



College of Pharmacy

The University of Tennessee Health Science Center

Memphis • Knoxville

To serve as a model for pharmacy education, practice, research, and outreach in Tennessee and beyond

April 2013

Student Pharmacist Nick Capote APhA-ASP National President-Elect

University of Tennessee College of Pharmacy second year student pharmacist Nick Capote was elected national president elect at the American Pharmacists Association-Academy of Student Pharmacists (APhA-ASP) annual meeting in Los Angeles last month.



When asked about himself, Nick Capote stated, "I come from an area of southern Texas affectionately labeled by most Texans as 'The Hill Country'. I was born in San Antonio, where I learned that hunting and fishing take precedence over most things. Upon leaving the nest after high school, I spent the next four years attending The Ohio State University where I met my best friends, learned how to build a snowman, and found a love for

college football. The need for some serious southern cooking and a high quality pharmacy education brought me to the Mississippi River Valley where I found a place at The University of Tennessee College of Pharmacy. Though my path is ever changing, I understand that I was put on this Earth to become a pharmacist. The most unique and dynamic profession; we have found our niche as educators, drug experts, and advocates for our patients and profession. My plan is to leave the profession better than I

UPCOMING EVENTS

CLINICAL PHARMACY GRAND ROUNDS

Drs. Christa George and Katie Suda

April 18

PHARMACEUTICAL SCIENCE SEMINAR

"Biosensing and Drug Delivery Using Stimuli Sensitive Hydrogels and Microfabricated Structures" by Dr. Robert Siegel

April 8

SPRING DATES TO REMEMBER

ASP Awards Banquet	Apr 12
Pharmacy Weekend	Apr 12-14
Last Day of Classes	May 3
White Coat Ceremony	May 7
Spring semester finals	May 6-10
Memorial Day	May 27
Leadership Retreat	May 29-30
Honors and Awards Convocation	May 30
Graduation	May 31

PHARMACY UPDATE 2013

Knoxville	Apr 6-7
Chattanooga	Apr 13-14
Memphis	Apr 27-28
Johnson City	Apr 20-21

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TOP STORY

Capote President-Elect – continued

found it by learning from those before me, connecting with those around me and implementing my own ideas for the betterment of our patients and the medical community.”

Capote said in his speech for APhA President, “I view pharmacy as a lifetime commitment to my patients, colleagues and profession. My pride in the ability of the profession to impact patient lives continually drives my self-development. Vince Lombardi felt that leaders are not born, but made. I do not wait for opportunities to present themselves, but rather find or create them. Proactivity, creativity, engendering trust amongst my team and humor are each trademarks of my leadership style.”



MORE TOP STORIES

Evans and Relling Honored by American Society of Clinical Pharmacology



Dr. William E. Evans, CEO of St. Jude Children’s Research Hospital, received the Oscar B. Hunter Memorial Award in Therapeutics for outstanding contributions to clinical pharmacology and therapeutics. Dan M. Roden, MD presented the award to Dr. Evans (pictured far left). This award recognizes a meritorious career in drug research, excellence or contributions in direct patient care, and a distinguished teaching career. The Oscar B. Hunter Memorial Award in Therapeutics is the Society’s premier award. The goal of the award is to honor a scientist for outstanding contributions to clinical pharmacology and therapeutics over the individual’s professional life. Dr. Evans’ award lecture was entitled “Cancer Pharmacogenomics: Childhood Leukemia as a Model.”

Dr. Mary Relling, chair of the Department of Pharmaceutical Sciences at St. Jude Children’s Research Hospital (pictured far right) received the Rawls-Palmer Progress in Medicine Award from immediate past president, Kathleen M. Giacomini, PhD. The goal of the Rawls-Palmer Progress in Medicine Award is to incorporate the efforts of modern research in patient care and to help bridge the gap between the results of research and its application in patient care. As the award recipient, Dr. Relling presented an award lecture titled “Clinical Implementation of Pharmacogenomics.”



