

Lincoln Memorial University

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Spring 2020

### Office of Research, Grants and Sponsored Programs Newsletter, Spring 2020

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

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Associate Professor of English, Jacques Debrot recently had the short story "On All Fours" accepted for publication by the literary Journal *After the Pause*. Below is a brief excerpt:

*"This was back in year six or seven of the Econopocalypse. In my former life I'd been a happily married cloud data fracker with a Mini Cooper hover car and a timeshare in Sino-Aruba. Then came the tsunamis and the floods, the killer asteroid, famine, global warming, nuclear winter—all our worst nightmares. The pandemic was only the last lick."*



Instructor of English, Denton Loving recently had creative work published in The Kenyon Review, The Coachella Review, museum of americana, The National Poetry Review, Cider Press Review and The Citron Review.

An essay Loving wrote about former Kentucky poet laureate Frank X Walker was included in the book, *Step into the Circle: Writers in Modern Appalachia*, published by Blair and edited by Amy Greene and Trent Thomson. He also presented "Fathers and Sons of Sanction County and the Adversarial Forces of their Landscape," a study of the short fiction of Charles Dodd White at Emory & Henry's Annual Literary Festival in October. The work will be published in the 2020 issue of Iron Mountain Review. In January, Loving received a scholarship to the Key West Literary Workshops to study with novelist Christopher Castellani. Additional work is forthcoming in Harvard Divinity Journal. Below is a list of these works.

"If You're in Need, You're a Foreigner Everywhere: A Review of Christos Ikonomou's 'Good Will Come From the Sea'" (review) *The Kenyon Review* (August 2019) <https://www.kenyonreview.org/reviews/good-will-come-from-the-sea-by-christos-ikonomou-738439/>

"Lake Sagatagan Summer" (poetry) *The Coachella Review* (August 29, 2019) <http://thecoachellareview.com/wordpress/2019/08/29/lake-sagatagan-summer/>

"There is a barn" (poetry) *museum of americana* (Issue 19) <https://themuseumofamericana.net/two-poems-by-denton-loving/>

"Albert Ulrey's X-Ray Eyes" (poetry) *museum of Americana* (Issue 19) <https://themuseumofamericana.net/two-poems-by-denton-loving/>

"The Fence Builder" (poetry) *The National Poetry Review* (Issue 17, November 2019) <http://www.nationalpoetryreview.com/>

"Maelstrom" (poetry) *Cider Press Review* (Volume 21, Issue 3, December 3, 2019) <https://ciderpressreview.com/cpr-volume-21-3/maelstrom/>

"Topography of Tears" (non-fiction) *The Citron Review* (Citron 10, Winter 2019) <https://citronreview.com/2019/12/21/the-topography-of-tears/>

## News from the Paul V. Hamilton School of Arts, Humanities and Social Sciences

Professor of History and Abraham Lincoln Historian, Dr. Charles Hubbard was awarded a Faculty Fellowship Grant from Appalachian College Association for Fall 2020 and Spring 2021. His project is titled, "The Generational Struggle of an African American Family Pursuing Freedom and Equality in 19th Century America" and originated with the discovery of eighteen letters written by Sergeant Major Benjamin Trail of the 28th Indiana United States Colored Troops during the Civil War. Dr. Hubbard has considerable preliminary research in this area and his project will provide a valuable perspective on the African American Experience during a time of unprecedented division, violence and change in our nation's history.

## News from the Abraham Lincoln Library and Museum

Program Coordinator for The Abraham Lincoln Library and Museum, Mrs. Natalie Sweet delivered two presentations at the Southeastern Museum Conference in October 2019. Her first presentation was titled, "Maintaining Momentum: How Do We Go Beyond One-time Community Engagement Programs?" Sweet presented along with Lisa Jevack, The Fralin Museum of Art at the University of Virginia and Adina Langer of the Museum of History and Holocaust Education at Kennesaw State University. She also presented, "2019 SEMC Equity and Inclusion Survey" she presented along with Adina Langer, Museum of History and Holocaust Education at Kennesaw State University.

