VCLIC

VANDERBILT CLINICAL INFORMATICS CENTER

VCLIC News and Happenings, Volume 11

Happy Spring, readers! Welcome to the March VCLIC newsletter. This month, we are recapping our recent events, including our **FHIR Application Building Workshop** and the panel on **How to Kickstart Your Career in Clinical Informatics,** as well as looking forward to our April offerings, including the conclusion of the **Techquity Design Challenge**, the **Tableau Workshop**, which will be given by **Scott Nelson, PharmD, MS, and Joey LeGrand, PharmD, MS**, and the **Discovery Lecture given by Donald Berwick, MD, MPP**.

As it is Women's History Month, we are excited to showcase VCLIC Member **Lindsay Mayberry, PhD** and her work evaluating mHealth interventions for diabetes self-care. In addition to our regular feature this month, our staff member, **Arianna Nimocks, BSc**, interviewed VCLIC Member and Women in AMIA Subcommittee Chair, **Allison McCoy, PhD**, about her involvement in AMIA, her career, and how other women can get involved, both in AMIA and in the field. We hope it inspires some participation!
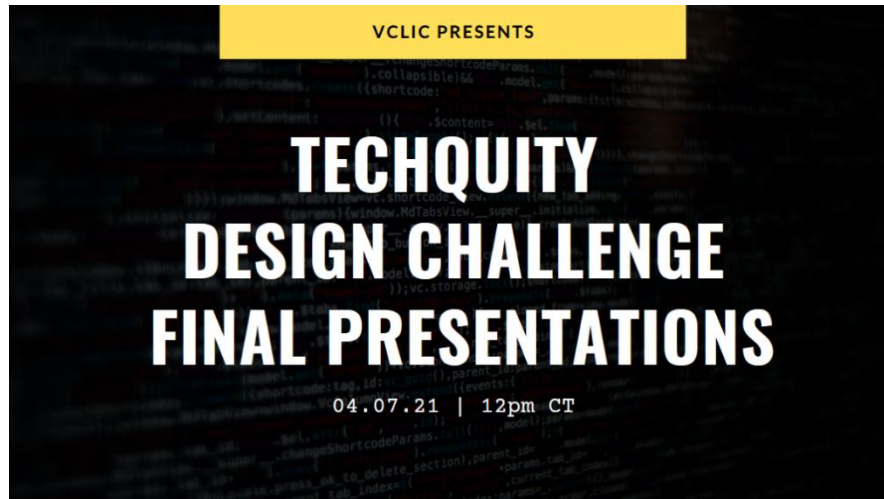
As always, we have aggregated an incredible number of publications, accepted conference abstracts (many to the **AMIA Clinical Informatics Conference**, coming up in May 2021), book chapters, and news articles for our readers to review. And if you'd like to see more of VCLIC, you can also follow us on **Twitter** @VUMC_VCLIC.

If you have any questions or would like to engage with our team, please email Elise (elise.russo@vumc.org).

Upcoming Events

Please note that details of all our upcoming events can also be found on the Events page of our Website.

The VCLIC Techquity Design Challenge is an 8 week program that invited teams of students, clinicians, faculty, and staff from different scientific disciplines and of various backgrounds to propose novel solutions to problems related to healthcare equity and technology. We welcomed a range of informatics, technical, and socio-behavioral approaches to solving these complex problems and have been repeatedly impressed by the passion and tenacity demonstrated by the participating groups, who are all striving to make VUMC a more equitable system and place. Teams worked with each other as well as with mentors from VCLIC to develop either a low-or high-fidelity prototype of their solution which will be recorded, judged, and then presented on April 7th at 12:00 pm during the DBMI Seminar.

Please join us on April 7th at 12:00 pm Central by using this Zoom link. (DBMI Faculty and Staff: please note that this is the link for the Wednesday seminars on your calendar as sent by Rischelle).

Tableau Workshop: April 7th, 2021 from 1:00-4:00 pm CT

Join us for our final workshop of the year on April 7th, 2021 from 1:00-4:00 pm CST where we will focus on data visualization using Tableau! In this workshop, given by **Scott Nelson, PharmD, MS**, and **Joseph LeGrand, PharmD, MS**, participants will learn what Tableau is, why they should use it, when they should use it, and how to use it, including connecting data sources, what visualizations work best with certain data types, and how to create various visualizations and dashboards from sample data. Workshop leaders will demonstrate various functionalities of Tableau, and participants will also be asked to follow

along. We will provide details as the workshop gets closer on what resources you will need and how to get set up.

