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Summer 2017

Office of Research, Grants and Sponsored Programs Newsletter, Summer 2017

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

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Adam Gromley



Assistant Professor of Molecular/Cellular Biology, Adam Gromley was recently awarded a grant from The Butterfly Fund of East Tennessee Foundation for research in pediatric cancer. The grant will be used specifically to identify the role the centrosome plays in the development of the rare pediatric cancer rhabdomyosarcoma (RMS). "We will use rhabdomyosarcoma cells in culture to determine if specific centrosome proteins contribute to the unregulated cell divisions that are characteristic of this type of cancer," Gromley said. "These studies will help us understand the process by which tumors form, and hopefully this will lead to the discovery of novel therapeutic strategies for combating this disease."

The Butterfly Fund of East Tennessee Foundation is a charity based in Knoxville, Tennessee, and was established by the families of two young girls who were diagnosed with rhabdomyosarcoma. This fund supports research, treatment and services dedicated to the defeat of childhood cancers.

Assistant Professor of Anatomy, DCOM, Beatrix Dudzik recently co-authored the article, "A Decision Tree



for Nonmetric Sex Assessment from the Skull" in the *Journal of Forensic Sciences*. The article was co-authored by former faculty member Natalie Langley and current second year medical student, Alesia Cloutier.

Langley, N.R., Dudzik, B. and Cloutier, A. (2017), A Decision Tree for Nonmetric Sex Assessment from the Skull. *J Forensic Sci.* doi:10.1111/1556-4029.13534

Fulbright Scholar Program

On April 20, 2017, Dr. Angeles De Leon presented a lecture titled, *Ethnomycological Research in the Philippines: Preserving the Cultural Heritage of the Indigenous People*, at the Hamilton Math and Science Building. Dr. De Leon is an Associate Professor in the Department of Biological Sciences, College of Arts and Sciences in Central Luzon State University in the Philippines. She is currently a recipient of the Fulbright-Philippines Agriculture Advanced Research Grant.

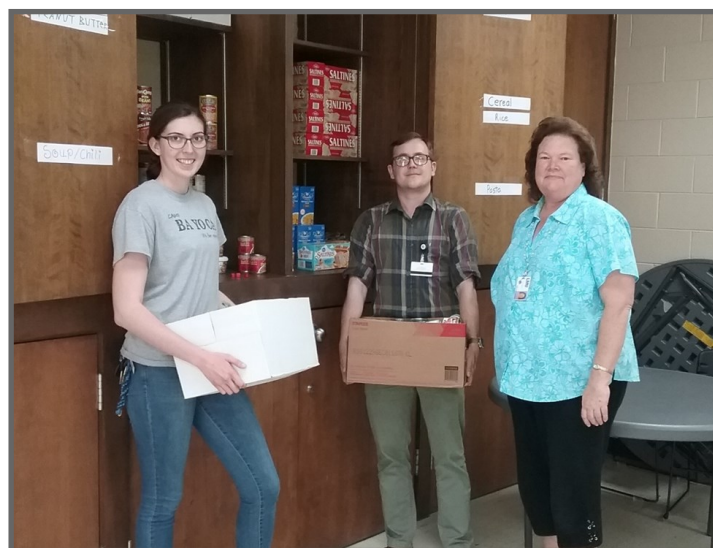
News from Student Support Services

Lila Combs, Director



On April 8, 2017, students and staff from the Lincoln Memorial University Student Support Services program enjoyed a visit to Dollywood in Pigeon Forge, Tennessee. While there, students had an opportunity to participate in the Festival of Nations Celebration allowing them to observe performances from Africa, Poland, Ecuador, Ireland, Switzerland, and Scotland.

The Student Support Services Program serves 165 qualifying students on the campus of Lincoln Memorial University and 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.



Representing the Student Support Services Program, Lila Combs, Director, recently presented LMU's Lincoln Cupboard with a canned food donation, SSS students who recently attended Dollywood's Festival of Nations donated five canned items each.

Brandon Lutterman

Assistant Professor of Visual Art and Program Director, Brandon Lutterman is currently exhibiting at the McKinney Art Center in Jonesborough, TN. He received a third place award on his sculpture, "Save the Rhino."



Lutterman was also selected to send artworks to the Huntsville Museum of Art for on-site jurying of the 2017 Red Clay Survey. The competition for this year's version of the show was characteristically stiff. Over 1,500 entries were submitted, from which juror Gerry Bergstein selected 105 works by 72 artists for the second stage of jurying. The show was then refined to 81 works by 53 artists. The awards ceremony and preview reception was held on Saturday, July 8th from 6:30 to 8:30. Brandon's piece, "All Eyes Are On You", (pictured below) 2014 was selected for the event. Lutterman was just recently notified that he received a Merit Award for his work at Red Clay Survey. Congratulations!



News from LMU Athletics

Ms. Erica Dalton, a May 2017 graduate of Lincoln Memorial University, majoring in Athletic Training, along with Assistant Professor and Department Chair in Athletic Training, Dr. Ben Velasquez recently published an article. The article is titled, "Cupping Therapy: An Alternative Method of Treating Pain" and was published in the July edition of *Public Health Open Journal*. The article provides a review of current and past trends regarding cupping therapy for the treatment of pain and other musculoskeletal conditions.

<http://openventio.org/Volume2-Issue2/Cupping-Therapy-An-Alternative-Method-of-Treating-Pain-PHOJ-2-122.pdf>

Dr. Velasquez also had an editorial/article titled, "Monitoring of Core Body Temperature During Exertional Heat Illness Emergencies" published in *Sports and Exercise Medicine Open Journal*, July 26, 2017. The article addresses the need for athletic trainers, who are licensed health-care professionals, to conduct rectal temperature assessments as part of an exertional heat illness emergency care.

