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Spring 2019

Office of Research, Grants and Sponsored Programs Newsletter, Spring 2019

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

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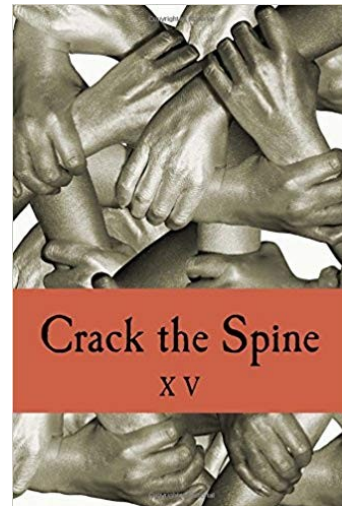


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Dean of Arts, Humanities, and Social Sciences, Dr. Martin Sellers, presented a paper at the annual American Society of Public Administration (ASPA) conference in Washington DC in March. The title of his paper was, "Public Finance and Business Finance – The Big Dance." The core of the paper was an examination of how differently the field of public administration teaches finance as compared to the field of business administration. University based Public Administration programs would do well to provide would-be administrators who will be working in public and non-profit programs with a deeper understanding of the business world, particularly with regard to investments and the efficient market system.

Associate Professor of English, Dr. Jacques Debrot recently had the short story, "Watchtower" accepted for publication by the literary journal *Crack the Spine*, below is an excerpt from the story.

At the start of Sid and Peanut's mission, NASA had attempted to keep the pair constantly occupied, checking and rechecking the readings flashing on the station's complex instrument panel, updating the onboard computers, and hustling Sid through endless and pointless-seeming experiments on flathead worms and slime molds. [. . .] Peanut, of course, was not anatomically equipped for human speech, but she and Sid chatted easily in Sign Language. Peanut's mother—purportedly, the "world's most intelligent ape"—had been a fluent signer herself and had signed to Peanut from the time she was an infant. *On Saturday, May 29, I was born*, Peanut had confided to Sid at their first meeting in a Houston restaurant just down the road from the Johnson Space Center, a spot popular with the entire astronaut gang. *The peanut is not a fruit, she'd continued. I am peanut. Cindy is a cat. Why? I can play piggyback. We will be friends.* Gaping at Sid with her bright, marble eyes, she held up an orange and green-striped smurfball. *This is my ball, OK? THIS is*, she signed, and then, suddenly shy, blushed violently, her face turning from pale yellow to chocolate purple.



Assistant Professor of Criminology and Criminal Justice, Wayne Davis and Assistant Professor of Foreign Languages, Mahdia Ben-Salem recently published two books.

Davis, W.L., & Ben-Salem, M. (2019). Common Types of Work for a U.S. Police Officer: In English and Spanish. (9781796027167)

Davis, W.L., & Ben-Salem, M. (2019). Common Types of Work for an American Police Officer: In English and French. (9781796029703)

News from the DeBusk College of Osteopathic Medicine

Dr. Stan Kunigelis

Professor of Medical Physiology and Director of the Imaging and Analysis Center, Dr. Stan Kunigelis was invited to present a major display of light and electron micrographs at the National Estuarine Research Reserve (NERR) in Apalachicola Florida. Dr. Kunigelis' ANERR presentation included over 400 micrographs and one video presentation that was on display from November 2018 through February 2019.

The presentation was co-authored by David Allio, a professional photographer, graphic artist, and adjunct professor of fine arts.

"The National Estuarine Research Reserve System is a network of 29 estuarine areas—places where freshwater from the land mixes with saltwater from the sea—established across the nation for long-term research, education, and coastal stewardship.

The reserves are a partnership between NOAA and the coastal states and territories. NOAA's Office for Coastal Management is responsible for administering the reserve system. Each reserve is managed on a day-to-day basis by a lead state agency or university, with input from local partners.

The mission of the reserves is to practice and promote coastal and estuarine stewardship through innovative research and education, using a system of protected areas. <https://oceanservice.noaa.gov/ecosystems/nerrs/>



Dr. Adam Gromley receives funding from East Tennessee Foundation

Associate Professor of Molecular/Cellular Biology, Dr. Adam Gromley received a grant from the East Tennessee Foundation's Butterfly Fund for his project, "Identify the Role of Centriolin in Rhabdomyosarcoma Development and Potential Future Therapies." This is the third grant Dr. Gromley has received from the Butterfly Fund.

