



COMMUNITY LINC

Spring 2012 • Volume 5 Number 1 – A publication for the LMU-DCOM family

LMU-DCOM Students and Faculty Spend Holiday Break on Medical Mission

Editor's note: LMU-DCOM students and faculty, organized by the Student Osteopathic Medical Association (SOMA), returned to Haiti and the Dominican Republic in December 2011 to conduct their third medical mission trip in two years. The following is a first-hand account of the experience from Anastasia Kurta, Class of 2014 and some of her classmates.

We worked with the Chadasha Foundation, located in Jimaní, Dominican Republic, very near to the Haitian border. Our medical team was composed of **Dr. John Williamson**,

assistant professor and chair of OB/GYN and director of international medicine;

Dr. Warren Wisnoff, assistant professor and chair of internal medicine;

Dr. David Ranz; medical students; and some of their family members.

On our first day, we traveled to Po Plume (Batey 41), where Chadasha has a school and church ministry; we also partnered with a church in Fonds Parisean,

Haiti, for a medical clinic, and went to El Mantial and Los Guineos, two Dominican rural communities in the mountains surrounding Jimaní.

We treated conditions such as hypertension, diabetes and fungal/bacterial skin infections; provided wound debridement; performed ultrasounds on pregnant women; and provided pediatric antipyretics and antibiotics to help manage common bacterial infections. Everyone who went on the trip helped with collection of medicine and supplies, but a large portion of it was donated by CrossLink International, a non-profit, Christian ministry that provides medical humanitarian aid and equips medical mission teams, local free clinics and mission hospitals with customized orders

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COMMUNITY LINC is dedicated to being the link between faculty, students and the greater community. Just as the musculoskeletal system is the core of wellness for the body, communication is the core of wellness for the community.

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Amy Drittler
 Director of Marketing and
 Public Relations for Health Sciences
 Editor, COMMunity Linc

A Message from the Dean



2012 is already proving to be an exciting year. LMU-DCOM is expanding.

With the opening of the Math and Science Building on the LMU main campus this year, we will have almost 50% more space available to us for LMU-DCOM student instruction. In particular, our incoming first-year class will have the opportunity to study anatomy in a new lab that is four times the size of the existing lab. We have more talented faculty and staff coming on board in the next year to compliment the dedicated team we already have in place. Finally, we have worked tirelessly with hospitals throughout the region to establish as many as 500 new osteopathic residency spots that will be available to resident physicians in the coming years.

As a result, in December 2011, LMU-DCOM received approval from the American Osteopathic Association (AOA) Commission on Osteopathic College Accreditation (COCA) to increase its incoming class size from 150 students to 225 students beginning with the enrollment of the Class of 2016. There will be 75 more osteopathic physicians in training seated at our table when the Class of 2016 begins its orientation this summer.

The class size increase is an important tool in aiding LMU-DCOM to meet its mission. Every year, tens of thousands of qualified medical school applicants are not invited to join a medical school class simply because there are not enough spots. At LMU-DCOM alone, our applications are up approximately 16% for the current application cycle. That is the most growth in applications of any college of osteopathic medicine in the United States. For those that do enter medical school, where they receive their training becomes a key component to deciding where they will set up their practice. For a region like ours, where the health care needs are great but the opportunities for medical education and medical residency placement can be limited, this becomes a dangerous equation.

On a much more personal note, 2012 will be a year of both great joy and great challenge for me as I step into the role of president of the American Osteopathic Association in July. I have enjoyed my work as AOA president-elect this past year and am excited to represent my profession so publicly in the next year. During my presidential year, I will be temporarily stepping down from my duties as dean of LMU-DCOM. Beginning in July 2012, **Dr. Michael Wieting**, assistant vice president of program development and dean of clinical medicine, will be stepping in as interim dean of LMU-DCOM. Dr. Wieting has vast experience in osteopathic medical education, and I know he will be up for the task at hand. I will continue in my role as LMU's vice president for health sciences to help shepherd all of our health professions programs through the next year.

LMU-DCOM has come so far in such a short amount of time. Once the dream of our namesake, **Dr. Autry O.V. "Pete" DeBusk**, the school is now a thriving, fully-accredited institution with one of the largest medical student bodies in the state of Tennessee. We have added the Physician Assistant Program, the DO-MBA Program, the Post-Baccalaureate Medical Scholars Program and have plans for more exciting ventures on the horizon. Our clinical partner institutions and precepting physicians provide invaluable experiences and opportunities to the students in the field, and we could not make our community education model succeed without their help. Our friends and donors provide the resources necessary to make all of these things run smoothly. I continue to be exceedingly proud of all that LMU-DCOM has already accomplished, and can't wait to see what new things await us in this New Year. ❧

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of medicines. We also hosted a sweatpants fundraiser to help purchase a vision care kit, which contained 400 pairs of new glasses in three different sizes and eight different powers assessment tools and spare parts. This kit allowed us to set up an independent eye station anywhere we went and provide glasses to a large amount of our patients, who would otherwise have no access to optical care.

Our physicians and students are very aware of the power of human touch. By using osteopathic manipulative techniques, some of our medical students were able to provide immediate relief from acute back pain, ankle injuries and other musculoskeletal complaints. One of our students treated multiple pregnant patients with several osteopathic techniques and provided immediate relief from their ongoing back pain, which is very common during pregnancy. These ladies told their friends so that they would come see us as well. I believe practicing this type of medicine provides hope to these communities.

This mission trip was a new experience for many of the participants, including myself. Interacting with the members of these communities and reciprocating their love provided an alternative perspective on life and how important it is to care for each other. It was a very enjoyable trip and I look forward to serving there again in the future.



A note from **Dana Small, Class of 2015**: "The trip to the Dominican Republic and Haiti was my first medical mission trip. It was very eye-opening and affected me in a way I did not quite expect. It was an honor to be able to serve the people of both countries and give them love and medical care. The experience was life-changing.

There is no better way I could have spent a week of winter break."



A note from **Daniel Omire-Mayor, Class of 2014**: "Being from a developing country, I was always exposed to extreme cases of poverty, but never was I in a position to have the tools or knowledge to aid in the misfortune of the underserved. Going to Haiti and the Dominican Republic and finally being able to aid in the health care

of those who don't have access to it, while also being guided by some of our states' best physicians, proved rewarding and uplifting. Aside from being able to engage in basic triage of patient ailments, I had the opportunity to disinfect and debride a wound that one resident had had for months. It was the first case of debridement and wound care that I have had that much autonomy on, making that experience that much better. Furthermore, I know through our efforts, his wound was much more managed. Cases like these would lighten any budding medical student's day, and it further reinforced why I am in the right field."



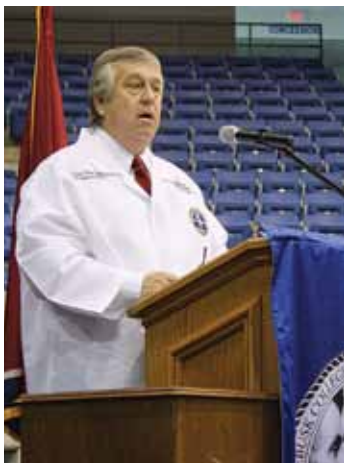
A note from **Dr. John Williamson**: "I would like to say how impressed I continue to be with our students. LMU-DCOM students made this entire event happen. They planned. They acquired supplies. They packed. They organized. They went. They touched and they treated. I continue to be inspired

by our students. I want to especially thank Anastasia Kurta for her commitment to this project, without which it would not have happened. I also want to express my gratitude to Dr. Wisnoff who proved to be a mobile medical clinic 'rock star.'"