## News from the DeBusk College of Osteopathic Medicine

Former Assistant Professor of Public Health, Dr. Vinayak Nahar and Associate Professor of Biochemistry, Dr. Zeynep Gromley published, "Attitudes and practice among dermatologists regarding indoor tanning" in the Archives of Dermatological Research journal. The research for this publication was funded through an LMU Mini-Grant.

## News from Student Support Services



On December 4, 2019, students and staff from the Lincoln Memorial University Student Support Services program enjoyed a visit to UT's Clarence Brown Theatre in Knoxville, TN where they enjoyed the musical performance of *A Christmas Carol*. Before the performance, they enjoyed dinner in Market Square.



On November 22nd, 2019, faculty from the Math and Sciences Biology Department along with ten LMU students traveled to Columbia State Community College in Columbia, TN to present scientific research at the annual Tennessee Academy of Sciences meeting. Assistant Professor of Biology, Dr. Barbara Shock, Associate Professor of Biology, Dr. LaRoy Brandt, and Assistant Professor of Biology, Dr. Whitney Kistler supported students as they presented data in oral and poster formats. LMU was represented by eight students from the Math and Sciences Biology Department, one student from Allied Health Science's Veterinary Health Science program, and one LMU College of Veterinary Medicine student. Five of the nine student presentations placed in their categories, sometimes placing over graduate students from other schools! We are so proud of the professionalism and success of our students. The students, research mentors, presentation titles, and presentation categories are listed on the next page with photos. Congratulations to all!

# LMU

## News from the School of Mathematics and Sciences



### Zoology – Oral Presentation

**Molly Ramsey** (BIOLP.BS) & **Ashley Taschner** (LMU CVM) – *Borrelia* spp.

detected in rodent spleens from the Cumberland Gap Area of TN, VA and KY (mentor: Dr. Barbara Shock)

**Emily Burke** (CBIO.BS) – Seasonality of questing ticks in Claiborne County, TN (mentor: Dr. Barbara Shock)

### Zoology – Poster Presentation

**Matilda Tate** (VHS) – Ixodid ticks associated with horses in eastern Tennessee (mentor: Dr. Barbara Shock)

### Microbiology – Oral Presentation

**Autumn Silva** (BIOL.BS) – Examining potential retrovirus diversity and prevalence in Mycetozoa (mentor: Dr. Barbara Shock) **Silva – 3<sup>rd</sup> place**

### Microbiology – Poster Presentation

**Madison Booker** (BIOL.BS) – Presence and diversity of Mycoviruses and Mimiviruses in Myxomycetes. (mentor: Dr. Barbara Shock)

### Ecology and Environmental Sciences – Oral Presentation

**Hunter Wyatt** (CBIOW.BS) – Estimating species richness using echolocation monitoring (mentor: Dr. LaRoy Brandt) **Wyatt – 3<sup>rd</sup> place (tie)**

**Justin Anderson-Woodard** (CBIOW.BS) – Monitoring the movement and burrowing behavior of endangered *Epioblasma brevidens*, the Cumberlandian combsheel mussel, in relation to rearing conditions and substrate type (mentor: Dr. Aggy Vanderpool)

**Anderson-Woodard – 3<sup>rd</sup> place (tie)**

**Jacob Lanning** (CBIOW.BS) – Burrowing success of endangered juvenile *Epioblasma capsaeformis* in relation to rearing conditions and substrate type (mentor: Dr. Aggy Vanderpool) **Lanning – 2<sup>nd</sup> place**

### Ecology and Environmental Sciences – Poster Presentation

**Hana Hess** (CBIOW.BS) – Identification of the presence of Eastern Hellbenders (*Cryptobranchus alleganiensis*) in the Powell River, TN utilizing environmental DNA detection methods. (mentor: Dr. Whitney Kistler) **Hess – 2<sup>nd</sup> place**





Dr. Shelley Salter

Salter, S. E., & Canfield, T. (2019, November). School counselor's role in recognizing ACEs and creating trauma informed schools. Lecture presented at the meeting of the Tennessee Counseling Association, Nashville, TN.

