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Spring 2018

## Office of Research, Grants and Sponsored Programs Newsletter, Spring 2018

Lincoln Memorial University, Office of Research, Grants, and Sponsored Programs

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Cosgriff, Browning and Lutterman

Director of Undergraduate Special Education, Dr. Joseph Cosgriff recently presented research on the topic of training preservice teachers to be effective advocates for students with disabilities. He presented at the national TASH conference in Atlanta, GA. TASH is now the name of the organization that was formerly known as “The Association for the Severely Handicapped.” In the presentation, titled “Turning the hearts of parents to children: How preservice teachers learn advocacy,” Dr. Cosgriff focused on the results of a collaborative effort in which LMU hosted twelve webinars broadcast from Vanderbilt’s Volunteer Advocacy Project. The project trained local community members, parents and preservice teachers to become engaged in advocacy for loved ones with disabilities in a special education context.

Mini-Grant Award

Assistant Professor of Psychology, Dr. Sheri Browning was recently awarded a mini-grant for her project, “The Effect of Different Predator Types on the Alarm Calls of Breeding Northern Wheatears (*Oenanthe oenanthe*).” This study will aid in understanding the structure and function of alarm calling in Northern wheatears, a species whose communication has been studied very little. Congratulations Dr. Browning!!

Assistant Professor of Visual Art and Program Director, Brandon Lutterman’s piece, “Gator” was selected as one of the works to be displayed at the Virginia Mennonite Retirement Community Art Exhibition. Only 18 percent of the submitted works were chosen to be displayed—Congratulations!!



Office of Research, Grants and Sponsored Programs

The Office of Research, Grants and Sponsored Programs is located in Grant Lee. Help us let the LMU Community know of the scholarly activity happening across campus. If you have scholarly activity you would like for us to include in the ORGSP Newsletter, please forward any items to [carolyn.gulley@lmunet.edu](mailto:carolyn.gulley@lmunet.edu). Photos of your book covers, your projects or yourself are welcome also.

Thanks!

## Dr. Wayne Davis and Dr. Ann-Marie Buchanan

Assistant Professor of Criminology and Criminal Justice, Dr. Wayne Davis recently had several articles and textbooks published. Several of the articles were written in conjunction with Dr. Ann-Marie Buchanan, assistant professor of social work. Davis also secured a U.S. Patent, Davis, W.L. (2018). Table Top Police Scenes—Teaching Assistance Device. U.S. Patent 9934696, issued April 2018. Below is a listing of the publications and textbooks.

- 1) Davis, W.L. (2018). An Exploratory Study of Childhood Religiosity, Sports Participation, and Physical Aggression Among African American Female Athletes. *Asian Academic Research Journal of Social Sciences and Humanities*, 5(3), 21-36.
  - 2) Buchanan, A.C., & Davis, W.L. (2018). Does Type of Occupation Affect African Americans' Perceptions of & Attitudes toward Domestic Violence? *Asian Academic Research Journal of Multidisciplinary*, 5(3), 55-65.
  - 3) Buchanan, A.C., & Davis, W.L. (2018). Does Marital Status Affect African American's Perceptions of & Attitudes toward Domestic Violence? *Asian Academic Research Journal of Social Sciences and Humanities*, 5(1), 57-65.
  - 4) Buchanan, A.C., & Davis, W.L. (2018). Does Education Level Affect Perceptions of & Attitudes toward Domestic Violence? *Asian Academic Research Journal of Multidisciplinary*, 5(1), 116-125.
  - 5) Buchanan, A.C., & Davis, W.L. (2018). Does Age or Sex Affect Perceptions of & Attitudes toward Domestic Violence? *Asian Academic Research Journal of Social Sciences and Humanities*, 5(1), 239-248.
  - 6) Buchanan, A.C., & Davis, W.L. (2018). Does Income Level Affect African Americans' Perceptions of & Attitudes toward Domestic Violence? *Asian Academic Research Journal of Social Sciences and Humanities*, 5(2), 48-58.
  - 7) Buchanan, A.C., & Davis, W.L. (2018). Religious Affiliation and Perceptions & Attitudes Involving Domestic Violence. *Asian Academic Research Journal of Social Sciences and Humanities*, 5(1), 221-229.
  - 8) Davis, W.L. & Leslie, P.J. (2017). Emotional Intelligence of Criminal Justice Students in Experiential & Didactic Programs. *Asian Academic Research Journal of Social Sciences and Humanities*, 4(9), 18-25.
  - 9) Peng, Y., & Davis, W.L. (2017). Cyberbullying & Suicidal Thoughts in the United States. *Asian Academic Research Journal of Social Sciences & Humanities*, 4(7), 102-109.
  - 10) Peng, Y., & Davis, W.L. (2017). Partisanship and Cyberbullying in the United States. *Asian Academic Research Journal of Social Sciences & Humanities*, 4(7), 133-139.
  - 11) Davis, W.L. (2018). A Correlational Study of Sports Participation, Religiosity, and Verbal Aggression Among African American Female Athletes. *Asian Academic Research Journal of Social Sciences and Humanities*, 5(3), 192-207.
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- 1) Davis, W.L. (2017). *Law Enforcement Tools: Techniques for Reliability Assessment* (9781543464269).
  - 2) Peng, Y., & Davis, W.L. (2017). *Partisanship, Cyberbullying, & Suicidal Thoughts*. (9781543456349).
  - 3) Davis, W.L. & Leslie, P.J. (2016). *Research Comparing the Emotional Intelligence of Criminal Justice College Students in Experiential and Didactic Programs* (9781524556242).
  - 4) Davis, W.L. Lai, Y., & Song, Q (2016). *American Police Work in English and Bidialectal Chinese* (9781524550691).
  - 5) Davis, W.L., Oda, M., & Lai, Y. (2016). *American Law Enforcement in Trilingual: English, Japanese, & Traditional Chinese* (9781504369107).
  - 6) Davis, W.L., Oda, M., Song, Q. (2016). *U.S. Local Law Enforcement Work in Trilingual: English, Japanese, & Simplified Chinese* (9781498488174).
  - 7) Buchanan, A.C., Davis, W.L. (2016). *Qualitative Research: Intelligence for College Students* (9781504348256).