If you have questions, please email elise.russo@vumc.org or complete this REDCap form to sign up: https://redcap.link/VCLICtableau

Discovery Lecture: "Next Steps in Health Care Transformation: The Moral Determinants of Health," by Donald Berwick, MD, MPP.

THE DISCOVERY LECTURE SERIES

Donald Berwick, MD, MPP
President Emeritus and Senior Fellow, Institute for Healthcare Improvement

Next Steps in Health Care Transformation: The Moral Determinants of Health

April 15, 2021, 4:00 p.m. via Zoom

Sponsored by: The Vanderbilt Clinical Informatics Center

VANDERBILT UNIVERSITY MEDICAL CENTER

Mark your calendars for **4:00pm CT on April 15, 2021**. This will be an event you won't want to miss!

Donald M. Berwick, MD, MPP is President Emeritus and Senior Fellow at the Institute for Healthcare Improvement (IHI), an organization that Dr. Berwick co-founded and led as President and CEO for 19 years. He is one of the nation's leading authorities on health care quality and improvement. In July, 2010, President Obama appointed Dr. Berwick to the position of Administrator of the Centers for Medicare and Medicaid Services (CMS), which he held until December, 2011. A pediatrician by background, Dr. Berwick has served as Clinical Professor of Pediatrics and Health Care Policy at the Harvard Medical School, Professor of Health Policy and Management at the Harvard School of Public Health, and as a member of the staffs of Boston's Children's Hospital Medical Center, Massachusetts General Hospital, and the Brigham and Women's Hospital. He has also served as vice chair of the U.S. Preventive Services Task Force, the first "Independent Member" of the Board of Trustees of the American Hospital Association, and chair of the National Advisory Council of the Agency for Healthcare Research and Quality. He is an elected member of the American Philosophical Society, the American Academy of Arts and Sciences, and of the National Academy of Medicine (formerly the Institute of Medicine). Dr. Berwick served two terms on the IOM's governing Council and was a member of the IOM's Global Health Board. He served on President Clinton's Advisory Commission on Consumer Protection and Quality in the Healthcare Industry. He is a recipient of numerous awards, including the 1999 Joint Commission's Ernest Amory Codman Award, the 2002 American Hospital Association's Award of Honor, the 2006 John M. Eisenberg Patient Safety and Quality Award for Individual Achievement from the National Quality Forum and the Joint Commission on Accreditation of Healthcare Organizations, the 2007 William B. Graham Prize for Health Services Research, the 2007 Heinz Award for Public Policy from the Heinz Family Foundation, the 2012 Gustav O. Lienhard Award from the IOM, and the 2013 Nathan

Davis Award from the American Medical Association. In 2005, he was appointed "Honorary Knight Commander of the British Empire" by Her Majesty Queen Elizabeth II, the highest honor awarded by the UK to non-British subjects, in recognition of his work with the British National Health Service. Dr. Berwick is the author or co-author of over 200 scientific articles and six books. He also serves now as Lecturer in the Department of Health Care Policy at Harvard Medical School.

We are thrilled and honored to hear Dr. Berwick speak. His talk, "Next Steps in Health Care Transformation: The Moral Determinants of Health," will cover a variety of topics related to the future of health care:

Health care is largely a repair shop, trying to fix damage to health whose causes lie far from the care system. Much is known about Social Determinants of Health (SDOH), which affect longevity, functional status, and comfort far more than medical care does. And yet investments in care delivery continue to dwarf investments in improving social determinants. This lecture will review the evidence on the true causes of illness, injury, and disability, and will explore why that illogical imbalance of investment continues. Assuming both pragmatic and moral reasons for addressing social determinants of illness, where, ideally, would resources flow?

Please register for the lecture using the following link:
https://redcap.vanderbilt.edu/surveys/?s=XPT44FMJTX.
The day before, all registered participants will be emailed the Zoom information. "See" you there!