**ABSTRACT:** School counselors play an integral role in identifying students who have high Adverse Childhood Experiences (ACE) scores and have experienced trauma. Trauma increases student risk of poor school performance, behavior problems, and development of mental health issues. Dr. Salter shared with participants how to identify ACEs, characteristics of trauma informed schools, and how to take the lead in implementing these practices in their school.



Dr. Connie Theriot

England, C. T. (2019). [Test review of the SCERTS Model (The): A Comprehensive Educational Approach for Children with Autism Spectrum Disorders]. In J. F. Carlson, K. F. Geisinger, & J. L. Jonson (Eds.), *The twenty-first Mental Measurements Yearbook*. Retrieved from the Mental Measurements Yearbook and Tests in Print database.

#### DESCRIPTION OF ASSESSMENT

Provides a framework to directly address social communication and emotional regulation, the core challenges of Autism Spectrum Disorders (ASD). SCERTS focuses on building a child's capacity to communicate with a conventional, symbolic system from preverbal to conversational levels of communication. The acronym SCERTS represents three domains: social communication (SC), emotional regulation (ER), and transactional support (TS).



Dr. Joshua Tipton

#### NATIONAL PRESENTATIONS:

Tipton, J. C. (October, 2019). Beyond hand-turkeys and headdresses: Teacher perceptions and indigenous representation in the classroom. Lecture presented at the 53rd annual Kappa Delta Pi Convocation, Norfolk, VA.

**ABSTRACT:** Indigenous representation in the classroom is often nonexistent or relegated to the distant past. Examinations of current curricula and classroom practices reveal that a lack of Indigenous perspectives perpetuates historical misconceptions and racial stereotypes. Moreover, teacher perceptions of Indigenous representation influence student comprehension of the historical significance of Indigenous peoples and inhibits understanding of Native communities today. This presentation challenged educators to reflect upon the impact and implications of their perceptions toward Indigenous representation.

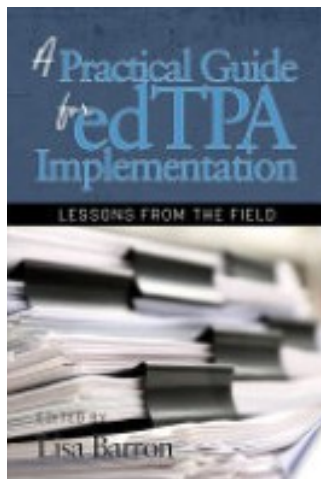
## News from the Carter and Moyers School of Education

Tipton, J.C., Hover, A., & True, C. (October, 2019). Take back the power: Educator empowerment and advocacy for educational equity. Lecture presented at the 53rd annual Kappa Delta Pi Convocation, Norfolk, VA.

**ABSTRACT:** Creating a more equitable future requires a commitment to change. Though teachers may not always perceive themselves to be change agents, advocating for change is a critical means of ensuring that every student experiences educational excellence and access to opportunity beyond the classroom. Presenters addressed various topics, from advocating for individual students, schools, and communities to harnessing the power of collective voices to transform educational policy and the future of education.

### NATIONAL PUBLICATION:

Hover, A., Carter, L., Tipton, J. C., Goodin, T., & Dillard, H. (2019). edTPA and problem-based learning: A pathway for teacher candidate success. In Lisa Barron (Ed.), *A Practical Guide for edTPA Implementation and Success*. Charlotte, NC: Information Age Publishing.



