First and Second Year Classes Reach Full Capacity in Wichita
by Dennis Valenzeno, PhD, Chair and Associate Dean of Medical Sciences, Wichita

Twenty-eight first-year medical students, the Class of 2017, were officially “cloaked” with white coats emblematic of the profession along with their fellow students from Kansas City and Salina on the 26th of July. Along with twenty-nine students currently in the second year of the curriculum, including a rare transfer from the Kansas City campus, the total number of medical students in the four years on the Wichita campus has reached an all-time high of 187. The transition to the full complement has gone remarkably smoothly, despite a very busy time in preparation leading up to the current academic year. Special thanks are due to Ruth Friesen, Administrative Assistant in Medical Sciences as well as everyone who has provided support in Academic and Student Affairs in Wichita. Faculty in Medical Sciences serve as instructors in many of the local small group sessions on the Wichita campus along with faculty colleagues from several other KUSM-W departments including Family Medicine, Internal Medicine, Pathology, Pediatrics, Preventive Medicine and Public Health and Psychiatry.

Our students continue to impress us. Two spent most of the past summer in Horconcitos, Honduras. Christina Bourne and Claire Thomas were awarded prestigious Clendening Fellowships to work there with the Blumenschein Clinic. They conducted a health needs assessment of communities served by the clinic, compiling the data into a report that presents an overview of the demographic makeup of the communities and that identifies current health needs that could serve as the focus for future health initiatives in the region. They also conducted a health beliefs survey in the communities concerning chronic disease management. The findings of the beliefs survey will be used to improve communication between patients and healthcare providers and to implement evidence-based education programs encouraging medication adherence and lifestyle changes.

The eight members of our current third-year class posted an entertaining and informative Facebook page to help educate teens and young adults about the value of immunization against human papilloma virus. The Facebook page was created in response to a class assignment on how to communicate effectively with young patients with little or no knowledge of basic biology. The creative artwork, video, graphics and text are all the work of this group of eight imaginative students. Have a look at https://www.facebook.com/LearningAboutHPV?bookmark_t=page. Don’t miss Whitney’s HPV rap!

Faculty have also garnered some national attention in recent months. In January Stephen Charles, M.S., Director of Medical Education and Medical Sciences faculty member, received a Pioneer Award from Education Management Solutions for developing new ways of clinical simulation training. The Standardized Patient Certification Program provides training to community members in education, communication, acting theories, physical examination skills, mentoring other standardized patients and reviewing video tapes of encounters. Dennis Valenzeno, Ph.D., Chair and Associate Dean of Medical Sciences, was elected Central Region Representative of the Group on Regional Medical Campuses of the AAMC and currently serves as Co-Chair of the Group’s Meeting Planning Committee.

Moving forward in Wichita we continue to enjoy the benefits of a smaller campus where we can get to know each student by name. The enthusiastic support of our sister institutions in the city, notably Newman University and Wichita State, with whom we share faculty and physical space, has been maintained. All in all, we see a bright future for medical education in south-central Kansas.

[See the latest News and Events from Medical Sciences at http://wichita.kumc.edu/medical-sciences/news-and-events.html.]
News from Salina
by Michael Robinson, PhD,
Associate Director of Basic Sciences, KU School of Medicine, Salina

As we enter our third Fall semester as a medical school the process is becoming much more familiar, yet there are always surprises and new experiences. The familiar is the welcoming of another intake of M1 students. This is always an exciting event and this year’s class is no different. After a somewhat reduced orientation, we are already well into the Foundations of Medicine module with the first summative exam fast approaching; tempus fugit. So we now have 24 students and the M3’s have taken the USMLE Step 1 exam and are into their clinical clerkships. These increased numbers were evident at the Lukert Society Dinner held during orientation. In the past, this event has seemed like a large room with a few people, but the latest occasion had a much higher attendance with an enthusiastic mixture of faculty, physicians, students, and family members. However, not all has been so predictable in Salina. A number of notable events have taken place that were not foreseen back in 2011. There is now a new EVC, Dr. Girod, who has made a number of very welcome and positive visits to the Salina campus and we eagerly await further interactions in the future. There have been budget discussions that were also not visible two years ago. However, we are still here and going strong, looking forward to the new academic year, and are optimistic about the future.

Updates at the Salina location include the recruitment of Dr. Christopher Brown to principally lead the clinical skills labs, but also to work with Dr. Owings in years 3 and 4 and facilitate some PBL sessions. The students have already experienced Dr. Brown’s teaching abilities and they are universally excited to have him formally enrolled as a faculty member. Also, of note, Dr. Cathcart-Rake led a team of Dr. Boyd Smith and Dr. Michael Robinson in a focus group session at June’s IAMSE meeting in St. Andrews, Scotland. A small, but enthusiastic audience made this a notable event at a very enjoyable meeting.

