**News You Can Use:** Fourth year students are gearing up for the residency application process. There are some relatively important changes this year. One of those is that more residency specialties are requiring Standardized Letters of Recommendation (SLOR) or Evaluation (SLOE). For example, Orthopedics now has a standardized letter. The advantage to the program is that this allows direct comparison of applicants across several competencies. You can find the template [here](#).

Emergency medicine has used SLOEs for several years. Not to be outdone on the innovation front, this year, Emergency Medicine is piloting a standardized video interview. The AAMC is helping to coordinate this. Applicants will submit a video of themselves answering standardized questions. For more information on this, please see the [AAMC Standardized Video Interview](#) section on the AAMC website.

**Kudos:**
The students have spoken! Kudos to the following faculty and staff members, recipients of the Green Apple Awards for 2017:

- Patricia Allen
- Judy Brady
- Houria Hassouna
- Terry McGovern
- Ashley O'Bryant
- Anthony Paganini
- David Raffo
- William Wonderlin

Anita Arthur, CHM student, is a recipient of the 2017 American Medical Association Foundation’s Excellence in Medicine Minority Scholars Award. The awards program recognizes physicians who exemplify the highest values of volunteerism, community engagement, leadership and dedication to the care of underserved populations.

Congratulations to DOCTOR Renoulte Allen in the Academic Achievement Unit. Dr. Allen was awarded his Ed.D. degree from Michigan State University at the Spring commencement. His dissertation title is called, “Student Voice and its Impact on Curriculum and Instruction.” We are proud of Dr. Allen and this remarkable achievement. He continues to generate great ideas for helping students succeed.
Kudos continued:
Congratulations to Dr. Erin Sarzynski on her selection to participate in the National Institute on Aging (NIA) Butler-Williams Scholars Program, being held July 31- August 4 on the NIH Campus in Bethesda, Maryland. The B-W Scholars Program will provide an excellent opportunity to learn more about research on aging and to further develop interest in this challenging and important area. Dr. Sarzynski is one of 53 participants selected from among a group of outstanding applicants.

Curriculum Process and Progress: The office of Academic Affairs and the clinical departments are hard at work creating two-week clinical electives, which will be available to the Class of 2019 and the following classes. We should be ready for students to enroll in these by the summer of 2018. In order to have these courses approved by the University Curriculum Committee and available for registration, we need to have the requests submitted to the College of Human Medicine Curriculum Committee by September of this year. As we roll out these shorter electives, we will be changing the policies for the Class of 2019 so that clinical electives may be two to four weeks in length (earning from three to six credits). This is a change from the current requirement that all electives are at least six credits (four weeks).

Academic Affairs Person You Should Know: Stuart K. Johnson, DO, was named CEO and Community Assistant Dean of the Michigan State University College of Human Medicine – Upper Peninsula Region in May of 2017. He will continue to serve as the Designated Institutional Official at UP Health System – Marquette. He was previously the Director of the Marquette Family Medicine Residency Program, and a member of the program’s twenty-second graduating class. He directed and developed the osteopathic program and is an advocate for education in osteopathic principles and practice.

Dr. Johnson completed the Primary Care Faculty Development Fellowship Program through Michigan State University in 2004, the National Institute of Program Directors Fellowship in 2008, a Palliative Care Education and Practice Fellowship through the Harvard Medical School in 2011, and is currently involved with the Duke LifePoint Physician Leadership Fellowship. He is boarded in Family Medicine and carries a Certificate of Added Qualification in Hospice and Palliative Medicine.

Dr. Johnson has visited rural villages of Haiti through his involvement with Friends of Haiti-Green Bay organization. These trips are often accompanied by other medical learners. There is a significant need for volunteerism locally and abroad. This is one way that Dr. Johnson brings hope to those who have limited access to healthcare.