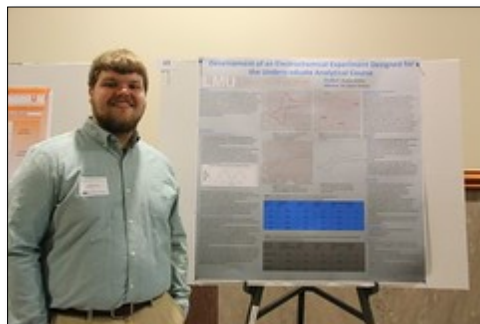
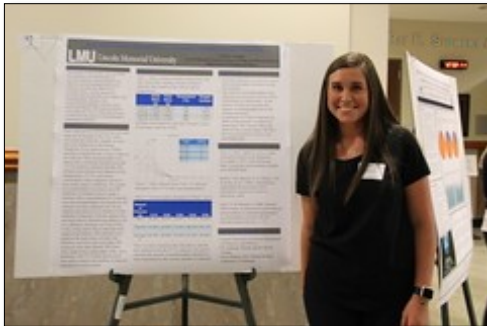
To learn more about the East Tennessee Foundation and their mission visit their website at www.easttennesseefoundation.org.

LMU Hosts Blue Ridge Undergraduate Research Conference

LMU hosted the 26th Annual Blue Ridge Undergraduate Research Conference on Friday, April 5, at the Hamilton Math and Natural Science Building.

Undergraduate students from LMU, Lee University, Bluefield College, Ohio Valley University, King University, Union College, Warren Wilson College and the University of Virginia at Wise participated in oral presentations and poster exhibitions covering arts, humanities, language, psychology and natural life sciences. The conference was open to any undergraduate student to present their creative or scholarly works.

LMU will be hosting the Blue Ridge Undergraduate Research Conference again in April 2020.

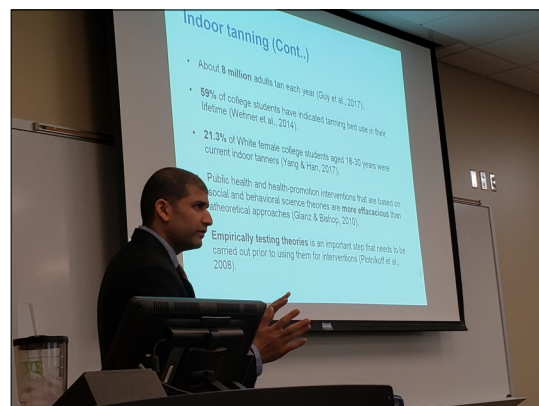
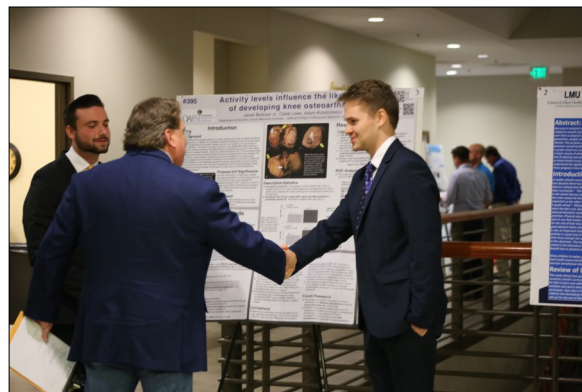
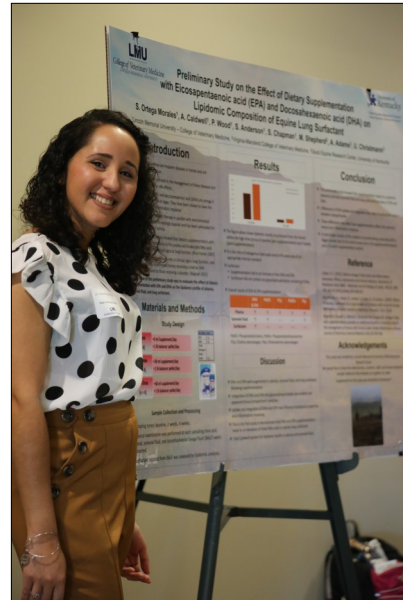


LMU Research Day

LMU hosted the Third Annual Research Day on Friday, April 12th in the Hamilton Math and Natural Science Building with 105 participants, 17 oral presentations and 58 poster presentations.

