TOP STORY

Jones Receives NCI Grant

Glioblastoma, the most common type of malignant brain tumor, is a real killer. Most people die within the first two years of diagnosis regardless of the treatments used. With the help of a grant from the National Cancer Institute (NCI), a component of the National Institutes of Health, Terreia Jones, PharmD, assistant professor of Clinical Pharmacy (pictured below), is researching how drugs used to treat glioblastoma change tumor cells, in hopes of understanding treatment resistance. There are several different cell types that make up these tumors, and all contribute to drug therapy response. The $500,000 grant to the University of Tennessee Health Science Center (UTHSC) supports Dr. Jones' efforts to understand how the drugs used against this disease effect the different cell types that make up the glioblastoma tumors. This work will pave the way to identify new drug targets and treatment approaches for glioblastoma.
Jones NCI Grant – continued

The NCI grant will be distributed during a four-year period, and is a major milestone for Dr. Jones' brain cancer research program because unlike her past grant awards, this is the first NCI-funded grant she has received. Dr. Jones works with brain cancer scientists across the country. "I’m very excited about moving this project forward. We believe that this work will lead to important advances in how brain cancer patients are treated in the future," she said.

Rowe Awarded HRSA Grant for Interprofessional Education

A. Shaun Rowe, PharmD, BCPS is a co-investigator on a $1,080,320 grant funded over 3 years through the US Department of Health and Human Services, Health Resources and Services Administration. The grant is the result of a collaboration of the UT Colleges of Nursing, Medicine, Pharmacy and Engineering. The primary object of the project is to integrate clinical simulation, distance education, and delivery of care using telehealth into interprofessional education. The project proposes to form interprofessional teams of two students from each discipline for an 8-week experience. The teams will spend 4 weeks gaining knowledge of each discipline’s role, shared values, and communication in an interdisciplinary team environment. In addition, to prepare for patient care, the teams will spend 2 weeks participating in clinical simulations designed to incorporate problem solving, quality, ethics, telehealth, and processes in an interdisciplinary environment. The learning experience will culminate with the teams providing care to patients in the Vine Middle School clinic and, via telehealth technology, other Knox County School Clinics. The Vine Middle School Clinic has provided healthcare services to underserved children in Knox County Schools for the past 15 years. In addition to providing an excellent framework to evaluate questions of practice, teamwork and patient care that may arise with an interdisciplinary team model, the project will provide additional resources for an underserved population in the East Tennessee region. This project is designed to be sustainable with a goal of developing curricula for all disciplines that can be incorporated and provide credit for currently required course work.

Dr. Rowe was appointed as a full time faculty member of the College of Pharmacy in July of 2011 and is currently an assistant professor of Clinical Pharmacy at the University of Tennessee College of Pharmacy, Knoxville Campus. His current practice area is Neurocritical Care and Neurology at the University of Tennessee Medical Center. Dr. Rowe received a Doctor of Pharmacy Degree from Campbell University School of Pharmacy in 2003. He completed an ASHP – accredited Pharmacy Practice Residency at The University of Tennessee Medical Center in 2004. In 2005 he received Board Certification from The Board of Pharmaceutical Specialties as a Pharmacotherapy Specialist.

Dr. Rowe’s research interests include hematologic dysfunction secondary to neurologic injury, neurologic trauma, ischemic stroke and interprofessional education.
Chancellor Steve Schwab hosted a reception honoring Dr. Marie Chisholm-Burns on her appointment as Dean of the UT Health Science Center College of Pharmacy. The event took place Tuesday, October 30th in the Grand Lobby of the College of Pharmacy building in Memphis. Dean Chisholm-Burns and her family (pictured below left) were on hand to greet UTHSC staff, students, and alumni during the event. Drs. Ryan Yates, John Buolamwini and Pam Phillips chat with Dean Chisholm-Burns (pictured left). “My family and I appreciate the warm welcome that was extended to us by UT Health Sciences Center, the College of Pharmacy and the alumni,” said Dean Chisholm-Burns.
Distinguished Poster for Rowe at Neurocritical Care Society Meeting

Dr. Shaun Rowe’s research was named a Distinguished Poster on October 6, 2012 at the Neurocritical Care Society Annual Meeting. The research, titled Coagulation Profiles using Thromboelastography after Tissue Plasminogen Activator Administration for Acute Ischemic Stroke, was conducted in collaboration with Drs. Christal L. Greene, Carolyn G. Snider, Brian Wiseman, Jennifer M. Henry, Roger C. Carroll, J. Russell Langdon, and Robert Craft. Dr. Rowe and Christal Greene (pictured right) at the Neurocritical Care Society Annual Meeting. Only 24 out of 297 posters at the meeting were awarded the honor of Distinguished Poster.