Dr. Johnson is involved in local church and community activities. He and his wife Beth enjoy family time with their five children, Jared, Rachel, Rebecca, James and Lily. When they have a free moment, they enjoy a walk on the beach. Dr. Johnson also enjoys working in the yard, building, remodeling, and cycling.
Continuous Quality Improvement:

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<td>Students on clinical rotations need weekday time off for health care appointments and to manage other personal needs.</td>
<td><strong>Progress to date:</strong> In the academic year 2015-16, we instituted a “Personal Time Off” day for each eight week clerkship, which students do not have to remediate. During the last academic year, we attempted to make that day more flexible by not asking for notice as far in advance. Feedback from students suggests that this change was welcome, but that there are still issues with appointments that need to be scheduled during the block with the elective and psychiatry clerkships. <strong>Response:</strong> Beginning with the first clerkship in AY 2017-2018, students will be allowed a PTO day during the third year elective month. We will continue to survey students to ensure that they feel that access to health care appointments and personal needs is appropriate.</td>
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**Tip for Students:** Many students with families or other dependents find it difficult to find reliable care for a child, elderly or infirm family member, or even a pet. Did you know that Michigan State University offers FREE access to the website, Care.com? This resource is available to all faculty, staff, and students at MSU. Ordinarily, one pays about $90 for a three month subscription. Care.com allows one to input the type of care sought, location, rate of pay, and other parameters, and provides a secure communication channel to share information with potential caregivers. If you haven’t already, check out [MSU Care.com Services](#).

**Wellness Tip:** Summer affords many opportunities to enjoy the out of doors. Yet, those higher temperatures can cause water loss even after the sun goes down! With exercise, heat and increased sweat, all the more important to stay hydrated. Just can’t drink enough water to meet recommendations for adequate intake? Water in food provides about 20% of water intake. So grab some summer fruits and vegetables. Watermelon, cantaloupe and strawberries along with cucumbers, tomatoes and zucchini are among the highest in water content. You might also consider refreshing a glass of H2O with fresh lime juice and some sliced cucumber!

**Patient Care Pearl:** We spend a lot of time teaching and asking about drug-drug interactions. But, are you aware of many food-drug interactions which may affect the pharmacokinetics and pharmacodynamics of a medication? Here are a few, some more obvious than others:

- Angiotensin converting enzyme (ACE) inhibitors and foods rich in potassium (bananas, oranges, greens)—can lead to hyperkalemia.
- Grapefruit juice (specifically, the furanocoumarin it contains) inhibits CYP3A4, an enzyme in the small intestine which engages in first-pass metabolism of many drugs, including many statins, benzodiazepines, and dihydropyridine calcium antagonists.
- High protein foods may potentiate the absorption of some drugs, such as propranolol, and soy protein, because it has a relatively high vitamin K content, can alter the effect of warfarin.
- Leafy greens like kale, spinach, and parsley, as well as broccoli and Brussels sprouts, all contain high amounts of vitamin K, which may block the effects of warfarin.
- Calcium-rich foods, such as milk products, interfere with antibiotics by forming covalent bonds which prevent absorption and decrease bioavailability.
Presentations and Publications:

Posters

• **An Exploratory Analysis of the Consumer Food Environment in London, Ontario: Assessing Children's Menus by Neighbourhood Socioeconomic Characteristics**

• **Asymptomatic Persistent Eosinophilia in an Elderly Patient with Surgical Mesh**

• **Evaluating a Smartphone-based Nutrition Intervention in an Adolescent Population.**

• **Off-Hours Use of a Smartphone Application in Patients with Schizophrenia Spectrum Disorders Following Hospital Discharge**

• **Improvement in Anxiety as a Predictor for Depression Response in Patients Undergoing ECT**

• **Use of a Smartphone Intervention ‘Off-hours’ Among Subpopulations of Patients with Schizophrenia Spectrum Disorders Following Hospital Discharge**

• **What do Tenure System Junior Faculty and Mentors Discuss?**
  Barry HC. AAC, Austin, TX, July 2017.

