



College of Pharmacy



2019, ISSUE 2

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ALUMNI SPOTLIGHT

COP Welcomes Newest Alumni

On Saturday, May 11, 2019, the ULM College of Pharmacy welcomed the newest members of our alumni family, as the 93 members of the Class of 2019 received their Doctor of Pharmacy degrees during ULM's commencement ceremony. The day before commencement, the College of Pharmacy honored students with a senior luncheon and the Senior White Coat and Recognition Program held in Fant-Ewing Coliseum. Dr. Monica Dzuiba (Pharm.D. '11) served as the guest speaker. Students had the privilege of selecting a faculty member, family member or mentor who significantly influenced their professional development to present their jackets. Eighteen were chosen for PGY1 residencies across the nation and one was accepted into a Ph.D. program in Canada.

See more about our Class of 2019 on page 4.

Dean's Corner

Pharmacy Administrative Council completes GIANT Worldwide Leadership Training



Dr. Gina Craft, Associate Dean for the College of Pharmacy provides this edition's "Dean's Corner" message.

After the College of Pharmacy was separated from the College of Health and Pharmaceutical Sciences, Dean Glenn Anderson recognized a need within our college to cultivate the leadership skills of the Pharmacy Administrative Council (PAC). He believed our team could be strengthened by enhancing the level of trust among team members and charged members to find a program that would fit our needs. After reviewing a variety of programs, the PAC finally settled on GIANT Worldwide. Our yearlong training consisted of two one-hour meetings each month and a 1 & 1/2-day workshop as a conclusion. The objectives of the program were to:

- Transform team communication by understanding our voices, communication styles, and the strengths/challenges of each group member.
- Maximize our influence by leveraging our power within the college as well as with external groups.
- Gain organizational clarity by identifying the vision, mission, values, strategies, tactics, and resources needed to meet future growth goals
- Improve team performance by overcoming inhibitors to team performance, productivity, and satisfaction.
- Multiply our experience by sharing our experiences with others within our college.

- Create a culture of liberation, by adopting a common leadership language that aligns the whole organization and builds a culture of growth and empowerment.

Over the years, I have attended leadership seminars where I picked up good ideas and new information, but, sadly, the ideas were left behind as soon as I returned to the hustle and bustle of everyday life. Due to the consistency of meeting with our facilitator and the other members of the team for one hour, twice per month, I had the opportunity to work on the concepts that I had learned. During those meetings, I learned not only about myself but also about the other members. We shared issues we were struggling with, as well as successes we experienced along the way. I grew to see the team as a sounding board when I was uncertain as to how to proceed in some situations. The team also became a source of encouragement when I was hesitant about new opportunities and challenges. As we progressed through the year, I found that our team meetings began to have a more honest feel to them – we were engaging in lively discussions, including debates, which had become permissible because of the trust that had developed among the group members.

Somewhere around the half-way mark of our journey, we embarked on a revision of our strategic plan. This process illustrated the growth of our group, as the discussions were free flowing, sometimes contentious, but always with respect and collegiality. A process

that traditionally would have bordered on painful became something I looked forward to because the viewpoints and ideas brought by each individual were new and innovative. I found there to be a synergistic energy in the room that further fueled my own desire to do my best and not let the group down.

As we wrapped up our experience with an on-site workshop, I realized just how far our group has come. I believe that we definitely accomplished all of the objectives as stated above. We do communicate differently now. We make certain all voices are heard before making decisions. We've increased our productivity and team performance and have made great strides toward organizational clarity. Lastly, we're committed to making these changes permanent and to creating positive change in the College's culture by sending four members of the team for additional training. This will allow us to replicate this experience for other faculty and staff, not only in the College of Pharmacy, but for colleagues at ULM, our alumni and preceptors, and others who are interested as well.

It's true that the Best Is on the Bayou!!

Faculty Recognized as Outstanding Teacher

Dr. Michelle Zagar receives ULM's Excellence in Teaching Award

Faculty member Dr. Michelle Zagar (Pharm.D. '03) joined the ULM College of Pharmacy in 2004 after spending the first eight years of her career in kindergarten and elementary education. Since beginning her ULM career, this individual has made countless contributions to her students, faculty, staff and peers in the pharmaceutical realm.

She graduated from the University of Southwestern Louisiana with a Bachelor's in Elementary Education in 1990 and Master's in Elementary Teaching in 1995. She then went on to obtain her PharmD from ULM in 2003.

She strives to maximize the interactions of her clinical practice students with their learning material, pharmacy practice, as a mentor and motivator, giving them autonomy and promoting confidence. Her goal is to help students achieve success by devising interesting learning experiences to help them grow and challenge themselves.

Students in her classes are given learning objectives that hold them accountable to a higher standard. This method of early intervention has since been adopted into the College of Pharmacy's Student Success Policy.

She solicits student feedback for her experiential activities, exams, assignments and courses, and implements student suggestions when feasible and appropriate.

Zagar has also served on 25 different committees, subcommittees and task forces

directly related to teaching and learning. She served nine years on the College of Pharmacy's Curriculum Committee developing new, integrated modular designs.

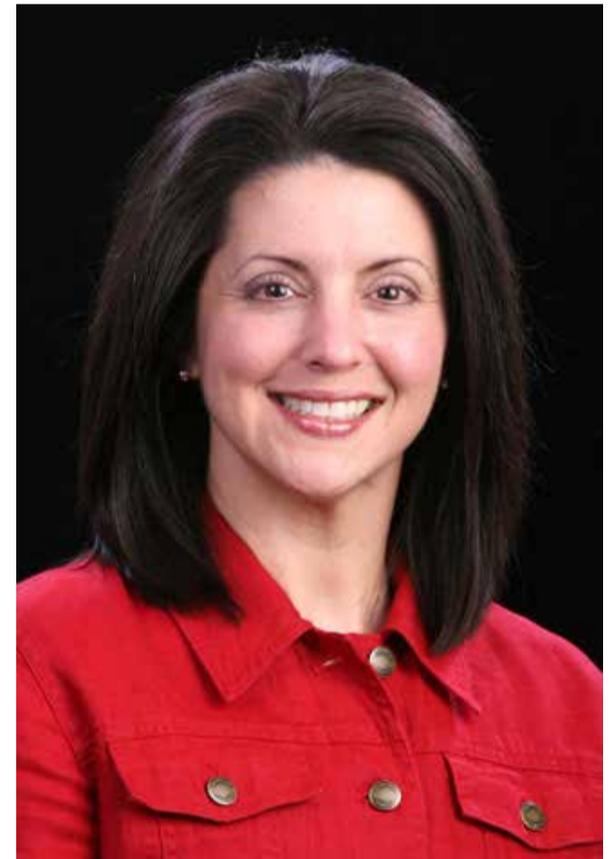
She has received nine teaching awards and honors, currently coordinates and instructs eight courses, published four peer-reviewed manuscripts that have been cited 39 times, and has given over 30 continuing education presentations.

It is no surprise the recommendation letters for her described Zagar as one of the most exceptional teachers in the College of Pharmacy. She encourages and facilitates the transition from the mindset of a student to that of an independent pharmacy practitioner.

Along with her excellent reputation with students is her outstanding reputation among colleagues. This award-winner's willingness to share personal experiences and expertise at the college, university and national level is telling of her exemplary character as an educator.

