VCLIC News and Happenings, Volume 52

Welcome to the November VCLIC Newsletter! This month has been exceptionally busy for our VCLIC members. Many traveled to San Francisco a few weeks ago for this year's AMIA Annual Symposium (see below for pictures of all the AMIA fun)! We also wrapped up our workshop series this fall with a magnificent session led by **Allison McCoy, PhD, Bryan Steitz, PhD**, and Kayla Marginean, MS.

We're excited to announce that the latest round of Vanderbilt Clinical Informatics Practical Shorts (VCLIPS) is now available for viewing! These short, informative videos cover practical clinical informatics topics, presented by our expert VCLIC faculty and staff. Click here to explore the latest content!

This month's featured member is **Kipp Shipley, DNP, ACNP-BC.** We are excited to share his work and clinical informatics aspirations with you!

Finally, and per usual, we have several Center members who have **received awards**, been mentioned in the **news**, presented **lectures** and at conferences, **published papers**, have had **abstracts** accepted to conferences, and had **honors or fellowships** bestowed on them.

If you have any questions or would like to engage with our team, please direct emails to Kimberly Garcia (kimberly.garcia@vumc.org).

Intro to Data Resources at VUMC Workshop

A big thank you to **Allison McCoy, PhD, Bryan Steitz**, **PhD**, and Kayla Marginean for a great Intro to Data Resources at VUMC workshop! The turnout was fantastic, and our attendees had a great time learning about the data resources available to them via Epic and Vanderbilt! If you missed this workshop or wish to learn more, feel free to check out our VCLIPS related to this session and others.

Fall 2024 ADVANCE Symposium
"The Future of Healthcare: Bridging AI Research & Human-Centered Solutions"

The ADVANCE Center hosted its annual AI Symposium on November 5th and 6th, featuring engaging presentations from leading informatics experts. The event was hosted by Co-directors Peter Embí and Brad Malin, with support from Executive Director Susannah Rose, Deputy Director **Laurie Novak**, and team members Zhijun Yin, Dan Fabbri, and **Colin Walsh**. Several of our own VCLIC members presented at the event, including **Adam Wright, Josh Peterson, Yaa Kumah-Crystal, Matt Weinger, Megan Salwei, and Shilo Anders**, each sharing their expertise and contributing to the event's success.

Congratulations to the ADVANCE Center on a successful symposium! We're excited for what's to come and look forward to the next one!

BMIF 3740: Clinical Informatics
With Adam Wright, PhD and Allison McCoy, PhD

Calling all future clinical informatics experts! It's not too late to sign up for BMIF 7340! Join **Allison McCoy, PhD and Adam Wright, PhD** for an exciting semester filled with guest speakers, field trips, and hands-on, real-world examples of clinical informatics in action. Know someone who might be interested? Share this opportunity with them! For questions or more information, they can reach out to **Adam Wright at adam.wright@vumc.org or Allison McCoy at allison.b.mccoy@vumc.org.**

AMIA Annual Symposium 2024

Earlier this month, VCLIC members traveled to San Francisco for this year's AMIA Annual Symposium. It was an exciting opportunity to connect with informatics experts from

around the globe, attend inspiring talks, and explore a variety of thought-provoking poster presentations. And of course, attendees had the chance to enjoy the city's renowned food scene (and even a ride in a Waymo!).

This year, Vanderbilt truly made its mark at the conference, with nearly 140 presentations across the event. A special congratulations to several of our colleagues who received distinguished awards for their outstanding contributions. Please join us in celebrating their achievements—see below!

- **Laurie Novak, PhD, MHSA** was elected a Fellow of the 2024 Class of ACMI

- **Kevin Johnson, MD, MS** was named a Distinguished Fellow of ACMI

- **Megan Wang**, **Allison McCoy, PhD**, **Adam Wright, PhD** and Cosby Stone received the Distinguished Poster Award for "Delinking Cephalosporin Cross Sensitivity Alerts in Patients with PAL"
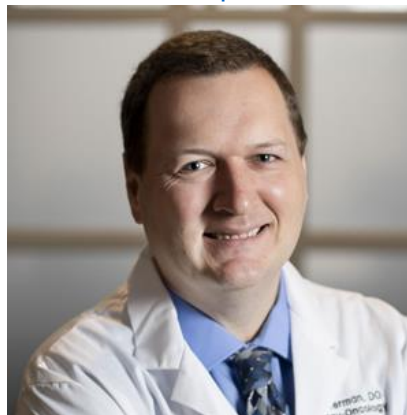
- **Megan Salwei, PhD** received a Certificate of Excellence for distinguished contributions to the peer review process

Congratulations everyone!