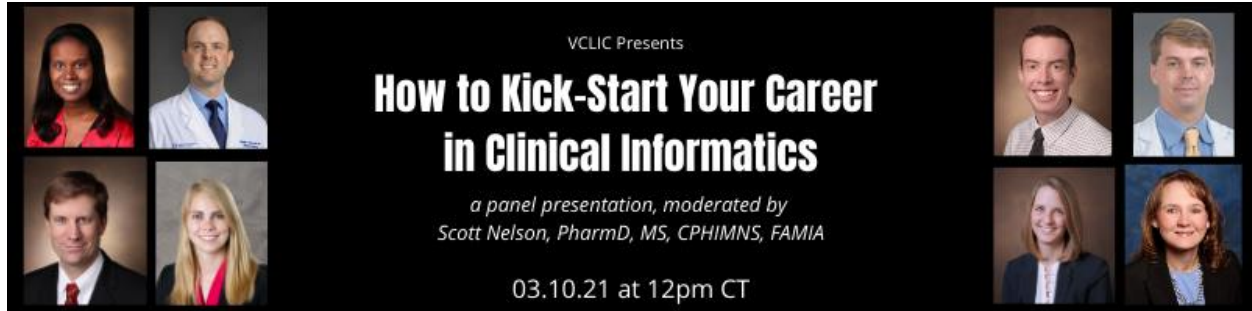## VCLIC's Recent and Ongoing Events
FHIR App Building Workshop

Thank you to the (over 70!) participants who attended our FHIR App Building Workshop on March 10th! The feedback we have received points to this session being a success, and we look forward to taking attendee thoughts into consideration for next time. **Tim Coffman and Simeon Hearring**, of VUMC HealthIT, did a fantastic job leading this session, and we can't thank them enough for all the effort they put into make this so informative and interactive!

This workshop explored what FHIR and SMART-on-FHIR are, how FHIR works at VUMC, and finally, allowed participants hands-on opportunities to build their own FHIR application, test it with a FHIR simulator, and learn how to integrate it with Epic. Towards the end of the session, we were able to hear from representative members of Epic's App Orchard team about how this process works from Epic's perspective. Finally, participants learned about what next steps to take if they would like to keep designing and using FHIR apps at VUMC.

We are so grateful to Simeon Hearring and Tim Coffman for all the time and enthusiasm they put into building this workshop! We learned so much, and hope you did, too. If you were unable to attend, or simply want to review the material, please go to our Confluence page on the workshop, which includes a recording of the lab, the slides, and other helpful resources.

Panel: How to Kick-Start Your Career in Clinical Informatics

On March 10th, we had the privilege of hearing from an incredible lineup for our panel, "How to Kick-Start Your Career in Clinical Informatics," focused on career opportunities in clinical informatics for physicians. Thank you to all the panelists, including **Yaa Kumah-Crystal, MD, MPH, MS; Lindsey Knake, MD; Dara Mize, MD; Jake Lancaster, MD, MS; Claude Pirtle, MD, MS; Sharidan Parr, MD, MSCI, MS; and Josh Peterson, MD, MPH**; moderator, **Scott Nelson, PharmD, MS;** and to **Kevin Johnson, MD, MS,** for sharing their experiences and advice.

During the session, we heard about each panelist's path to clinical informatics, advice for finding the first job after obtaining an informatics-focused education, the characteristics an employer looks for in applicants, and so much more. The panelists' advice was applicable to anyone along the spectrum of aspiring clinical informatician to seasoned CMIO. We enjoyed the panel tremendously, and hope you did, too! We plan to organize additional panels focused on career development in clinical informatics for non-physician healthcare professionals, and for clinical informaticians with PhDs.

To watch (or re-watch) the recording, you can find it here (note- MFA required).