Zagar considers herself a teacher who happens to be a pharmacist.

https://www.ulm.edu/news/2019/awards_excellence_2019.html?fbclid=IwAR0JLSwG_Yi ta4JHRT9aVB1Nipemg9g42jFYruLHNNcLg-XEcP_jlBLZ3U0





- 93** Class size
- 21** Graduated Cum Laude
- 11** Graduated Magna Cum Laude
- 05** Graduated Summa Cum Laude
- 01** Perfect 4.0

CLASS OF 2019

PGY 1 Residencies

Kristen Seaux
West Florida Healthcare

Clare Olin
University of Mississippi Medical Center

Kat Dupuis
North Mississippi Medical Center

Kayla Leathem
University of Ark. for Medical Sciences

Caitlin Nugent
Central Arkansas VA

Mary Walton
University of Tennessee Medical Center

Hannah Daniel
University of Miss. Medical Center

Calette Corcoran
Ochsner LSU Health

Abigail Gould
Ochsner LSU Health

Amanda Bridges
University of Miss. Medical Center

Savannah Parker
Baylor Scott & White

Tenerica Madison
Baylor Scott & White

Maddie Kirkwood
University Medical Center

Ashley Salario
Woman's Hospital

Alex Grezaffi
Our Lady of the Lake

Shannon Lavergne
Harris Health System

Ondrea Kelly
Auburn U. Harrison School of Pharm.

Seth Blankenship
Auburn U. Harrison School of Pharm.

Ph.D. Program

Susan Egbert
Chemistry Ph.D. Program, Univ. of Manitoba

Student Award Recipients

Merck and Company Awards for Excellence in the Basic Sciences
Medicinal Chemistry - Mary Walton
Pharmaceutics - Ashley Salario
Pharmacology - Calette Corcoran

The American Pharmacists Association Senior Recognition Certificate
Cecelia Vergo

Award of Excellence in Clinical Communication
Mary Walton

The Natural Medicine Comprehensive Database Recognition Award
Susan Egbert

The Joseph Samuel Carso Student Award
Leah Guillot

Phi Lambda Sigma "Chapter member of the year Award"
Abigail Gould

Lilly Achievement Award
Caitlin Nugent

The Mylan Pharmaceutical Excellence in Pharmacy Award
Savannah Parker

Lauren Savoy Olinde Award
Adam Glover

The Albert P. Lauve Memorial Award
Alexandra Grezaffi

LSHP Outgoing President Award
Mary Walton

LPA Senior Recognition
Hannah Daniel, Alexandra Grezaffi and Peyton Remy

USPHSP Excellence in Public Health Pharmacy Award
Carleigh Roberts

NCPA Outstanding Student Award
Jonathan Landry

Highest GPA
Savannah Parker

Outstanding Graduate Student Award
Dr. Turki A. Al Hagbani

Dufilho Society



CONGRATULATIONS 2019-2020 Dufilho Society Scholarship Recipients

\$500 Scholarships - Awarded each year while recipient attends ULM COP:

Kaitlyn Picard-P1
Catlynn Crump -P1
Colby Glatter-P1
Ethan Roberts-P1
Clara Ramsey-P2
Joseph Casso-P2

Kelsey Thomas-P2
Ashley Toups-P2
Sean Walker-P3
Rachel Pecora-P3
Alyssa Pellegrin-P3
Raven Alexander-P3

Abby Thibodeaux-P4
Ellen Cook-P4
Kolleen McWilliams-P4
Karl Starns-P4

\$2,000 Legacy Scholarships

Christopher LaGrange - P2

Our students thank those who make these scholarships possible!



2019 Student, Faculty & Staff Giving Campaign

100%

Classes of '20, '21 & '22

Students did a great job showing support for the program with 100% of these classes making donations.

Over 76%

Faculty & Staff

SOME THINGS DUFILHO DONATIONS HELP SUPPORT ARE:

- Student scholarships
- Pharmacy care and patient counseling
- Technological improvements
- Faculty and student development
- Research experiences
- Alumni outreach
- The Dufilho Legacy Scholarship

It's not too
late. Become
a member
today!



- SAVE THE DATE -

January 10, 2020

ULM College of Pharmacy Dufilho Society members please join us at 7:00 p.m. on January 10, 2020, for our second annual "An Evening of Thanks" cocktail party and appreciation ceremony.

For further inquiries contact Mrs. Mary Rhea at (318) 342-3800 or email mrhea@ulm.edu.

FORMAL INVITATION TO FOLLOW.

ROYALTY LEVELS

Structure of Giving

La Legion D'Honneur

Annual Support Level Annual donation of \$2,500+ (individual) or \$10,000+ (corporation)

ROYALTY LEVEL: Achieved after 10 years or monetary equivalent of 10 years.

La Guilde des Apothecaires

Annual Support Level Annual donation of \$1,000 - \$2,499 (individual) or \$5,000 - \$9,999 (corporation)

ROYALTY LEVEL: Achieved after 10 years or monetary equivalent of 10 years.

L'Ordre de Merite Pharmacien

Annual Support Level Annual donation of \$500-\$999 (individual) or \$2,500 - \$4,999 (corporation)

ROYALTY LEVEL: Achieved after 10 years or monetary equivalent of 10 years.

For more information, please go to:
ulm.edu/pharmacy/alumnihowgive.html

Students Get Life-Changing Opportunity

BY: MICHELLE WHITE

On May 29, 2019, ULM College of Pharmacy students, accompanied by Dr. Stephen Hill, College of Pharmacy Clinical Sciences Assistant Professor, participated in the 5th Annual APhA Institute on Substance Use Disorders in Salt Lake City, Utah, where they received five days of intense training and education covering all aspects of drug and alcohol addiction and abuse.

Each year the ULM College of Pharmacy allows students to compete for the opportunity to attend this life-changing institute that always has a meaningful impact on the lives of those who attend. Participants learn about the serious disease of substance use disorder (SUD), better known as addiction and/or alcoholism. They learn about the stigma surrounding SUD and the ways they can educate and advocate for those suffering with this disorder. They also learn and participate in improving the way they take care of themselves, which will ultimately lead to them being able to better take care of their patients.

One student, Chelcie Bonin, chose to attend because she has seen first-hand what substance use disorder can do to a family. During Chelcie's childhood her father suffered from addiction and it often affected her daily life. At the Institute Chelcie found herself searching for answers that she didn't even realize she needed and feels that every part of the Institute benefited her emotional and physical well being. She has seen someone she loves during active addiction and during active recovery and realizes that these were two different people under two different circumstances. Chelcie says that the biggest thing she learned is how impactful a successful recovery can be, especially when it comes to medication-assisted treatment, even though this is an unpopular opinion, especially in Louisiana. Chelsie states, "I am here to attest that if it weren't for medication-assisted treatment, my father would not be the grandfather he is today to my child." She feels that a lot of people who are willing and committed to recovery will benefit greatly from these medications. As a pharmacist she feels that her experience will make her more open to dispensing these medications to patients with valid prescriptions and will also help her show compassion to these patients, offering them resources and



support, as someone who is so very proud that they are doing what it takes to face the difficult road to recovery. At one point while attending, Chelcie listened to a panel of pharmacists talk about what their states do

to help those struggling with this disease and was saddened that Louisiana isn't there yet. The advice received was to "talk about it" so we can begin to end the stigma around this disease and our state can begin to heal the way



it should. Chelcie says she is more than willing to talk with her patients and the public to bring awareness.

Another ULM pharmacy student, Clayton Williams, found the Institute to be very educational, but also very emotional. He says that for him the best part about the Institute was that each individual who attends has a completely different experience, depending on what he/she has encountered throughout life up to that point. Each day was packed full of incredible speakers that gave a whole different perspective on substance use disorders. Some of the things Clayton and the others learned were details about the neuroscience of addiction, information on medical cannabis, how to prevent diversion, and how to handle situations on a personal and family level. Students were also able to participate in AA, NA and Al-Anon meetings at the conclusion of each day, with two afternoons being spent

hiking and exploring Utah. Clayton learned that substance use disorder is a disease and it should be treated like one, stating that people do not look at individuals with hypertension or diabetes any differently, but they automatically have a negative impression of a person known to have a SUD. Clayton states, "By knowing it is a disease and not a chosen way of life, I will be able to treat and care for these patients just like any other patients."