— article contributed by **Anastasia Kurta, Class of 2014**; photos by **Class of 2014 members Hayley Barbato, Katie Clark, Anastasia Kurta and Glenn Quarles.** 




LMU-DCOM Class Of 2015 White Coat Ceremony_____



LMU-DCOM held the White Coat Ceremony for the Class of 2015 on Saturday, September 24, 2011. **Dr. Maurice Nida**, director of medical education for the family practice program at Wellmont Health System in Big Stone Gap, Va., served as the keynote speaker. Nida received his DO degree from West Virginia School of Osteopathic Medicine. He earned a bachelor's degree at Clinch Valley College (now University of Virginia's

College at Wise) in Wise, Va. He is a fellow of the American College of Osteopathic Internists. He has served as a faculty member at The University of Pikeville Kentucky College of Osteopathic Medicine (KYCOM) and at LMU-DCOM. In 2006, Nida was awarded the Clinical Medical Educator of the Year from KYCOM. In May 2011, he received LMU-DCOM's first Preceptor of the Year award. The White Coat Ceremony is a special ceremony designed to mark a student's entrance into medical school. The first White Coat Ceremony was held

in 1993 at Columbia University's College of Physicians and Surgeons and is now a standard ritual in medical schools across the country. During the Ceremony, each medical student is presented and "robed" with his or her short white laboratory coat, formalizing and welcoming the student's entrance into the study of medicine. 


— photos by Kate Reagan



LMU-DCOM Continues Support Of "I Can Cope" Series_____



The American Cancer Society's (ACS) "I Can Cope" program is a free series of educational classes for people facing cancer (both patients and their loved ones). The Pump Springs Baptist Church

"I Can Cope" series consisted of an 8-week class in Fall 2011. The series featured several LMU-DCOM faculty members as speakers, including **Dr. Mary Beth Babos**, associate professor of pharmacy; **Dr. Michael Wieting**, dean of clinical medicine and assistant VP of program development; and **Dr. Greg Thompson**, assistant professor of OMM/family medicine and chair of OPP. Topics covered included "Managing Effects of Illness, Treatment and Fatigue," "Keeping Well in Mind and Body and Relieving Cancer Pain" and "Nutrition During and After Cancer Treatment." 



Anatomy Fashion Show_____



The annual Anatomy Fashion Show was held in December 2011. The brainchild of **Dr. Neal Cross**, professor and chair of anatomy, the fashion show is an annual event that celebrates the completion of gross anatomy for the OMS-I class and provides first-year students an opportunity to demonstrate their anatomy knowledge in a creative environment. The winning group at this year's fashion show presented the Circle of Willis, as modeled by **Joshua Gruber, Class of 2015**.^{👩⚕️}



LMU-DCOM Hosts American Heart Association Lecture_____



LMU-DCOM hosted Dr. Marshall B. Elam for a talk on the topic "Evaluation and Management of Atherogenic Risk in Metabolic Syndrome" on October 10, 2011. The talk was made possible by a grant from the American Heart Association (AHA).

Elam currently serves as professor of pharmacology and medicine (Cardiovascular Diseases) at the University of Tennessee Health Sciences Center and director of the Lipid Metabolism Clinics at Veterans Administration Medical Center in Memphis, Tenn. Elam received his undergraduate degree from Lambuth University in Jackson, Tenn., and his MD and PhD in pharmacology from the University of Tennessee Health Sciences Center.^{👩⚕️}

New Arrival_____



James Sexton, Class of 2013, and his wife Leigh welcomed son Greyson James Sexton on December 29, 2011, in Kingsport, Tenn. Greyson was welcomed home by his big sister, Aubrey Jane Sexton, age three.

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Want to keep up with all the latest happenings at LMU-DCOM? Follow **lmuary** on Twitter for updates and insights from Director of Marketing and Public Relations for Health Sciences Amy Drittler.



Blood Pressure Screenings



In Fall 2011, LMU-DCOM students, organized by **Dr. Howard S. Teitelbaum**, professor of preventive medicine,

provided blood pressure screenings at a number of community events. A group of LMU-DCOM students along with Caylor School of Nursing students and professors travelled to St. Albert The Great Church in Halls, Tenn., on Sept. 11 to kick-off the parish's blood pressure screening program. Students also provided screenings at the City of Harrogate Labor Day Celebration and at Our Lady of Perpetual Help in LaFollette, Tenn. ☸

LMU-DCOM Professor Presented with National Award



Dr. Howard S. Teitelbaum (L), professor of preventive medicine at LMU-DCOM, is pictured with the 2011 George W. Northrup Educator of the Year Award alongside **Dean Ray E. Stowers**.

Dr. Howard S. Teitelbaum, professor of preventive medicine, was presented with the George W. Northrup Educator of the Year Award by the national Student Osteopathic Medical Association (SOMA) during the 2011 American Osteopathic Association Annual Osteopathic Medical Conference and Exhibition in Orlando, Fla.

Teitelbaum was nominated for the award by the LMU-DCOM chapter of SOMA. Students put together a nomination letter as well as a video touting Teitelbaum's achievements as an educator.

Teitelbaum has received numerous teaching awards during his career as a medical educator. He has received a Clinical Professor of the Year award from LMU-DCOM students for the past four years running and received LMU's Houston Award for Teaching Excellence in

2010. In 1995 he was selected for the American Osteopathic Association's Mentor Hall of Fame and previously was a finalist for the Northrup Award in 2006.

Teitelbaum received his doctor of osteopathic medicine degree from Michigan State University College of Osteopathic Medicine in East Lansing, Mich. He also holds a master of public health degree from Harvard University, a PhD and MA from Michigan State University and a BS from California State Polytechnic College in Pomona, Calif. His research interests are preventive medicine, public health and medical education. ☸

University Medical Clinic – New Tazewell Holds Ribbon Cutting and Open House

The University Medical Clinic-New Tazewell held a ribbon cutting and open house at its facility at 840 England Industrial Road in New Tazewell, Tenn., in November 2011. Pictured during the ribbon cutting ceremony are (front row L-R): **Lezlie Jennings, Dr. Gina DeFranco, Devina Peace, Judy Barnhill, Dr. Frank Venuti, Dr. R. Chris Yonts, Dawn Shiroda, Kayla Russell and Otis Sawyer**; (back row L-R): **Dr. Michael Wieting, Billie Price, Joshua Shepherd, Dr. Carroll Rose**, Claiborne County Mayor Jack Daniels, Gary West, Terry England, John Hibbett, Phillip Arnold and Chip Keaton.

The University Medical Clinic also has a Harrogate location at 165 Westmoreland Street in Harrogate. The University Medical Clinic offers multiple specialties, including family medicine, internal medicine, gynecology and osteopathic manipulative medicine. The providers at the University Medical Clinic are also on faculty at LMU-DCOM. The University Medical Clinic accepts most insurance plans. ☸



Annual AOA Convention

The 2011 AOA OMED Convention took place in October 2011 in Orlando, Fla. Highlights of the Convention included the introduction of **Dean Ray Stowers** as AOA president-elect; dinner hosted by the Dean at Jimmy Buffet's Margaritaville; the unveiling of the new LMU-DCOM exhibit booth; **Souleymane Diallo, Class of 2013**, receiving the 2011 William G. Anderson, DO, Minority Scholarship from the American Osteopathic Foundation; and LMU-DCOM interacting with alumni for the first time at the convention.

While in Orlando **Katie Clark, Class of 2014** (current LMU-DCOM SOMA vice president) and **Brittany Grady, Class of 2013** (director of public health on the national SOMA Board) volunteered with "Helping Hands OMED" at the Orlando Health and Rehabilitation Center in an effort to support children with disabilities, adults suffering from dementia and Alzheimer's disease, disabled veterans and Orlando's homeless population. The event was organized by the American Osteopathic Foundation (AOF) in conjunction with the AOA and Hands-on Orlando.

— photos by Kate Reagan, *Katie Clark, Class of 2014 and Souleymane Diallo, Class of 2013*



Scanning Electron Microscopy Under Way at LMU_____




— article by **Dr. Stan Kunigelis**, professor of physiology and chair of pharmacology/physiology

LMU has its first scanning electron microscope, a high resolution Zeiss scope with a Schottky Emmeter source.

Since electrons have a shorter wavelength than photons, electron microscopes have greater resolution ... so you can see smaller things! The small mass of electrons means that they cannot pass through glass lenses so magnetic fields must be used to focus electron beams. Electron optics are like billiards in that primary electrons emitted from the source (an electron gun) act like the cue ball to eject specimen secondary electrons (the colored play balls). Secondary electrons are collected to a scintillator where their energy is converted to light. Computer integration forms a TV-like image.

Electron microscopes are generally scanning (SEM), transmission (TEM) or a combination of the two (STEM). In the transmission electron microscope, samples are embedded in plastic and cut into angstrom thick (10-10 m) sections using a diamond knife. The thickness of a section is in proportion to its color of diffracted light. As an electron beam passes through the specimen, they are retained in proportion to the specimen density, forming an inverse density image (a negative).