A big congratulation to **Allison McCoy, PhD** who was selected to serve as a social media ambassador at this year's Symposium and captured these fantastic moments for us! Forever grateful for her amazing photography skills!

VUMC Pursues Electronic Integration with Genomic Reference Labs

In a process spearheaded by **Travis Osterman, DO, MS**, VUMC has begun adopting a new electronic system for ordering genetic tests from external reference laboratories, replacing a manual paper-based process that had been a long-standing source of administrative burden. Read all about it here: https://news.vumc.org/2024/11/11
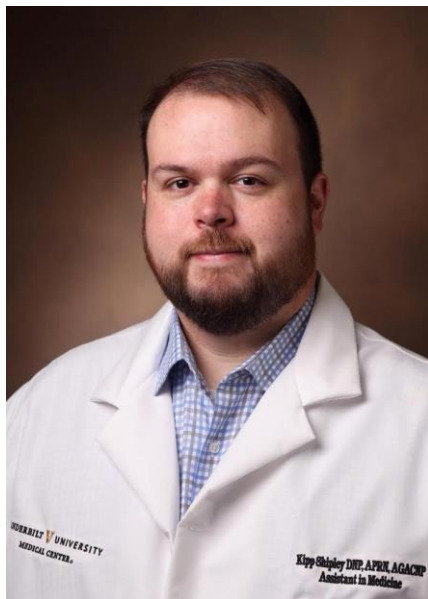
Honors and Awards:

Alvin Jeffrey, PhD has been elected to serve as the Member-at-Large for AMIA's Nursing Informatics Working Group (NIWG). **Congratulations Alvin!**

Ashley Spann, MD, MSACI received the AASLD-AMFDP Hepatology Scholar Award at the American Association for the Study of Liver Diseases' TLM, where she also presented a talk titled "Leveraging Technology to Address Health Disparities. Are we there yet?"
Congratulations Ashley!

Featured Member: **Kipp Shipley**, DNP, ACNP-BC

Kipp Shipley, DNP, ACNP-BC began his career in healthcare as an Emergency Medical Technician (EMT) in Knoxville, Tennessee, and went on to graduate as a Registered Nurse from the University of Tennessee. He began his nursing career in Open Heart Recovery in Louisville, Kentucky, and later transitioned to the Surgical Intensive Care Unit at Rush University Medical Center in Chicago, Illinois. While at Rush University, he obtained a Doctor of Nursing Practice with a research focus in in-hospital resuscitation quality. As a new nurse practitioner Kipp joined the Medical Intensive Care Unit at Vanderbilt University Medical Center and assisted in staffing the dedicated covid unit during the Covid-19 Pandemic. In 2021 Kipp joined the Critical Care Outreach Team (CCOT) at Vanderbilt and is now the Team Lead for CCOT. He has presented at regional, national, and international conferences on resuscitation quality and data collection, and is a co-author on the Society of Critical Care Medicine's Guidelines for Recognizing Deterioration Outside of the Intensive Care Unit.

What areas are you interested in?
"My specific areas of research are clinical deterioration, in-hospital cardiac arrest (IHCA), and resuscitation quality. I try to focus on the systems involved in these areas, and how we can improve recognition of clinical deterioration to prevent progression to cardiac arrest. When I began work in this area at VUMC there were large data gaps, so over the past few years I've worked to establish baseline data to serve as the baseline data for future quality work in these areas."

What are you working on?

"This year I've focused on ways we can migrate our redcap data collection tools into more accessible workflows. This began with REDCap data flowing into tableau dashboards, and we're currently exploring ways for this data to live directly in the EHR. We've built quite a robust database of clinical deterioration events, but my hope is to migrate them directly to the EHR so we can facilitate better analysis of this patient population."

What would you like to collaborate with others on?

"I have a few ideas that might be great for collaboration. First, we still do not have an accurate, easily accessible early warning score in our practice at VUMC. There are *many* different scores, but the conversation easily gets bogged down into which is best. My focus is getting a baseline system in place and then improving it over time. I'd also like to collaborate with others on a better solution than the current Code Narrator in Epic. I think it works for some areas, but there are opportunities to improve the narrator in ways that would be more accessible for staff.

Upcoming Conference Submission Deadlines

[American Society of Clinical Oncology (ASCO) Annual Meeting](#): Chicago, IL : May 30th –June 3rd 2025

- Abstract Submissions Open November 2024 and close January 28th, 2025

[International Medical Informatics Association (IMIA) Medinfo](#) Taipei, Taiwan: August 9-13, 2025

- Submissions open: April 1, 2024- December 4, 2024 (Open now!)

