ACADEMIC AFFAIRS Monday Monthly NEWS for August 31, 2015

BIG News: Dr. Aron C. Sousa has been chosen as the Interim Dean of the College of Human Medicine. Dr. Sousa is an associate professor of medicine and has served as senior associate dean for academic affairs since 2007. Under his leadership the college has doubled its enrollment to 800 students, experienced two highly-successful LCME accreditation self-studies and site visits, added Traverse City, Midland and Southeast Michigan to our community campus family, and obtained Mott Foundation funding to create a public health educational and research program in Flint. His vision for the college’s next curriculum has guided ongoing development efforts as well as a truly unique and innovative pilot of the Shared Discovery Curriculum’s Early Clinical Experience. His leadership was instrumental in the design and function of the Secchia Center, the renovation of the Historic Flint Journal Building, and the renovation of the Clinical Center A wing to provide the new home for Admissions, Student Affairs, and the Office of Preclinical Curriculum. He delivers primary care to adults as a part of the Division of General Internal Medicine as well as providing care to hospitalized patients, and is an award-winning teacher of students and residents. We are extremely fortunate to have Dr. Sousa step into this critical leadership role at a challenging and exciting time for the college!

Photo courtesy of Jenny Stevenson Photography

Curriculum Process and Progress: CHM is one of 10 medical schools participating in the AAMC pilot project studying Core Entrustable Professional Activities for Entering Residents, known by the acronym CEPAER. The goal of the project is to understand what will best enable students to be entrusted to perform 13 key tasks required of new interns in order to maximize patient safety and new resident competence and confidence at the transition from undergraduate education to residency training. Planning is taking place for accomplishing this within both our present curriculum and our new curriculum structures. The first of the 13 Core Activities is:

Gather a history and perform a physical examination

CHM students begin to learn about data-gathering in the first weeks of medical school, and continually throughout the curriculum. Patient-centered interviewing and the core physical examination are taught in semesters 1 and 2, and then reinforced and tailored to specific patient presentations in subsequent semesters. Faculty are exploring ways to strengthen skills and provide more feedback to students, with the aim of providing more opportunities in Blocks 1 and 2 to fine tune skills being developed for this upcoming year.
Kudos: Congratulations to Hillary Woodworth, one of our MD/PhD students, for being awarded an F-30 award from the National Institute of Diabetes and Digestive and Kidney Diseases for her project entitled “Neural Mechanisms by Which Lateral Hypothalamic Neurotensin Neurons Regulate Energy Balance.” Hillary is in the Physiology Graduate Program carrying out her research in the laboratory of Gina Leinninger.

Academic Affairs People You Should Know: This month’s person you have already been introduced to but has a new and expanded role. Dr. Margaret Thompson is our new Interim Associate Dean for Academic Affairs and will provide leadership to the preclinical, clinical, and academic support aspects of our legacy curriculum. Dr. Margaret Thompson is a family medicine physician who has led the Grand Rapid’s campus as Community Associate Dean for 10 years and has been Assistant Dean for Clinical Curriculum for two years. She graduated from Northwestern University with a degree in biochemistry and molecular biology, and subsequently, from the University of Michigan medical school. Dr. Thompson completed one year of an obstetrics and gynecology residency before training in family practice at the Medical Center Hospital of Vermont. She moved to Grand Rapids in 1990 and was active in teaching both residents and medical students, serving for several years as the lead clerkship director for the family medicine clerkship. She has a long history of innovative medical education, partnerships in inter-professional education, community leadership on numerous boards, and excellent work with students and faculty across the state. Dr. Thompson wrote the college’s successful application to be one of the 10 pilot schools for the AAMC Core Entrustable Professional Activities for Entering Residency program.

Dr. Thompson is married to Dr. David Thompson, a urologist in Grand Rapids, and has two daughters and a raucous black lab mix dog named Cooper. When she is not working, she enjoys walking (planning another half marathon soon), cooking, golf, and exploring new technology and gadgets. She would love to talk with you about smart watches and the Amazon Echo. She is passionate about helping students become happy and successful physicians, and enjoys meeting with students to discuss careers.