In scanning electron microscopy, an electron beam passes over the surface of the specimen in a raster pattern (like reading a book). Since the electrons do not pass all the way through the specimen, the SEM is more correctly called an electron probe rather than a microscope. The SEM is good for discerning surface morphology (height of specimen at point A versus point B). It generates beautiful three dimensional images. High resolution SEMs can produce atomic level resolution! As excited electrons move from higher to lower orbitals, X-rays are emitted. Each element has a signature X-ray emission pattern so an SEM equipped with an elemental analyzer can determine specimen composition. It now becomes an analytical tool.

Once the new math and science building is completed the scanning electron microscope will take up residence in the first floor Imaging Center. Other planned equipment for this facility includes a nuclear magnetic resonance instrument NMR, confocal microscope, light microscopes (compound and stereoscopic) and possibly a TEM. The Imaging Center will become a central research and teaching resource for the entire campus: undergraduate, graduate and professional education. These are exciting times for LMU! 

LMU-DCOM Announces Metabolomics Program_____


LMU-DCOM has announced it is establishing a metabolomics unit to define disease biomarkers and study disease mechanisms.

Metabolomics is the scientific study of specific biological processes and the chemical markers that are left behind during these processes. The metabolomics unit at LMU-DCOM utilizes gas chromatography tandem mass spectrometry and liquid chromatography tandem mass spectrometry for metabolomics and lipidomics studies of human body fluids, cells, biopsy tissues and autopsy tissues.

The research facility is building a clinical metabolomics database for a number of diseases with an initial focus in two major areas. The first will evaluate chemical markers pre-and post-osteopathic manipulative treatment (OMT) of chronic low back pain. The second will evaluate chemical markers in diseases of aging with a focus on Alzheimer's disease and various cancers.

The metabolomics unit at LMU-DCOM is directed by **Dr. Paul Wood**, professor of pharmacology. The first publication from the unit, "In vitro and in vivo plasmalogen replacement evaluations in rhizomelic chondrodysplasia punctata and Pelizaeus-Merzbacher

disease using PPI-1011, an ether lipid plasmalogen precursor," appeared in the October 18, 2011, issue of "Lipids in Health and Disease."

The metabolomics unit at LMU-DCOM hopes to collaborate with clinical groups interested in the utility of metabolomics in medicine. Metabolomics must be performed on diverse patient populations and utilize large patient numbers to generate useful datasets. All data will be supplied to participating physicians and all publications would be co-authored. Clinical groups interested in working with the metabolomics unit at LMU-DCOM should contact Wood at 423.869.6666 or paul.wood@LMU.net.edu. 

You Tube

Check us out!

Search for "**Imunetedu**" for more than 100 videos from the University, including many from LMU-DCOM faculty.

Student DO of the Month



Williams

Tomlinson

T. D. Williams, Class of 2014, of Blaine, Tenn., and **Zachary Tomlinson, Class of 2015**, of Palatka, Fla., were named Student DOs for the month of August.

Williams received his undergraduate degree in fire administration from the University of Memphis. He worked as a flight medic prior to enrolling in medical school. At LMU-DCOM, Williams serves as the clinical coordinator for the Student Chapter of the American College of Osteopathic Emergency Physicians. Williams and his wife Jennifer have three children, Kendall, Sylas and JennaRose.

Tomlinson received his Bachelor of Science in biology from the University of North Florida (UNF). At UNF he was active in intramural sports and received Dean's List awards. As a college student Tomlinson was a recipient of a Take Stock in Children scholarship and a Florida Bright Futures scholarship. He is the son of Roger and Bonita Tomlinson.



Swafford

Sivagurunath

Paul "Hutch" Swafford, Class of 2014, of Pikeville, Tenn., and **Kirubakaran Sivagurunath, Class of 2015**, of Woburn, Mass., were named the Student DOs for the month of September.

Swafford received his Bachelor of Arts in management from Trevecca Nazarine University, where he graduated cum laude. He is the son of Paul Swafford.

Sivagurunath received his Bachelor of Science in microbiology from the University of Massachusetts and a master's degree in interdisciplinary health science from Drexel University. He is the son of Nalliah Sivagurunathan and Jansi Rani Sivagurunathan.



Mathew

Mathew received his Bachelor of Science in biology at Villanova University. There he was involved in research that culminated in the completion of a senior thesis. He enrolled in LMU-DCOM after completing the post-bac program at Drexel University. He is the son of Joseph Mathew and Remany Joseph.

Andrew Mathew, Class of 2014, was named Student DO for the month of October.



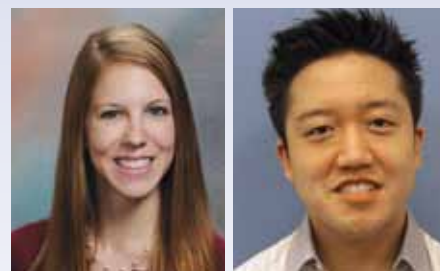
Brown

Gresser

Adam Brown, Class of 2014, of Chickamauga, Ga., and **Rob Gresser, Class of 2015**, of Chandler, Ariz., were named Student DOs for the month of November.

Brown received his Bachelor of Science in psychology and history from the University of Tennessee at Chattanooga in 2005, where he was a Dean's List student in 2004 and 2005. At LMU-DCOM Brown is a member of the Student Osteopathic Surgical Association and the Internal Medicine Club. He also serves on the curriculum sub-committee for the Class of 2014 and is a student member of the Tennessee Osteopathic Medical Association. Brown and his wife Sharon have one daughter, Kaitlyn.

Gresser received his Bachelor of Science in business management from Arizona State University in 1995 and his Master of Arts in theology/ethics with an emphasis on bioethics in 2001 from the University of San Francisco-Phoenix. Gresser also earned a Master of Science in emergency management and hazardous materials in 2005 from Arizona State University. Prior to entering LMU-DCOM Gresser worked as an EMT/ER tech and hospital disaster planner for 12 years. Gresser also spent three years as a clinical bioethicist and five years as a volunteer disaster responder with the Chandler, Ariz., Community Emergency Response Team (CERT). He has 26 years' experience as a CPR instructor and ran the CPR/First Aid Education Program for the Chandler, Ariz., YMCA from 2005-2010. The program received numerous awards for the number of students taught and for having five lives saved by students in the program. A native of Hobart, Ind., Gresser and his wife Valerie have two daughters, Michelle and Lauren.



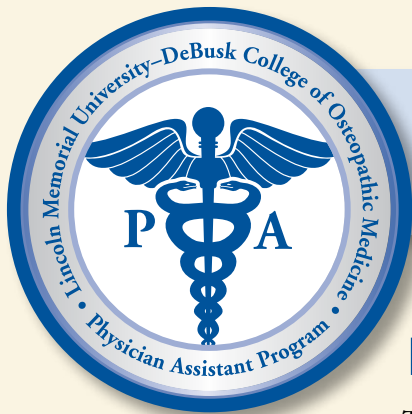
Boyd

Chen

Sara Boyd, Class of 2014, of Louisville, Ky., and **Jonathan Chen, Class of 2015**, of Los Angeles, Calif., were named Student DOs for the month of December.

