

# College of Medicine AcCOMplishments



April - June 2019 Edition

Brought to you by the Faculty Life Office

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**WELCOME** to this quarter's edition of UCF College of Medicine's Faculty AcCOMplishments! This newsletter is designed to highlight our faculty's hard work and dedication to the medical field and the value it adds to our university and community. In addition to highlighting these endeavors, the content also acts as a resource for research collaborations and interests among fellow faculty members. Take a few moments to discover the amazing contributions that our faculty have accomplished.

## FEATURED ARTICLE



**Nadine Dexter Edd, MLS,  
DAHIP, Director Health Sciences  
Library, Co-Director of Medical  
Informatics  
Featured in Doody's Core Titles**

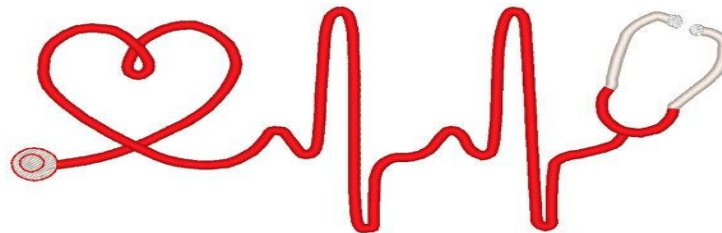
**The MLA InSight Initiative** was developed to create an environment where MLA librarians and participating organizations can engage in high-level dialogue on common issues of concern that impact the health information profession. So far, there have been three Insight Summits, which have engaged in discussions about discovery tools, security of IP authentication, pirate sites, understanding the frustrations of users, the use of social networking as a discovery tool, and other topics of interest. I will discuss my takeaways from Summit 2, which was held in Chicago and centered on the theme, "Meeting the evolving information needs of library stakeholders."

One of the common issues we all shared at the summit was that many of our users had the belief that the content they accessed online is "free from the library." Based on discussions with students and library users, we need to find a way to inform users where the content comes from and that someone is indeed paying for it -- it is not "free." We talked about finding a way to be transparent with users about the cost of licensing resources. There was a healthy discussion about licensed content, which is curated and peer reviewed vs. quick lookup content which is not peer reviewed or even evidence based. To the user, it all looks the same. So, we have some work to do as we try to educate our users in a meaningful way about where their content comes from and that there is a price tag for it, usually paid for by the library.

Another important distinction between free and curated material relates to open access (which causes confusion at the same time). It is free to the reader, but it is not free for the author. The author (or a funding agency or department or library or institution) pays to provide the access. This is sometimes eye-opening to a novice researcher who aims to publish a first paper in an open access journal but hits a wall when there is a steep price tag to publish it. Usually, novice researchers are going for promotion and/or tenure and they are desperate to get accepted and be published in any journal. The pressure from institutional promotion committees and department chairs can be intense for new faculty and for librarians who they frequently seek out for advice. In my institution, our Scholarly Communications Librarian is currently working with department heads to get on their department meeting calendars to educate faculty and staff about the open access initiatives and how this will impact grant proposals, department budgets, and, of course, library budgets.

The summit participants then moved into conversations about predatory publishers. Librarians understand how important it is to help our users identify predatory publishers and work to help our faculty, students, and staff understand the potential harm that predatory publishers do to legitimate literature and to their own professional careers, not to mention the potential harm to patients from non-peer-reviewed or poorly peer-reviewed literature. Then the discussion drifted to pirate sites, where our frustrated users will go when they hit an access challenge like a IP password or ID number. There are dangers for those who decide to use these pirate sites and they may pay a high price for choosing to use them, like downloading malware or inadvertently providing their login credentials to their other campus accounts. These are important messages, and both librarians and vendors have a role in spreading them.

It was concluded that, together, vendors and librarians can help to identify issues with authentication to legitimate licensed content and make it easier for users to gain access to library subscribed content with a minimum of time and energy. We can work together to help identify predatory journals and teach our users how to identify them.



## Faculty Publications

- ◆ Sozio, S., Pivert, K., Shah, H., Chakkerla, H., Asmar, A., Varma, M., Morrow, B., Patel, A., Leight, K., Parker, M. (2019). Increasing Medical Student Interest in Nephrology. *American Journal of Nephrology*, 50(1), 4-10. doi:10.1159/000501058
- ◆ Mais DD, Crothers BA, Davey DD, Natale, KE, Nayar R, Souers RJ, Blond BJ, Hackman S, Tworek JA. Trends in thyroid fine-needle aspiration cytology practices: results from a College of American Pathologists 2016 practice survey. *Arch Pathol Lab Med* 2019 (early online publication May 17, 2019). PMID: 31100017.