<http://openventio.org/Volume3-Issue3/Monitoring-of-Core-Body-Temperature-During-Exertional-Heat-Illnesses-Emergencies-SEMOJ-3-e003.pdf>



Michael Giles and Rachel Boillot

Assistant Professor of Visual Art, Michael Giles participated in two exhibitions this summer. "One Hundred", is a solo exhibition of new paintings on display at Channel to Channel Gallery in Nashville, TN. The exhibit was held May 12th—June 22nd.

Giles also had two paintings in the Dogwood Arts Regional Arts exhibition at the Dogwood Art Gallery in Knoxville, TN. This exhibit ran from June 3rd—30th.

The girl sitting, signaled and took advantage of the confusion.
Oil on canvas
40" x 30"



Adjunct Art Instructor, Rachel Boillot has a new art exhibit titled, "Down the Valley". The first part of the project was new programming at the recently held White Lightning Trail Festival. Boillot received a grant from the National Endowment of the Arts (NEA) and the Tennessee Arts Commission (TAC) to help fund the project. The funds helped to revamp the festival with traditional folk life programming. The second phase of the project is a series of documentaries Boillot is producing and directing. Production work is almost finished, she is working to produce six different films with eighteen different local characters. All of the films showcase traditional arts and music from this area. The final leg of the project is helping to connect LMU art students with local crafters. Boillot created a series of apprenticeships between the students and the crafters so the students could, along with learning the fine arts, also learn to make brooms, baskets and quilts. Boillot said it's been really powerful for both the students and the people in the community.



News from the Abraham Lincoln Library and Museum

Museum Education Coordinator and Research Intern

Natalie Sweet has recently been named the Museum Education Coordinator for the Abraham Lincoln Library and Museum. Natalie graduated as Valedictorian of the 2008 Lincoln Memorial University spring class. She also previously served as a research fellow at the Abraham Lincoln Institute for the Study of Leadership and Public Policy as well as an adjunct in the history department. In 2007, she was named a History Scholar Finalist in the Gilder Lehrman Institute of American History's History Scholar Program and was a past recipient of the James Still Fellowship at the University of Kentucky, where she received her MA in history in 2010. In 2012, she was awarded a research fellowship from the White House Historical Association to study the domestic staff that worked in the Lincoln White House. Her written work includes *Images of America: Harrogate and Cumberland Gap* for Arcadia Press and an article in *Lincoln, the Law, and Presidential Leadership* for Southern Illinois University Press. Other written work has appeared in *The Journal of the Abraham Lincoln Association* and *The Lincoln Herald*, the latter for which she also serves as the book review editor.



Dedra Irwin has been named a Research Intern for the Dr. Robert L. Kincaid Endowed Research Center at the Abraham Lincoln Library and Museum. Dedra is a Conservation Major at LMU. She is also the former president of the Wildlife Society. When not at school, Dedra enjoys spending time with her family, especially Turtle, her red tick hound dog. She enjoys hiking, fishing, and hunting. She often visits parks and explores much of their natural habitats. Dedra stays in close contact with her hometown of Lobelville, Tennessee. Several times a year, Dedra visits the elementary school and teaches students about wildlife and conservation. Children are very important to Dedra and she understands how important a good education is. Dedra is currently involved with *Save The Children Action Network* where she speaks to Congressmen and Senators to help promote Head Start Programs and early childhood education. Her work now at the Abraham Lincoln Library and Museum includes looking at a set of books named, the Evangelical Family Library. This set of books is a compilation of writing from the late 18th Century. The goal is to see if there is any political or cultural teachings in these books to young people of the 1830's.



Recent Submissions and Awards

Submissions:

Gilbert Patterson submitted 4 grants to the USDA National Institute of Food and Agriculture.

Rick Stowe has submitted a request to the North Face Foundation for support of the High Adventure Series.

Darnell Arnoult has submitted a request to the East Tennessee Foundation's Youth Endowment fund to support the Appalachian Young Writer's Workshop.

Darnell has also submitted a request to South Arts for support of visiting authors during the Appalachian Reading Series.

Natalie Sweet submitted an application to Humanities TN for support of a project illustrating the value and responsibilities of citizenship.

Patricia Stubenberg submitted an application to Olympus to support continuing medical education.

Undine Christmann submitted a proposal to the Morris Animal Foundation.

Rick Slaven submitted a request to the Arnold P. Gold Foundation.

Awards:

Adam Gromley was awarded a grant from the East Tennessee Foundation's Butterfly Fund to underwrite pediatric cancer research.

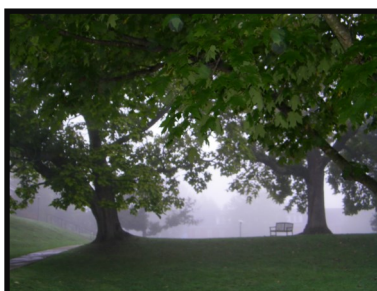
Rick Stowe was awarded a grant from Enterprise Holdings to support the High Adventure Series.

Jeff Phillips was awarded a grant from Merial for canine research.

Four LMU students have been awarded Colonel B. Ledford Awards from the Appalachian College Association. Maggie Singleton and Victoria Long with faculty mentor Aggy Vanderpool; Justine Jusack with faculty mentor LaRoy Brandt and Courtney Leatherwood with faculty mentor Ashleigh Prince. These students will complete their research projects and present at the ACA Student Summit in October 2017.

Stacy Anderson received an award from DeRoyal to study equine wounds.

Mary Anne Modrcin received a HRSA Nurse Anesthetist Traineeship Grant.



CONGRATULATIONS!

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Reminder from the LMU Institutional Review Board

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. Thank you!