

## FIRST AND SECOND YEAR



Jeremy Laukka, Ph.D.  
Assistant Dean for  
Foundational Sciences

The M1's just finished the Hematology & Oncology system on October 6 under the leadership of Dr. Krishna Reddy. Immunity will begin October 9 under the leadership of Dr. Kevin Pan. The M2's will be finishing Immunity and Infectious Disease October 27 under the leadership of Dr. Pan and will continue in their course of study in Organ System under the leadership of Dr. Andrew Beavis. The faculty and staff are dedicated to providing a meaningful educational experience for all students no matter the academic year. While we are in the midst of providing oversight to two curriculum for the MD program, we appreciate the patience and understanding as we strive to prepare you for a lifelong pursuit of continued learning.

## UTCOM TO HOST MEDICAL EDUCATION CONFERENCE



— The Generalists in —  
**Medical Education**  
Collaborate - Innovate - Disseminate

UTCOMLS will host the Generalists in Medical Education conference November 2-3, 2017 in Boston, MA. The Generalists welcome basic scientists, clinicians, and other educators who teach, conduct research, and improve support services in all areas of predoctoral, postdoctoral and continuing medical education. Specific areas of interest include curriculum and faculty development, testing and evaluation, and student services. At each annual conference, attendees exchange ideas and knowledge to enhance professional growth. Each conference offers opportunities to develop understandings of the latest initiatives and innovations in medical education and to explore solutions to educational problems. The Generalists are committed to improving medical education with the goal of enhancing patient care.

Ms. Melissa Hansen from the Department of Medical Education, serves as this year's Program Chair.



## CAPSTONE CORNER

Effective July 1, 2017, the Capstone- Bridge to Internship Course is a REQUIRED course for all fourth year medical students. If you are not currently registered for Fall semester, be sure to register for Spring semester when registration opens this week!

For students taking the course during Fall semester, please be sure you are aware of your scheduled time for the Interprofessional Communication Skills session. As a reminder, if the date you are scheduled for does not work with your schedule, you have up to (7) days prior to your assigned session to swap with a classmate. Also, be sure you are scheduled for a Clinical Skills Training sessions as this is a requirement to complete the course— all course work must be completed in the semester for which you are registered.

We are off to a great start this semester, the faculty and students alike are enjoying their sessions. Please be sure to keep up with your online modules, which will be due the last day of the semester, December 15, 2017.

The following sessions are still available for Fall semester:

### Interprofessional Communication Skills

October 26, 2017  
November 16, 2017  
November 30, 2017  
December 1, 2017

### Clinical Skills Training

October 18, 2017 Emergency Medicine  
October 19, 2017 Internal Medicine  
November 8, 2017 Ultrasound  
November 22, 2017 Emergency Medicine  
November 30, 2017 Ob Gyn

## LAST DAY OF FALL SEMESTER, December 15



# In the Spotlight

## JULIANN KOSOVEC, M2



Dr. Jeremy Laukka would like to recognize Juliann Kosovec, an exceptional M2 who is providing selfless leadership to her fellow M2 colleagues by organizing a writing workshop experience. This workshop invites students who have an interest in a particular field of medicine to be “teamed” and mentored by an associated UTCOM faculty member in writing a literature review. This experience will be a wonderful opportunity to influence positive collaborations between the student and UTCOM faculty on becoming an effective writer of scientific and clinical information with an aspiring goal of a publication. This experience will kindle new and meaningful relationships to foster the professional growth, mentorship and preparation for the M3-M4 years and beyond.

Together with Dr. Francis Brunicardi, Chairman of Surgery and Dr. Laukka in Medical Education, Juliann has been modeling the effective approach of learning through collaboration by making this educational opportunity possible. She has taken time from her personal study to orchestrate this impactful endeavor to help fellow colleagues achieve new heights in their academic career.



As an Examsoft liaison, I would like to thank the students, faculty, and staff for their cooperation and patience with the implementation on Exemplify. I wanted to update you on the recent operating system (OS) update issues. As stated in the announcement you received two weeks ago, Examsoft is in its beta-analysis of Exemplify with both the Apple and Microsoft OS updates. They have strongly advised that the students DO NOT upload the updates until Examsoft can verify that Exemplify will work on the new platforms. If you have inadvertently uploaded the new OS updates, I am advising that you contact IT to obtain a school computer for the next assessments until Examsoft assures us that Exemplify issues have been corrected. As soon as we get the clearance from Examsoft, we will forward instructions to correctly download the new OS updates and make sure that Exemplify will work.