Dr. Stephen Hill, ULM Clinical Sciences Assistant Professor, has accompanied students to the Institute for the past four years. Dr. Hill chooses to attend each year because he can see the impact it has had on his life, as well as on the lives of the students. Participation has brought new knowledge each year, accompanied by unique stories and perspectives around SUDs that he could get nowhere else. This, in turn, has given him confidence in speaking about substance use disorders. The knowledge and stories he has

gained allows him to provide talks, continuing education and also aided in grant applications to help spread the word on substance use disorders and where healthcare providers can make an impact on the opioid epidemic.

Other ULM College of Pharmacy students chosen to attend included: Kaitlin Comeaux, Ashlyn Gustafson, Caleb Jackson, and Carolin Tran.

ULM, Centenary College

Pathway created for students seeking pharmacy degree

A memorandum of understanding with the University of Louisiana Monroe and Centenary College in Shreveport has been established guaranteeing Centenary students an interview with the ULM College of Pharmacy for the Pharm. D. degree program, provided they have completed the required prerequisite courses and met the minimum application requirements.

The agreement was formalized Thursday, Sept. 12, 2019, in a signing ceremony at ULM by President Nick J. Bruno and Centenary President Dr. Christopher L. Holoman.

In addition to the presidents, leaders from both institutions were present, including from the College of Pharmacy Dean Dr. H. Glenn Anderson and Associate Dean for Academic Affairs Dr. Michael Cockerham, and from Centenary, Provost and Dean of the College Dr. Karen Soul and Professor of Biology Dr. Scott Chirhart.

Bruno spoke on the significance of ULM and Centenary collaborating to establish this agreement.

“It’s always a great day on the bayou when we can forge a partnership with another institution of higher education that is mutually beneficial,” Bruno said. “Thank you, Dr. Holoman, for your leadership at Centenary, and all those who put this memorandum of understanding together that will provide more opportunities for Centenary students to move toward our College of Pharmacy. We look forward to having Centenary students on ULM’S campus very soon.” Holoman said the agreement is a “milestone” for both ULM and Centenary.

“This partnership reflects a mutual admiration between our institutions for the quality of Centenary students and the ULM Doctor of Pharmacy program,” said Holoman. “It also marks another way in which Centenary is preparing our students for outstanding graduate education and meaningful careers.



From left, seated, Centenary President Christopher L. Holoman and President Nick J. Bruno, and standing, Centenary Provost and Dean of the College Dr. Karen Soul, Centenary Professor of Biology Dr. Scott Chirhart, Vice President of Academic Affairs Dr. Alberto Ruiz, College of Pharmacy Associate Dean for Academic Affairs Michael Cockerham and College of Pharmacy Dean Dr. H. Glenn Anderson.

Our state and region need caring and skilled pharmacists and Centenary is proud to help meet that need.”

College of Pharmacy Dean Dr. H. Glenn Anderson said the connection between the two institutions overcomes the barrier of distance and benefits the institutions, students, state and the citizens.

“It’s part of our vision to allow any student who has a goal, a desire, to be a pharmacist to provide pathways for them to do that,” Anderson said. “Our college has a mission to, one, produce the best pharmacists that we can for our state, and two, do everything we can to improve the health of Louisianians.”

Centenary students pursuing the ULM Pharm. D. degree will complete all required

undergraduate prerequisite courses, following a curriculum that includes biology, chemistry, mathematics, and physics core courses as well as humanities, fine arts, and social science electives. Students must earn a 3.5 GPA at Centenary for all prerequisite courses outlined in the agreement and must earn a score of at least 50 on the Pharmacy College Admission Test to proceed to the interview stage of the ULM College of Pharmacy admission cycle.

For more information about the ULM Pharm D. preferred admission program at Centenary, contact professor of biology Scott Chirhart at schirhar@centenary.edu. For information on the ULM College of Pharmacy, contact Dr. Michael Cockerham, cockerham@ulm.edu.

Story Credit: https://www.ulm.edu/news/2019/centenary_2019.html

Alumna Awarded

Whitney Rogers receives North Oaks Health System Employee of the Month



Clinical Pharmacist Whitney Rogers received the North Oaks Health System Employee of the Month Award for April 2019.

As one of 133 pharmacists in Louisiana board-certified as a pharmacotherapy specialist, Whitney is highly skilled in the treatment of disease with medications. She joined North Oaks as a clinical pharmacist in 2016, where she works with other health care professionals to optimize the management of medications for critical patients, prevent medication errors and reduce costs.

The Louisiana Hospital Association recently joined with Louisiana State Representative Nicholas Muscarello Jr. to honor Whitney as one of four North Oaks “Heroes of Patient Safety” for lifesaving work to preserve the effectiveness of antibiotics.

After earning a doctorate in Pharmacy from the University of Louisiana at Monroe, Whitney completed a residency in pharmacy practice through St. Dominic Hospital in Jackson, Mississippi. Whitney lives in Madisonville and values time spent with her husband Matt and their children, 5-year-old Ryan and 1-year-old Emersyn.

Away from work, Whitney enjoys working out, running and traveling. She’s also one of the Louisiana State University Tigers and New Orleans Saints biggest sports fans! Professionally, she belongs to the American Society of Health System Pharmacists, American College of Clinical Pharmacy and Society of Critical Care Medicine.

Story credit:
<https://www.northoaks.org/News-N>

“Optimizing medication treatment plans for our patients and providing the necessary education is rewarding.”

Dr. Whitney Ryan Rogers
ULM Pharm.D. ‘15

Pharmacy by the Book

ULM COP “Pharmily of the Month”

The ULM College of Pharmacy (ULM COP) “Pharmily of the Month” series aims to spotlight families with multiple ULM COP graduates. We have coined the phrase “pharmily” as a take on our pharmacy family here at the ULM COP. We consider students, faculty, staff, alumni

and friends all part of our pharmily. We hope to honor our amazing graduates and legacy families and create an avenue for alumni, faculty and students to stay connected and get to know one another.

BY: KATIE KELLEY



The pharmacy profession may have been the logical career choice for Trey and Bailey Book given that it runs in their family, but they seem to have found their way to the ULM College of Pharmacy (ULM COP) for another reason – the desire to help people. Trey and Bailey are current second-year and first-year pharmacy students, respectively.

Their father, George Book, is a 1994 graduate of the ULM COP, formerly Northeast Louisiana University (NLU), and practices as a retail pharmacist at his two stores, Book's Pharmacy in Vidalia, Louisiana, and J & K Drugs in Columbia, Louisiana. Book said he initially chose pharmacy as his profession because it sounded good on scholarship applications, but once he got into the program, he realized he couldn't have imagined doing anything else with his life. He is passionate about retail pharmacy and the opportunity it gives him to take care of patients and help them make healthy decisions. "Pharmacy has given me an outlet to help people in my community and that is what makes it such a great profession," said Book.

Trey and Bailey may have been influenced to pursue a career in pharmacy because they grew up around the profession, but it is clear that the calling to help people, much of which they learned from their dad, is the driving force behind their decision to attend pharmacy school. Bailey said, "I know saying I just want to help people is such a cliché answer, but I think that is the ultimate reward in the pharmacy profession. I have watched my Dad help so many of his patients in times of need, and I would love to keep that tradition going."

Trey is passionate about independent pharmacy and helping the local community on a daily basis. While Bailey says she loves the atmosphere of their independent pharmacies, she may like to branch out to the area of compounding or maybe even work in a hospital upon her graduation in 2023.

When asked why she chose ULM, Bailey said it was a "comfort thing" for her as both her parents are ULM alumni and her brother was already in pharmacy school. However, she said it did not take long for her to fall in love with the University during her undergraduate years. Now as a professional pharmacy student, she said the ULM COP has exceeded all her expectations. "It is truly an honor to be able to attend ULM COP, and I am so thankful for the faculty and staff here and how they genuinely care for all students," she said. So far, her favorite pharmacy school experience has been receiving her white coat and already becoming great friends with some of her classmates.