Continuous Quality Improvement Focus: This month’s CQI focus is on:

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<th>Genetics content coverage in the Curriculum</th>
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<td>We want our coverage of genetics content to reflect the most up to date information for patient care and for success on the USMLE Step examinations</td>
<td>Dr. Toriello has reviewed all Block 1 and Block 2 courses for genetics content. PBL domains are being updated using the latest information from the USMLE outline and that curriculum audit</td>
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Tips for Students: The field of medicine loves a good acronym – and acronyms can be barriers to understanding. When something is communicated using initials, and you don’t know what those initials stand for, ASK. This problem never really goes away – and those involved in the undergraduate, graduate and continuing medical education enterprise are trying to be more cognizant of how confusing acronyms can be. For starters, here are some commonly-used acronyms that medical students, residents, fellows and faculty members sometimes find baffling:

UME = Undergraduate Medical Education = Medical school (Does not equal undergraduate education or college)

GME = Graduate Medical Education = Residency (ex: Internal Medicine or Surgery) and Fellowship (ex: Endocrinology or Critical Care)

CME = Continuing Medical Education (sometimes called CPD or Continuing Professional Development) = the educational experiences that practicing physicians participate in to stay current in their fields and to maintain certification and licensure

Patient Care Pearl: If acronyms and jargon are confusing for those of us in the health care field, imagine how much worse it is for patients. Health care providers must speak more than one language – the language of their profession and the translation of that language into terms that patients can understand. This is easier said than done!!!

Publications and Presentations:

Publications
- **Common use of dietary supplements for bipolar disorder: a naturalistic, self-reported study**
- **The Definitive Guide to the OSCE: The Objective Structured Clinical Examination as a performance assessment. Case Study: Postgraduate Year 1 – Patient Safety OSCE**
- **Global Bioethical Prevention of the Collision of Biological and Cultural Evolution on Miserable Human Survival**
- **Induction of Painless Thyroiditis in Patients Receiving Programmed Death 1 Receptor Immunotherapy for Metastatic Malignancies**
- **mHealth SMS test messaging interventions and to promote medication adherence: An integrative review**
Publications continued

- **A Moonlighting Enolase from Lactobacillus gasseri does not Require Enzymatic Activity to Inhibit Neisseria gonorrhoeae Adherence to Epithelial Cells**

- **Phosphatidylcholine specific PLC-induced dysregulation of gap junctions, a robust cellular response to environmental toxicants, and prevention by resveratrol in a rat liver cell model**

- **Post-Operative Stimulated Thyroglobulin and Neck Ultrasound as Personalized Criteria for Risk Stratification and Radioactive Iodine Selection in Low- and Intermediate-Risk Papillary Thyroid Cancer**

- **Training the personal and home care aide workforce: Challenges and solutions**

Presentations

- **Biological Concepts of Human Carcinogenesis: Collision of biological & Cultural evolution; Stem cells; multi-stage nature of carcinogenesis; gene-environmental interactions; and Characteristics of mutagenic & epigenetic agents**

- **A new paradigm in chemical hazard assessment: Chemicals do not induce genomic mutations but are epigenetic agents**

- **Nutrition, Epigenome, aging and chronic diseases**

- **Strategies for Efficient and Effective Preceptoring**
  Ferenchick, Gary. SEMCME Faculty Development Series “Developing your Learners through Assessment and Feedback.” Forthcoming on multiple dates in 2015.

- **Temporal Trends in Post-Surgical Serial Thyroglobulin (both Stimulated and Unstimulated High Sensitivity) among Papillary Thyroid Carcinoma Patients Not Receiving Radioactive Iodine Ablation**

Did you publish or present recently? Send your citation to CHM.AcademicAffairs@hc.msu.edu, and we will list your accomplishments in the next edition of the Academic Affairs Monday Monthly!

An archive of Academic Affairs Monday Monthly newsletters can be found here.