The winning presenters received award certificates of achievement at the LMU Student Awards and Recognition Program on April 16th.

Below are some photos from the day!





Assistant Professor of Education, Dr. Susan Wagner and LMU Cedar Bluff Librarian, Amanda Saunders, with materials Dr. Wagner purchased with the "Reading Improvement Grant" that she received from the Literacy Association of Tennessee.

Professor of Education, Dr. Patricia Murphree presenting in Savannah, GA at the Critical Questions in Education conference. Her lecture was titled, "How do institutions of higher education build teacher leaders?"



LMU Mini-Grants Awarded for 2019-2020

Recipients and project titles

Dr. LaRoy Brandt and co-investigator Dr. Richard Vogel for project, "Evaluating Student Experiences within Short-term, Field Courses in a Remote Area of Costa Rica."

Dr. Muthu Dharmasena for project, "Assessing the presence of pathogenic *Clostridium difficile* in raw milk, dairy products sold locally and made of raw milk."

Dr. Bonnie Price and co-investigators Dr. Karen Gruszynski and Dr. Barbara Shock for project, "Chytrid Fungus and Other Diseases of Herpetofauna in the Cumberland Gap Region of KY, TN and VA."

Dr. Kathryn Purple for project, "Behavior and survival of the avian protozoan parasite, *Trichomonas gallinae*, under environmental stressors."

Dr. Susan Wagner and co-investigator Dr. John McCook for project, "The Self-Directed Learning ratings of Preservice Teachers as Predictors for Program Achievement and Future Teacher Success."

The LMU Mini-Grants Program is intended to support and encourage scholarly activity at LMU. These grants are made available to assist junior faculty in building a portfolio or for veteran faculty who wish to initiate scholarly activities in a new area. The LMU Mini Grants committee evaluates proposals and makes recommendations to the Committee on Scholarly Activity (COSA).

Students visit Alcatraz East Museum in Pigeon Forge, TN

On April 27, 2019, students and staff from the Lincoln Memorial University Student Support Services program enjoyed a visit to the Alcatraz East Museum in Pigeon Forge, TN. Alcatraz East Museum, a crime museum featuring an in depth look at American Crime History, included artifacts from Alcatraz, but was not a Museum dedicated solely to Alcatraz. While there, students explored



American History from a different perspective while viewing five unique galleries burrowing deep into the studies of criminal intent, criminal profiles, the penal system, victims, crime prevention, forensic science, law enforcement and the Judiciary Branch of government. Through interactive exhibits and original artifacts, students learned about the different aspects of the law process, different branches of the government as well as forensic studies and crime scene investigation. After the museum, they enjoyed dinner together at CiCi's Pizza and a brief shopping excursion to Tanger Outlet Mall.

Recent Submissions and Awards

Submissions:

Dr. Adam Gromley submitted a proposal to the East Tennessee Foundation's Butterfly Fund.

Dr. Sherry Jimenez submitted a proposal to the American Association of Colleges of Medicine.

Mr. Cesar Gracia and Mrs. Robin Susong submitted a proposal to AAA for the Traffic Safety Grant and to the State of Tennessee High Visibility Grant Program.

Mr. Zachary Greene submitted a proposal to the East Tennessee Foundation's Hope in Action Fund.

Dr. Dawn Spangler submitted a proposal to PetSmart.

Dr. Mary Anne Modrcin submitted a proposal to the Health Resource Services Administration for the Nurse Anesthesia Training Grant.

Awards:

Dr. LaRoy Brandt and student Hunter Wyatt were awarded a Ledford Scholarship from the Appalachian College Association.

Dr. Whitney Kistler and student Hana Hess were awarded a Ledford Scholarship by the Appalachian College Association.

Dr. Barbara Shock and student Matilda Tate were awarded a Ledford Scholarship by the Appalachian College Association.

Dr. Aggy Vanderpool and students Jacob Lanning and Justin Anderson-Woodward were awarded Ledford Scholarships by the Appalachian College Association.

Dr. Sandra Weems and student Alisha Helton were awarded a Ledford Scholarship by the Appalachian College Association.

Mr. Zachary Greene was awarded a grant from the East Tennessee Foundation's Hope in Action Fund to support the JFWA's Mountain Fiesta event.

LMU received a grant from Enterprise Holdings to help support the Mountain Heritage Literary Festival.

Dr. Dawn Spangler received a grant from Johnson and Johnson.