Boyd received her Bachelor of Science in biology with minors in chemistry and psychology from Georgetown College in Georgetown, Ky. While pursuing her undergraduate degree she was an active member of the Sigma Kappa Sorority and a dancer for the Tiger Dance Team. She spent two years as a co-leader in the Presidential Mentorship Program and was initiated into the National Honor Society of Phi Kappa Phi and the

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LMU-DCOM PA Program

LMU-DCOM PA Program Winter Gala

The LMU-DCOM Physician Assistant Program held its annual Winter Gala on January 20, 2012, at Pine Mountain State Resort Park in Pineville, Ky. PA Program students, faculty and staff enjoyed an evening of dinner and dancing. The PA Class of 2013 also presented "Superlative Awards" to members of the class. Awards included:

- The M*A*S*H* award – most likely to practice medicine in a rural area
Pamela Webb
- Most likely to be on Facebook during class
Kate Campbell
- Most likely to email helpful hints
Brook Chute
- Most likely to brighten your day
Afton Carducci
- Most likely to be working out instead of studying
Amanda Warden
- Most likely to be seen at DCOM at 2 a.m.
Ryan McClain
- Most business-casual savvy
Amy Vischetti
- Most likely to start studying the day before an exam
Brittany Gusler
- Most likely to be in the IT office
Emily Hurd
- Most likely to drown in their own coffee (fall asleep in class)
Joel Hayes
- Most likely to forget to speak into the microphone
Abby Blair
- Nerves of Steel – least likely to be grossed out by anything
Paul Lawrence
- Most likely to become the first PA Reality TV star
Juli Ray
- Biggest hypochondriac
Carrie Lewey
- Most likely to be at the pool during lunch
Meredith Dalton
- The Snotty Little Nose Award – most likely to go into pediatrics
Courtney Abernathy
- The Slice & Dice Award – most likely to go into surgery
Kelcye Garrison
- Making Babies Award – most likely to go into OB/GYN
Tina Brown
- Sticks and Stones Award – most likely to go into Ortho
Jenna Dixon
- Most likely to save the day – go into Emergency Medicine
Evan Dyer





— photos by Samantha Myers



Student DO of the Month

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National Leadership Honor Society of Omicron Delta Kappa.

She spent a semester abroad at Oxford University in England and participated in two medical mission trips to Kenya.

At LMU-DCOM Boyd serves as vice president of the LMU-DCOM Chapter of the Student American Academy of Osteopathy (SAAO). Her article "An Act of Altruism" was published in the October 2011 issue of "Still Point," a tri-annual publication of the SAAO. She is a member of the Student Osteopathic Medical Association, the Christian Medical and Dental Association and serves as a teaching assistant in the osteopathic principles and practice lab. She is the daughter of Dennis and Sharon Boyd.

Chen received his BS in human biology from the University of California, San Diego (UCSD) and MS in biology from California State University, Los

Angeles (CSULA). At UCSD and CSULA, he was active in the research of bioinformatics and microbiology at Dr. Milton H. Saier Jr.'s and Dr. Howard Xu's labs, respectively. His phylogenetics and bioinformatics research on transporter proteins in Dr. Saier's lab at UCSD have led to several publications and book chapters, including "Multidrug Resistance: Phylogenetic Characterization of Superfamilies of Secondary Carriers that include Drug Exporters." (Yen et al., 2010; PMID: 20419429), "Bioinformatic characterization of the 4-Toluene Sulfonate Uptake Permease (TSUP) family of transmembrane proteins." (Shlykov et al., 2011; PMID: 22192777), "Phylogenetic Characterization of Transport Protein Superfamilies: Superiority of SFT programs over those based on multiple-alignments." [Chen et al., 2012; JMMB (In Press)], "Comprehensive Phylogenetic Analyses of Major Transport Protein Superfamilies". [Reddy et al., 2012

(In Press)], and "Deducing Transport Protein Evolution Based on Sequence, Structure and Function." [Waka et al., 2012 (In Press)]. Furthermore, these research efforts have led to the Junctional Complex (JC) superfamily of transporter proteins being named after him. He has served as a first year liaison for the International Medicine Society (IMS) and is a MSSOP recruiter for the American Medical Association (AMA) at LMU-DCOM. He is the son of Joseph and Annie Chen.

The Student DO of the Month is a program of the LMU-DCOM Student Government Association (SGA) and recognizes an outstanding first- and second-year student each month. Among the criteria examined for the honor are involvement in LMU-DCOM, leadership skills, community service, class attendance, initiative, attitude and professionalism. Nominations are made to the SGA and voted on by the officers. 🏆

LMU-DCOM to Offer Anatomy Boot Camp

LMU-DCOM will begin offering a three-week intensive anatomy course to incoming osteopathic medical students in the summer of 2012.

The course, entitled Gross Anatomy Boot Camp, will be taught by **Dr. Jonathan Leo**, professor of neuroanatomy and associate dean of students at LMU-DCOM. The course is designed for incoming first-year osteopathic medical students who wish to start learning gross anatomy prior to the start of school. During the three-week course, students will begin each day at 8 a.m. with a test over the previous day's material. Each test is cumulative to encourage long-term mastery of medical gross anatomy. Course material will be presented through small group discussions and time in the LMU-DCOM anatomy lab. The class day concludes at 4 p.m. A certificate of completion will be presented to each student at the end of the course. The course is not a pre-requisite to attending LMU-DCOM. Course tuition is \$800.

"The purpose of the course is to make the student's life easier in medical school," said Leo. "In addition to gaining early exposure

to medical gross anatomy, the student will also learn the study skills necessary to excel in medical school." 🏆



Rotation & Residency Spotlight

LMU-DCOM welcomed **Patricia “Patti” Parisian**, director of continuing medical education and preceptor development in November 2011. Her responsibilities include managing and coordinating needs-based activities/programs for continuing medical education programs and preceptor-faculty development, and providing training opportunities for clinical adjunct faculty through multiple venues and formats.

An academic background in public health education and higher education and over ten years of work experience in medical education has prepared Parisian for her new role at LMU-DCOM, committed to LMU-DCOM’s mission of a values-based learning community, serving the rural and underserved areas. Parisian is completing her PhD in curriculum and instruction at the University of South Florida, Tampa, Fla., with a research interest in clinical teaching excellence among academic and community-based preceptors. She is located in LMU-DCOM 329 and can be reached by calling 423.869.6819 or emailing patricia.parisian@LMU.net.edu.



Monica Morman, Class of 2013, did a family medicine rotation with Patch Adams at his Gesundheit Institute in West Virginia during October 2011, taking a course entitled Humanistic Medicine. As Morman explains:

“It was an awesome experience! Patch Adams has always been an inspiration to me, with his message of the power of love, joy and relationships to heal. He also has a message of justice in medicine, and is working to build his 40-bed rural hospital that will be run free for all patients in the very underserved area of rural West Virginia. He says it will be a community of health care workers that get paid very little, but it will be so much fun they will want to come work there. He talked to us about his life and early experiences as a family doctor. He would spend four hours on each initial patient visit. He wants to know all about his patients and their lives in order to treat them to the best of his ability. He would even invite himself over for dinner and get to know how they lived and what they loved to do. There were medical students from all over the world on this rotation, and we did exercises such as interview each other and get to know each other’s stories as practice for doing so with patients. We also went on two clowning trips! Overall, it was a wonderful experience!”



Jeff Walters, Class of 2013, entertains an infant during the inaugural run of Buzzy the Bee, a medical product designed to distract small children during injections. Walters is pictured playing the kazoo, which is part of the Buzzy the Bee kit. Walters perfected his kazoo skills during his rotation in the office of Jana Bunsic, DO, of Morristown, Tenn.

Amanda Stephens, Class of 2012, has met up with her LMU-DCOM colleagues multiple times as she pursues her residency interviews. As Amanda recounts: “This photo is of LMU-DCOM students. We kept crossing paths on the interview trail in Michigan and decided to get a picture. It was taken at a pre-interview dinner for an OB/GYN residency program where **Jessica Chandler, DO ‘11** is currently receiving her training. We were very proud to visit her program (Botsford General Hospital in Farmington Hills, Mich.) and see how she is developing successfully as a physician. She was proud to see such a strong LMU-DCOM representation at the interview too. It’s exciting to think we’ll be in her shoes soon!



Kristen Pomeroy, Class of 2012, Amanda Stephens, Class of 2012, Jessica Chandler, DO ‘11, and Jennifer Roberts, Class of 2012



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Rotation & Residency Spotlight

Wellmont, LMU-DCOM Family Medicine Residency Program Blossoms in Year Two, Adds 10 Physicians



--article courtesy Wellmont Health Systems

An osteopathic family medicine residency program launched by Wellmont Health System and Lincoln Memorial University's DeBusk College of Medicine to enhance patient access to medical care in Southwest Virginia is booming in its second year of existence.

A year ago, two physicians – Derek Harman and Aaron Porter – served as the inaugural residents in this program. Now, 10 more donned white coats on August 1, 2011, at a ceremony at the Goodloe Center at Mountain Empire Community College. Half of the 10 are members of the initial graduating class at LMU-DCOM.


"This is a continuation of a dream to bring more physicians to Southwest Virginia, and we are so excited to see this latest group come here to provide compassionate care to our patients," said **Dr. Maurice Nida**, Wellmont's director of osteopathic medical education. "We are confident the quality of care we deliver in this region and the outstanding folks who live here will lead these young physicians to establish practices in Southwest Virginia."