LCME Mock Site Visit

The School of Medicine will conduct a mock site visit September 8-11. The feedback from the mock visit will further assist the school with its preparation for the actual LCME site visit scheduled for October 20-24.

Simulation Discussion: Strategies to Integrate Simulation Into the Phase I and Phase II Curriculum

Elizabeth Hunt, MD, PhD, MPH, and the Director of Medical Simulation at Johns Hopkins University, has been invited to spend the day on September 5, at KUMC to discuss the use of simulation in training students and practicing health care providers. During the 10 am session, she will describe the extensive use of simulation in the new curriculum at Johns Hopkins University School of Medicine, and help develop strategies to integrate simulation into the Phase 1 and Phase II curriculum at KU. All are encouraged to attend the 10 am session, as well as the other sessions.

8:30-9:30 am The Use of Simulation for Accreditation and Credentialing (Varnes Board Room)

10-11 am Simulation for Undergraduate Medical Education (Varnes Board Room)

12-1 pm Rapid Cycle Deliberate Practice: An Innovative Simulation Strategy for Team Training (School of Nursing 4024) Lunch available to the first 30 attendees

International Association of Medical Science Educators (IAMSE) September Webinar Series


September 12: Learning in Context: Developing Case Scenarios for the Preclinical Curriculum

September 19: Script Concordance Assessment of Clinical Reasoning Medical Students, Five Years Out

September 26: Progress Testing—Concept, History and Recent Developments

October 3: Challenges and Opportunities of Independent Learning

October 10: Social Media Competencies for Medical Educators

All sessions are 11 am-12 pm in 3020 Murphy. Please go to the Professional Development Faculty Training Calendar to register: http://www.kumc.edu/school-of-medicine/pdfa/faculty-training-calendar.html

In Salina, please contact Dr. Michael Robinson at mrobinson2@kumc.edu

In Wichita, please contact Marianne Eyles at meyles@kumc.edu.
Doctors As Educators (DAE) Course: Part 1

The Doctors As Educators (DAE) Program is a 13-session course that focuses on teaching doctors the theory and skills required to become excellent teachers in medical education. All current University of Kansas faculty members are invited to attend.

Sessions are on thirteen consecutive Mondays, August 19-November 18 (except September 2). All sessions are noon-1 pm in the General Medicine Conference Room, 6096 Delp. Lunch is provided.

Sessions:
1) What Makes an Excellent Teacher?
2) Time Management: Making Yours and Everyone’s Around You More Efficient
3) Teaching Clinical Reasoning: Advanced Organizers and the Socratic Method
4) Setting Expectations & Goals for Your Learners
5) Teaching Methods: How to Give A Great Talk vs. Death by Lecture
6) Learning Theories and Role Modeling
7) Motivating the Learner
8) The Difficult Learning/Controlling the Session
9) Conflict Management and Negotiation, Part 1
10) Conflict Management and Negotiation, Part 2
11) Giving Feedback
12) Making Teachers Out of Learners
13) Assessing if Learning is Taking Place/Conclusions

For more information and to register, please visit the Professional Development and Faculty Affairs web page: http://www.kumc.edu/school-of-medicine/pdfa/faculty-development-series/doctors-as-educators.html

Interprofessional Education (IPE) Teaching Series: Developing Skills for Interprofessional Environments—sponsored by KUMC Center for Interprofessional Education and Simulation (CIPES)

Faculty Development for:
* interprofessional competencies
* interprofessional instructional design
* interprofessional delivery/curricular models
* interprofessional group facilitation
* interprofessional precepting
* methods of assessment for interprofessional education

Open to 30 faculty members per session. Faculty are encouraged to attend the entire series but are welcome to attend any sessions as schedules and interests permit.

Session Schedule:
August 22: There is No “I” in Team
Introduction to Interprofessional Education and Practice, and Application of Teaching Methods

September 19: The Recipe for Success...IPE Instructional Design
Apply instructional design principles to develop an IPE activity

October 3: Student “Shark Tank”
Student perceptions of IPE and feedback from the student “shark tank”

October 31: I Got Skills!
Improve interprofessional group facilitation and debriefing skills

November 7: Precepting for the 21st Century
Enhance precepting skills for interprofessional student teams

November 21: Did Someone Say Promotion and Tenure??!
Apply evaluation and assessment strategies to IPE activities to promote scholarship of IPE

For session availability and to register, please contact Kristy Johnston at kjohnston3@kumc.edu.
Phase I Curriculum

This year, two first-year modules will experience a transition in leadership. Tom Yankee, PharmD, PhD will assume the role of module director for the Inflammation and Immunity module. Dr. Yankee will take the reins from Michael Parmely, PhD, who has been named Chair of the Department of Microbiology, Molecular Genetics and Immunology. Dr. Parmely will continue to play a significant role in the module in addition to his duties as Department Chair. The Gastrointestinal Tract and Nutrition module will now be led by Xiaoming Zhang, MD, PhD. Dr. Zhang previously served as co-module director and will assume the leadership role from Robert Klein, PhD, who was recently named Vice Chancellor for Academic Affairs and Dean of Graduate Studies. Dr. Klein will continue to be involved with teaching in the module.