- ◆ **Davey DD**, Souers RJ, Goodrich K, Mody DR, Tabbara SO, Booth CN. Bethesda 2014 implementation and human papillomavirus primary screening: practices of laboratories participating in the College of American Pathologists PAP Education Program. *Arch Pathol Lab Med* 2019 (early online publication April 25, 2019). PMID: 310216573.
- ◆ **Davey DD**. Bridging the Gap: New ACGME common program requirements will affect pathology and cytopathology training. *Cancer (Cancer Cytopathol)* 2019 (early online publication April 5, 2019). PMID: 30951257.
- ◆ Joshi, M., Verduzco, R., Yogi, S., Garcia, M., Saxena, S., Tackett, S., **Dexter, N.**, Dempsey, A., Whitaker, E., Azzam, A. (2019). Wikipedia Editing Courses at Three US Medical Schools in the 2017-2018 Academic Year. *MedEdPublish*, 8(2). doi:10.15694/mep.2019.000146.1
- ◆ **Gillum S**. A Review of JBI SUMARI: A Systematic Review Tool. *Doody's Collection Development Monthly*. <https://dcdm.doody.com/2019/05/a-review-of-jbi-sumari-a-systematic-review-tool/>. Published May 28, 2019.
- ◆ **Gorman, L**. A New Rubric to Formatively Assess Case-Based Learning (CBL) of Pharmacology and Pathology in Preclinical Learners. Presented April 2019 at the EB ASPET meeting in Orlando, FL. *The FASEB Journal* (2019) 33(1):803.4. [https://www.fasebj.org/doi/10.1096/fasebj.2019.33.1\\_supplement.803.4](https://www.fasebj.org/doi/10.1096/fasebj.2019.33.1_supplement.803.4)
- ◆ Do, V., Cowan, M., **Gorman, L**. Comparison of Impact of Topic Organization, Spacing, and Complexity Design on Learning, Engagement, and Preference for Medical Student Pharmacology Trivia Games. *The FASEB Journal* (2019) 33(1):803.3. [https://www.fasebj.org/doi/10.1096/fasebj.2019.33.1\\_supplement.803.3](https://www.fasebj.org/doi/10.1096/fasebj.2019.33.1_supplement.803.3)
- ◆ **Gorman, L.**, Berry, A., **Dangiolo, M**. Integration of Innovative Geriatric Pharmacotherapy Educational Tools into Fourth Year Elective Improves Geriatric Prescribing Knowledge and Competency. *Med.Sci.Educ* 28 (Suppl 1): 21. <https://doi.org/10.1007/s40670-018-00663-4>
- ◆ **Gotschall T**, Ogawa R, Arora P. Infographic: Pathways to content: How users, libraries and content providers meet. Medical Library Association. April 2019. (Invited)
- ◆ **Herring, P**. A review of Facts & Comparisons eAnswers. Featured Article. Doody's Collection Development Monthly. April 2019. <http://dcdm.doody.com/2019/04/a-review-of-facts-comparisons-eanswers/>
- ◆ **Kay, D**. Medical students' expectations of faculty and student conduct during lecture. Oral presentation at the International Association of Medical Science Educators (June 2019), Roanoke, VA.
- ◆ **Klapheke M**. A Case Study of Neurocognitive Disorders/Dementia: 2019 Self-Learning Module. Peer reviewed by Association of Directors of Medical Student Education in Psychiatry (ADMSEP); published on their website at: <https://admsep.org/csi-emodules.php?c=neurocognitive&v=y>
- ◆ **Pasarica M. Kay D**, Cameron, R. (2019) Using active pedagogies to advance learning for lifestyle medicine: an approach for medical students. *Advances in Physiology Education*, 43:191-195, doi:10.1152/advan.00195.2018.
- ◆ **Pasarica, M. Kay D**. (2019). Lifestyle medicine education: Finding learning outcomes in unexpected places. *Medical Science Educator*. <https://doi.org/10.1007/s40670-019-00697-2>.
- ◆ Hana Douafer, Véronique Andrieu, **Otto Phanstiel IV**, Jean Michel Brunel. Antibiotic Adjuvants: Make Antibiotics Great Again! *J. Med. Chem.* 2019, <https://doi.org/10.1021/acs.jmedchem.8b01781>
- ◆ **Seifert, M.** , **Dexter W**. Exercise Associated Hyponatremia. *5 Minute Sports Medicine Consult, 3rd Edition*. April 2019. <https://5minuteconsult.com/collectioncontent/1-476754/diseases-and-conditions/exercise-associated-hyponatremia-sports-medicine>
- ◆ **Taliaferro, LA**, Almeida J, Aguinaldo LD, McManama O'Brien KH. Function and progression of non-suicidal self-injury and relationship with suicide attempts: a qualitative investigation with an adolescent clinical sample. *Clinical Child Psychology and Psychiatry*. 2019, 1-10. doi: 10.1177/1359104519862340 [Epub ahead of print].
- ◆ **Taliaferro LA**, Harder BM, Lampe NM, Carter SK, Rider GN, Eisenberg ME. Social connectedness factors that facilitate use of healthcare services: comparison of transgender/gender non-conforming and cisgender adolescents. *The Journal of Pediatrics*, 2019; 211:172-178.