Member Spotlight: Lindsay Mayberry, PhD, MS

Lindsay Satterwhite Mayberry, M.S., Ph.D., is an Assistant Professor of Medicine within the Division of General Internal Medicine and Public Health at Vanderbilt University Medical Center with a secondary appointment in the Department of Biomedical Informatics. Dr. Mayberry completed her doctoral degree in community psychology at Vanderbilt University after earning a Master's in Counselor Education at the University of North Carolina at Greensboro. As a behavioral scientist, Dr. Mayberry has developed and evaluated family- and community-engaged interventions to support and sustain health behavior change among adults. Dr. Mayberry began her research career by investigating the role of social and family support in adults' type 2 diabetes self-management and has since successfully developed and evaluated self-management support interventions. She uses basic mobile phone technologies to deliver interventions to socioeconomically and racially diverse patients. Her goal is to create and implement interventions to improve the quality of patient- and family-centered care for adults with chronic conditions, with a focus on health behavior change and psychosocial well-being. Her observational research applies advanced mediation and moderation analyses to enhance knowledge on how and for whom psychosocial factors affect self-management and outcomes, including glycemic control and post-discharge mortality, allowing for development of personalized interventions. Her recent work includes the development of a typology of diabetes-specific family functioning which showed robust associations with diabetes distress, adherence, and glycemic control and will be used to guide intervention tailoring and evaluation.

Dr. Mayberry's research team is evaluating several diabetes self-care support interventions delivered via basic mobile phones technology – text messaging and phone calls – in NIDDK-funded randomized controlled trials. These interventions are highly tailored using person-centered design principals, automated, and developed in partnership with external companies MEMOTEXT and CareWire. Furthermore, her team is currently examining what user characteristics and intervention characteristics predict user engagement with technology-delivered interventions over time, and how engagement with interventions relates to intervention effects. The team is excited to learn about effects on patients and

their support persons. They also just completed a project in which they developed a typology of diabetes-specific family functioning, which they strive to use to tailor interventions in the future.

Dr. Mayberry is the director of Vanderbilt's Effective Health Communication core within Health Services Research. She has published over 40 manuscripts. She is a member of the American Diabetes Association, Society of Behavioral Medicine, and Behavioral Research in Diabetes Group Exchange and has spoken at these and other national and international conferences on topics including diabetes stigma, preserving family routines during homelessness, family/social support for chronic disease self-management, technology, healthy disparities, and interventions to improve self-management.

She has been an active member of VCLIC, giving our November lecture on best practices in mHealth for underrepresented groups with her colleague, Lyndsay Nelson, PhD, and is currently advising a team who is part of the VCLIC Techquity Design Challenge. She is interested in using technology to engage family and friends in health and healthcare to reduce disparities and designing automated interventions to support people as they transition from hospital to home.

Celebrating Women's History Month:
An Interview with Allison B. McCoy, PhD,
Co-Chair of the Women in AMIA Pipeline Subcommittee

What is the Women in AMIA Initiative and what is your favorite part of being involved?

Women in AMIA was established about 5 years ago to better support and increase the number of women in AMIA. I've gotten to meet a lot of really great women, both women already in AMIA, and, through the *First Look AMIA Program*, women who could be in AMIA someday.

Could you talk about your involvement in the First Look AMIA Program?

We started it 4 years ago through the Pipeline subcommittee, which I now co-chair, to increase the number of women in AMIA. One of ways we wanted to do this was to get women excited about Informatics and AMIA from a younger age. We invited undergraduate women, especially underrepresented minorities, to come see AMIA with us. Over the years, the program has evolved to include presentations introducing them to AMIA and informal networking sessions. It's a great way to get women excited about Informatics. Students have gone on to do internships, PhD programs (including at Vanderbilt), and presentations at AMIA.

Could you share a story about how Women in AMIA has helped you reach your professional goals or advance your career?

Seeing women in Informatics go before me encourages me that I can do it, too. One event that Women in AMIA sponsors every year is a mentoring session- I've served as a mentor or been a mentee almost every year. You get to sit down one-on-one for 30 minutes with a female Informatician mentor and get their advice. Actually, Jessica Ancker, PhD, MPH, was my mentor one year! It's special because you don't always get the opportunity to sit down with these very successful women since they're super busy. It's a

great way to network- one of the really important components of success in academia is letting people know who you are.

What led you to pursue a field in Informatics?

I had always wanted to go into medicine to be a physician, but when I went to college and took honors biology, I didn't enjoy it. I had a friend taking computer science, and thought, "maybe I'll try that." At the same time, I got an internship at local hospital's IT department, and I got to work with computers in the hospital. They didn't have an EHR like we know today, but I worked with the surgery systems administrator, writing reports, and doing basically what I do now- getting data out and analyzing them. We answered questions like "which surgeons took the longest to get to the OR," and I thought, "this is really cool!"