At the August Phase I Committee meeting, the committee held elections to fill the following posts for the 2013-14 academic year:

Phase I Committee Chair: Joe Fontes, PhD
Associate Professor, Biochemistry and Molecular Biology

Phase I Committee Vice-Chair: Dianne Durham, PhD
Professor, Otolaryngology

Education Council Representative: Wolf Zückert, PhD
Associate Professor, Microbiology, Molecular Genetics and Immunology

Phase II Curriculum

This year, for the first time, third-year medical students are now at our Salina campus. Beginning July 1st, students will be in the Neurology, Psychiatry, Family Medicine, and Internal Medicine clerkships followed by Pediatrics, OB/GYN, Surgery, and Geriatric later in the year.

In years three and four, students now have a way to electronically submit their evaluations of faculty and residents. This electronic evaluation tool was developed by the Phase II committee and implemented across all three campuses.

This year also saw the implementation of the new Patient Encounter Logging System called JayLog for use in third- and fourth-year clerkships. The new system is the culmination of months of planning, testing, and piloting by Internet Development, the Office of Medical Education, and Kansas City and Wichita educators and students. There are many new features that make patient encounter logging and reporting easier to use, including smart searching, user interface improvements, condensed, concise reports, and central administration management access. In addition, the system now pulls enrollment information directly from the KUMC enrollment program, Enroll and Pay, to ensure student access and accurate logging as students move from clerkship to clerkship.

Clinical Skills

The Neis Clinical Skills Lab continues to be a venue for Interprofessional Education (IPE). The lab will host a new program developed by the IPTC (Interprofessional Teaching Clinic) in the Family Medicine Clinic that includes students from the Family Medicine Clerkship, fourth-year Nursing students and Pharmacy students work together. They are tasked with developing a collaborative patient care team to assess a standardized patient’s (SP) health concerns and then present the case to faculty. They then have the opportunity to review and share their plan with the patient. After approximately four weeks, the team follows up with the patient to find out how well the plan is working.

The SP’s in this program provide feedback to students after each encounter by sharing thoughts on the experience from their perspective: their confidence in the team, comfort and empathy shown by the team, and how the team communicated and handled the encounter. This provides a wonderful opportunity for students to practice their partnership skills and learn to work together in a positive way that benefits the patients.

We have several upcoming events where students from other areas of educational study will join our medical students in our lab. We look forward to expanding the use of the IPE approach.

Health Care Career Fair

Rural Health Education and Services will be sponsoring the 17th annual Kansas Career Opportunities (KCO) Fair on October 3 on the Wichita Campus and October 10 on the Kansas City campus. Representatives from more than 30 health care employers attend KCO in hopes of recruiting the most talented health care professionals in Kansas.

For more information, visit the website at: http://ruralhealth.kumc.edu/rural-health/news-and-events/kansas-career-opportunities/participants.html.
Did You Know?....Class of 2017

All students come with a variety of interesting former careers, hobbies and experiences. The class of 2017 is no different. Here is but a small list for this year’s incoming first-year students:

- Registered Nurse, Occupational Therapist, Physical Therapist, county health administrator, Certified Nurse Aide, Emergency Medical Technician, EKG Technician and Phlebotomist
- Rattlesnake tracking and relocation
- Lived for study or work abroad in Spain, Peru, South Africa, Bolivia, Chile, Mexico, Argentina, Austria, Nicaragua, Israel, China, France, Ghana and Italy
- Vocal performers
- Wildlife specialist
- State and national level forensics judge
- Navy sailors
- Director of jazz programming on a radio station
- State and national archery champion who worked at a fish cannery and as a roustabout on an off-shore oil production platform
- Soccer coach for 1st– and 2nd-graders
- Classic car renovator and nationally ranked foosball player.

Technology

For the first time since the implementation of the Phase I modular curriculum, incoming M1 students had the opportunity to choose their own computing device. Previously, the school chose the device for Phase I students. As a result of the “Bring Your Own Device” or “BYOD,” there are now 212 students from Kansas City, Wichita and Salina using HPs, Dells, Asus, Macs (partitioned), LenoVo and an assortment of other devices.