Boulamwini Named Rhodes Scholar

Congratulations to Joy Buolamwini for the distinguished honor of being named a 2013 Rhodes Scholar. Joy is the daughter of John Buolamwini (both pictured right), professor in the Department of Pharmaceutical Sciences at UTCOP. Joy recently graduated from Georgia Tech with a degree in computer science. She will travel to the UK next year where she will pursue a secondary degree in Global Governance and Diplomacy and African Studies at the University of Oxford. The Rhodes Scholarship is only awarded to 32 U.S. students each year. Joy was also named a Fulbright Scholar for 2013 and will use the grant to improve access to education in Zambia.
FACULTY PUBLICATIONS


FACULTY POSTERS

FACULTY PRESENTATIONS

- **Finks SL.** First do no harm: proven and possible adverse effects of complementary and alternative medicines; November 7, 2012. Los Angeles, CA.
- **Foster SL.** Immunization for all ya’ll. Mississippi Society of Consultant Pharmacists; October 19, 2012. Jackson, TN
- **Foster SL.** Immunization news for adults and children 2012. Annual Tom D. Rowe Lecture for the University of Michigan; October 12, 2012. Ann Arbor, MI
- **Foster SL.** Immunization update for pharmacists. Indiana Pharmacy Alliance; September 21, 2012. French Lick, IN
- **Rowe AS.** Contemporary pharmacy challenges in the neuro critical care unit. Neurocritical Care Society Annual Meeting; October 6, 2012.
- **Rowe AS.** Emergency reversal of new anticoagulants: focus on Xa-inhibitors and direct thrombin inhibitors. Neurocritical Care Society Annual Meeting; October 5 and 7, 2012.

STUDENTS & RESIDENTS

UT Honored at APhA-ASP Midyear Regional Meeting

Over 150 student pharmacists from the University of Tennessee College of Pharmacy attended the ASP Midyear Regional Meeting in Raleigh, NC in early November. The 150 in attendance was the most among all chapters that attended the meeting. UTCOP students Kelly Covert (pictured below left) and Josh Sanders were recognized as outstanding chapter members at the meeting. UTCOP competed with 24 other schools of pharmacy to win the Chapter Challenge Award. This award was given to the chapter that generated the most interest at their school for the MRM meeting. UT earned the honor by setting up membership drives, organizing “phlash mobs” and submitting pictures of various APhA-ASP activities. P3 student pharmacists, Rachel Wilkinson, Ashley Marshall, Kelly Dyer and Lindsey Plogger (pictured below right), review proposals at the meeting.
STUDENTS & RESIDENTS

Student Pharmacists Paint ‘The Rock’

In October of this year, in support of national pharmacy month, student pharmacists got together to display awareness for the profession of pharmacy. Members of Knoxville’s APhA-ASP chapter gathered on the University of Tennessee Knoxville campus to paint “The Rock”. “The rock” serves as a canvas for student messages on campus, so with paint in hand, our student pharmacists broadcasted the “Know Your Pharmacist, Know Your Medicine” slogan for all on campus to see.

Student Pharmacists Compete in Ragnar Relay

Several student pharmacists from the College of Pharmacy participated in the Ragnar Relay on November 9th and 10th. The Ragnar Relay is a 196 mile run that takes teams of 12 runners from Chattanooga all the way to Nashville. “The Memphis Drug Lords”, comprised of several P4 student pharmacists, ran and finished the relay in 29:32:18. Runners from UTCOP included Lindsey Wells, Whitney Elliott, Mary Margaret Maxwell, Erin Latendresse, Megan Perry, Jana Sterling, Jonathan Lister and Eric Jones.
Reeves-Sain, the Murfreesboro pharmacy and health care provider, was highlighted in the September issue of America’s Pharmacist, the official magazine of the National Community Pharmacist Association (NCPA). Founded over 32 years ago as an independent pharmacy, the Reeves-Sain family of medical services has grown to include specialty pharmacy, home infusion, and long-term care and medical supplies. Owners Rick Sain ('89) and Shane Reeves ('94) (pictured below) contribute their success to their commitment to staff, customers, community, strategic innovation and long-term viability. Rick and Shane have both received Tennessee’s Young Pharmacist of the Year Award. Reeves-Sain is also known for their award-winning milkshakes.
Alumni Weekend In Knoxville

The University of Tennessee Health Science Center College of Pharmacy and Office of Development and Alumni Affairs held several events in Knoxville during the second weekend in November as part of our annual Alumni Weekend. The Alumni Board of Directors and Dean’s Advisory Council conducted a business meeting on Friday November 9th, 2012. The Awards and Reunion Luncheon honored our Golden Graduates from the Class of 1962.

Alumni Weekend closed on a high note with the Pharmacy Alumni Tailgate and UT vs. University of Missouri football game on Saturday afternoon.
ALUMNI & FRIENDS

During this holiday season, the University of Tennessee Health Science Center College of Pharmacy is deeply thankful for your loyalty and contributions to our success. We sincerely appreciate our UTCOP family and extend to you our best wishes for a happy and healthy holiday season!

Attention Holiday Shoppers!
ASP is selling UTCOP ornaments for $7! Feeling a little chilly this holiday season? Bundle up with UTCOP embroidered fleece blankets for $18! For questions contact Elizabeth Pickern epickern@uthsc.edu in Memphis or Toree Walker vwalker5@uthsc.edu in Knoxville.

Acknowledgements
Special thanks to fourth year student pharmacists, Josh Cortopassi and Thad McGiness, for their valuable contributions to this edition of College of Pharmacy News.

Visit our website at: www.uthsc.edu/pharmacy

The University of Tennessee College of Pharmacy

Please submit news items to dbyrd4@uthsc.edu