin Kelley, Student, Mathematics; Jennifer Lovett, Faculty, Mathematics; James Hart, Faculty, Mathematics; Jennifer Lovett (Faculty sponsor) Mathematics

369 Graduate Teaching Assistants’ Cognition Related to Teaching: A Validation of Five Instruments. Dirhat Mohammed, Dhruni Lad (Students, Biology); Grant Gardner, (author/Faculty Sponsor), Biology; Joshua Reid, Grad student, Biology

370 Genetic Regulation of a Camphor Mediated Light Switch. Steffany Jenkins, Student, Biology; James Robertson (Faculty sponsor) Biology

371 The Relationship between Feeling Unsafe at School and Depression among Tennessee High School Students. Tahirah Qadir, Allison Poteete, Macy Taylor, Melissa Davis, Felicia Pursley (Students, Health and Human Performance); Garvita Thareja, Grad student, Health and Human Performance; Andrew Owusu (Faculty sponsor) Health and Human Performance

372 Is Physical Activity a Major Factor for Obesity Among High School Students in the US Compared to Diet? Martravius Randall, Sara Almoumineen, Nimo Mohamed, Waad Alhazmi (Students, Health and Human Performance); Garvita Thareja, Grad student, Health and Human Performance; Andrew Owusu (Faculty sponsor) Health and Human Performance

373 History Lessons: The Scottsboro Boys, Powell v Alabama, and Civil Rights. Kiana Carter, Student, English; Jonathan Mitchell, Student, English; Laura Dubek (Faculty sponsor) English

374 Inaugurating a New President and a New Era of Resistance. LaQuisha Lewis, Student, Literacy Studies; Laura Dubek (Faculty sponsor) English

375 Designing a Mammalian Macrophage: Cn culture System to Study Changes in Gene Expression in Host Macrophages. Jada Murriel, Student, Biology; David Nelson (Faculty sponsor) Biology

376 Isolation of Antibacterial Compounds Found in Vitis aestivalis Fungal Endophytes… Kayley Stallings, Student, Biochemistry and Fermentation Science; Paul Kline (Faculty sponsor) Chemistry

377 Identification of Novel Gender-related Virulence Genes in Cryptococcus neoformans. Zena Barwari, Student, Biology; Rebecca Seipel-Thiemann (Faculty sponsor) Biology

378 Evaluation of a Kid-Friendly Chili Recipe in a National School Lunch Program Participating School. Melissa Austin, Student, Human Sciences; Lindsey Cherry, Student, Human Sciences; Lisa Sheehan-Smith (Faculty sponsor) Human Sciences

379 Investigating the Ability of Spice Extracts to Inhibit Bacterial Growth and Histamine Accumulation Associated with Scombroid Food Poisoning. Merna Gobrial, Student, Biology; Rebecca Seipel-Thiemann, (author/Faculty Sponsor), Biology; Mary Farone, Faculty, Biology