*Bill Frank, B.A., B.S., D.C., Assistant Professor, Department of Medical Education*

## STUDENT MENTAL HEALTH AND WELLNESS SERVICES

Students have access to mental health and counseling services at Kobacker Center on the Health Science Campus. Additional counselling services are available at the University Counseling Center on Main Campus as well. Services are *confidential* and no information or records are ever released without a patient's signed consent. To make an appointment, please call 419.383.3815

### Health Science Campus

Behavioral Health Services  
Amy Riese, M.D.  
Sandra McCluskey, LPCC-S  
Kobacker Center  
1400 East Medical Loop  
419.383.3815



### Main Campus

University Counseling Center  
Rocket Hall, room 1810  
419.530.2426

## PLASTINATION LABORATORY – THE HIDDEN GEM AT UTCOMLS

Baptista, Ph.D.



*Dr. Carlos Baptista holding normal and diseased plastinated brains which are part of the Museum of Anatomy and Pathology located in the basement of the Health Science Building.*

Tucked away inside the Health Science Campus Facilities Support Building is a hidden treasure – the University of Toledo Laboratory of Plastination. The laboratory was founded in 1987 as a multidisciplinary effort by the Departments of Anatomy, Pathology, Radiology, and Dentistry of the former Medical College of Ohio (MCO); it was developed and is managed by Carlos Baptista, MD, PhD, MPH, Professor, Department of Medical Education. Today, it is the largest plastination laboratory in the United States.

Dr. Carlos Baptista started performing plastination in Sao Paulo, Brazil in 1985. In 1987, Dr. Baptista came to MCO and began the plastination lab. He became a charter member of the International Society for Plastination (ISP) and served as its longest termed president (2008-2016). He has served as Editor-in-Chief of the Journal of ISP for 3 years. In 2016, Dr. Baptista received the Distinguished Member Award from the ISP. He is one of only four people to receive this award - Dr. Gunther von Hagens (Germany), Dr. Robert Henry (USA), and Dr. Andreas H. Weiglein (Austria).

The central mission of the laboratory has been to provide plastinated specimens to facilitate education of healthcare students of the University of Toledo and undergraduate students of the Toledo schools and surrounding vicinity. In addition, the laboratory has been instrumental in creating a permanent collection of normal and pathological specimens housed in the UT Interactive Museum of

Anatomy and Pathology. The goal for using plastinated specimens is to minimize the negative aspects of handling and preserving biological specimens containing formaldehyde and/ or phenol. The plastination process results in reducing student exposure to hazardous fixatives.

Since Gunther von Hagens introduced the concepts of plastination in 1977, interest in plastination has moved from laboratory to classrooms and, more recently, to museums and exhibits around the world. The popularity of plastinated specimens has captivated the public imagination. Since 1996, when von Hagens started the world tour of Body World™, more than 20 million people around the world have viewed the exhibits. The popularity of plastinated specimens is evident by the success of the Student-To-Student program at the University of Toledo College of Medicine and Life Sciences. Dr. Baptista has also shown exhibits in Colorado, Florida, and Michigan.

## PLASTINATION LABORATORY – THE HIDDEN GEM AT UTCOMLS (cont.)

The Laboratory and the University of Toledo has hosted two International Conferences on Plastination (2011 and 2016) and six International workshops. In the past 10 years many International guests visited the laboratory- including Gunther von Hagens. UT is one of 4 laboratories in the world that hosts plastination workshops – Heidelberg, Germany (Dr. von Hagens), Murcia, Spain (Dr. Latorre), and Dalian, China (Dr. Sui).

Specimens prepared at the Laboratory of Plastination of the University of Toledo have been displayed in museum exhibits across the United States, Europe and China. As early as 1993, a series of plastinated cross-sections of brain specimens were loaned to the Museum of Science and Industry in Chicago, IL. The cross-sections are part of the highly-acclaimed exhibit **“Imaging: The Tools of Science.”** This exhibit, which has been viewed by over 10 million visitors, is sponsored by the Howard Hughes Medical Institute and was recognized with a coveted award from the American Association of Museums, a national accrediting organization.

In 2011, the laboratory provided specimens on loan to a newly created traveling exhibit called **“Brain: The Inside Story.”** This international project was co-produced by the American Museum of Natural History – New York, USA; Guangdong Science Center – Guangzhou, China; Granada Science Park Museum – Granada, Spain; Codice Idee per lacultura – Torino, Italy; and Comuni di Milano – Assessorato Cultura, Italy.

Currently, the plastination laboratory is producing specimens for UT and for several institutions across the United States. The laboratory also provides training in plastination for several scientists around the world. Individuals interested in visiting the University of Toledo Laboratory of Plastination and reviewing our collection of normal and pathological specimens in the UT Interactive Museum of Anatomy and Pathology should contact Dr. Baptista.



*Dr. Carlos Baptista pouring epoxy resin in preparation of cross sections of the human body.*