Trey said that all of the pharmacists he knows are graduates of ULM COP and they are all great

"I know saying I just want to help people is such a cliché answer, but I think that is the ultimate reward in the pharmacy profession. I have watched my Dad help so many of his patients in times of need, and I would love to keep that tradition going."

Bailey Book
P2 Student

pharmacists, so that's why he wanted to attend pharmacy school here. So far, his favorite memory of pharmacy school has been making an A on his first drug action test. When he's not studying and preparing for tests, you might find Trey helping his dad out at the pharmacies back home or enjoying one of his hobbies, riding horses.

The closeness to his home was a selling point for George to attend pharmacy school in Monroe, but he said once he got into the program, he quickly realized what a top-notch University he was attending. Graduating and passing boards is still a pharmacy school highlight for him.

When asked what advice they would give to someone interested in a career in pharmacy, George said, "I would say that all of the hard work and long study hours are worth it! Being a pharmacist brings so many rewards and once you begin practicing, you will see just what I am talking about." Trey would advise trying to find a local pharmacy and start working. He said there is no better way to learn about pharmacy than to get involved and learn by experience.

Bailey's advice would be to never give up. "Although you will be presented with challenges, the biggest challenges usually give the best reward," she said. The Books would agree that it also helps to have a good support system for those challenging times. Bailey said that although her mother, Telina Book, is not a pharmacist, she

is the rock and go-to for them when things get tough and that their success would not be possible without her.

The Books are a great example of how the pharmacy profession can change a life, be it the life of the pharmacist or the patient. As one can see, the value they place on the profession and the calling they have had to serve others is admirable. We are proud to call them part of our ULM COP Pharmily!

LCF Endowed Scholarship

Established to aid students impacted by cancer



PHOTO: The Louisiana Cancer Foundation established a \$50,000 scholarship at ULM to assist students who have experienced cancer themselves or in their immediate families. Participating in a check presentation on Sept. 25, 2019, were, from left, College of Pharmacy

Dean Dr. H. Glenn Anderson, LCF Assistant Director Donna Jackson, LCF Executive Director James Adams, ULM President Nick J. Bruno, past president of the Cancer Foundation League Alise Oliver, LCF board members Nell Seegers and Aimee Kane, Executive Director of ULM

Advancement, Foundation and Alumni Relations Susan Chappell and College of Pharmacy Associate Dean for Research Dr. Paul Sylvester. Emerald McIntyre/ULM Photo Services

To assist University of Louisiana Monroe undergraduate students whose lives have been affected by cancer, the Louisiana Cancer Foundation has created a \$50,000 endowed scholarship for cancer survivors, those undergoing treatment or with cancer in their immediate family which has led to financial hardship.

The LCF presented a check to the ULM Foundation establishing The Louisiana Cancer Foundation for Research and Education, LLC Endowed Scholarship on Wednesday, Sept. 25, 2019. Susan Chappell is Executive Director of ULM Advancement, Foundation and Alumni Relations.

The LCF was represented by Executive Director James Adams, Assistant Director Donna Jackson, board members Aimee Kane and Nell Seegers and past president of the Cancer Foundation League Alise Oliver.

President Nick J. Bruno thanked the Louisiana Cancer Foundation for this “visionary” scholarship. Bruno remarked that in less than two decades, the LCF has contributed over \$216,000 to research and education at the university.

“For more than 19 years, the Louisiana Cancer Foundation has supported Dr. Paul Sylvester and the College of Pharmacy for research into breast cancer. The foundation has also supported the Theresa Marsala Memorial Nursing Fund in the Kitty DeGree School of Nursing,” Bruno said. “Thank you to the Louisiana Cancer Foundation, we appreciate the partnership and the good that it does. We look forward to continued success and progress in our research toward helping eliminate this dreaded disease.”

Sylvester, B.J. Robison/Pfizer Endowed Professor of Pharmacology and Associate Dean for Research in the College of Pharmacy, said, “I want to take this opportunity to thank James Adams and the board of directors of the Louisiana Cancer Foundation for their continued and generous support of research at ULM. We’re here to celebrate another generous contribution to establish this scholarship to help students who have been impacted by cancer. I think this is a wonderful idea. It further demonstrates the important contributions the Louisiana Cancer Foundation has made helping cancer patients in our local community through service, care, education and research.”

Adams, who is also Executive Director of the Northeast Louisiana Cancer Institute and a ULM alumnus, gave a brief history of the foundation and its mission.

“The Louisiana Cancer Foundation for Research and Education was formed in 1999 as a local 501 (c) (3) organization whose mission was threefold: to promote and fund cancer research, to educate our community regarding healthy living choices and to promote awareness of the annual tests needed for early cancer detection,” Adams said.

Adams said the foundation’s fundraising arm, the Cancer Foundation League, has assisted those in northeast Louisiana with cancer or receiving treatment here by providing more than \$1.9 million through its patient assistance fund.

“Today we expand our mission of education into this endowed scholarship. This scholarship will be given to assist a person who could be a cancer patient, a cancer survivor or impacted in their immediate family which has caused a financial hardship that might prevent them

from attending college,” Adams said. “Our hope is this scholarship will turn what could have been perceived as a devastating event into a blessing for some unique individual here on the ULM campus.”

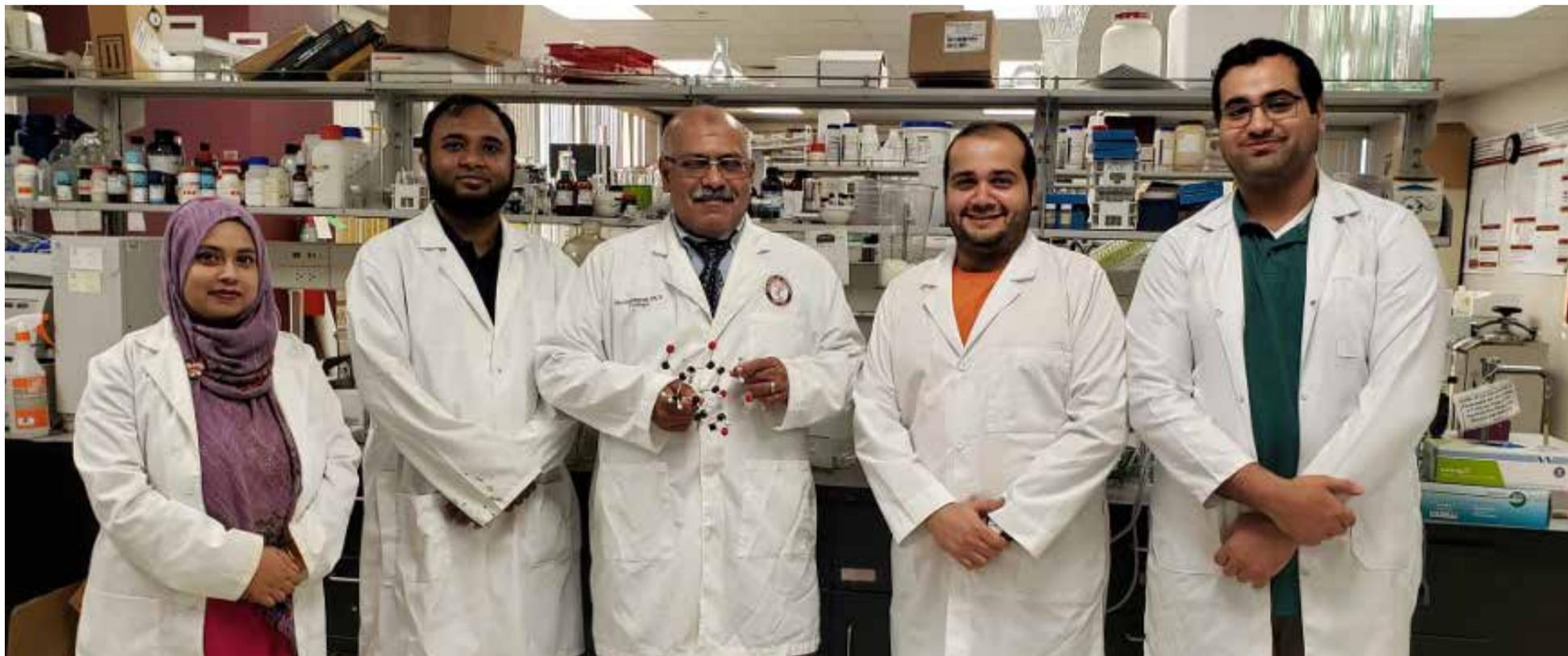
Annually, the LCF hosts four free cancer screenings in the community for: breast and cervical cancer, prostate cancer, skin cancer and colon/rectal cancer. It also funds a mobile mammography unit to reach underserved areas in the region. For more information, visit lacancerfoundation.org.