Presentations

• **A Cross Cultural Examination of Pain: Conceptual, Practical and Clinical Ethical Challenges**

• **An Aging World and the Need for Caregiver Support**

• **An Analysis of Change in Cardiovascular Risk among Myanma Refugees**
Presentations continued

- **Anticoagulant Therapy**  
  Walsworth DT. (Invited Course Director) AAFP, Chronic Conditions Course, Rancho Bernado, CA, July 2017.

- **Arts and Health: Research and Education Projects in South Africa and the U.S.**  

- **Assessing Healthy Food Availability in Flint, Michigan**  

- **Awareness of Diversity in Patient Medical Beliefs and Interest in Working with Immigrant, Cultural and Linguistically Varied Communities: An Exploratory Study of Medical Students in Training**  

- **Case Study - Chronic Pain Management**  
  Walsworth DT. (Invited Course Director) AAFP, Chronic Conditions Course, Rancho Bernado, CA, July 2017.

- **Clinical neuroethics: Cracking brains and health care systems**  

- **Community-engaged Development of a GIS-based Healthfulness Index to Shape Health Equity Solutions**  

- **Comparison of prevalence’s of depression and anxiety among patients presenting to the emergency department in both rural and suburban hospitals**  

- **Chronic Opioid Therapy – Update**  
  Walsworth DT. (Invited Course Director) AAFP, Chronic Conditions Course, Rancho Bernado, CA, July 2017.

- **Deliberative Democracy and the Challenge of an Aging Society**  
  Luz, C. Invited Presentation to College of Arts and Letters, AL210 Course, Kresge Center, April 20, 2017.

- **Development and Preliminary Validation of a Questionnaire Measuring Students' Attitudes toward Family Medicine**  

- **Does Real or Perceived Availability of Healthy Foods Influence Glycemic Control in Patients with Type II Diabetes in Flint, MI?**  

- **Educational Debt Associated with Lower Exam Scores among Family Medicine Residents**  
Presentations continued

- **Effect of Deliberation on Attitudes Toward Biobank Consent Options**

- **Factors influencing post-partum smoking relapse in a rural population**

- **Faculty and Organizational Health: A focus on Energy and Joy**

- **Faculty for Tomorrow Webinars – Webinar 6: Effective Clinical Teaching**
  Rydel TA, Sekoni K. (Panelist) STFM Online Courses, June, 2017.

- **Family Medicine Residents with High Debt are Half as Likely to Choose Academics, Geriatrics, or Public Service Careers**

- **From Physical Examination to Cross Examination: An Inter-Professional Approach to Decisionally Impaired Older Adults**

- **Geospatial Analysis between Neighborhood Characteristics and Bystander CPR Initiation Rates**

- **Getting the Word Out: Sharing the Realities of Rural Medicine with Future Rural Physicians**

- **Hiding in Plain Sight no more: A Proposal to Improve Referral Accuracy for Dementia**

- **Home Care for Older Adults and Workforce Challenges in the U.S.**
  Luz, C. Invited Seminar for the Division of Geriatric Medicine, Groote Schuur Hospital and the Albertina and Walter Sisulu Institute of Ageing in Africa, University of Cape Town, Cape Town, South Africa, June, 2017.

- **How do you Know Who is Interested in Family Medicine and What are you Going to do About it?**

- **How to Face Life, Aging, and Mortality the Spartan Way--with Boldness and Design**
  Luz, C. Invited Presentation to the MSU Emeriti Association, MSU Kellogg Center, May 18, 2017.

- **Identifying Access to Maternity and Perinatal Care in Rural Michigan**
Presentations continued

- **Integrating Social Determinants of Health to Improve Care for your Patients**

- **Is the Grass Getting Greener on the Wrong Side of the Tracks? Using Emerging Hot Spot Analysis to Uncover Relationships between Greening and Crime Over Time**

- **Legionella Pneumophila in the Flint Water Supply: A Molecular Epidemiology and Virulence Assessment**

- **Making the Most of Life and Mortality: Critical Issues Facing an Aging Population**

- **Media Coverage & Public Perception on Psychiatric Neurosurgery**

- **Osteoporosis & Osteopenia**
  Walsworth DT. (Invited Course Director) AAFP, Chronic Conditions Course, Rancho Bernado, CA, July 2017.