FACULTY

Wang, Hong, Parker Awarded Pfizer Grant

Department of Clinical Pharmacy faculty, Junling Wang, PhD, (pictured below left) associate professor and her co-investigators, Song Hee Hong, PhD, (pictured below center) associate professor and Robert B. Parker, PharmD, professor (pictured below right) have been awarded a \$144,840 grant from Pfizer. The grant will support an "Historical Cohort Study on Discontinuation/Interruption of Warfarin Therapy and Outcomes in Patients with Atrial Fibrillation" with the objective to determine patterns, timing, predictors, and outcomes of discontinuation/interruption of warfarin therapy in patients with atrial fibrillation.



Phelps and Swanson Visit Saudi Arabia

Drs. Joe Swanson, Stephanie Phelps and Andrew Jarrell participated in an educational program in Riyadh, Saudi Arabia in February 2013. The two day conference entitled "Optimizing pharmacy education and training" was hosted by the National Guard Health Affairs and the King Saud bin Abdulaziz University for the Health Sciences (KSAU-HS). Dr. Phelps conducted a joint presentation with Dean Abdulmalik Alkatheri that described the educational collaboration between the KSAU-HS and University of Tennessee College of Pharmacy. She also presented a lecture entitled "Experiential education: Challenges in curricular design, delivery and allocation of resources". Dr. Swanson presented methods for incorporating modeling into resident education in a session entitled "Optimizing pharmacy training for residents." Following his presentation, he participated in a panel discussion about American techniques used to train pharmacy residents. Dr. Andrew participated in an international poster presentation of his work entitled "Pharmacist-managed care of patients with heart failure throughout the hospital to home transition". Drs. Swanson, Phelps and Jarrell are pictured L-R with Abdulkareem Bekairy, PharmD , associate dean, Academic and Student Affairs, KSAU College of Pharmacy (far left) and Dean Abdulmalik M. Alkatheri, BS, PharmD (middle).



FACULTY



Crill Appointed Chair of Nutrition Support Council for the Board of Pharmaceutical Specialties

Catherine M. Crill, PharmD, FCCP, BCPS, BCNSP will be serving as the Chair of the Nutrition Support Council for BPS this year. She served as vice-chair last year and has served as a council member since 2009. Nutrition support pharmacy addresses the care of patients who receive specialized nutrition support, including parenteral and enteral nutrition. Those who are granted certification in this specialty may use the designation Board Certified Nutrition Support Pharmacist and the initials BCNSP, as long as certification is valid.

Crill graduated cum laude from the University of Tennessee, Knoxville in 1992 and received her Doctor of Pharmacy degree from The University of Tennessee Health Science Center in 1996, where she was the recipient of the Roche Pharmacy Communications Award. She completed residency and fellowship training in Pediatric Pharmacotherapy and Nutrition Support at Le Bonheur Children's Medical Center and The University of Tennessee Health Science Center from 1996 to 1999. Dr. Crill is Associate Professor of Clinical Pharmacy and Pediatrics, and is a Board Certified Pharmacotherapy Specialist (BCPS) and a Board Certified Nutrition Support Pharmacist (BCNSP). Dr. Crill sees patients and trains student pharmacists and residents at Le Bonheur Children's Hospital, where she serves as Clinical Pharmacy Specialist and Director of the Parenteral Nutrition Service. Her research interests are in the area of neonatal and pediatric parenteral nutrition, focusing on micronutrients and patient safety. In addition to active involvement in numerous professional organizations, Dr. Crill has published over 20 papers in peer-reviewed journals, 7 book chapters, and over 30 scientific abstracts.

Greene Honored as Student Advocate by TSSP

The Tennessee Society of Student Pharmacists (TSSP) Student Advocate Award was presented to William L. (Bill) Greene, BS Pharm, PharmD, BCPS, FASHP. The criteria for the award include: commitment and dedication to the professional development of student pharmacists, exemplary patient care and exceptional relationships with other healthcare professionals and demonstrated professionalism in any of the following ways: volunteering, teaching, philanthropy or precepting.

Dr. Greene is currently Chief Pharmaceutical Officer and Member, Pharmaceutical Department, at St. Jude Children's Research Hospital in Memphis. He is responsible for all clinical, operational, educational, and professional aspects of Pharmaceutical Services, and collaborates as a faculty member with administrative, academic, and research activities at St. Jude. Bill received his BS in Pharmacy from the University of North Carolina, Chapel Hill, his PharmD from the University of Tennessee College of Pharmacy ('81), and completed residency training at Duke University Medical Center in Durham, NC.