I kept taking computer science courses, thinking I would be a programmer to design medical IT systems. My mentor, Dr. Erich Baker at Baylor (Bioinformatics program director), asked if I wanted to go into bioinformatics for grad school. I didn't even know that was a thing, but I liked the idea and applied to several programs, including Vanderbilt, and I loved it! I really like the Women in AMIA First Look program because most of our students that participate didn't know Informatics was a thing before the program. They say, "this is so cool," and I'm like, "right!?" I'm glad that I found a way to work in the field that I really like, doing something I'm really good at and enjoy doing!

How can women help each other develop their STEM careers and succeed in the field?

I try to include women first on projects. Of course, sometimes there are men who can fit the role better, so it's a balance. It was a big deal for a while, the "manels," (all-male panels). For the past couple of years, if you don't have a woman on your panel, AMIA typically rejects the submission unless you have a really good justification.

Also, just being understanding. During Zoom calls when the kids are in the background, I sometimes get random emails/private messages from people (especially other women) saying things like, "I loved your little assistant today!" That makes me happy. It's encouraging to me that people are understanding and not judging.

What do you think are some common barriers for women to 1) enter and 2) thrive in the field of Informatics?

The work/life balance is probably one of the biggest issues. And funding is a challenge- it's frustrating. I can't sit at work until 9pm or work on the weekends. I'm kind of on a mission to prove that women can be successful while still mostly working normal hours!

For so long, I would try to do it all- to do my work and hang out with the kids. But they need me to be fully present, so I have to put the work down. I can get away with doing a couple hours of work while they're having screen time, but only for so long- it's not good for them to be on the screen too long.

It's hard though- there are sacrifices. There are a lot of things over the last six months, especially, like papers I haven't written or grants I haven't submitted. It's especially hard as an over-achiever to not do

it all, but it's better for my mental health- and my family is happier, too. I'm learning to admit my limitations and be okay with that.

There's still lots of emotions, like the day I found out that my grant hadn't been discussed. On Twitter, I publish the times I've failed, and have gotten retweets. I think it's important to do that- if you look at any top researcher, you probably wouldn't guess that, for example, their R01 was rejected 7 or 8 times before being accepted. It's actually encouraging to hear that top researchers have "failures," too.

How can allies (especially male colleagues) empower their female colleagues in the field?

Just being supportive overall. At Vanderbilt, Kevin Johnson and Trent Rosenbloom do a great job supporting me. For example, they fought hard for me to get an extension on my tenure clock because of my son's complex health needs. So, permitting flexibility, rescheduling meetings is really important- especially right now.

How can people become more involved with Women in AMIA?

Definitely visit the website. Omalola Ogunyemi, PhD is the current Steering Committee Chair. Otherwise, you can contact any of the chairs of the subcommittees: Awards & Leadership (Tiffany Leung, MD, MPH), Career Advancement (Rebecca Wilgus, RN, MSN), Networking/Mentoring and Lifecycle (Donghua Tao, PhD/Margarita Sordo, MSc, PhD), and Pipeline (Allison B. McCoy, PhD, Karmen S. Williams, DrH, MBA, MSPH, MA). You can also check out our ""AMIA: Why Informatics?" Podcasts, monthly Newsletter, and an online discussion forum.

Upcoming Conferences and Conference Deadlines

- Anesthesiology Annual Meeting (ASA): Scientific Abstract, Resident Research Essay Contest, and Scientific and Educational Exhibit Submissions due **April 5 at 11:59pm CT**
- ACM-BCB: Workshop Submissions due **March 31;** Papers due **April 1**; Tutorials due **April 16**
- Epic UGM: presentation submissions due **April 15**.
- IMIA MedInfo 2021: Submissions due **April 26** (Virtual)
- SGIM Annual Meeting: Conference Dates **April 20-23** (Virtual)
- Pediatric Academic Societies (PAS) Meeting: Phase I Conference Dates **April 30-May 4** (Virtual)
- Epic XGM: Conference Dates **April 26-May 6** (Virtual)
- AMIA Clinical Informatics Conference (CIC): Conference Dates **May 18-20** (Virtual)

Details on upcoming conferences and conference deadlines can be found on our Confluence page, here.