Applicants who meet the requirements will be recommended by the LCF Board of Directors to the university scholarship committee for final selection. For information on applying for ULM Foundation Scholarships, visit ulm.edu/scholarships/foundation.

https://www.ulm.edu/news/2019/lcf_scholarship2019.html

“Today we expand our mission of education into this endowed scholarship. This scholarship will be given to assist a person who could be a cancer patient, a cancer survivor or impacted in their immediate family which has caused a financial hardship that might prevent them from attending college,”

**James Adams, Executive Director
Louisiana Cancer Foundation**



Compound Found in Olive Oil

Fights Breast Cancer Relapse

Originally published on [Greek Liquid Gold: Authentic Extra Virgin Olive Oil \(www.greekliquidgold.com\)](http://www.greekliquidgold.com). See that site for news and information about olive oil, the Mediterranean diet, and their health benefits, recipes with olive oil, photos from Greece, and agrotourism and food tourism suggestions.

BY: LISA RADINOVSKY

At the Olympia Health & Nutrition Awards conference in Athens, Greece in May, Dr. Khalid El Sayed discussed his research group's groundbreaking discoveries: oleocanthal, a natural phenolic compound found in extra virgin olive oil, reduced the recurrence of one type of breast cancer in mice and limited the growth of other types of recurrent tumors.

This controlled study in Professor El Sayed's laboratory at the University of Louisiana at Monroe demonstrated for the first time that oleocanthal can prevent a relapse in one of the four major types of breast cancer, HER2 dependent breast cancer, as well as decreasing the size of other types of breast cancer tumors that appear after treatment. Another study in El Sayed's lab showed that a therapy that combines oleocanthal with a conventional breast cancer medication may work better than

the drug alone. These findings suggest exciting directions for future research into novel alternatives for cancer treatment.

Currently, El Sayed told Greek Liquid Gold, "there is no formal absolute test to predict a relapse, nor a formal drug for recurrence prevention; chemotherapeutic cancer drugs are not really able to kill the dormant tumor cells that cause a relapse." Since most of the world's cancer survivors are now under medical surveillance following treatment, more than 12 million patients "are living with the nightmare of watching for their relapse," as El Sayed puts it. For these survivors and their loved ones, this research is crucial.

Writing in the journal *Cancers* about their work in El Sayed's laboratory, Abu Bakar

Siddique, Nehad Ayoub, and their group point out that breast cancer (BC) "is the most commonly diagnosed cancer and the second-leading cause of cancer-related death in women worldwide. Globally, two million new BC cases are expected to be diagnosed in 2019, with an estimated 627,000 women anticipated to die from BC complications." Recurrence remains a problem for about 70% of survivors who have had tumors surgically removed and/or have completed radiation therapy or other treatment.

On the other hand, as El Sayed and his team noted, a "wealth of data documents the reduced risk of Mediterranean populations [for] certain chronic diseases typically emerging later in life, ... including atherosclerosis, cardiovascular disease, and particular types of cancer, in

addition to extended life expectancy as compared to populations of other geographical regions.” Notably, “these favorable health outcomes have been widely attributed—based on much corroborating epidemiological evidence—to the regular consumption of extra-virgin olive oil (EVOO), which is a major component of the Mediterranean diet.”

El Sayed told Greek Liquid Gold he believes “daily consumption of quality EVOO can have significant preventive impact.” High quality extra virgin olive oil often contains enough oleocanthal (as well as other helpful components) to provide health benefits, and as Siddique et al wrote in *Cancers*, olive oil has been used “as food and even remedy throughout human history.” In various studies, oleocanthal from EVOO has shown antioxidant, anti-bacterial, neuroprotective, anti-inflammatory, and anti-cancer activities against breast, prostate, colorectal, and skin cancer.

The type of breast cancer known as HER2-dependent, HER2-amplified, or HER2-positive is a very aggressive kind of cancer which accounts for about 20% of diagnosed breast cancer cases. It is commonly treated with the medication Lapatinib, but tumor cells quickly become resistant to this treatment, making it hard to fight the disease. So this research group embarked on a novel investigation using laboratory animals.

As Siddique and his colleagues report in the journal *Nutrients*, the group compared the effects of oleocanthal, Lapatinib, and a combination of oleocanthal and Lapatinib (LP), with a control group. They found that the combination therapy was most effective: it reduced cancer cell growth and “significantly inhibited” the invasion and migration of breast cancer cells that often lead to death.

Given evidence that it can reduce cancer cell resistance to treatment with LP, oleocanthal thus shows great promise as part of a combination therapy to treat HER2 breast cancer. This study suggests that such a combination therapy could work better than the current treatment, while reducing the required dose of the medication (LP) to ¼ of the original dose.

However, the required dose of oleocanthal would call for consumption of about 700 ml of the best quality EVOO per day. While many enjoy eating The Governor EVOO from Corfu in Greece that was donated by the Dafnis family as a source of the oleocanthal for this and other related studies, few can consume that much in one day. To treat patients who are ill, it would therefore be necessary to extract pure oleocanthal from EVOO for use as a dietary

“ Since most of the world’s cancer survivors are now under medical surveillance following treatment, more than 12 million patients are living with the nightmare of watching for their relapse. For these survivors and their loved ones, this research is crucial.”

**Dr. Khalid El Sayed, Professor
ULM College of Pharmacy**

supplement.

El Sayed’s group developed new ways of doing that, as they explain in the journal *Plos One*. They believe their new technique for “simplified, environmentally friendly, and cost-effective extraction and purification of EVOO phenolics” will make future studies of olive oil phenolic compounds easier “and expand their therapeutic applications.”

Exploring one such application, the group decided to investigate the possibility that oleocanthal could prevent the recurrence of certain types of breast cancer. There have been few investigations into what might inhibit breast cancer recurrence and metastasis (spreading to distant parts of the body), since sound clinical trials would involve a great deal of time, money, and patients. Yet as breast cancer surgery has shifted to a more conservative strategy of removing less tissue than a traditional mastectomy, there have been more recurrent tumors, many of them leading to death. Successful treatment to reduce recurrence is thus essential.

After establishing a useful novel example of a manageable animal model for a laboratory study, El Sayed’s group discovered that with daily oral treatment with oleocanthal, significantly fewer mice developed recurrent tumors in comparison with the control group, and those that did develop more tumors had much smaller ones. The group also extended their exploration to include the most aggressive breast cancer type, triple negative breast cancer, after making a new oral form of oleocanthal.

This prevented 60% of triple negative breast cancer relapses in the mice they studied. These findings offer fresh hope for survivors.