LMU faculty and students attended the Tennessee Wildlife Society Conference in Fall Creek Falls State Park, February 28—March 2, 2018. Dr. Laroy Brandt, Assistant Professor of Biology, and Dr. Aggie Vanderpool, Associate Professor of Biology, accompanied 17 conservation biology majors from the LMU School of Mathematics and Sciences.



Maggie Singleton presented her senior seminar research concerning large mammal diversity at the LaSuerte Biological Field Station in Costa Rica. One highlight of her research was a new record of Baird's tapirs at the study site. Baird's tapirs are a species of mammal found only in Latin America and are listed as endangered with only an estimated 3,000 remaining.

Justine Jusack presented her senior seminar research, which tested a hypothesis that the bat community species composition would change in areas that are more open. Her research, conducted in Costa Rica, supported current suggestions that as open space increases, the proportion of fruit eating bats in the bat community increases.

Vanderpool and Brandt presented research that combined the work of two previous students, Rebekah Lindsay and Darrell England, to create some baseline data on the frog species that occur in East Tennessee. They combined the work to determine if any environmental variables influenced the calling activity of all the species found. "We received considerable positive feedback on all presentations, all of which will lead to future research," said Brandt.

Other students who attended were Michelle Russell, Liz Maggard, Sarah Cornett, Kayla Howard, Amanda Schlegel, Kiersten Dunaway, Hana Hess, Kendall Trent, Madison Denny, Emily Burke, Justin Woodard, Tyler Bushnell, Tanner Denton, Haydn Jones, and Joey Harris.

For more than 75 years, The Wildlife Society has been influencing the future of wildlife and wild places for the benefit of generations to come. Founded in 1937, the organization's mission is, "To inspire, empower, and enable wildlife professionals to sustain wildlife populations and habitats through science-based management and conservation." The Wildlife Society enhances members' networking and learning opportunities and professional and career development, and provides numerous ways for them to get more involved in creating a better future for wildlife and their habitats.

The Wildlife Society members include scientists, managers, educators, technicians, planners, consultants and others who manage, conserve and study wildlife populations and habitats; students who are pursuing degrees and experiences that will enable them to become the next generation of wildlife professionals; and supporters who help spread the word and take action on important wildlife and habitat issues.



## News from the College of Veterinary Medicine

### Phi Zeta Honor Society

The College of Veterinary Medicine has established a local chapter (Alpha Theta Chapter) of Phi Zeta, the Honor Society of Veterinary Medicine. It is the aim of Phi Zeta to stand for constant advancement of the veterinary profession, for higher educational requirements, and for high scholarship. As stated in the Phi Zeta Constitution, the object of the Society shall be to recognize and promote scholarship and research in matters pertaining to the welfare and diseases of animals. The initial membership of the LMU chapter has been established with 44 members (DVMs) from the CVM and Veterinary Medical Technology/Veterinary Health Sciences faculty and 2 honorary members (non-DVM). The chapter will annually elect CVM students to recognize the top 25% of the 4<sup>th</sup> year class and the top 10% of the 3<sup>rd</sup> year class based on scholastic record. This year there will be 22 members of the CVM Class of 2018 and 10 members of the CMV Class of 2019 elected to the Phi Zeta Honor Society. The newly formed chapter will also be a sponsor of the annual CVM Research Day activities.