VCLIC Twitter

VCLIC is working to up our Twitter game. Please follow @VUMC_VCLIC, and we will make sure to follow you back. If you have any exciting news, including new publications, interesting projects, or professional achievements, please email Elise Russo -- we'll be happy to tweet for you.

CRISS Looking for Research Participants

Please see the below call for research participants from **Megan Salwei, PhD,** one of our VCLIC Members:

Are you and/or your family/friends (50 years and older) interested in testing out a **novel hearing aid technology** to help identify ways to improve the product? If so, help us with a RESEARCH STUDY.

We are interested in individuals with <u>normal hearing</u> and individuals with <u>mild, moderate, or severe hearing loss</u>.

The purpose of this research study is to evaluate the ease of use of a novel hearing aid prior to its public release. You will receive a gift card after participating in the study. If you help us test this product, we will learn:

- What you like and dislike about the hearing aid
- How we can make the hearing aid easier and more satisfying to use

The study will take about an hour. If you would like to participate in the study, please contact: Dr. Megan Salwei at megan.salwei@vumc.org or (763) 350-5643. No identifiable personal information will be collected in the study. Protocol No.: #201894.

Publications, Presentations, Interviews, and Awards

In The News

Research by **Colin Walsh, MD, MA**, and colleagues, including VCLIC Members **Kevin Johnson, MD, MS**, and **Laurie Novak, PhD, MHSA,** was recognized widely: not only was the study was published by JAMA, but it was also featured on SciTechDaily and the VUMC Reporter (see links below). Congratulations, Drs. Walsh, Johnson, Novak, and the rest of the team!

> **Walsh CG, Johnson KB**, Ripperger M, Sperry S, Harris J, Clark N, Fielstein E, **Novak LL**, Robinson K, Stead WW. Prospective Validation of an Electronic Health Record–Based, Real-Time Suicide Risk Model. *JAMA Netw Open.* 2021;4(3):e211428.

- 3/12/21: SciTechDaily- Artificial Intelligence System Calculates Suicide Attempt Risk – Here's How It Performed
- 3/15/21: VUMC Reporter- Artificial intelligence calculates suicide attempt risk at VUMC

Several other VCLIC Members were featured in the *VUMC Reporter*:

- 3/9/21: Pediatric emergency visits, hospitalizations down sharply during pandemic: study.
    - **Derek Williams, MD, MPH**, was a co-author
- 3/9/21: Johnson to step down as DBMI chair
    - We are excited for all that **Kevin Johnson, MD, MS** will accomplish in his new faculty position at the University of Pennsylvania and Perelman School of Medicine. However, he will be greatly missed! Read the article to learn more about Dr. Johnson's incredible achievements during his 19 years at VUMC.
- 2/25/21: Epic founder Faulkner highlights DBMI online seminar
    - Our discussion with Judy Faulkner, CEO of Epic, moderated by **Dara Mize, MD,** was a tremendous success!

- 2/24/21: [Collins takes on new VCC, IMPH leadership roles](#)
  - **Sunil Kripalani, MD**, is mentioned
- 2/23/21: [Calcification after severe injury](#)
  - Highlights a study led by **Stephanie Moore-Lotridge, PhD**

Accepted Abstracts

Gettinger A, Mason T, Basch P, Gerhart J, **Kumah-Crystal YA**, Rossetti SC. Efforts to Reduce Clinician Burden: Success, Partial Success, or a Future Not Yet Realized. Presentation at [ONC Annual Meeting.](#) 2021 March.

Shepherd ME, Lecorps A, Harris-Shapiro J, Miller-Wilson L. Evaluating outreach methods for the multi-target stool DNA test for colorectal cancer screening among a screening-eligible employer population. American Society of Preventive Oncology 45th Annual Meeting. 2021 April; Virtual.

Salwei ME, Reale C, **Weinger MB**, Choudhary A, Rhodes B, **Novak LL**, Harris J, Slagle J, **Anders S, France D.** Engaging Patients with Health IT for Resilient Cancer Care. Accepted as Presentation, International Symposium on Human Factors and Ergonomics in Health Care. 2021 April.