FACULTY

Hoffman Quoted on Historic Year in Drug Spending in Commercial Appeal

The national price tag for prescription drugs held steady last year and that was enough for industry watchers to proclaim it an unprecedented year in recent history, according to a recent ASHSP report. James M. Hoffman, medication and safety officer at St. Jude Children’s Research Hospital, and a lead author of the ASHSP report, stated “there were new products that caused expenditures to go up and prices went up but it was counterbalanced by a big decrease in volume, amount of use and the types of products we use...”

See full story at <http://www.commercialappeal.com/news/2013/mar/06/historic-year-as-drug-spending-held-steady/>

FACULTY PUBLICATIONS

Hong S, Wang J, Tak S. A patient-centric goal in time to blood pressure control from drug therapy initiation. *Clin Trans Sci* 2013;6(1):7-12.

McClellan NH, Byrd DC, Brown RO. Capacity ratios to assess the solvency of a college’s advanced pharmacy practice experience program. *AJPE* 2013;77(2): Article 28.

Poirier TI, Kerr TM, **Phelps SJ.** Academic progression and retention policies of colleges and schools of pharmacy. *AJPE* 2013;77(2): Article 25.

FACULTY PRESENTATIONS

Dickerson Visiting Expert for Singapore Ministry of Health

Roland N. Dickerson, PharmD, BCNSP, FACN, FCCP, FASHP, FCCM, professor of Clinical Pharmacy (pictured seated center below), recently returned from an invited Visiting Professorship in Singapore. The purpose of his visit was to evaluate and facilitate improvement in parenteral and enteral nutrition therapy in Singapore. While there, he visited five major hospitals; rounded with nutrition support teams; had sit-down discussions with nutrition teams; and gave fourteen lectures on ten different topics at various hospitals and at the national university in Singapore. The professorship was sponsored by the Singapore Ministry of Health. Dr. Dickerson is pictured right with members of the nutrition support team from Singapore General Hospital.



FACULTY PRESENTATIONS

Farland and Franks Present at National Team-Based Learning Conference and UTHSC's Spring Into Success with Team-Based Learning



“Implementing team-based learning in a team taught course” and was presented by Jennifer Robinson (University of Washington), Michelle Farland (UTHSC-pictured left), Andrea Franks (UTHSC-pictured right) and Brigitte Sicat (Virginia Commonwealth University) at the 12th Annual Team-Based Learning Collaborative Conference in San Diego. The audience attending this annual conference is comprised of educators from all aspects of education (K-12, undergraduate, graduate, professional). More information about the Team-Based Learning Collaborative, is available at: www.teambasedlearning.org



Drs. Farland and Franks, associate professors of Clinical Pharmacy also presented a workshop as part of the UTHSC program “Spring Into Success with Team-Based Learning.” Previous UTHSC faculty development programming has focused on the basics of team-based learning (TBL) and its benefits in health professions education. This workshop was designed for faculty currently using or implementing TBL. Using a TBL structure, 25 participants from the Colleges of Medicine, Nursing, Allied Health, and Dentistry worked in teams to simulate the readiness assurance process and to discuss cases that address important TBL challenges such as team application exercises, facilitation skills, and team teaching. Dr. Cindy Russell told us: “What a fabulous session! Drs. Farland and Franks conveyed their passion and expertise in TBL. The audience responded with energetic enthusiasm to the workshop. We are extraordinarily fortunate to have nationally recognized experts in TBL on our faculty! Several participants have conveyed their appreciation for the workshop and hope that we can continue sessions such as these in the future”. The blog post that describes the college presentations and contains a link to the MediaSite recording of the UTHSC sessions is here: <http://uthscfrc.wordpress.com/2013/03/26/spring-into-success-with-team-based-learning/>

Dean Chisholm-Burns Shares State of the College Address

Last month Dean Marie Chisholm-Burns shared an important message on the State of the University of Tennessee College of Pharmacy. The full address may be viewed at <http://www.uthsc.edu/pharmacy/about/state.php> .

Farr Addresses OTC Drug Abuse with Corrections Association

Glen Farr (photo) spoke on March 13th to the Tennessee Community Corrections Association (TCCA) meeting in Chattanooga on the topic of “Rx & OTC Drug Abuse.”