- **Perceived Barriers to Higher Education and Medical Education in Rural Michigan**

- **Physical and Chemical Exposure is Linked to Epigenetic Alterations in Stress Responsivity in Refugees**

- **Physician Wellbeing**

- **Recovering Christian Charity**
  Stahl D. Summer Institute on Theology and Disability. Azusa, California. June 2017.

- **Reflections on Embodiment and Disability Advocacy**
  Stahl D. Summer Institute on Theology and Disability. Azusa, California. June 2017.

- **Regional Option Prescribing**

- **Student Choice of Family Medicine: What Influence do Family Medicine Interest Groups Have?**

- **Ten Studies in the Past Year that Changed Family Practice**
Presentations continued

- **The Doctor who Draws you a Map to the Hospital: Linking Geographical Research with Medical Practice**
  Sadler RC. (Invited-Plenary Session) Association of American Medical Colleges CGSA/COSR Regional Meeting, Rochester, MN, April, 2017.

- **The Effect of Participatory Management, Work Climate, and EHR Functionality on Practice Efficiency**

- **The History Behind the Flint Water Crisis and Ongoing Research**

- **The Relationship of Students' Probationary History, Failure to Follow Academic Advice, and Entry into the Supplemental Offer Acceptance Program (SOAP): A Comparison between Two Medical Schools**

- **Trends in Family Medicine Interest Among Underrepresented Minority Students From Matriculation to Graduation at Michigan State University College of Human Medicine**

- **Two Peas in a Pod: Improving Healthy Food Access via the Colocation of the Hurley Pediatric Clinic with the Flint Farmers' Market**

- **Update on Technical Developments and Clinical Use of Telemedicine**

- **Writing and Submitting Manuscripts to Family Medicine Journals**

Publications

- **Alzheimer’s Disease in the Latino Community: Intersection of Genetics and Social Determinants of Health**

- **Assessing surgical residents’ imaging interpretation skills**

- **Beyond the Technology: Attribution and Agency in Treatments for Mental Disorders**
Publications continued

- **Bystander CPR is Clustered and Associated with Neighborhood Socioeconomic Characteristics: A Geospatial Analysis of Kent County, Michigan**

- **Disparities in the management and prophylaxis of surgical site infection and pancreatic fistula after pancreateoduodenectomy**

- **Exploring the spatial-temporal relationships between a community greening program and neighborhood rates of crime**

- **Factors associated with treatment failure after an index episode of acute diverticulitis**

- **IL-10 is associated with increased energy in newly arrived traumatized Middle Eastern refugees in the US**

- **Impact of medical or surgical admission on outcomes of patients with acute cholecystitis**

- **Just caring: Do we need philosophical foundations?**

- **Opportunities to improve clinical summaries for patients at hospital discharge**

- **Patient-reported negative experiences related to caries and its treatment among Swedish adult patients**

- **Recurrent Kidney Stone Episodes Leading to a Diagnosis of Occult Acromegaly**

- **Sex differences and predictors of changes in body weight and non-communicable diseases in random, newly-arrived group of refugees followed for two years**

- **Shaking Up the Debate: Ensuring the Ethical Use of DBS Intervention Criteria for Mid-Stage Parkinson’s Patients**
Publications continued

- **Social and Built Environmental Correlates of Predicted Blood Lead Levels in the Flint Water Crisis**

- **Synthetic MRI for Clinical Neuroimaging: Results of the Magnetic Resonance Image Compilation (MAGiC) Prospective, Multicenter, Multireader Trial**

- **Testing U.S. State-based Training Models to Meet Health Workforce Needs in Long-Term Care**

- **The management of patients with colorectal cancer and synchronous liver metastases or indeterminate liver lesions: a community teaching hospital experience**

- **To improve cancer treatment, we need to have patients and care teams connected!**

- **You are where you live: Methodological Challenges to Measuring Children’s Exposure to Hazards**

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.