## Faculty Presentations

- ◆ **Franceschini, D.**; Reiner, M.; Teti, C.; Beiler, R.; Neal, J.; Bell, R.; Marchena, C. (June 2019). S.P.E.E.D. 'Dating' for SPEs – Standardized Patient Educators Exchanging iDeas. Workshop, Orlando, Florida
- ◆ **Franceschini, D.**; Teti, C.; **Castiglioni, A.** (June 2019). Drawing It Out: Process Deconstruction for Standardized Patient Scenario Portrayal Improvement. Presentation, Orlando, Florida
- ◆ **Franceschini, D.**; Eberbach, K.; Chick, A.; Hoffman, B.; Krossman, J.; Perez, C.; Plumb, A. (2019). Lights – Cameras – Activities: TeamSTEPPS via Active and Immersive Learning. Pre-conference workshop, San Antonio, Texas
- ◆ **Gillum S, Gotschall T, Williams N.** Presentation: A year of creative assessment: Incorporating micro-assessments into the library. Medical Library Association Annual Conference, May 2019, Chicago, IL.
- ◆ Gallos JV, Ogawa RS, **Gillum S**, Jones S, Aspinall E, Willis C. CE Panelist: Managing from the middle: Learning to lead from where you are. Medical Library Association Annual Conference, May 2019, Chicago, IL.
- ◆ **Kay, D., Harris, D., Cowan, M., Gorman, L.** “Using a Novel Template to Design Engaging, High Yield Small Group Learning Encounters”. Small group workshop presented at the 2019 AAMC SGEA meeting in Orlando, FL.
- ◆ **Harris, D., Castiglioni, A., Gorman, L., Hernadez, C., Kalidindi, S.** (2019) Using High Fidelity Patient Simulations (HFPS) to strategically implement TeamSTEPPS (TS) tools to pre-clerkship medical students. *Abs. SGEA of the AAMC*, presented at the 2019 SGEA meeting in Orlando, FL.
- ◆ **Gorman, L., Berry, A., Dangiolo, M.** Innovative Undergraduate Medical Education Geriatric Fourth Year Elective Provides Impactful Geriatric Pharmacotherapy Education. *Abs. SGEA of the AAMC*, presented at the 2019 SGEA meeting in Orlando, FL.
- ◆ **Gorman, L.** A New Rubric to Formatively Assess Case-Based Learning (CBL) of Pharmacology and Pathology in Preclinical Learners. Presented at the 2019 EB ASPET meeting in Orlando, FL.
- ◆ Do, V., Cowan, M., **Gorman, L.** Comparison of Impact of Topic Organization, Spacing, and Complexity Design on Learning, Engagement, and Preference for Medical Student Pharmacology Trivia Games. Presented at the 2019 EB ASPET meeting in Orlando, FL.
- ◆ **Gorman, L., Cowan, M., Clarkson, C.** “Flipping without Flopping: Developing engaging digital resources for a new generation”. Workshop presented at the 2019 IAMSE meeting in Roanoke, VA.
- ◆ **Gorman, L., Baily, M., Berry, A., Pasarica, M.** *Multi-institutional Faculty Perspectives on Transitioning to Active Learning*. Presented at the 2019 IAMSE meeting in Roanoke, VA.
- ◆ **Gorman, L., Do, V.** *Using Gamification to Support Pharmacology Education: Analysis of Purpose and Structure in a Preclinical Curriculum*. Presented at the 2019 IAMSE meeting in Roanoke, VA.
- ◆ Capers, J., **Gorman, L.** “An innovative curricular model for integration of analgesic pharmacotherapy education in UME”. Presented at the 2019 AAMC National Opioid Medical Education Workshop in Washington DC.
- ◆ **Gorman, L.** “Pharmacology of opioid use and abuse during pregnancy”. Invited expert speaker at Florida AHEC on May 23, 2019 in Orlando, FL.
- ◆ Patridge E, **Gotschall T**, Vaidhyanathan V, Hoover B, Beard L. Panelist: Establishing a successful data visualization service: Lessons from the field. Medical Library Association Annual Conference, May 2019, Chicago, IL.
- ◆ **Klapheke, M.** Co-Presenter with Magdalena Pasarica MD PhD, “Undergraduate Medical Education and the Opioid Epidemic”, interviewed by Lorenzo Norris MD of MDedge Psychcast national podcast, 4-19-19.