Carroll AR, **McCoy A,** Krehnbrink M, Starnes L, Frost PA, **Johnson DP**. Decreasing Pre-Procedural Fasting Times in Hospitalized Children. Accepted as Platform Presentation, Pediatric Academic Societies Annual meeting. 2021 May; Virtual.

Congratulations to our VCLIC Members whose abstracts were accepted to be presented at the 2021 AMIA Clinical Informatics Conference (CIC)!

Panels (5/19):

- S01: **McCoy A, Patel N, Nelson S, Wright A, Wright A.** Vanderbilt University Medical Center Panel- Clinician Collaboration to Improve Clinical Decision Support: Perspectives on the Clickbusters Initiative.
- S07: Rossetti S, **Rosenbloom S, Johnson K**, Cato K, Murphy J, Detmer D. Panel- 25x5 Symposium to Reduce Documentation Burden: Report-out and Call for Action.

Panels (5/20):

- S26: **Wright A**, Zuccotti G, Pageler N, Longhurst C, **Sengstack P**. Panel- Better Together: Bridging Academic and Operational Clinical Informatics.

Workshops:

- *W06: Hsueh P, Tiase V, Jackson G, Saria S.* Real-time Insights for Healthcare Delivery: Translating Evidence into Action. Accepted as Workshop, AMIA Clinical Informatics Conference. 2021.
- W12: **Unertl K,** Haque S. Organizational Issues and Informatics: Translating Theory into Practice.

Presentations (5/19):

- S05: **Turer R**, **Williams D**, **Weitkamp A**, **Weinger M**, Reale C, Beebe R, Just S, Arnold D, Johnson J, Stassun J, Martin J, Suresh S, Rixe N, Sartori L, Ampofo K, Slagle J. Using Human-centered Design and Evidence-based Risk Communication Strategies to Design a Prognostic Tool for

Pediatric Emergency Department Patients with Pneumonia. Accepted as Presentation, AMIA Clinical Informatics Conference. 2021.

- S08: **Madani S, Giuse D**, Albert D, **Weitkamp A**. An Early Warning System for Patients with Implantable Cardiac Device and Positive Blood Culture. Accepted as Podium Presentation, AMIA Clinical Informatics Conference. 2021.

- S14: Moy A, Schwartz J, Lucas E, Cato K, **Rosenbloom S, Johnson K**, Murphy J, Detmer D, Rossetti S. Survey to Assess Clinician and Healthcare Leaders' Experiences with – and Perceptions of – COVID-19 Documentation Reduction Policies and Practices. Accepted as Presentation, AMIA Clinical Informatics Conference. 2021.

Presentations (5/20):

- S30: **Mize, D**. Developing and Sustaining a Clinician Champion Program at an Academic Medical Center. AMIA Clinical Informatics Conference. 2021 May; Virtual. Accepted as Presentation.
- S28: **Steitz, BD.**, **Wright, A**., Dunworth, B., **Wanderer, JP**. Non-Interruptive Clinical Decision Support to Improve Documentation Compliance. AMIA Clinical Informatics Conference. 2021 May; Virtual.
- S34: **Nelson S**, Mulherin D, Young K, Breeden E, Lehmann C, **Wright A, McCoy A.** Reducing Alert Fatigue with the Med Alerts Working Group

Posters (Session 1- 5/18 5:30-6:30pm):