Dr. Adam Gromley received a grant from the East Tennessee Foundation's Butterfly Fund for his project, "Identify the Role of Centriolin in Rhabdomyosarcoma Development and Potential Future Therapies."

CONGRATULATIONS!

News from around campus

Scholarly activity in 2019

Thompson, E. (2019, March). *Factors Associated with First Time Veterinary Technician National Examination Success*. (Doctoral Dissertation).

Burleson, R., (2019). Proceedings from American Council for Rural Special Education 2019: Supporting Provisionally Licensed Sped Teachers at a Distance: Teacher Education Program Design and Learning Template.

Cave, C. (2019, February). *Small steps lead to big success: Embedding edTPA throughout your program*. 2019 Association of Teacher Educators (ATE) Annual National Meeting. Atlanta, GA.

Cosgriff (2019, April) *How preservice teachers learn advocacy: In the volunteer advocacy project*. Poster session at the LMU Undergraduate Research Day.

Courtner, A. S. (January, 2019). BLIND REVIEW OF ARTICLE: Learning to become a scholar-practitioner through research experiences. *Journal of Student Affairs Research and Practice*. REVIEW DECISION: Accept.

Courtner, A. S. (January, 2019). BLIND REVIEW OF ARTICLE: Co-curricular learning at research universities: Results from the SERU survey. *Journal of Student Affairs Research and Practice*. REVIEW DECISION: Accept with revisions.

Courtner, A., & Gaines, C. B. (2019, March). *Sequential core curriculum to improve dissertation skills in a doctoral program*. Presented at the Critical Questions in Education Conference, Savannah, GA.

Flanagan, B. (2019, March). *Creating community, enhancing engagement, and fostering verbal expression through a video discussion platform*. Paper presented at the UDL-IRN (Universal Design for Learning—Implementation and Research Network) 6th International Summit, Orlando, FL.

Foster, K., Tiller, D., & Stewart, T. (2019, March). *Candidate support and success: Alleviating stress and building a strong sense of self-efficacy*. Information presented at the Educative Teacher Performance Assessment (edTPA) Southeast Regional Conference, Franklin, TN.

Foster, K., Jones, S., Lynch, S., & Bicknell, T. (2019, February). *Building mutually beneficial partnerships in rural communities*. Information presented at the American Association of Colleges for Teacher Education (AACTE) 71st annual meeting, Louisville, KY.

Gaines, C. B. (Ed.). (2019). *Leadership for school improvement: Reflection and renewal*. Charlotte, NC: Information Age Publishers.

Gaines, C. B. (2019). An historical evolution of school improvement. In C. B. Gaines (Ed.), *Leadership for school improvement: Reflection and renewal* (pp. 1-18). Charlotte, NC: Information Age Publishers.

Gaines, C. B. (2019). Introduction: Evolution of school improvement: Reflection and renewal. In C. B. Gaines (Ed.), *Leadership for school improvement: Reflection and renewal* (pp. ix-xiii). Charlotte, NC: Information Age Publishers.

Gaines, C. B. (2019). School leadership renewal. In C. B. Gaines (Ed.), *Leadership for school improvement: Reflection and renewal* (pp. 117-126). Charlotte, NC: Information Age Publishers.

News from around campus

Scholarly activity in 2019

Gaines, C. B. (2019, April). *Teacher leadership in rural middle schools*. Lecture presented at the LMU Third Annual Research Day, Harrogate, TN.

Gaines, C. B. & Courtner, A. (2019, April). *Sequential core curriculum to improve dissertation skills in a doctoral program*. Lecture presented at the LMU Third Annual Research Day, Harrogate, TN.

Gaines, C. B. (2019, March). *Teacher leadership in rural middle schools*. Presented at the Critical Questions in Education Conference, Savannah, GA.

McCook, J. E. (2019, February). Independent educational evaluations under the individuals with disabilities education improvement act (IDEIA): A right misunderstood by school districts and private evaluators. In T. Remley (Chair), *Law and ethics in counseling conference 2019*. Symposium conducted at Bourbon Orleans Hotel, New Orleans, LA.

Murphree, P. G. (2018, September). *Integrating creative practice into standards-based Instruction*. Interactive lecture presented at the Appalachian College Association Summit Meeting, Kingsport, TN.

Murphree, P. G. (2019, March). *How do institutions of higher education build teacher leaders?* Interactive lecture presented at the Critical Questions in Education Conference, Savannah, GA.