In 2009, the American Osteopathic Association granted approval for the LMU-DCOM/Wellmont Osteopathic Family Practice Residency Program to enroll as many as 24 physicians. The program, which offers a three-year residency, is now half of the way there.

Eight of the physicians are in the first year of their residency and will work solely at Lonesome Pine Hospital for the first year. Two of the physicians have completed the first year of their residency elsewhere and will perform their duties at Lee Regional Medical Center, Holston Valley Medical Center and Bristol Regional Medical Center in addition to Lonesome Pine.

Five of the new residents graduated from LMU-DCOM, while others come from other parts of the country, some as far away as Philadelphia and New York. Jo Anne Harding, residency program coordinator, said all but one of the residents came here for an interview prior to joining the program.

"We are pleased that our academic partner, LMU-DCOM, is participating so extensively this year, but we're also ecstatic with the diversity the rest of the residents bring to this year's class," said David Brash, vice president of Wellmont's Mountain Region. "We remain focused on our long-term vision – to enhance the healing environment of our communities by increasing the number of physicians in Southwest Virginia."

"This program is coming along nicely and should enhance the quality of life for our friends and neighbors." 

The new residents and their medical school are as follows:

- **Dr. Christopher Bishop**, 'DO 11, LMU-DCOM
- Dr. Tracy Boschee, Des Moines University Orthopedic Medical Center
- Dr. Dennie Bryant, New York College of Osteopathic Medicine of the New York Institute of Technology
- **Dr. Eric Hofmeister**, 'DO 11, LMU-DCOM
- **Dr. Lawson Hunley**, 'DO 11, LMU-DCOM
- Dr. Dwayne Likens, University of Pikeville Kentucky College of Osteopathic Medicine
- **Dr. Andrew Lovell**, 'DO 11, LMU-DCOM
- **Dr. Thomas Robbins**, 'DO 11, LMU-DCOM
- Dr. K. Addison Ward, Virginia College of Osteopathic Medicine
- Dr. Lindsay Yorns, Philadelphia College of Osteopathic Medicine

The Alabama Medical Education Consortium

--article provided by Vera Jordan



The Alabama Medical Education Consortium (AMEC) approach has its foundation in a community-based osteopathic primary care model. This model provides extensive learning in a hands-on approach for students in all aspects of their education. It is AMEC's philosophy that this model best provides the optimum educational experience for a physician of the 21st century.

While the AMEC mission is to establish and maintain an osteopathic primary care physician pipeline for rural and underserved Alabama, the vision is to enhance the health and well-being of the people of Alabama. This vision is accomplished through the recruitment of qualified candidates, placing the candidates with qualified practicing physicians who provide the hands-on education experience.


AMEC has a collaborative partnership with Alabama colleges and universities and have also expanded the partnerships to include eleven osteopathic medical schools throughout the country. Medical education for years three and four is provided in a community setting at one of the 12 core sites which includes Regional Medical Center (RMC) in Anniston. The core site is managed by a core site director (physician) and a core site coordinator (administrator).

In 2010 the core site in Anniston received five students from LMU-DCOM and began the third year of education. The medical staff of RMC provided 960 hours of education for five medical students.

In 2011 the core site received an additional nine students from LMU-DCOM to begin their third year education experience and continued educating the advanced fourth year students. The total number of hours of education provided in 2011 was 1,000 hours to fourth year medical students and 1,920 hours to nine third year students. This education experience includes core curriculum for each student to include two months of internal medicine, one month each of pediatrics, obstetrical/gynecology, general surgery and behavioral health (psychiatry). A six month selective/elective program is provided for the students to acquire additional training in other disciplines of their choice but will include two

surgical specialties and two medicine specialties in these choices.

In addition to the different specialty education provided, RMC participates in a certified cancer treatment program which affords the students with weekly tumor conferences and the opportunity to participate in cancer research projects. The medical director and the core site coordinator participate in the conferences and have membership on the Institutional Review Board (IRB).

RMC is integral in providing a site for the education and training of medical students enrolled in the AMEC Program. 




LMU-DCOM welcomed **Dr. Kenneth Heiles** as associate dean of graduate medical education in January 2012. Dr. Heiles comes to LMU-DCOM from Star City, Ark., where he was in private practice for 25 years. His professional focus has been emergency medicine and osteopathic family medicine, as well as Osteopathic Graduate

Medical Education. Board certified in osteopathic family medicine, Dr. Heiles also served as Director of Osteopathic Medical Education at the University of Arkansas for Medical Sciences Area Health Education Center -Pine Bluff, where he served as residency program director in past years.

Dr. Heiles attended St. Vincent College in Latrobe, Penn., where he completed his undergraduate degree in chemistry. He earned his medical degree from the Philadelphia College of Osteopathic Medicine in Philadelphia, Penn. He served his residency at Mill Creek Community Hospital in Erie, Penn.

A 29-year ACOFP member, Dr. Heiles has contributed to ACOFP governance as a delegate in the ACOFP Congress of Delegates and as a member of multiple committees addressing postgraduate training, convention programming, practice management and advocacy. He has served on the ACOFP Board of Governors since 2003, holding the offices of governor, vice president, president-elect and president. He earned his ACOFP fellow designation in 1993 and received his distinguished fellow credential in 2007. Dr. Heiles is currently the CEE chair for the ACOFP, and is very active on AOA committees.

Dr. Heiles and his wife, Michelle, have five children: Jared, Holli, Alex, Megan and Mistie. Their extended family includes Mistie's husband Hunter, and grandson Addison. 

Clinical Partner Spotlight

Cookeville Regional Medical Center



1st row: Dr. Sullivan Smith, CRMC chief of staff; Mitchell Oetken, Class of 2013 and Matthew Hensley, Class of 2013

2nd row: Ranje Mohamadameen, Class of 2013; Justin Hare, Class of 2012 and Nancy Judd, CRMC director of education

3rd row: Mary Hopkins, LMU-DCOM assessment specialist; Donna Palazzolo, LMU-DCOM extramural education coordinator; Nancy Myers, LMU-DCOM director of clinical education and Amy Sullivan-Mahan, CRMC education coordinator.

LMU-DCOM's newest CORE hospital site is Cookeville Regional Medical Center (CRMC) in Cookeville, Tenn. The hospital's first group of third-year osteopathic medical students finished their rotations in December 2011. CRMC is 217-bed facility that serves the 14-county Upper Cumberland region. The facility was opened in 1921 as a 15-bed private hospital just off the town square. Today, CRMC is the region's public hospital and has grown to a staff of more than 2,000, including more than 150 individuals on its active medical staff. CRMC was ranked Number One in Tennessee in 2011 for coronary interventional procedures and received the 2011 coronary intervention excellence award from HealthGrades. "Cookeville Regional Medical Center is excited to provide a learning environment for these medical students," said Dr. Sullivan Smith, medical director of the CRMC Emergency Department and chief of staff at CRMC. "It's a win-win for both us and the students."



PLEASE SAVE THE DATE

Saturday, August 4, 2012

Graduation Ceremony for the
LMU-DCOM
Physician Assistant Program
Class of 2012

10 a.m. in Tex Turner Arena
Reception to Follow

We encourage you to make room reservations now. Area hotels include:

Holiday Inn Express, Middlesboro, KY; 606.248.6860

Sleep Inn, Middlesboro, KY; 606.576.7829

Downtown Inn and Suites, Middlesboro, KY; 606.248.5630



Harrogate, Tennessee

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LMU-DCOM Student Club Updates

AMERICAN COLLEGE OF OSTEOPATHIC EMERGENCY PHYSICIANS-STUDENT CHAPTER (ACOEP-SC):

The ACOEP-SC hosted a talk from Dr. Warren Wisnoff, assistant professor and chair of internal medicine, on residency experiences.

CHRISTIAN MEDICAL AND DENTAL ASSOCIATION (CMDA):

The CMDA hosted its annual Chili Cook-Off in November 2011. The event served as a fundraiser to help cover the costs of the group's annual spring break mission trip to Haiti and the Dominican Republic. **James Sullivan, Class of 2014**, had the winning chili at the event. The group also continued its weekly Bible Study meetings.