- Rhodes B, Alphora; Kawamoto K, Marcial L, Brown S, Widenor A, **Nelson S**, Blumenfeld B, Richardson J. Testing and Implementation of a CDC Guideline-based Morphine Milligram Equivalent Calculator for Use in Chronic Pain Management. Accepted as Poster, AMIA Clinical Informatics Conference. 2021.
- **McCoy AB**, Nicholson G, Estrada C, **Wright A**, Parra D. Improving Management of Pediatric Cardiac Shunt Dependent Patients in the Emergency Department through Clinical Decision Support. Accepted as Poster, AMIA Clinical Informatics Conference. 2021.
- **Alrifai MW**, France D, Walker L. The Integration of Provider Workload Assessment Model Within the Electronic Health Records in A Neonatal Intensive Care Unit. Accepted as Poster, AMIA Clinical Informatics Conference. 2021.
- **Knake L,** Hatch D, **Alrifai MW.** Clinical Decision Support to Prevent Unplanned Extubation in the Neonatal Intensive Care Unit. Accepted as Poster, AMIA Clinical Informatics Conference. 2021.
- **Steitz, BD**., Sulieman, L.,**Warner, JL**., Fabbri, D., Brown JT., Davis AL., **Unertl, KM**. Quantifying Message Content to Reduce Unnecessary Inbasket Alerts. Poster. AMIA Clinical Informatics Conference. 2021 May; Virtual. Accepted as Poster Presentation.
- Wang S, Rizvi R, Preininger A, Draulis K, Felix W, Chowdhury B, **Jackson G.** Factors Affecting Automated Outreach Success for Management of Diabetes and Hypertension. Accepted as Poster, AMIA Clinical Informatics Conference. 2021.
- **Wright A**, Wen H, Liu W, Huggins A, **Wright A**, Theobald C. Defaults Matter: Changing the Pap Smear Order to Improve HPV Co-testing. Accepted as Poster, AMIA Clinical Informatics Conference. 2021.
- Rubins D, Miller A, Zuccotti G, McEvoy D, **Wright A**, Dutta S. Build Configuration Auditing to Prevent Recurrent Clinical Decision Support Malfunctions. Accepted as Poster, AMIA Clinical Informatics Conference. 2021.

- Cunningham J, Heiland J, Baca M, Kefayati S, Kutub N, Wang S, **Jackson G,** Scheufele E. Adaptation of Content Management for a Pharmacological Knowledgebase to Address COVID-19 Information Needs. Accepted as Poster, AMIA Clinical Informatics Conference. 2021.
- Gusdorf R, Shah K, Triana A, **McCoy A**, Pabla B, Scoville E, Dalal R, Beaulieu D, Schwartz D, Griffith M, **Horst S**. Demographic Factors Associated with Successful Telehealth Visits in Inflammatory Bowel Disease Patients. Accepted as Poster, AMIA Clinical Informatics Conference. 2021.

Accepted Publications

March

Appenteng R, Williams H, Fain E, Frazier B, Daly C, Phillips A, Boudreaux D, Greeno A, Danko M, **Johnson DP**. Improving Evidence-Based Non-Accidental Trauma Screening in a Pediatric Emergency Department. *Pediatrics*. 2021;147(3 MeetingAbstract):153.

Cronin A, Saknite I, **Tkaczyk ER**, Bowden A, Hussain I. Effect of distance, angle, and illumination on color in smartphone digital photos. *Proc. SPIE 11618, Photonics in Dermatology and Plastic Surgery.* 2021;116180Q.

Bonsmith K, Desai AD, Zhou C, Kenyon C, **Johnson DP**, Lopez M, Tyler A, Desai S, Mangione-Smith R. Markers of Social Disadvantage and Hospital Quality of Care for Pediatric Respiratory Illness. *Pediatrics.* 2021;147(3 MeetingAbstract):592.

Chudy-Onwugaje K, Mamunes AP, Schwartz DA, **Horst S**, Cross RK. Predictors of High Health Care Utilization in Patients With Inflammatory Bowel Disease Within 1 Year of Establishing Specialist Care. *Inflammatory Bowel Diseases.* 2021;27(3):325-35.

Grivas P, Khaki AR, Wise-Draper TM, ... **Warner JL**, de Lima Lopes Jr G. Association of Clinical Factors and Recent Anti-Cancer Therapy with COVID-19 Severity among Patients with Cancer: A Report from the COVID-19 and Cancer Consortium. *Annals of Oncology.* 2021 (in press)

McKeithan L, Schoenecker J, **Moore-Lotridge SN**, Schultz J, Wollenman L, Rees AB. Outcomes in Operative vs Non-Operative Management of Pediatric Medial Epicondylar Fractures. *Pediatrics.* 2021;147(3 MeetingAbstract):797.

Mekonnen ZA, Gelaye KA, **Were MC**, Tilahun B. Acceptability, Barriers and Facilitators of Mobile Text Message Reminder System Implementation in Improving Child Vaccination: A Qualitative Study in Northwest Ethiopia. *J Multidiscip Healthc.* 2021;14:605-616.

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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 presence, so feel free to add, tag, or tweet us at [@VUMC_VCLIC](#) too!

Thank you, and see you next month!