Stanley, A. (February, 2019). *Classroom climate and social emotional learning*. Presented at Annoor Academy, Knoxville, TN.

Stanley, A. (February, 2019). *Effective instructional strategies in the higher education classroom*. International Symposium on Language, Linguistics, Literature, and Education.

Carroll, D. & Theriot, C. (2019, February). *FERPA and HIPAA: How they apply to counselor supervision*. Lecture presented at the annual Law and Ethics in Counseling Conference, New Orleans, LA.

Theriot, C. T., & McCook, J. E. (2019, February). A cautionary tale: Gatekeeping-ethical and legal concerns for counselor supervisors. In T. Remley (Chair), *Law and ethics in counseling conference 2019*. Symposium conducted at Law and ethics in counseling conference 2019, New Orleans, LA.

Wagner, S. R. (2019) *Using cooperative models to enhance student learning*. The 10th Annual Transforming Teaching and Learning Environment, presentation for virtual conference hosted by the University of Idaho, February 4-15, 2019.

Wagner, S. R. & McCook J. (2019, April). *Self-Directed learning of pre-service teacher candidates and correlation to edTPA, Praxis, and teaching performance*. Lecture presented at the meeting of Lincoln Memorial University Research Day, Harrogate, TN.

Wagner S. R. (2019, April). *Working together: Designing cooperative learning instruction for student engagement and discussion*. Lecture presented at the Innovative Teaching and Learning Conference, The University of TN at Knoxville, TN.

Weems, S., Bragg, T. (2019, January). *Emotions, History, Culture, Society*. The Great War Poets and the Campaign for Empathy.

News from around campus

Scholarly activity in 2019

Thrush, MaryAnn (2019). Book Review: Church, W. T., & Springer, D. W. (Eds.) (2018). *Serving the stigmatized: Working within the incarcerated environment*, Journal of Social Work Values and Ethics, Vol. 16, No. 1 New York, NY: Oxford University Press.

Paris, Kay, Association for Baccalaureate Social Work Program Directors Annual Conference on "Embracing the Contemporary Call for Social Justice," March 14-17, 2019, Jacksonville, FL.

Neilson, Joanna. "Nineteenth-Century Constitutions: A Teaching Guide." World History Connected 16.1 (February 2019). <http://worldhistoryconnected.press.uiillinois.edu/16.1/neilson.html>. Last accessed 08 April 2019.

Salata, Debra. "The Catalan Saffron Trade and its Economic Connection between Rural Catalonia and Urban Montpellier in the Fourteenth Century," presented May 11, 2019, at the 54th International Congress on Medieval Studies, held May 9-12, 2019, Western Michigan University, Kalamazoo, MI.

Debrot, Jacque, Short story "The Cattle Mutilations" published by the literary journal the *Fanzine* (2019).

Debrot, Jacque, Short story "Watchtower" accepted for publication by the literary journal *Crack the Spine* (forthcoming 2019).

Gee, Charlie. "Golden Age, Era of Decline, or Both? Producing Professional Media in Changing Times." (2019). Panel session at Broadcast Education Association Conference, April 9, Las Vegas, NV.

Gee, Charlie. "Where In the World Would You Like to Teach Journalism?" (2019). Panel session at Broadcast Education Association Conference, April 9, Las Vegas, NV.

Gee, Charlie. "The Science of Fake News." (2019). UT Science Forum. University of Tennessee-Knoxville, February 8, Knoxville, TN.

2019, "Ansiedad y Pertenencia (Anxiety and Belonging): Latinx, Tennessee and the World", Co-curators Dr. Felipe De Oliveira Fiuza and Karlota Contreras-Koterbay, Slocumb Galleries, East Tennessee State University, Johnson City, TN.

McCroskey, D. (2019). Comforting comes full circle. *Journal of Christian Nursing*, 36(2), 93-95.

Odle, C. (2019). Emotional support for a colleague after a perioperative critical incident. *AANA NewsBulletin*. 73(2), 28-30.

Pullen, L., Darby, J, Hill, K., McAfee, J., Borum, E., O'Reilly, K, Fugate, S. (2019). The efficacy of opioid substitution treatments for patients with opioid dependence. Accepted, pending revisions, *Journal of Psychiatric and Mental Health Nursing*.

Brantley, J., Clemons, L., Marshall, S., Zimmerman, J., & Pullen, L. (2019). *Effective alternatives to opioid treatment: Evaluating conservative and mental health interventions*. Accepted for Sigma Theta Tau Conference, Morristown, TN. (April 5, 2019).