STUDENTS, GRADUATE STUDENTS & RESIDENTS

Phi Lambda Sigma Pharmacy Leadership Society & Rho Chi Pharmacy Honor Society 6th Annual Induction Ceremony

The Rho Chi and Phi Lambda Sigma 6th annual joint banquet was held on Saturday, March 16 at the UTHSC Student Alumni Center in Memphis. Dean Marie Chisholm-Burns gave the opening remarks and the keynote speaker was Dr. Germaine Robottom (pictured right), senior director of Health & Wellness for Walmart's pharmacy and optical operations in Tennessee, Mississippi, Louisiana, and Texas.



The Theta chapter of Phi Lambda Sigma is proud to initiate the following student pharmacists:

Class of 2014 – Maureen Cooper, Natalie Finch, Sperry Kotsianas, Ashley Marshall, Keysha Ray and Brett Toney

Class of 2015 – Samantha Adams, Elly Baker, Yousef Behbahani, Daniel Bradley, Ah Young Byun, Nick Capote, Susan Dickey, Hannah Eberle, Phillip Guidry, Brian Henderson, Jessica Keen, Mitchell Keen, Courtney Kennemore, Fern Lawson, Nathaniel Owen, Katie Qualls, Jennifer Reed, Josh Sanders, Erica Schumacher, Becky Shaffer, James Smith, Amy Sparkman and Victoria Walker



The Alpha Nu chapter of Rho Chi is proud to initiate the following student pharmacists:

Class of 2014 – Anna Anthony, Zachary Drabick, Erin Kelley, Supriya Ponnappala, Keaton Smetana and Samantha Wheeler

Class of 2015 – Samantha Adams, Sean-Paul Bergeron, Katherine Bobbitt, Bradley Burk, Rachel Calkins, Rachel Childers, Susan Dickey, Hannah Eberle, Emily Foster, Travis Goodwin, Brian Henderson, Joseph Hollenback, Jessica Keen, Mitchell Keen, Molly Kinsella, Morgan Machen, Chelsey McCoy, Stephanie Parker, Elizabeth Pickren, Jennifer Reed, Derrick Rinehart, Kristy

Robertson, Erica Schumacher, Rebecca Shaffer, Vata Sitimascharoen, James Smith and Dagny Ulrich

ALUMNI & FRIENDS

Broussard Honored By APhA-APPM

The American Pharmacists Association (APhA) announced Charles J. Broussard, BSPHarm, MEd, FAPhA, of Maineville, OH, as the 2013 recipient of the APhA Academy of Pharmacy Practice and Management (APhA-APPM) Distinguished Achievement Award in Service. The APhA-APPM Distinguished Achievement Award in Service recognizes an individual who has made significant or sustained contributions in the area of service to their community, their state or the national level.

Broussard earned his BSPHarm from the University of Tennessee Health Science Center in 1974 and his MEd in Agency & Community Counseling - Specialty Chemical Dependency from Xavier University. Broussard has received several awards including the Beal Award from the Ohio Pharmacists Association (2005), the APhA-APPM Merit Award (2008); the Linwood F. Tice Friend of the APhA-ASP Award (2009) and the University of Utah School of Medicine - Ewart A. Swinyard Award (2011). He is a member of APhA, Ohio Pharmacists Association, Ohio Society of Health Systems Pharmacists, Greater Cincinnati Society of Health-System Pharmacists, and National Catholic Council on Alcoholism and Related Drug Problems



Read the full story at: <http://www.pharmacist.com/charles-j-broussard-receives-2013-apha-appm-distinguished-achievement-award-service>

Beightol Receives APhA Achievement Award in Nuclear Pharmacy

The American Pharmacists Association (APhA) announced Robert Beightol, PharmD, BCNP, FASHP, FAPhA, of Salem, VA, as the 2013 recipient of the APhA Academy of Pharmacy Practice and Management's (APhA-APPM) William H. Briner Distinguished Achievement Award in Nuclear Pharmacy Practice. Beightol was selected in recognition of his many professional achievements and work to advance nuclear pharmacy practice. The William H. Briner Distinguished Achievement Award in Nuclear Pharmacy Practice recognizes an APhA-APPM member who has made significant or sustained contributions to the practice of nuclear pharmacy.