As Siddique et al wrote in *Cancers*, oleocanthal may provide a better option for longer-term prevention and cancer-free survival as resistance to some treatments increases, given oleocanthal’s “remarkable selectivity to targeting cancer cells,” but not healthy ones, without either a very high cost or evidence of other negative side effects, unlike many cancer treatments. “Natural product-based recurrence inhibitors” like oleocanthal offer another advantage: they could be developed and marketed for use as dietary supplements more quickly than medications, whose development and approval takes a long time.

As El Sayed’s group concludes, oleocanthal may have far-reaching positive effects on breast cancer relapse prevention. Once again, Greece’s liquid gold, olive oil, proves its value--this time for cancer survivors.

To link to the full article, please go to:

<http://www.greekliquidgold.com/index.php/en/health-benefits/olive-oil-health-benefits/381-compound-found-in-olive-oil-fights-breast-cancer-relapse?fbclid=IwAR2gxvWRX35iXhPa4Auq0W6X0pQbcwCF5mRmZn dn-XlxLHwJGXefjvtXrY>

Alumni Activities

2019 Dinner with the Dean

The ULM College of Pharmacy (COP) Office of Alumni Relations traveled around the state this year to host several Dinner with the Dean events. Dinners were held in Lafayette, Shreveport, Alexandria, Baton Rouge, New Orleans,

and Monroe. This is a great opportunity for fellow alumni to gather and catch up with each other as well as with COP administration and staff. We hope to continue this tradition in 2020, so be on the lookout for a dinner in your area!

2019 Homecoming Weekend



Homecoming 2019 was a great success! A record-breaking number of alumni, faculty, staff, students and friends enjoyed the food, fellowship and fun of the weekend. We'd like to thank everyone who participated in the many Homecoming events, including the ULM COP Preceptor Conference, Fall PharmD Career Fair, Reminisce on the Ouachita Alumni Reception, Alumni Reunion Brunch and the Super Tailgate. We had a wonderful time celebrating with our ULM COP pharmily. As soon as next year's Homecoming date is released, we will be sure to let you know so you can make plans to join us in 2020!



Support Your College of Pharmacy

The ULM College of Pharmacy is Louisiana's only state-supported pharmacy school. Alumni support and involvement are critical as we plan exciting cutting edge educational experiences for our students and faculty.

Join us, so that through your direct donations we can provide the absolute best pharmacists in the nation. Our current students stand on the

foundation of excellence established by you, our alums. Maintenance of that established excellence is not our goal, we want to grow and expand it. With your involvement, we can do that.

ULM ALUMNI ASSOCIATION PHARMACY CLUB

How can I join?

If you join the ULM Alumni Association (ULMAA) you can automatically become a member of the Pharmacy Club at no additional cost.

JOINING IS EASY!

Go to: alumni.ulm.edu/chapter/pharmacy-club

*When completing your online profile, choose "Pharmacy" under the AFFILIATION tab.

ULM Pharmacy Club & Alumni Liaison:

Katie Kelley, MBA
College of Pharmacy
Coordinator of Alumni Relations
Phone: 318-342-6010
Email: kkelley@ulm.edu

Ways to Give:

There are several ways to give to the ULM College of Pharmacy. They include:

ANNUAL GIVING:

Dufilho Society

Check: Payable to ULM Foundation
*Memo Line should specify
Pharmacy Dufilho Society

Online: ulm.edu/pharmacy/alumni.html

MAJOR GIFTS:

Naming opportunities

Endowments such as chairs and professorships, as well as facilities (building, college, classrooms, labs)

Estate Gifts

- Bequests
- Charitable Gift Annuities
- Charitable Trusts

Recruitment News

PharmFUTURE

The ULM College of Pharmacy hosted its Fall PharmFUTURE for high school juniors, seniors, college students, and parents on October 4, 2019. We had over 60 parents and students who spent time with us experiencing pharmacy student life, working in our lab and classrooms, and meeting our professional students and faculty. We shared the exciting and diverse job opportunities for pharmacists and they learned how to prepare for pharmacy school and got tips on acceptance. This is a free event that we host bi-annually.

Applicant Day

On July 22 the College of Pharmacy hosted approximately 30 students for Applicant Day. Applicant Day is an event designed to help students navigate the application process for acceptance into pharmacy school. Students also receive other useful information regarding curriculum review, financial aid, admissions requirements, professionalism and interview tips. They also participate in a question/answer session with current pharmacy students.

HOSA

On October 24th, 2019 the ULM COP hosted the annual Health Occupations Students of America (HOSA) event, where around 140 students interested in a career in health sciences could come to learn the different career possibilities that are open to them. We spoke to them about Pharmacy and our Pharmacy program here at ULM. Students also participated in a lab activity and got to experience how a real pharmacist works in a lab setting.

Advisor Day

On July 29th, ULM COP held an Advisor workshop to talk about our new 2 year pre-pharmacy curriculum. Around 12 advisors from different colleges around the state came to learn about our changes. Advisors also got the opportunity to view our lab and mock pharmacy and participate in a compounding activity where they made their own hand sanitizer.

Career/ College Fairs & School Visits

This semester I have visited around 30 different schools around the state. This includes attending College fairs, dropping off flyers and information about our program and even serving as a guest speaker to biology and chemistry classes or clubs. Typically when speaking to students at a college fair I will set up a display table representing ULM College of Pharmacy and talk about our program, pre-pharmacy curriculum, and pharmacy requirements.

FUTURE Pharmacists Club

This year the College of Pharmacy launched a new platform where junior high school, high school and college students interested in healthcare can learn about pharmacy and stay in touch with what the ULM College of Pharmacy has to offer and what is going on within our College.

We currently have 91 members and are accepting membership applications for our "FUTURE Pharmacists Club." There is no fee for joining and the club is open to any junior high school, high school or college student interested in healthcare. There are no requirements for joining and students will be sent an official membership package and invited to a private Facebook Group where they will have access to messages from the College of Pharmacy, our student organizations, and receive other useful information.

If you know a student interested in healthcare please invite them to go to: <https://www.ulm.edu/pharmacy/prospective/fpc.html> for more information, or to join.

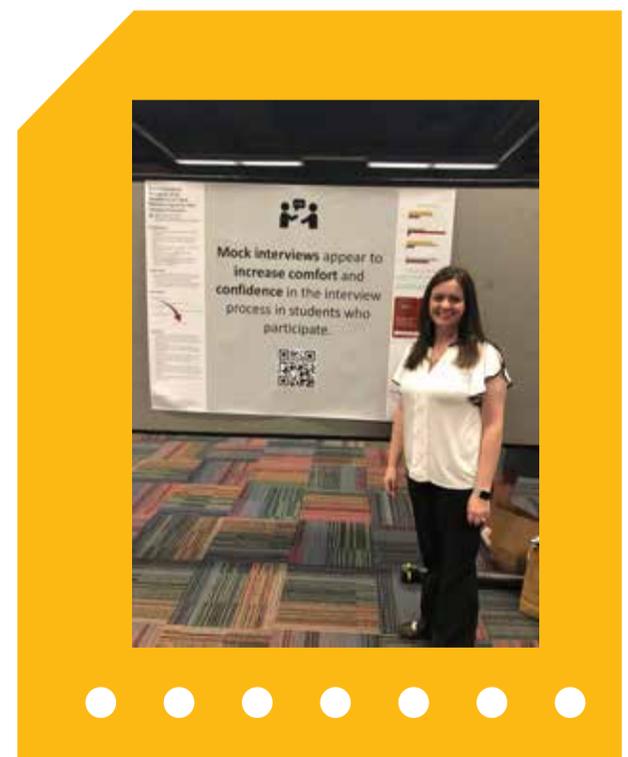
If you have a school, organization or student who would like more information about the ULM College of Pharmacy or any of our recruitment programs, please contact:

Sean Menefee, ULM College of Pharmacy Recruitment
Phone: (318) 342-3654
Email: smenefee@ulm.edu.

Private College of Pharmacy tours, group presentations and school visits available for scheduling.