The Honors Scholars Program took its first-ever group trip this past February 20-23 to Charleston, South Carolina! There, students were prompted to explore and study the "City as Text" -- an experiential learning framework that asks participants to read about the place beforehand, visit sites and observe the lives of locals, and write reflectively about their discoveries. With some pre-trip readings and a lecture by Professor of History and Abraham Lincoln Historian, Dr. Charles Hubbard, the Honors Scholars used the theme "Decisions and Divisions" to focus their learning about the fractured Union and political events leading to the firing upon Fort Sumter, and later sailed there to see the fort's ruins. They visited other historical sites related to Lincoln and the Civil War, including a "Living History" event at Magnolia Plantation and the Slave Mart Museum downtown. Participants were planning to hold a panel presentation to share their journey and discoveries at LMU's Research Day in April.





LMU was very well represented by the Department of Literature and Language at the 2020 Humanities Education & Research Association's annual conference in Chicago earlier this month! Associate Professor of English, Dr. Tom Bragg mentored English majors Cierra Davis and Kelsi Gibson, and all three were selected to present individual papers on separate panels. Dr. Bragg discussed digital pedagogy for historical novels, showing how the new media can change readers' experience. The students' papers focused on literary texts; Cierra Davis questioned critical disagreement about Zora Neale Hurston's *Their Eyes Were Watching God*, and Kelsi Gibson examined misogyny in George Orwell's *1984*. Congratulations to all three for jobs well done!



The Honors Scholars Association presented LMU's first Medical Readers' Theater at DCOM on March 11th for medical students in the Certificate of Medical Humanities Program, as well as for undergraduates, faculty, and staff. Four HSA students played characters in a short piece called "Follow Your Heart," written by the late surgeon, Richard Selzer, MD. Through the characters' experiences, the play raises questions about emotional and spiritual repercussions and rewards of organ donation. The HSA performers are (L to R) Laura Everly, Heather Sexton, Sydney Noe, and Tabitha Roy. Thanks for a great performance, ladies!



## Recent Submissions and Awards

### Recent Grant Submissions:

Charles Faulkner and Dawn Spangler submitted proposals to PetSmart Charities.

Jason Johnson submitted a proposal to the Boehringer Ingelheim Veterinary Scholars Program.

Lila Combs submitted a proposal to the Department of Education for the Student Support Services grant.

Logan McCarthy submitted a proposal to HRSA for the Nurse Education, Practice Quality Retention Grant.

LaRoy Brandt submitted a grant to the National Science Foundation for the Biological Oceanography Grant.

Mary Anne Modrcin submitted a grant to HRSA for the Nurse Anesthetist Traineeship Program.

Katherine Fogelberg submitted a grant to USDA for the Higher Education Challenge Grants Program.

The Duncan School of Law submitted a grant to the East Tennessee Foundation.

Zachary Greene submitted proposals to the East Tennessee Foundation and South Arts.

Adam Gromley submitted a proposal to the East Tennessee Foundation.

Robin Susong submitted a proposal to the State of Tennessee for the High Visibility Grant Program.

Several students along with their faculty mentors submitted proposals to Appalachian College Association for the Ledford Scholars program:

Karen Gruszynski and student McKinley Burns

Barbara Shock and students Bethany Boggs and Matilda Tate

Ashleigh Thomas and students Laura Everly and Joseph Serrenho

Aggy Vanderpool and student Clayton Stanley

LaRoy Brandt and students Elizabeth Burke, Emma Cummings and Noah Canady

Noel Cawley and student Tyler Chitwood

### Recent Grant Awards:

PetSmart Charities

Boehringer Ingelheim Veterinary Scholars Program

The Arnold P. Gold Foundation

East Tennessee Foundation.

Olympus

The Knoxville Bar Foundation

DolCas Biotech, LLC

Virginia Tobacco Commission

Appalachian College Association.

Boehringer Ingelheim Animal Health USA

South Arts

## Contact information for grants:

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### **Melissa Miracle**

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### **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:

March 28, 2019  
April 25, 2019  
May 30, 2019  
June 27, 2019