DR. GEORGE STANLEY THOMPSON PA STUDENT SOCIETY:



The Dr. George Stanley Thompson PA Student Society hosted an American Red Cross Blood Drive in November 2011. The blood drive had 63 people present to donate with 49 of them being first-time donors. The drive's goal was 40 units, and this goal was exceeded with 56 productive units collected. In October the PA students designed

and sold breast cancer T-shirts to raise awareness of the issue and generate funds for the Irene and Howard Baker Cancer Treatment Center in Harrogate, Tenn. The students donated \$200 to the Center. PA Students also travelled to TNT Primary School in New Tazewell, Tenn., to provide free blood pressure checks and also conduct a Hygiene Day program. The PA students made 45-minute presentations to 100 fourth graders about daily health and hygiene. Each child was given a goodie bag filled with dental floss, toothpaste, toothbrush, LMU pens, soap, deodorant and shampoo, and the extra donated supplies were given to the school nurse.

INTERNAL MEDICINE CLUB:

The Internal Medicine Club prepared a health literacy pamphlet for distribution in the local community. The club also hosted a presentation by **Dr. Warren Wisnoff**, assistant professor and chair of internal medicine, on applying to internal medicine residencies. Wisnoff also facilitated a suture clinic for second-year students hosted by the IM Club.

INTERNATIONAL MEDICINE SOCIETY (IMS):

The IMS held the first World AIDS Day Benefit at Bear Bottom Creek in Tazewell, Tenn., on December 1, 2011. The LMU-DCOM student group BAND-AIDS, consisting of **Nick Litwin, Class of 2014**, **Craig Barnette, Class of 2014**, **Cody McMillan, Class of 2014**, **Jess Baker, Class of 2014** and **Joey Giampa, Class of 2015**, performed at the event. The club also held a companion bake sale prior to the benefit. The two initiatives raised \$500 for the Kentucky Health Department's HIV/AIDS Clinic. In November 2011, **Paul Swafford, Class of 2014** and **Nida Rauf, Class of 2015** spoke to the IMS club about their studies in health and migration at the University of Ghent, Belgium, in Summer 2011.



LMU-DCOM Student Club Updates



INTRAMURAL SPORTS:

An LMU-DCOM team competed in the local community softball league in Fall 2011. The LMU-DCOM team took home the league's Sportsmanship Award at the end of the season. Pictured left to right are: (back row) **Kevin Cope, Class of 2014**, **Eric Bankert, Class of 2015**, **Chris Heberer, Class of 2014**, **Monte Ketchum, Class of 2015**, **Cole Augustine, Class of 2014**, **Bobby Lawrence, Class of 2015**, **Joseph Sherer, Class of 2014**, **Alan Aiken, Class of 2014** and bottom row left to right **Ashley Pruitt, Class of 2015**, **Becca Madell, Class of 2015** and **Lindy Sherer**. Not pictured are **Scott Taylor, Class of 2014**, **Clayton Boykin, Class of 2015**, **Dustin Parker**, **Chris Bellamy, Class of 2015**, **Anne Wills, Class of 2015** and **Jennifer Fletcher, Class of 2014**.

ORTHO/SPORTS MEDICINE CLUB:

The Ortho/Sports Medicine Club sponsored a Sports Medicine OMM clinic in November 2011. **Dr. Greg Thompson**, assistant professor of OMM/family medicine and chair of OPP, led the clinic and discussed shoulder, knee and ankle techniques.

PEDIATRICS CLUB:

The Pediatrics Club prepared boxes for Operation Christmas Child for the 2011 holiday season. The Pediatric Medicine Club also collected toys as part of LMU's annual holiday food, toy and clothing drive for the Mission of Hope.

PLASTICS, ENT AND DERMATOLOGY CLUB (POD):

The POD Club hosted a HEENT Skills Workshop in November 2011. **Dr. Howard S. Teitelbaum**, professor of preventive medicine, facilitated the session. The goal of the session was to gain confidence and proficiency in these techniques with a focus on looking in eyes and ears, finding the anatomical structures and becoming familiar with normal.

PHYSICAL MEDICINE AND REHABILITATION CLUB (PM&R):

The PM&R club heard a presentation by **Dr. Michael Wieting**, dean of clinical medicine and assistant vice president of program development, on the Paralympics. The club also hosted a presentation by **Brennan Boettcher, Class of 2013**, and Courtney Crawford, health services coordinator for the Muscular Dystrophy Association in Knoxville. The two spoke on volunteer opportunities with the 2012 Muscular Dystrophy Summer Camps next year, as well as the 2012 Muscle Walk held at the Knoxville Zoo.

PSYCH/NEURO CLUB:

The Psych/Neuro Club sold Mini-Mental Status Exams as a fundraiser. In January 2012 the club hosted a talk on narcolepsy by **Sean Kelly, Class of 2013**.

SIGMA SIGMA PHI (SSP):



SSP sponsored the annual Mr. DCOM pageant in November 2011. The event raised approximately \$1,000 to benefit the free clinic at the Catholic Action

Center in Lexington, Ky. **James Sullivan, Class of 2014**, won the pageant. Pictured from left to right are Mr. DCOM contestants **Jerrell Nesmith, Class of 2014**, **Phillip Ross, Class of 2014**, **Robert Lawrence, Class of 2015**, **James Sullivan, Class of 2014**, **Josh Gruber, Class of 2015**, **Clayton Boykin, Class of 2015** and **Joey Giampa, Class of 2015**.

SSP also enjoys a strong partnership with the Harrogate (Tenn.) Senior Center. SSP has conducted regular blood pressure screenings at the Center for several years. In Fall 2011, LMU-DCOM students, organized by the SSP, made the decision to get more involved in the daily activities of the Center. The group started a computer training program, in which students go to the Center weekly and work on basic and advanced skills, such as accessing the Internet, email, downloading pictures and word processing. The program has been led by LMU-DCOM SGA webmaster **Adam Tarrance, Class of 2014**. Both students and seniors have enjoyed the one-on-one opportunity to browse the Internet, tackle special projects and make lasting friendships. In addition, **Loni Miller Quarles, Class of 2015**, has been key in organizing students with musical talents to play on occasion at the Center. The group has provided entertainment during lunches, at some afternoon events and is always open to more opportunities to share their music. A choking scare prompted students to offer an informal

Heimlich/CPR class as well. Students designed a small sign with basic information, provided simple instructions to the seniors and then had mannikins on hand to allow for practice. Finally, students participated in the Center's annual ham breakfast fundraiser. Over 20 LMU-DCOM volunteers helped sell tickets, prepare the food, serve and clean up. In Fall 2011 alone, LMU-DCOM students volunteered over 150 hours of time to the Center. Through assisting with ham breakfast and the Class of 2014's decision to choose the Center as the recipient of its "Doctors in Training" community service award, LMU-DCOM students have helped provide the Center with over \$600. The Center thanked students with a special dinner in December 2011.

STUDENT ADVOCATE ASSOCIATION (SAA):

SAA sponsored its annual Fall Festival in October 2011. The event included live music, pumpkin decorating and a pinata. LMU-DCOM student clubs provided activities including cornhole, face painting and putt-putt. SAA sold Christmas ornaments for the 2011 holiday season. In November 2011 the SAA hosted its annual potluck Thanksgiving dinner for students and their families. SAA also provided free milk and cookies to LMU-DCOM students at the end of the semester.

STUDENT AMERICAN ACADEMY OF OSTEOPATHY (SAAO):

The SAAO sold LMU-DCOM embroidered blankets as a fundraiser.

STUDENT ASSOCIATION OF THE AMERICAN COLLEGE OF OSTEOPATHIC FAMILY PHYSICIANS (SAACFP):

The SAACFP sponsored the annual Staff Appreciation Dinner in November 2011. Students prepared and hosted a potluck dinner for LMU-DCOM staff members and LMU support personnel, including security, maintenance and housekeeping. The SAACFP also hosted a talk by **Dr. Frank Venuti**, associate professor of family medicine, who spoke on practicing ER as a family physician and shared his past experiences with the group.

WOMEN'S HEALTH AND MEDICAL SOCIETY:

The Women's Health and Medical Society prepared holiday cards for patients and families at SunCrest Health Care in Tazewell, Tenn. Each card was sent either to a patient in hospice or to a family whose loved one had recently passed away. The club also hosted **Dr. John Williamson**, assistant professor and chair of OB/GYN and director of international medicine, who spoke to the group about the life of a women's health physician.