[Symposium on Artificial Intelligence for Learning Health Systems (SAIL)](#): Rio Grande, Puerto Rico: May 6-9, 2025

- Abstract Submissions Open in November and close January 2025

[Medical Informatics Europe](#): Glasgow, Scotland: 18-21 May 2025

- The deadline for proposing panels and workshops is 23 January 2025.

[Society for Industrial and Applied Mathematics Third Joint SIAM/CAIMS Annual Meeting](#): Montreal, Quebec, Canada: July 28th- August 1st, 2025

- Deadline to submit posters, lectures, and presentation abstracts is February 10th, 2024

For those of you attending conferences and presenting posters, we have a template on our [Confluence page](#) that we would encourage you to use

Publications

Atlas SJ, Gallagher KL, McGovern SE, Wint AJ, Smith RE, Aman DG, Zhao W, Burdick TE, Orav EJ, Zhou L, **Wright A**. [Patient Perceptions on the Follow-Up of Abnormal Cancer Screening Test Results. Journal of General Internal Medicine](#). 2024 Oct 18:1-8.

Collins BX, Bélisle-Pipon JC, Evans BJ, Ferryman K, Jiang X, Nebeker C, **Novak L**, Roberts K, **Were M**, Yin Z, Ravitsky V. [Addressing ethical issues in healthcare artificial intelligence using a lifecycle-informed process](#). JAMIA open. 2024 Dec;7(4):ooae108.

Evans PT, Nelson S, Wright A, Aher C. [Electronic Health Record User Dashboard for Optimization of Surgical Resident Procedural Reporting.](#) Applied Clinical Informatics. 2024 Oct 17.

France DJ, Nath P, Slagle JM, Agarwal R, **Salwei ME**, Vogus TJ, **Novak LL, Anders S**, Slater H, Reale C, , Parker-Danley LA, Kohutek ZA, , Harris J, Yudiskas B, Conwill R, Smith T, Rhodes E, Choudhary, A, Schremp E, Gillaspie EA, **Wright A, Freundlich R**, Myles TR, Faiman J, Mahadevan S, **Weinger MB**. Development and Validation of a Surveillance and Risk Prediction System for Clinical Deterioration in Ambulatory Cancer. ACI Open. 2024 Sep;

Graeve C, Gao G, Stephenson V, Helland R, **Jeffery AD**. [Impact of chronic pelvic pain on quality of life in diverse young adults.](#) Archives of Gynecology and Obstetrics. 2024 Oct 23:1-0.

Labkoff S, Oladimeji B, Kannry J, Solomonides A, Leftwich R, Koski E, Joseph AL, Lopez-Gonzalez M, Fleisher LA, Nolen K, Dutta S, **Jackson, GP**. [Toward a responsible future: recommendations for AI-enabled clinical decision support.](#) Journal of the American Medical Informatics Association. 2024 Nov;31(11):2730-9.

Morrow EL, Spieker AJ, Greevy RA, Roddy MK, **Mayberry LS**. [Demographic, Clinical, Psychosocial, and Behavioral Predictors of Continuous Glucose Monitor Use in Adults with Type 2 Diabetes](#). Journal of General Internal Medicine. 2024 Oct 25:1-7.

Russo EM, McCoy AB, Mize D, Osterman T, Nelson S, Wanderer J, Wright A. [Special Issue on Informatics Education: Vanderbilt Clinical Informatics Center Education Strategy: To Infinity and Beyond!](#). Applied Clinical Informatics. 2024 Oct 17.

Spann A, Lopez C, Izzy M. [Disparities in Outcomes of Liver-Related Waiting List for Transplant—Is There an End in Sight?](#) JAMA Network Open. 2024 Oct 1;7(10):e2439836-.

Reminder to Send Updates for Recognition

If you (or another VCLIC Member) publishes a paper; has an abstract accepted at a conference; are interviewed for or written up in a news article; receive any awards, accolades, or honors; or completed/are currently undertaking any projects you would like to highlight, please email me with or forward this information:

- Names of VCLIC members/VUMC staff who participated in or worked on the project, paper, or abstract (or who received the award/honor)
- The title of the Project, Paper, Abstract, Article, or Award
- The journal, conference, or news publication (this can be podcasts, radio, or more "traditional," news mediums)

Nothing is too big or too small to celebrate, and this information will be featured on the [News section of our website](#) as well. As time goes on, I am hoping to also improve our Twitter/X presence, so feel free to add, tag, or tweet/post us at [@VUMC_VCLIC](#) too!

Thank you, and see you soon!