## Spring at LMU!



## News from Student Support Services

### LMU SSS Students Visit TN Theatre

On March 3, 2018, students and staff from the Lincoln Memorial University Student Support Services program enjoyed a visit to the TN Theatre in Knoxville, TN where they enjoyed the spectacular new national tour musical performance of *The Wizard of Oz*. The show featured breathtaking special effects, dazzling choreography and classic songs. After the performance, they enjoyed dinner together at Mr. Gatti's Pizza Buffet.



The Student Support Services Program is funded by a grant from the United States Department of Education and serves 165 qualifying students on the campus of Lincoln Memorial University. The program provides advising, tutoring, counseling, mentoring, and career planning to help students succeed in a post-secondary education. For more information about the program, please contact Lila Combs, Director at 423-869-6213.

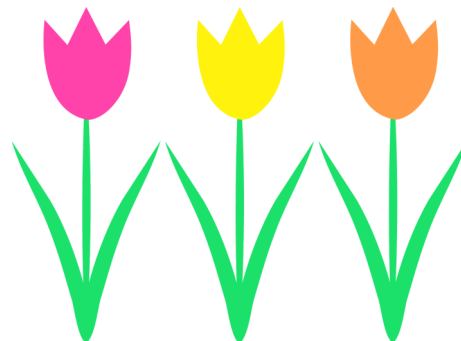
## Recent Submissions and Awards

### Submissions:

- Dr. Mary Anne Modrcin submitted an application to Health Resources & Services Administration for a Nurse Anesthetist Traineeship Grant.
- Dr. Adam Gromley submitted an application to the East Tennessee Foundation's Butterfly Fund for a continuation of his previously funded project, "Identifying the role of centriolin in rhabdomyosarcoma development and potential future therapies."
- Ms. Robin Susong submitted a proposal to the State of Tennessee for the High Visibility Grant.

### Awards:

- Dr. Paul Wood received an award from A.T. Still University.
- DCOM student, Vini Patel received an award from the American Osteopathic Foundation.
- Four LMU students were awarded the Colonel Lee B. Ledford Scholarship from the Appalachian College Association. Tanner Denton, Kayla Howard and Kiersten Dunaway, who are working under mentor Dr. LaRoy Brandt and Elizabeth Maggard who is working under mentor Dr. Barbara Shock.
- Dr. Sarah Senter was awarded a Professional Development Opportunity Award from the Appalachian College Association.
- Dr. Beth Kitts-Morgan received an award from the University of Kentucky.



CONGRATULATIONS!

## Contact information for grants:

### **Marca Cenatiempo**

Director, Health Sciences Research and Grants  
DeBusk College of Osteopathic Medicine  
marca.cenatiempo@lmunet.edu  
(423) 869-6838

### **Carolyn Gulley**

Executive Director, Office of Research, Grants and Sponsored Programs  
Grant Lee 103  
carolyn.gulley@lmunet.edu  
(423) 869-6291

### **Kimberly Kertis**

Research Specialist, Health Sciences  
DeBusk College of Osteopathic Medicine  
Kimberly.kertis@lmunet.edu  
(423) 869-6441

### **Melissa Miracle**

Post Award Grants Manager  
Grant Lee 104  
melissa.miracle02@lmunet.edu  
(423) 869-6834

### **Reminder from the LMU Institutional Review Board (IRB)**

Please remember that all research proposals and projects involving human subjects, must have IRB approval ***prior*** to the presentation of any information gathered during the course of the research.

Under federal policy, the IRB cannot grant retroactive IRB approval.

### **All applications for external funding must first begin by contacting the ORGSP.**

If your grant award, application, presentation, or publication has not been mentioned in this edition, please forward your information to us using the contact information listed above. Thank you!

### **Institutional Animal and Care Use Committee (IACUC)**

All research proposals and projects involving animals must have IACUC approval. Please have protocols submitted at least one week before the next scheduled meeting for committee review. Below is a schedule of upcoming IACUC meetings:

April 26, 2018

May 31, 2018

June 28, 2018

July 26, 2018

August 30, 2018