STUDENT ASSOCIATION OF MILITARY OSTEOPATHIC PHYSICIANS AND SURGEONS (SAMOPS):

SAMOPS hosted a talk by Rear Admiral William Leigher, the U.S. Navy's Director of Warfare Integration for Information Dominance, on December 8, 2011. Leigher addressed some of LMU-DCOM's nearly 60 military medical students, discussing topics ranging from the drawdown of military forces in Afghanistan and the Middle East to military doctors' dual roles as leaders and physicians. During his talk, Leigher said: "As we have done at the end of any major conflict through our history, the military will be in a state of flux while we posture ourselves for future roles. 'Flux' does not mean 'weak' or 'unprepared,' however—it means self-analysis to bolster our strengths and directly address areas for improvement. We will continue to be the strongest and most agile military in the world." Addressing LMU-DCOM's military students' roles as leaders, Admiral Leigher likened the role of combat officers to emergency room physicians. Both lead teams that must be prepared for a wide-ranging variety of situations that will present with confusing or contradicting information while demanding management of multiple simultaneous actions and "adapt and adjust" agility of decision-making.

"Leadership doesn't end just because you wear a white coat. You still have to develop and train your people, make decisions under pressure—usually with less information than you need—that affect people under your care, infuse your teams with enthusiasm to perform well, and have the ability to inspire when difficult situations arise."



STUDENT OSTEOPATHIC SURGICAL ASSOCIATION (SOSA):

SOSA held its annual Pancake Dinner in November 2011. The event raised approximately 410 cans of food for Cooperative Christian Ministries in Middlesboro, Ky. In conjunction with the dinner SOSA also held the final round of its annual Shuffalooza tournament. **Joseph Sherer, Class of 2014**, and his wife Lindy took home the tournament championship.

LMU-DCOM Student Club Updates

WILDERNESS MEDICINE CLUB:



The Wilderness Medicine Club held the annual MedWAR Tennessee Race on November 19, 2011. The annual event is a medically-oriented adventure race. The course took place on both the LMU campus and in the Cumberland Gap National Historical Park. The approximately 14-mile course consisted of running, hiking and biking with 10 skills stations and four medical scenarios along with other questions along the way. Two teams from LMU-DCOM competed in the 2012 Race: "The

Pudendals Remix" consisting of Class of 2014 members **Cass Cherry, Christopher Heberer** and **Scott Taylor**; and "Running Wild" consisting of Class of 2014 members **Alan Aiken, Kevin Cope** and **Joseph Sherer**. Eighteen teams total competed in the race. Competing teams included Ohio University Heritage College of Osteopathic Medicine, LMU-DCOM, Washington University in St. Louis, Mo., Edward Via Virginia College of Osteopathic Medicine, Virginia Tech Carillion School of Medicine, and Claiborne County (Tenn.) EMS. The "Pudendals Remix" team took first place in the race.



STUDENT OSTEOPATHIC MEDICAL ASSOCIATION (SOMA):

SOMA's 2011 fall membership drive enjoyed an 85% join rate among the incoming LMU-DCOM class. SOMA members participated in the all-night American Cancer Society Relay for Life in September 2011 in Harrogate (Tenn.) City Park. SOMA raised over \$2000 for the Relay for Life. SOMA also took its "What's in a Doctor's Bag" and "Mini-Medical School" programs to Washburn School in Washburn, Tenn., and Heritage Christian Academy in New Tazewell, Tenn. SOMA members also gave a presentation on the life of a medical student to 8th grade students at Horace Maynard Middle School in Maynardville, Tenn.





Souleymane Diallo

Souleymane Diallo, Class of 2013, of Tazewell, Tenn., has been named the 2011 William G. Anderson, DO, Minority Scholarship winner.

The scholarship is presented annually by the American Osteopathic Foundation (AOF), whose mission is to identify and support philanthropic activities that improve people's health and enhance the osteopathic profession. The William G. Anderson, DO, Minority Scholarship recognizes an outstanding minority osteopathic medical student who is committed to osteopathic principals and practice, has excelled academically, and has proven to be a leader in addressing the educational, societal and health needs of minorities.

In addition, Diallo is a 2011 recipient of a Welch Scholars Grant from the AOF. The purpose of the Welch Scholars Grant is to provide monetary support to help defer costs during a student's osteopathic medical education. The recipients are chosen because of their outstanding academic achievement, participation in extracurricular activities, strong commitment toward osteopathic medicine and financial need.

Diallo was presented with the awards during the AOF's annual Honors Celebration held in conjunction with the annual American Osteopathic Association OMED convention.

Diallo received his undergraduate degree from LMU. He received LMU-DCOM Student of the Year Awards in 2010 and 2011. He has served as class president for the LMU-DCOM Class of 2013 for the last three years. He is originally from Fafaya, Guinea, and is married to Rachel (Bauer) Diallo.



Sean Kelly

Sean Kelly, Class of 2013, had his article "New Study Sheds Light on Narcolepsy" published by the non-profit Narcolepsy

Network in their newsletter. Kelly's article takes a complicated research study and reviews it for the general public. Kelly works regularly with the Narcolepsy Network to make sure patients have the most up-to-date research in a manner more focused toward general patient health care literacy. Kelly will be writing more articles for subsequent newsletters. He has also been awarded a travel scholarship to attend the Narcolepsy Network Conference in Las Vegas in October 2012.

Kelly also served as a contributing author for the STORM - Operator handbook, which is used for training both federal and local law enforcement in how to handle medical issues in the tactical environment. Kelly authored the chapters "Blast Injuries" and "Special Populations." Kelly also helped to develop many of the companion classroom and practical lectures and exercises students undergo to learn lifesaving skills in an austere and dangerous environment.



Melanie McClain

Melanie McClain, Class of 2012, submitted a case report to the inaugural issue of the *Journal of Neonatal Biology* entitled "Fetal Hydrops in a Twin Pregnancy" in December 2011.



Hayley Barbato

Hayley Barbato, Class of 2015, was one of 30 finalists selected by Colors of Life, a worldwide photography competition that brings awareness to the less fortunate children of the world.

Colors of Life, a non-profit organization based in Washington, D.C., believes that by combining art with charitable activities, the quality of life and conditions of less-fortunate children can be improved. During the past five years, Colors of Life has sponsored artistic and cultural events, notably an annual international photo contest. It works to create opportunities

for talented artists from all over the world while raising awareness and funds on issues that affect children and youth.

The exhibition opened Nov. 4 in Washington, D.C., at Pepco Edison Place Art Gallery. The Colors of Life exhibition is titled "From Distress to Hope." It includes photographs of children in different countries of the world, from Bangladesh to Argentina, Romania to India, Cambodia to Guatemala. In these shots, the subjects are alone, sometimes in a group, photographed in any moment — there is no script. The subjects look straight at the lens with naturalness.

The photographs will travel to multiple venues throughout the country to raise awareness and funds for Every Child Matters advocacy efforts during the electoral campaign of 2012. Barbato, a second-year medical student at DeBusk College of Osteopathic Medicine, photographed her subject while on a medical mission trip to Haiti.

Thoughts on the photograph by the artist:

"This photograph was taken on my last day of a medical mission trip to Haiti and the Dominican Republic. I was standing on the deck of the hospital in Jimani, overlooking this field. I was reflecting on my experiences from the past week and spotted this lone child clutching a book. I was struck not only by the contrast of his red shirt with the golden native grasses glowing in the sunset, but also by the serenity of his expression, unknowing of the challenges he would face if he was ever able to transcend the world of poverty and deprivation he lives in. The valley he stood in, with the mountain behind him, seemed to symbolize the almost impossible upward climb to a better life that in the end only education and opportunity could make possible. I was also overwhelmed with curiosity about the book he is holding — was it a children's picture book or something that challenged his intellect in a positive way? In a country where material ownership is scarce, the book was possibly one of his only possessions that he carried with him that evening for safe keeping."