AACP Pharmacy Education 2019

- Assessing Student Pharmacists' Perceptions of Prescription Adjudications in a Pharmacy Practice Lab. Anthony L. Walker, The University of Louisiana Monroe, Raghda K. Elsayed, The University of Louisiana Monroe, Stacy Starks, The University of Louisiana Monroe
- Assessment of Student Knowledge, Awareness, and Perceptions of Women's Health Issues in Pharmacy Practice. Courtney A. Robertson, The University of Louisiana Monroe.
- Correlation Between Types of Advanced Pharmacy Practice Experiences (APPEs) and NAPLEX Pass Rates. Tibb F. Jacobs, The University of Louisiana Monroe, Jamie M. Terrell, The University of Louisiana Monroe.
- Correlation of Emotional Intelligence with Academic Success in the First Professional Year. Elizabeth M. Lafitte, The University of Louisiana Monroe, Laurel A. Sampognaro, The University of Louisiana Monroe, Gina C. Craft, The University of Louisiana Monroe.
- Influence of Program Type, Curricula Delivery, and Demographics on Test Anxiety: A Multi-Site Study. Kimberly K. Daugherty, Sullivan University, Stephen Neely, The University of Oklahoma, Daniel R. Malcom, Sullivan University, Alicia S. Bouldin, The University of Mississippi, Kristopher Harrell, The University of Mississippi, Melissa S. Medina, The University of Oklahoma, Kristen Pate, The University of Mississippi, Michelle O. Zagar, The University of Louisiana Monroe, Adam Pate, The University of Mississippi.
- Pharmacy Students' Perceptions of the Effectiveness of a Mock Interview Program for PGY1 Interview Preparation. Jamie M. Terrell, The University of Louisiana Monroe, Tibb F. Jacobs, The University of Louisiana Monroe.
- Skills Laboratory Activity to Improve Pharmacy Students' Ability to Provide Medication Counseling via Translator. Jennifer G. Smith, The University of Louisiana Monroe, Savannah K. Posey, The University of Louisiana Monroe.
- Survey of Student and Faculty Perceptions of Revised Early Intervention and Remediation Policies. Elizabeth M. Lafitte, The University of Louisiana Monroe, Laurel A. Sampognaro, The University of Louisiana Monroe, David J. Caldwell, University of Arkansas for Medical Sciences, Gina C. Craft, The University of Louisiana Monroe, Michelle O. Zagar, The University of Louisiana Monroe, Kassidy Voinche, The University of Louisiana Monroe, Victoria Rathcke, The University of Louisiana Monroe.
- Influence of Item Structure Upon Student Performance Using Select all that Apply and True/False Items. Scott A. Baggarly, The University of Louisiana Monroe, Jeffery D. Evans, The University of Louisiana Monroe
- Continuous Curricular Improvement: Comparison of Performance in Therapeutics I and II by Matriculating Year. Clayton H. Williams, The University of Louisiana Monroe, Elizabeth M. Lafitte, The University of Louisiana Monroe, Jamie M. Terrell, The University of Louisiana Monroe.
- Student Perceptions Concerning the Use of Simulated Medications in a Pharmaceutical Care Lab. Maiah D. Hardin, The University of Louisiana Monroe, Courtney Smart, The University of Louisiana Monroe, Anthony L. Walker, The University of Louisiana Monroe, Raghda K. Elsayed, The University of Louisiana Monroe, Stacy Starks, The University of Louisiana Monroe.



Other News

Dr. Michelle Zagar (Pharm.D. '03), author, and Drs. Laurel Sampognaro (Pharm.D. '04), Courtney Robertson (Pharm.D. '09), and Gina Craft (Pharm.D. '90), co-authors, recently had their manuscript "A description and opinions of a longitudinal book club for comprehensive pharmacy faculty development" accepted for publication. Journal: Currents in Pharmacy Teaching and Learning

Abu Bakar Siddique, Hassan Y. Ebrahim, Mohamed R. Akl, Nehad M. Ayoub, Amira A. Goda, Mohamed M. Mohyeldin, Suresh K. Nagumalli, Wael M. Hananeh, Yong-Yu Liu, Sharon A. Meyer, and Khalid A. El Sayed, "(-)-Oleocanthal Combined with Lapatinib Treatment Synergized against HER-2 Positive Breast Cancer In Vitro and In Vivo,"

Dr. Jill Comeau, clinical faculty, had a book chapter accepted for APHA Pharmacotherapy First for Rectal Cancer.

Congratulations to David Evans (Pharm.D. '18) for starting a new position at Rapides Regional Medical Center.

The Beta Chi Chapter of the Rho Chi Society inducted seventeen members of the Class of 2021 on Thursday, September 19, 2019. The members of Rho Chi Society represent the top 20% of their class. A banquet was held to honor the newest members and welcome their families and friends in celebration of their outstanding achievements.

College of Pharmacy faculty and students attended the Louisiana Pharmacists Association (LPA) Annual Convention and Trade Show in Lake Charles, Louisiana. We would like to congratulate Dr. Beverly Walker (B.S. Pharm. '94) who was sworn in as the new LPA President and the 2019 LPA student scholarship winners Chelcie Bonin and Katie Bruce. The College of Pharmacy also hosted a reception in conjunction with the convention for all of our faculty, staff, alumni, preceptors and students. We had a great turnout for the reception, which included ULM's Vice President for Academic Affairs, Dr. Alberto Ruiz.

Congratulations to R. Logan Murray (Pharm.D. '18) for starting a new position as PGY2 Health System Pharmacy Administration and Leadership Resident at Yale New Haven Hospital.

Drs. Stephen (Pharm.D. '08) and Kristen Hill and big sisters, Rachel & Hannah, welcomed Madeline Cole on 9/23/19 at 8:40 am, weighing 6lbs, 6ozs. We would like to congratulate them and welcome Madeline to the ULM pharmacy.

Congratulations to Kristen Baudoin (P4) and Zachary Christian (P4) for winning this year's ASHP local round Clinical Skills Competition! Kristen and Zachary will represent ULM in the national competition, held in conjunction with ASHP's Midyear Clinical Meeting in Las Vegas this December.

Dr. Abu Bakar Siddique received the Kilmer Prize during the American Society of Pharmacognosy (ASP) 2019 Annual Meeting in Madison, WI, held July 13-17. This distinguished award was established in 1935 by the American Pharmacists Association (APhA, originally American Pharmaceutical Association) in honor of Dr. Frederick Barnett Kilmer who served as the scientific director of the laboratories of Johnson & Johnson for 45 years beginning in 1888. Dr. Kilmer was a key player in Johnson & Johnson's promotion of antiseptic methods in hospital settings.

Dr. Laurel Sampognaro (Pharm.D. '04) had a book chapter accepted for the Pharmacotherapy Casebook for Cirrhosis

We would like to extend our sympathy to Larry Humble (Director of Outcomes Research & Evaluations Medicaid) for the loss of his father, Robert Humble.

Condolences to Faye Ainsworth (COP Business Accounts Coordinator) for the loss of her mother, Beatrice Frith.

Condolences to Dr. Gina Craft (Pharm.D. '90) for the loss of her brother-in-law, Lewis Charles Craft.

Other News

Scott Dantonio ('99), of St. James Parish Hospital in Litcher, was awarded the Hospital Pharmacist of the Year Award by the Louisiana Pharmacists Association.

Robert Toups (B.S. '68) received a Gold Certificate Award for 50 years as a licensed pharmacist in Louisiana, serving in several leadership positions for state and regional pharmacy associations.

Congratulations to Kelsie Stark (Pharm.D. '17) for starting a new position with CHRISTUS Health.

Congratulations to Lateef Odeyemi (Pharm.D. '17) for opening his new pharmacy, Parkway Pharmacy, in Sterlington, LA.

Drs. Matthew Bullard (Pharm.D. '12) and Ashley Sanders Bullard (Pharm.D. '12) welcomed baby boy, James Matthew, on May 23.