Beightol earned his BSPHarm from the University of Georgia and his PharmD from the University of Tennessee Health Science Center in 1976. He is the author of numerous publications and has been asked to present on nuclear pharmacy at meetings nationwide. Beightol has served on nuclear pharmacy committees for many national societies and associations. He has earned several honors throughout the years including, Fellow of APhA and the American Society of Health System Pharmacists, as well as designation by APhA as one the Pioneers of Nuclear Pharmacy Practice.

Read more at: <http://www.pharmacist.com/robert-beightol-receives-2013-apha-appm-william-h-briner-distinguished-achievement-award-nuclear>

ALUMNI & FRIENDS

Robinson Receives Public Policy Award from ASPEN

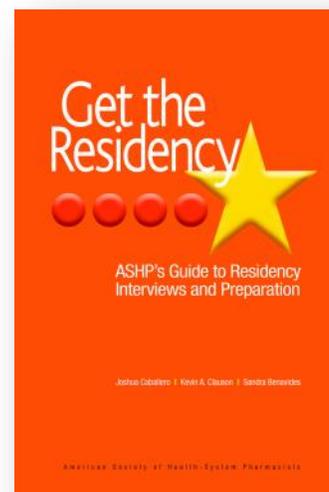
The Barney Sellers Public Policy Award was developed in honor of Barney Sellers, former ASPEN executive director, who had a tremendous impact on public policy and advocacy during his 15-year tenure. It is given annually to an ASPEN member who has significantly contributed to advancing the society's advocacy goals. This year's Barney Sellers Public Policy Award went to Dr. Lawrence Robinson an advanced pharmacy practice experience preceptor and senior medical information specialist at MED Communications, Inc. in Memphis. Larry Robinson is a long time member of the ASPEN Public Policy Committee. He put together a brief on Competitive Bidding in 2006 as comments on the proposed rule to implement the new Medicare Part B competitive bidding program for durable medical equipment, prosthetics, and supplies. He also helped the ASPEN's Public Policy Committee and ASPEN staff support the passage of the 2012 "Food and Drug Administration Safety and Innovation Act," which had strong bipartisan support. He has always been in contact with other advocacy groups both inside and outside the "Beltway." Despite some obstacles, Larry helped to keep advocacy near the front of ASPEN's agenda.



Caballero and Clauson Author Official ASHP Book on Residency Prep

Since the demand for residency positions far outstrips the supply – only about 60% of student pharmacists match nationally – alumni Josh Caballero, PharmD, BCPP ('01) and Kevin Clauson, PharmD ('00) created a course to better prepare their student pharmacists to pursue residency training. Student pharmacists completing that course at Nova Southeastern University College of Pharmacy, where Caballero and Clauson are both associate professors, attained post-graduate training 80% of the time.

That success eventually turned into the recently published book, "Get The Residency: ASHP's Guide to Residency Interviews and Preparation" (<http://store.ashp.org/Default.aspx?TabID=216&ProductId=38659387>). The book was written in collaboration with faculty, clinicians, and residency program directors from across the country. It has been well received by student pharmacists and reviewers alike and is entering its second printing. Dr. Caballero currently directs a neurocognitive fellowship and Dr. Clauson serves as a director of a fellowship in consumer health informatics.



Bell Presents at TSHP Meeting

Gillian C. Bell ('11), PGY2 Clinical Pharmacogenetics Resident at St. Jude Children's Research Hospital, presented a poster entitled "Development of clinical pharmacogenetic competencies" at the Tennessee Society of Health System Pharmacists (TSHP) Meeting in Nashville in February.

ALUMNI & FRIENDS

Cober Mentors Akron Children's Hospital Scholar



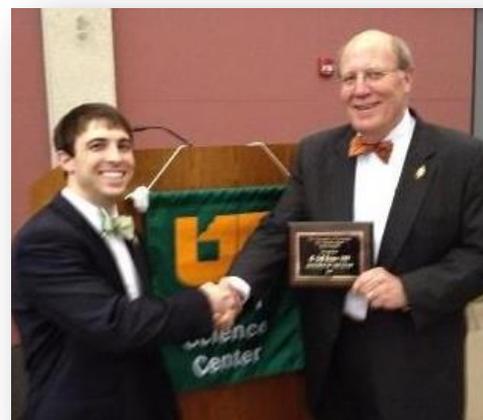
The Children's Oncology Group (COG) Pharmacy Committee has named JoEllen Hanigosky, PharmD, as its first pharmacist scholar. In the photo left, Dr. Mary Petrea Cober (L), mentors Dr. Hanigosky (R). The pharmacist scholar is paired with an established mentor. Hanigosky has been matched with Mary Petrea Cober, PharmD, BCNSP('03), pharmacy clinical coordinator for the neonatal intensive care unit at Akron Children's and an assistant professor of pharmacy practice at Northeast Ohio Medical University.