Lingerfelt, C. (2019) *Healthcare needs of incarcerated pregnant women with substance use disorder: An integrative review of literature*. Accepted for Sigma Theta Tau Conference, Morristown, TN. (April 5, 2019).

News from around campus

Scholarly activity in 2019

Collins, C., Grove, E., Shepard, A. & Pullen, L. (2019). *A comparison of harm reduction verses abstinence models: A review of the literature*. Accepted for Sigma Theta Tau Conference, Morristown, TN. (April 5, 2019).

Darby, J, Hill, K., McAfee, J., Borum, E., O'Reilly, K, Fugate, S. & Pullen, L. (2019). *The efficacy of opioid substitution treatments for patients with opioid dependence*. Accepted for LMU Research Day (April 12, 2019).

McCarthy, L., & Pullen, L. (2019). *Risk factors leading to increased rehospitalization rates among adolescents admitted to an acute care child and adolescent psychiatric hospital*. Accepted for presentation at LMU Research Day. (April 12, 2019).

McCollum, L., Jones, D., Leon, V., Oliver, S., & Pullen, L. (2019). *Fall prevention interventions and the effects on the elderly. A review of effective fall preventions and interventions*. Accepted for LMU Research Day (April 12, 2019).

Wells, K., Dunham, S., Walker, S., Simpson, T., Hall, L. & Pullen, L. (2019). *Psychological effects of negative pressure wound therapy*. Submitted for Annual Conference for American Psychiatric Nurses Association (APNA) (Oct. 2019). Notification of acceptance is April 9, 2019.

Christmann, U, Hite, RD, Witonsky, SG, Maxwell, V, Wood, PL. (2019). Evaluation of lipid markers in surfactant obtained from asthmatic horses exposed to hay. *American Journal of Veterinary Research*. 80. 300-305. 10.2460/ajvr.80.3.300.

Dascanio, JD, Roberson, J, Pfent, C, Vinayak, N, Arauz, M & Alexander, K, Roberts, B, Cope, DA, Bridger, R, Botsko, D. (2019). The prevalence of ultrasonographic abnormalities and histopathologic lesions is high in testes of yearling tropical hair rams. *Veterinary Radiology & Ultrasound*. 10.1111/vru.12728.

Fels, A. *Supreme Court Overrules Sixth Circuit to Restore Tennessee Aggravated Burglary as an ACCA Predicate Offense*, Dicta at 15 Feb. 2019 at 15.

Long, A. *A Short & Happy Guide to Advanced Legal Research* (West Academic forthcoming 2019).

Lyon, M. *The Trump Administration's Response to the Blockchain Era*, 70 Mercer L. Rev. (2019).

Lyon, M. *Split Decision on Arbitration for U.S. Supreme Court in 2019 (So Far)*, DICTA (Legal Update) (April 2019).

Wade, G. Jan/Feb 2019 Cityview Magazine, Jurisprudence: 240 Years and Counting

Wade, G. *They Called Him Chief*, The Mountain Press (February 24, 2019).

Wade, G. Mar/Apr 2019 Cityview Magazine, Jurisprudence: Something About Mary.

Heinan M. (in press). HEENT. In: Auth, PC Ed. *Physician Assistant Review*, 5th Edition. Philadelphia, PA: Lippincott Williams & Wilkins.

Thompson, G. ENT for the Primary Care Workshop, Faculty Mentor. March 2019; Knoxville, TN.

News from around campus

Scholarly activity in 2019

Taylor G. Beckmann, Michelle M. Donohue, John E. Cebak, Maircia Cristina Fernandes Messias, Laura Credido, Ciajudio Saddy Rodrigues Coy, Patraacia de Oliveira Carvalho, Sara Crotti, Sara D'Aronico, Emanuele D. L. Urso, Marco Agostini, Paul L. Wood. Reduced Serum Levels of Very-Long-Chain Dicarboxylic Acids in Italian and Brazilian Colorectal Cancer Patient Cohorts. 2019 COSGP Winter Symposium, Dallas-Fort Worth, TX, Jan 18, 2019.

Dudzik B, Donohue M, Beckmann T, Jantz L, Hauther K, Wood P. Using High Resolution Mass Spectrometry Analysis to Investigate Trabecular Bone Metabolomics for Postmortem Interval (PMI) Estimation. American Academy of Forensic Sciences 71st Annual Scientific Meeting February 18-23, 2019, in Baltimore, MD.