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- ◆ **Klapheke, M.** Presenter, “Teaching Medical Students Opioid Risk Mitigation Strategies and Overdose Resuscitation”, Grand Rounds, University of Nebraska Medical Center, 4-24-19.
- ◆ **Klapheke, M.** Presenter, “Conversion Disorder”, Joint Psychiatry and Neurology Grand Rounds, UCF/HCA Orlando Psychiatry Residency Program, Orlando, FL, 5-23-19.
- ◆ **Mathur, Sanjana.** Presentation: Strides made in screening and prevention of disease in developing nations using mHealth. Harvard Global Health Catalyst summit, May 26, 2019, Boston, MA.
- ◆ **Pasarica M, Kay D** – Oral presentation: Adapting Teaching Designs for a New Challenge in Health Science Education: Equivalent Learning Experiences from Multiple Teaching Sites - International Association of Medical Science Educators – June 8-11, 2019, Roanoke, VA
- ◆ Effects of Dihydromotuporamine C Derivatives on Actin Assembly Dynamics. James B. Heidings, Amirah Mathin, Kristen Skruber, Aaron Muth, **Otto Phanstiel IV**, and Hyeran Kang. Experimental Biology 2019, Orange County Convention Center, Orlando, Florida, USA, April 6-9, 2019.
- ◆ Evaluation of Polyamine Transport Inhibitors in a Drosophila Epithelial Model. Laurence von Kalm, Minpei Wang and **Otto Phanstiel, IV**. Experimental Biology 2019, Orange County Convention Center, Orlando, Florida, USA, April 6-9, 2019.
- ◆ Generation of a Difluoromethylornithine (DFMO) Resistant Cell Line in a Polyamine Depletion Strategy. Sarah Noureddine, Aiste Dobrovolskaite, **Otto Phanstiel, IV** and Laurence von Kalm. Experimental Biology 2019, Orange County Convention Center, Orlando, Florida, USA, April 6-9, 2019.
- ◆ Development of LAT-1 inhibitors for the treatment of pancreatic cancers. Houssine Ikhlef and **Otto Phanstiel, IV**. Experimental Biology 2019, Orange County Convention Center, Orlando, Florida, USA, April 6-9, 2019.
- ◆ Sustained Polyamine Depletion for the Treatment of Pancreatic Ductal Adenocarcinoma. Aiste Dobrovolskaite, Deborah Altomare, and **Otto Phanstiel, IV**. Experimental Biology 2019, Orange County Convention Center, Orlando, Florida, USA, April 6-9, 2019.
- ◆ Development of Non-Polyamine based Polyamine Transport Inhibitors for the Treatment of Pancreatic Ductal Adenocarcinoma. Holly Moots and **Otto Phanstiel, IV**. Experimental Biology 2019, Orange County Convention Center, Orlando, Florida, USA, April 6-9, 2019.
- ◆ Targeting Polyamine Metabolism in Pancreatic Cancers. Aiste Dobrovolskaite, Holly Moots and **Otto Phanstiel IV**, 3rd UF Drug Discovery Symposium, Gainesville, FL April 25, 2019
- ◆ Regulation of the P-type ATPase ATP13A3 for Polyamine transport in pancreatic cancers. Vandana Sekhar and **Otto Phanstiel**, GRS talk and poster #22, GRC poster #22, Polyamines Gordon Research Symposium and Conference, Waterville Valley, NH June 22-28, 2019
- ◆ Development of compounds which inhibit polyamine trafficking in pancreatic cancer cells. Aiste Dobrovolskaite and **Otto Phanstiel**, GRS talk and poster #3, GRC poster #7, Polyamines Gordon Research Symposium and Conference, Waterville Valley, NH June 22-28, 2019
- ◆ Effectiveness of Novel Therapeutics targeting Polyamine Biosynthesis and Transport in Pancreatic Tumor Progression. Sai Preethi Nakkina, **Otto Phanstiel** and **Deborah Altomare**, GRS talk and poster #15, GRC poster #12, Polyamines Gordon Research Symposium and Conference, Waterville Valley, NH June 22-28, 2019
- ◆ Synthesis of Polyamine Trafficking Inhibitors. Mukund Tantak and **Otto Phanstiel**, GRS poster #25 GRC poster #28, Polyamines Gordon Research Symposium and Conference, Waterville Valley, NH June 22-28, 2019.