Congratulations to Faith Gaude, daughter of COP alumnus, Jeff Gaude ('94) Faith has become one of our newest Warhawk cheerleaders.

The Occupational Safety and Health Administration (OSHA) awarded Dr. John Herrock a \$31,396 grant for FY19 Susan Harwood Training Program. Congratulations!

Dr. Jean Christophe Chamcheu recently received the Notice of Award for an INBRE/COBRE Collaborative project that was submitted earlier this year. This is an NIH/NIGM –LBRN Administrative supplement for a collaborative project between LSU and ULM for a total grant of \$155,800. Congratulations!

Monica Dziuba (Pharm.D. '11) started a new position as Director of Pharmacy at Our Lady of the Lake Children's Hospital at Our Lady of the Lake.

The COP PDC / KE co-ed volleyball team won ULM'S intramural championship. Congrats!

We would like to congratulate Tamara Breaux on the October grand opening of her pharmacy "Breaux's Pharmacy" in Vinton, Louisiana!

Congratulations to the following faculty and staff who were recently recognized by ULM for years of service: Gina Craft (20 years), Zelda Clark (15 years), Girish Shah (15 years), Xiaojun Wang (15 years), Faye Ainsworth (10 years), Lance Nickelson (25 years), Paul Sylvester (20 years), John Herrock (15 years), Jessica Brady (10 years), Jamie Terrell (10 years), and Savannah Posey (5 years)

Do you have news to share?

Have your news included in our next issue or shared on our social media pages!

Contact:

Michelle White

Email: mmassey@ulm.edu

Phone: (318) 342-3804

LBRN Awards Grants

\$371,017 in grants awarded to ULM Faculty

The University of Louisiana Monroe Office of Sponsored Programs and Research (OSPR) announces that five faculty members have received research grants totaling \$371,017 from the Louisiana Biomedical Research Network (LBRN) funded by the National Institutes of Health. The LBRN is committed to raising the competitiveness of Louisiana researchers.

ULM President Dr. Nick J. Bruno Jr. commended the faculty researchers, saying, “These grants are indicative of the caliber of researchers and research being done at ULM. The new and ongoing research could lead to better medical treatments and one day a cure for devastating diseases such as cancer.”

Dr. John Sutherlin, Director of OSPR, said, “Receiving grants from the NIH indicates what great research is taking place in pharmacy, biology and chemistry. These professors are setting a gold standard for all of us at ULM. These five awards show the continued successes and dedication of ULM’s faculty to biomedical research.”

Grants were awarded to:

Dr. Nektarios Barabutis, Assistant Professor of Pharmacology, \$35,250, “Elucidation of the Mechanisms Which are Involved in the Anti-inflammatory Action of Hsp90 Inhibitors in the Vasculature”

Dr. Georgios Matthaiolampakis, Assistant Professor of Pharmaceutics, \$70,500, “Tumor Associated Macrophage Polarization and Lung Cancer”

Dr. Siva Murru, Assistant Professor of Chemistry, \$67,867, “Design, Synthesis, and Evaluation of Nitrogen Heterocyclic Compounds for Anti-Cancer Activity”

Dr. Seetharama Jois, Professor of Medicinal Chemistry, \$56,400, “Immunomodulation by Plant-Based Grafted”

Dr. Srinivas Garlapati, Assistant Professor of Biology, \$141,000, “Mechanism of Translation Initiation in the Protozoan Parasite *Giardia lamblia*”

Dr. Glenn Anderson, Dean of the College of Pharmacy, said, “We are humbled by the dedication that our faculty show each day and we celebrate their successes. The University of Louisiana Monroe is making a difference through identifying new ways to combat the diseases that plague our community. We thank the LBRN for partnering with the college and ULM to make this possible.”

“These professors are setting a gold standard for all of us at ULM.”

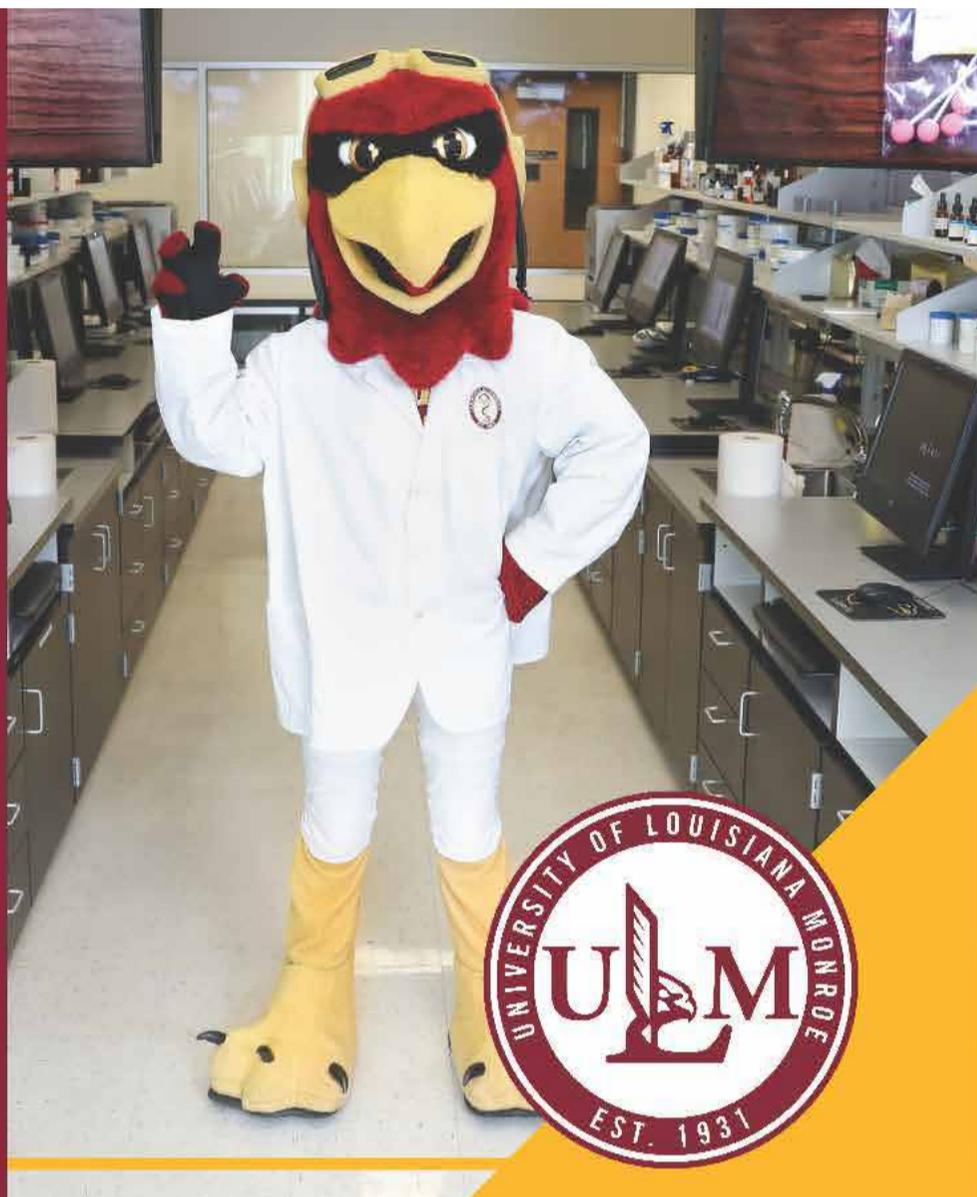
Dr. John Sutherlin
Director, OSPR

THANK YOU!

We at the ULM College of Pharmacy extend our gratitude to those participating in the optional licensing fee renewal.

Your donation provides future pharmacists opportunities they could not otherwise afford.

Thank you for your continued support.



College of Pharmacy

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