The decision to allow students to choose their own device came after the Office of Medical Education, Information Resources, students, faculty and staff participated in a pilot program last year. The pilot was to determine if personal devices would be able to access and run the software and programs used by the School of Medicine curriculum. After a successful pilot, the school moved forward with the new BYOD policy. The school provided all newly admitted first-year students with a web link to minimum technology recommendations to ensure that students chose devices wisely. Student purchases were still eligible for financial aid as long as they followed the financial aid guidelines regarding purchase dates.

To date, students have encountered minimal problems. Tutorials have assisted with the learning curve and staff from the Office of Medical Education have started an optional help session, “Technology Tuesdays.” The session is in Stolard Lounge each Tuesday from noon-1 pm. On the Salina campus, students may contact Mike Kollhoff, and in Wichita, students should contact Dr. Dennis Valenzano for any technology concerns. The Help Desk also provides support for campus-based programs and advice on backup, recovery, virus and malware protection issues. Please visit http://medicine.kumc.edu/Documents/ometech/Student%20Device%20Support.pdf for further details.

In other technology news, iPads have come to the dissection lab. Dr. Xiaoming Zhang and Dr. George Enders secured funding to purchase 28 iPads for use in the Kansas City, Salina and Wichita dissection labs. The iPads were loaded with 2 InKling eTextbooks, Grant’s Dissector, Netter’s Clinical Anatomy and the following applications: Dropbox, PaperPort Notes, iAnnotate. UPad, Pocket Anatomy, Draw Md (Transplant, Orthopedics, Pediatrics, Cardiology, OB/GYN, Vascular, Thoracic Surgery, Female Surgery, ENT, General Surgery, Urology), Essential Skeleton 2, Skeleton of the Head and Neck and Radiology 2.0. Students are now able to access more resources during dissection labs via iPad than they were before with only paper texts.

Kansas Connections, a quarterly newsletter published by Rural Health Education and Services at KU Medical Center, features stories about health care and job opportunities in rural Kansas. The Winter 2011 edition of Kansas Connections is available online at http://ruralhealth.kumc.edu/Documents/ruralhealth/spring2013.pdf

To receive quarterly alerts of the most recent edition, you can sign up at: http://www.ruralhealth.kumc.edu/
The Medical Alumni Innovative Teaching Funds provides funding to KU School of Medicine faculty for innovative projects in teaching and evaluation of medical students.

This year's recipients are:

**The PAIRS Program: Partnering First Year Medical Students with Early-Stage Alzheimer's Disease Patients for Improved Dementia Education**
Heather Anderson, MD
Department of Neurology, Kansas City

**Integrating Basic Science Concepts with Clinical Fundamentals for M1/M2 Students Using a Modified Question and Concept Connection Group Format Facilitated by M3/M4 Students and Smoky Hill Family Practice Residents**
William Cathcart-Rake, MD
Department of Internal Medicine, Salina

**Internet-Enhanced Simulation for Pre-Clinical Medical Students**
Emily Diederich, MD
Department of Internal Medicine, Kansas City

**Development of Case-Based Computer Simulation to Teach Medical Students Differentiation of Dementia, Delirium, and Depression**
Jessica Kalender-Rich, MD
Department of Internal Medicine, Kansas City

**Simulation for Teaching Pelvic Anatomy, Surgical Concepts in Obstetrics and Gynecology, and Treatment of Common Obstetrical Emergencies**
Zachary Kuhlman, MD
Department of Obstetrics and Gynecology, Wichita

**Using Student-centered, Simulation-based Training to Improve Medical Students' Patient-care and Procedural Skills**
Robert McKay, MD
Department of Anesthesiology, Wichita

**Patient Video Cases for Phase I Brain and Behavior and Infectious Disease Modules**
Jessica Newman, DO
Department of Internal Medicine, Kansas City

**What are the Best Educational Practices for Teaching Simulated Auscultatory Findings**
Jon Schrage, MD
Department of Internal Medicine, Wichita

**Bootcamp: Intensive Program for Medical Students Needing Remediation in Taking Histories, Physicals and Developing Problem Lists, Differential Diagnoses and Plans**
Pam Shaw, MD
Department of Pediatrics, Kansas City

**Meeting Milestone One**
Carrie Wieneke, MD
Department of Obstetrics and Gynecology, Kansas City

**The Interprofessional Standardized Patient Encounter: Preparing Medical, Nursing, and Pharmacy Students to Join Forces!**
Jana Zaudke, MD
Department of Family Medicine, Kansas City