"COG wants us to study real-world problems," Cober says. "One common concern is that many oncology drugs need to be repurposed before they can be used in children." For example, tablets or capsules may need to be broken and suspended in an agent that includes flavoring. Ideally, these suspensions would remain stable and effective for a family or hospital to administer over period of time, such as a 90-day supply. Their research will help determine if this is the case for a specific medication. Cober has previously conducted stability and compatibility research.

Read more at: <https://www.akronchildrens.org/cms/cog-names-hanigosky-first-pharmacy-scholar/index.html>

Bogue Receives Alumnus of the Year Award

The Phi Lambda Sigma Alumnus of the Year Award was presented to T. Jeff Bogue, III, MS by PLS President, Keaton Smetana. Bogue stated, "I'm extremely proud to receive this award from our outstanding student leadership society, Phi Lambda Sigma. It is very flattering that they would even think of me for this great award. It means a lot to me, and I sincerely thank PLS members." PLS President Keaton Smetana told us, "Nominations are taken from chapter members and then are voted on by the chapter. The alumni member of the year has shown outstanding leadership through actions above and beyond what is expected. This individual should also show enthusiasm for Phi Lambda Sigma and the advancement of Pharmacy."



Drew Armstrong, PLS Past President, received the Chapter Member of the Year Award. This award is for a member who is not a current officer in Phi Lambda Sigma, but has shown outstanding leadership through actions above and beyond what is expected.

Levi Lancaster received a Leadership Scholarship in the amount of \$525, which was donated by all organizations on campus. The scholarship was awarded based on Levi's demonstrated leadership abilities among his peers.

ALUMNI & FRIENDS

Condolences

The College of Pharmacy notes with sadness the passing of **Robert Webster Ferrell**, DPh. Dr. Ferrell, 86, passed away peacefully Saturday, March 9, at the Ave Maria Home. Bob graduated from the University of Tennessee College of Pharmacy in 1950 and owned High Point Terrace Drug Store then later was employed at St. Joseph and St. Francis hospitals. After retiring he enjoyed painting in watercolor, joined the Memphis-Germantown Art League and won many show ribbons and purchase prizes with his art. His other interests included researching a variety of subjects including Biblical history and prophecy, business cycles, WWII aircraft, anthropology and numerous scientific subjects.

The College of Pharmacy extends our sympathy to the family of **Homer R. Hamby** of Kingston who passed away on Monday, Feb. 25, 2013, after a short battle with cancer. He died peacefully, surrounded by members of his family. He attended the University of Tennessee College of Pharmacy and was a member of Rho Chi Honor Society graduating with highest honors in 1961. He was a pharmacist and owner of Kinser Drugs in Kingston. He had served his friends, family and community for 50 years as of Feb. 15, 2013. His contributions to his community and support of all manner of events benefiting his hometown were numerous. These contributions were surpassed only by the concern and compassion he showed to his many loyal friends and customers he served at the pharmacy.

The College of Pharmacy notes with sadness the passing of Dr. **Robert Huntley Taylor**. He obtained a Doctorate in Pharmacy from the University of Tennessee College of Pharmacy in 1977 and was awarded a distinguished fellowship at St. Jude Children's Research Hospital following graduation. Hunt was the first PharmD to ever receive this high achievement. He was a professor of Family Medicine and a clinical pharmacist dedicated to the practice of small hospital pharmacy. He co-founded Duplin Management Associates in 1985, providing pharmacy management services to Duplin General Hospital which is now Vidant Duplin.

Acknowledgements

Special thanks to David Bolton, Nick Capote, Dr. Stephanie Phelps and Keaton Smetana for their contributions to this issue of the UTCOP News.

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The University of Tennessee College of Pharmacy

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