Andrew Woods, Grant Allbritten, Allison Yow. Hamstring Strain Secondary to Right Innominate Superior Shear. American Academy of Osteopathy (AAO) Convocation, Orlando, FL, March 13-17, 2019.

Grant Allbritten, Andrew Woods, Allison Yow. Hamstring Strain Secondary to Right Innominate Superior Shear: A Case Report. AOCPMR MidYear Meeting, Chicago IL, March 20-24, 2019.

Shannon Strader "Not Just a Christmas Special: Nutcracker Syndrome" The Society of Interventional Radiologists Annual Meeting, Austin, TX March 23-28, 2019.

Randall Reagan, Karen Gruszynski "Viral Illnesses and Drug Related Data in Appalachian States" The Consortium of Universities for Global Health Annual Meeting, Chicago, IL March 8-10, 2019.

James Dolbow, Kenneth Troxclair, David Dolbow, Bizu Gelaye, Daniel Credeur, Lee Stoner. The Effects of Physical Exercise on Depression for Individuals with TBI: A Comparison with Non-TBI Severe Central Nervous System Injury. 13th annual International Congress on Brain Injury. Toronto, Canada March 13-16, 2019.

Dudzik B, Donohue M, Beckmann T, Jantz L, Hauther K, Moran K, Wood P. Bones and Burials in Philadelphia: The Arch Street Project's Multidisciplinary Research. The Society for American Archaeology 84th Annual Meeting. April 2019, Albuquerque, New Mexico.

Jesus Roberto Salas, Alexander Garcia, Vancy Zora, Sean Dornbush, Zeynep Gromley, Adam Gromley. Interaction Between Centrosomal Protein Centriolin and HECTD1 an E3 Ubiquitin Ligase in Cervical Adenocarcinoma Cells. Experimental Biology Annual Meeting, Orlando, FL April 6-9, 2019.

Kenneth Trzil, JooHee Kim, Jonathan Leo, Richard Gillespie, Sherry Jimenez "Addressing the Opioid Epidemic: A Control Drug Misuse Symposium for Health Professions Students" The AACOM Annual Educating Leaders Conference, Washington DC, April 10-12, 2019.

Sherry Jimenez "IPEC Competencies and EPA 9 Focused Interprofessional Collaborative Practice Journaling on Rotation" The AACOM Annual Educating Leaders Conference, Washington DC, April 10-12, 2019.

News from around campus

Scholarly activity in 2019

Lewis, D., & Layne, K. (2019, April). Exploring the evaluation and treatment of scapular dyskinesis and shoulder dysfunction: Assessing the impact on occupational performance. Poster session at the meeting of the American Occupational Therapy Association, New Orleans, LA.

Aaron Kuzel, Mustafa Rahim. "Beer Potomania"- A Syndrome of Severe Hyponatremia with Unique Pathophysiology: Case Studies and Literature Review. TOMA 2019 Annual Meeting, Chattanooga, TN, April 25-28, 2019.

Bednarz J, Lowe C, Kolatorowicz A. Activity Level Influences the Likelihood of Developing Knee Osteoarthritis. The Annual Osteoarthritis Research Society International World Congress on Osteoarthritis, Toronto, Canada May 2-5, 2019.

Mandy Alhajj, Vinayak Nahar, Adam Gromley. Pemphigus and Pemphigoid Pre-Symptom Lifestyle Survey: An Attempt to Identify Potential Epigenetic Factors in Auto-immune Bullous Dermatoses. Society of General Internal Medicine Annual Meeting, Washington DC May 8-11, 2019.

Yonts, R.C.; Noe, S.; Jimenez, S.; Cope, A "A Clinical Reasoning Activity to Foster Inter-professional Collaborative Practice in DO and PA Students" The AACOM Annual Educating Leaders Conference, Washington DC, April 10-12, 2019.

Gina Zulantz "Teaching Empathic Communication Techniques in an Interprofessional Setting" The AACOM Annual Educating Leaders Conference, Washington DC, April 10-12, 2019.

Anita Airee, Rebecca Bowden, Sherry Jimenez, Melissa Day, Tyron Burkett, Jeremy Buchanan "Longitudinal modeling of interprofessional collaboration and conflict management" The AACOM Annual Educating Leaders Conference, Washington DC, April 10-12, 2019.