All winning photos can be seen at <http://www.colors of life.org/photocontest>

— article courtesy of *The Advocate-Messenger* (Danville, Ky.)

continued on page 22

Student Achievements

continued from page 21



Brittany Grady

Brittany Grady, Class of 2013, has been selected as LMU-DCOM's Student Doctor of the Year (SDOY). SDOY is a program of the Council

of Osteopathic Student Government Presidents (COSGP). The primary focus of the award is to acknowledge students' commitment to their school, their community and the osteopathic profession.



Dustin Summers

Dustin Summers, Class of 2015, writes a quarterly column for *Rural Roads* magazine, a publication of the National Rural Health Association. The first installment

can be viewed online at <http://ruralroadsonline.com/Beginnings:%20Dustin%20Summers>.



Christopher Perry

Christopher Perry, Class of 2012, had his article "NASA and the Future of Emergency Care" published in the print and online edition of *Emergency Physicians Monthly*.

Perry participated in NASA's Aerospace Medicine Research clerkship in Fall 2010, and his article is a reflection on his experience.



Gabrielle Meyer



Anastasia Kurta

Class of 2014 members **Gabrielle Meyer** and **Anastasia Kurta** received DeBusk Research Fellowships to pursue research projects during Summer 2011. Meyer conducted her research at King's College, London, and Kurta completed her research at the University of Miami.



Patricia Brooks Goodwin

Patricia Brooks Goodwin, Class of 2015, was published in *The Journal of Lipids* in July 2011. The article is Lindsey R. Boone, Patricia A. Brooks, Melissa I. Niesen, and


Gene C. Ness, "Mechanism of Resistance to Dietary Cholesterol," *Journal of Lipids*, vol. 2011, Article ID 101242, 9 pages, 2011. doi:10.1155/2011/101242

Matthew Nealeigh, Class of 2014, was commissioned as an Ensign in the United States Navy in December 2011 as part of the Navy Health Professions Scholarship Program (HPSP).

The commissioning ceremony took place at LMU-DCOM and was conducted by Rear Admiral William E. Leigher, the U.S. Navy's Director of Warfare Integration for Information Dominance. Nealeigh served as Leigher's flag aide for two years prior to enrolling in medical school.



Nealeigh received his bachelor of science degree in biology from Wayne State College in 2003 and earned his commission through Officer Candidate School aboard Naval Air Station Pensacola in October 2004. Following a stint at Navy Operations Information Command Georgia, Nealeigh was deployed to Iraq, where he was honored with the Bronze Star Medal for service as the Signals Intelligence Officer-in-Charge and assistant squadron targeteer for Naval Special Warfare Squadron ONE (SEAL Teams ONE and TWO). During this deployment he became the Navy's first cryptologist to earn designation as a Fleet Marine Force Qualified Officer.

At LMU-DCOM Nealeigh served as class president in 2010-2011. He currently serves on the Student Curriculum Subcommittee and was the class representative to the 2010-2011 Honors and Ethics Committee. He is vice president of the Military Medicine Club and vice president of the Special Tactics and Operational Rescue Medicine Club and an active member of several other student organizations. Nealeigh is the son of Ron and Ellen Nealeigh of Norfolk and is married to the former Kellie Burns of New Jersey. 

Faculty/Staff Happening



in pharmaceutical chemistry.

Dr. Mary Beth Babos, assistant professor of pharmacy, graduated from the University of Florida with a Master of Science



Dr. Gina DeFranco, assistant professor of family medicine, spoke about women's health issues at the January meeting of the

Middlesboro, Ky., Daughters of the American Revolution (DAR). DeFranco also submitted a chapter with **Edward Pokorny, Class of 2013**, for the *5 Minute Consult* on the topic of peripheral artery disease.

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Johnathan Greene, AHA training lab coordinator, participated in the International Trauma Life Support Competition held in Nashville, Tenn. in October 2011. The Tennessee team competed against six other teams, from Niagara, Ontario, North Carolina, Japan, Slovenia, Tennessee and Alabama. Greene has been selected to participate in next year's competition in Florida.



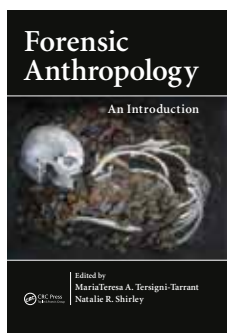
Dr. Jonathan Leo, professor of neuroanatomy and associate dean of students, attended the International Society for Ethical Psychology and Psychiatry conference in Los Angeles, Calif., in Fall 2011 and gave two talks. One was a keynote address titled "The Adventures of Dr. Nobody." The second was on an evidence-based literature panel titled, "What Clinicians Should Know About the Scientific Literature." Leo also gave a talk at East Tennessee State University on "The Myth of Evidence Based Medicine."



Dr. Burt Routman, professor and chair of family medicine, was reappointed as chair of the Program Committee for the American College of Osteopathic Family Physicians. He also serves on the Test Construction Committee for the COMLEX Part II Practical.



new skeletal collection housed there. The project is aimed at refining parameters used to estimate age from the pubic symphysis in individuals under 40; the results of the research will be disseminated to the forensic community at the 2013 national forensic meetings. Shirley and her co-editor MariaTeresa Tersigni-Tarrant submitted their textbook, *Forensic*



Anthropology: An Introduction, to Taylor-Francis Group on December 20. The book is now in production and will be published this summer. The book is designed for introductory forensic anthropology courses, with a special focus on best practices in forensic anthropology and current and/or burgeoning research in the field. The edited volume has 22 chapters and an ancillary CD for educators; each chapter is written by professionals with research and practical expertise in the topic area. The cover art for the book was done by **Amelia Sybenga, Class of 2013**.



Lisa Travis, medical librarian and instructor of medical library resources, has completed the following scholarly activities: Posters: Travis, L. (2011, October 8). Linking your alumni with electronic library resources. Poster session presented at the 61st Annual Meeting of SC/MLA, Augusta, GA and Travis, L. (2011, October 8). On par with electronic books. Poster session presented at the 61st Annual Meeting of SC/MLA, Augusta, GA. Presentations: Hester S, Travis L, & Vaughn C. (2011, August

24). Panel discussion on health literacy. Panel discussion at KAHSLC meeting, Knoxville, TN; Travis, L. (2011, June 16). TLA Rewind: Games, tutorials, and more: Partner to provide helpful links for the curriculum. GoToWebinar webinar by L. Travis; Lindsay, J. M., Marcum, R., & Travis, L. (2011, May 12). TLA Rewind: Special Library Report: TSERC Special Library Subcommittee. GoToWebinar webinar by J. M. Lindsay. PowerPoint slides are available at <http://tnla.org/displaycommon.cfm?an=1&subarticlenbr=436>.

Publications: Lindsay, J. M., Marcum, R., & Travis, L. (2011); TLA rewind: Special library report. Tennessee Libraries, 61(2). Retrieved from <http://tnla.org/displaycommon.cfm?an=1&subarticlenbr=436>; Travis, L. (2011). Book review: Matter of conscience: Redemption of a hometown hero, Bobby Hoppe. Tennessee Libraries, 61(2). Retrieved from <http://tnla.org/associations/5700/files/TLv61n2BookReviews.cfm>; Travis, L. D. (2011). Natural Medicines Comprehensive Database (NMCD): A review. Journal of Electronic Resources in Medical Libraries, 8(2), 169-180. doi:10.1080. Service: Moderator, GoToWebinar webinar, Measuring the Outcome and Value of Libraries, for ETLA; November 9, 2011; Chair, Bylaws Committee, SC/MLA, October 2011 – present; Secretary, UTK SIS Alumni Society, October 2011 – present; Judge for papers and posters; 61st Annual Meeting of SC/MLA; Augusta, GA; October 7-8, 2011; Online website usability focus group, National Networks of Libraries of Medicine (NN/LM) Southeastern/Atlantic (SE/A) Region, September 2011 – present; Fundraising/Vendors Committee, MLA Quad Chapter Meeting 2012, September 2011 – present.



Dr. Paul L. Wood, professor of pharmacology, is the lead author on the study "Cellular diamine levels in cancer chemoprevention: modulation by ibuprofen and membrane plasmalogens," published in Lipids in Health and Disease, 2011, 10:214.

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THE DATE**

Saturday, May 12, 2012

Graduation Ceremony for the
Lincoln Memorial University-
DeBusk College of Osteopathic Medicine
Class of 2012

10 a.m. in Tex Turner Arena
Reception to Follow

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