380 Dyeing to Know: A Natural Approach to Dyeing Textiles. Don Srisuriyo, Student, Biology; Scott Handy (Faculty sponsor)
551 Gas Cars vs. Electric Cars. Rymoun Said, Student, Engineering Technology; Charles Perry (Faculty sponsor) Engineering Technology
552 Commemorative Landscapes of Bangladesh: A History of National Identity and Transformation. Md Rahaman, Student, History; Md Rahaman (Faculty sponsor) History
553 Performance Analysis of Reactive Routing Protocols in Infrastructure-less Networks. Parveen Sultana, Student, Computer Science; Suk Seo (Faculty sponsor) Computer Science
554 Machine Vision Systems Performance Improvement. Jude Oshiomha, Student, Engineering Technology; Chong Chen (Faculty sponsor) Engineering Technology
555 Customization: Modern-Day Buying and the Effects on Manufacturing and Supply Chain Design. Stephanie Duhe, Student, Professional Science; Charles Perry (Faculty sponsor) Engineering Technology
556 Cation Exchange Reactions and Zinc Chalcogenide Nanocrystals. Adekunle Akinmola, Student, Chemistry; Naily Huszainey, Undergrad student, Chemistry; Hailey D. Hall, Undergrad student, Chemistry; Justin M. Miller, Faculty, Chemistry; Paul Van Patten (Faculty sponsor) Chemistry
557 Zen and the Art of VR Gardening. Alexander Carter, Student, Recording Industry; John Merchant (Faculty sponsor) Recording Industry
558 A Sensor-Level Intrusion Detection System against Internal Replay Attacks in Wireless Sensor Network. Samuel Meagher, Student, Computer Science; Suk Seo (Faculty sponsor) Computer Science
559 Fat Supplementation: Rice Bran Oil vs Corn Oil. Morgan Garrick, Student, Horse Science; Holly Spooner, (author/Faculty Sponsor), Horse Science; Rhonda Hoffman, Faculty, Horse Science; John Haffner, Faculty, Horse Science
560 Enabling Hierarchical and Heterogeneous Memory in OpenSHMEM. Robert Smith, Student, Computer Science; Suk Seo (Faculty sponsor) Computer Science
561 Aurone as a Fluorescent Probe for the Selective Detection of H2S in Environmental and Biological Systems. Arjun Kafee, Student, Molecular Biosciences; Shrijana Bhattarai, Student, Molecular Biosciences; Justin Miller, Faculty, Chemistry; Scott Handy, (author/Faculty Sponsor), Chemistry
562 Parameter Estimation for a Fractional FitzHugh-Nagumo Diffusion Model. Kayode Olumoyin, Student, Computational Science; Abdul Khalilq (Faculty sponsor) Computational Science
563 Open-Locating-Dominating Sets in an Infinite King’s Graph. Robert Dohner, Student, Computer Science; Suk Seo (Faculty sponsor) Computer Science
564 Effects of a of a Mediated Field Experience on a Math Content Course for Elementary Teacher Candidates. Sister Cecilia Anne Wanner, Student, Mathematics and Science Education; Alyson Lischka (Faculty sponsor) Mathematics and Science Education
565 Is Integration Enough? An Analysis of Student Responses from an Integrated BioCalculus Task. Joshua Reid, Student, Mathematics and Science Education; Candice Quinn, Student, Mathematics and Science Education; Jeremy Strayer (Faculty sponsor) Mathematics and Science Education
566 Envisioning the End: A Study on Pre-production. Samuel Ventura, Student, Recording Industry; Michael Hanson (Faculty sponsor) Recording Industry
567 Cobalt-Catalyzed Dehydrogenative Coupling of Primary Alcohols with Amines. Keshav Paudel, Student, Molecular Biosciences; Bedraj Pandey, Student, Chemistry; Keying Ding (Faculty sponsor) Chemistry
568 Evaluating Ergonomics in MTSU Classrooms with a Focus on Indoor Environmental Factors. Lorena Jaeger, Student, Engineering Technology; Valentin Vinca, Student, Engineering Technology; Mina Mohebbi (Faculty sponsor) Engineering Technology

569 The Language of Math Textbooks: Linguistic Roadblock or Bridge to Comprehension? Molly Risley, Student, Literacy Studies; Mohammed Albakry, (author/Faculty Sponsor), English
570 Relationship of Immigration Population and Unemployment Rate in U.S. Pattara Jitsopit, Student, Professional Science; Charles Perry (Faculty sponsor) Engineering Technology
571 Mike Hicks Live: Cinematic In-Studio Music Production with Audience Immersion. Jacob Keener, Student, Recording Industry; Dan Pfeiffer (Faculty sponsor) Recording Industry
572 Mycobacterium tuberculosis ClpC1 N-Terminal Domain Is Dispensable for Adaptor Protein-Dependent Allosteric Regulation. Justin Marsee, Student, Chemistry; Justin Miller, (author/Faculty Sponsor), Chemistry
573 Developing Teachers’ Core Practice for Teaching Mathematics through Vertical Lesson Study. Jennifer Seat, Student, Mathematics and Science Education; Rongjin Huang, (author/Faculty Sponsor), Mathematics and Science Education; Dovie Kimmens, Faculty, Mathematics and Science Education; Jeremy Winters, Faculty, Elementary and Special Education
574 The Role of Testosterone in the Melanization of Cryptococcus neoformans. Jamila Tucker, Student, Biology; Erin McCleland, (author/Faculty Sponsor), Biology
575 A Comprehensive Analysis of Graph-based Application Partitioning Algorithm for Offloading in Mobile Cloud Computing. Sayali Borase, Student, Computational Science; Suk Seo (Faculty sponsor) Computer Science
576 Characterizing the role of the sperm specific proteasomal subunit RPN-6.2 in Caenorhabditis elegans. Joshua Evers, Student, Biology; Lynn Boyd (Faculty sponsor) Biology
577 Exploring the Complexity and Treatment Implications of the Bidirectional Relationship between Symptoms of Mental Illness and Chronic Disease Progression in a Rare Disease Population. Chanell Haley, Student, Health and Human Performance; Sarah Patrick, Undergrad student, Health and Human Performance; Angie Bowman (Faculty sponsor) Health and Human Performance
578 The Incorporation of a Live Horn Section into Electronic Music Production. Thomas Nixon, Student, Recording Industry; Misty Jones Simpson (Faculty sponsor) Recording Industry

March 25-April 10 – First-place posters exhibited in the Walker Library

Scholars Week Organizing Committee

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