Zeynep Gromley, Emine Ercikan Abali, Douglas Spicer, Tina Cowan, Tracy Fulton, Kathryn Thompson, Janet Lindsley, Jonathan S. Erdman "Impact of the Pathways of Human Metabolism map on students' perceptions of learning biochemistry: Experiences across various schools" Panel discussion, The Association of Biochemistry Educators Meeting, Tucson, AZ May 5-9, 2019.

Chinelo Agwuncha, Zeynep Gromley, Vinayak Nahar, Adam Gromley. Effectiveness of Metabolic Map in Medical Biochemistry Education. International Association of Medical Science Educators Annual Meeting, Roanoke, VA June 8-11, 2019 *Selected for oral presentation.

Sharma M, Stephens PM, Nahar VK, Catalano HP, Lingam VC, Ford MA. Using a Multi-theory Model to Predict Initiation and Sustenance of Fruit and Vegetable Consumption Among College Students. J Am Osteopath Assoc. 2018 Aug 1;118(8):507-517. doi: 10.7556/jaoa.2018.119.

Pagoto SL, Nahar VK, Frisard C, Conroy DE, Lemon SC, Oleski J, Hillhouse J. A Comparison of Tanning Habits Among Gym Tanners and Other Tanners. JAMA Dermatol. 2018 Sep 1;154(9):1090-1091. doi: 10.1001/jamadermatol.2018.1779.

News from around campus

Scholarly activity in 2019

Jason K. Hughes, Angela Allen, Tim McLane, Jessica L. Stewart, Vahé Heboyan, Gianluca De Leo. Interprofessional Education Among Occupational Therapy Programs: Faculty Perceptions of Challenges and Opportunities. *American Journal of Occupational Therapy*, 01 2019, Vol. 73, 7301345010p1-7301345010p6. doi:10.5014/ajot.2019.030304.

Brian Martin, Benjamin Williamson, Vinayak K. Nahar, Karen Gruszynski, Manoj Sharma, and Jason W. Johnson. Qualitative Case Study of Public Health Preparedness and Response to the Rabid Raccoon Discovered in Wise County, Virginia. *Journal of Veterinary Medicine* Volume 2019, Article ID 5734590.

Hailey E. Grubbs, Chris W. Robb. Successful use of a fractional 2940-nm laser in treating chronic, severe erosive pustular dermatosis of the scalp. *Journal of the American Academy of Dermatology* February 2019 Volume 5, Issue 2, Pages 188–190.

Dascanio J, Roberson J, Pfent C, Nahar VK, Arauz M, Alexander K, Roberts B, Cope DA, Bridger R, Botsko D. The prevalence of ultrasonographic abnormalities and histopathologic lesions is high in testes of yearling tropical hair rams. *Vet Radiol Ultrasound*. 2019 Mar 11.

James D. Dolbow, Hau Ly, Nicholas Elwert, and John Gassler. Effects of Exercise Environment and Protocol Intensity on the Efficacy of Rehabilitation Care for Patients with Huntington's Disease: A Comprehensive Review. *International Journal of Exercise Science*. 12(3): 456-470, 2019.

Bass, M. A., Sharma, A., Nahar, V. K., Chelf, S., Zeller, B., Pham, L., & Ford, M. A. (In Press). Bone Mineral Density and Its Correlates in Women and Men Ages 35 to 50 Years. *The Journal of the American Osteopathic Association*.

Nahar, V. K., Wilkerson, A. H., Stephens, P. M., Kim, R. W., & Sharma, M. (In Press). Testing Multi-Theory Model (MTM) in Predicting Initiation and Sustenance of Physical Activity Behavior among Osteopathic Medical Students. *The Journal of the American Osteopathic Association*.

Nahar, V. K., Wilkerson, A. H., Patel, F. C., Kim, R. W., Stephens, P. M., & Sharma, M. (In Press). Utilizing Multi-Theory Model (MTM) in Determining Intentions to Smoking Cessation among Smokers. *Tobacco Use Insights*.

Giancarlo A. Cuadra, Maxwell Smith, John M. Nelson, Emma Loh, Dominic Palazzolo. Effects of flavorless electronic cigarette aerosol on the survival and growth of common oral commensal streptococci. Preprint posted to bioRxiv Jan 24, 2019.

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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:

May 30, 2019
June 27, 2019
July 25, 2019
August 22, 2019