## Faculty Presentations

- ◆ New Drug Strategies Targeting Polyamines in Cancer Biology. **Otto Phanstiel**. Polyamines Gordon Research Conference, Waterville Valley, NH. June 22-28, 2019 (talk).
- ◆ The involvement of polyamine uptake and synthesis pathways in proliferation of neonatal astrocytes. C.J. Malpica-Nieves, D.E. Rivera-Aponte, F. Tejada-Bayron, D. Ríos-Otero, A. Zayas-Santiago, **O. Phanstiel**, M.J. Eaton and S.N. Skatchkov, Polyamines Gordon Research Conference, Waterville Valley, NH. June 22-28, 2019 (poster)
- ◆ Tumor Cell Intrinsic Roles for Ornithine Decarboxylase in the Development and Maintenance of Myc-Driven Lymphoma. Mario R. Fernandez, Chunying Yang, Meredith A. Steeves, Lisa Shantz, Tracy Murray-Stewart, Robert A. Casero, Aileen Y. Alontaga, Nidhi Kapoor, Stephen Gardell, **Otto Phanstiel IV**, Pearlie K. Epling-Burnette, and John L. Cleveland. Polyamines Gordon Research Conference, Waterville Valley, NH. June 22-28, 2019 (poster)
- ◆ Schrow, C., **Seifert, M.** An Unfortunate Unifying Diagnosis. 2019 AMSSM National Meeting, Houston, TX. April 2019
- ◆ Ayad, N., **Seifert, M.** Crystals of Destruction. 2019 AMSSM National Meeting, Houston, TX. April 2019
- ◆ Acevedo M, Mishtal J, Middleton T, Eisenberg M, Chulani V, **Taliaferro L.** A qualitative investigation of effective communication between sexual minority young people and pediatric or family medicine physicians. LGBT Health Workforce Annual Conference. New York City, NY, May 2019.
- ◆ Lampe N, Carter S, Mishtal J, **Taliaferro L.** Understanding the gender dynamics of transgender healthcare experience. Southern Sociological Society Annual Meeting. Atlanta, GA, April 2019.
- ◆ **Williams N.** Panelist: Elevate your practice with research: RTI fellows and faculty share their experience designing and conducting research. Medical Library Association Annual Conference, May 2019, Chicago, IL.
- ◆ **Hernandez C., Daly K., Mehta A., Verduin M.** (2019). A pilot study examining biofeedback and structured napping to promote medical student wellbeing. *AMEE MedEdPublish*, DOI: <https://doi.org/10.15694/mep.2019.000110.1>.
- ◆ Cheong, J., Luo, J., Ahmed, I., **Verduin, M.** (2019). *Invisible Colleges and Virtual Departments: Getting a Little Help From Your Friends*. Presentation, American Psychiatric Association Annual Meeting, San Francisco, California, May 21, 2019.
- ◆ Teshima, J., **Verduin, M.** (2019). *AAP Resident Curriculum Vitae Boot Camp*. Presentation, American Psychiatric Association Annual Meeting, San Francisco, California, May 19, 2019.

## Faculty Awards, Service & Recognition

- ◆ **Gorman, L. ; Do, V.** ASPET Blue Ribbon Award “Comparison of Impacts of Topic Organization, Spacing, and Complexity Design on Learning, Engagement, and Preference for Medical Student Pharmacology Trivia Games”, at the 2019 Experimental Biology meeting (top 10% of 900 abstract submissions).
- ◆ **Gorman, L.** Chair, National American Society for Pharmacology and Experimental Therapeutics Division of Pharmacology Education.

