



## VCLIC News and Happenings, Volume 29

Hello and welcome to the October edition of VCLIC News! I know I have been sending a lot of emails lately, but we have a lot of exciting events coming up that we hope you are able to attend.

First, today (at 12:00 pm CT), we have **Dara Mize, MD**, Assistant Professor in DBMI and Health IT Clinical Director, speaking to our theme for the year on “Beyond Resiliency Training: Strategies to End Burnout.” Please see below for additional details---I hope you can join us for that, and for the hour after, where we will have Epic engineers onsite for a “**Stump the Epic Experts**” Q&A session from 1:00-2:00 pm CT. Then, on November 2<sup>nd</sup>, we have **Lisa Rotenstein, MD, MBA**, Assistant Professor at Harvard Medical School, speaking on “Using Data from the EHR to Understand Patterns & Quality of Ambulatory Care.” All details related to these upcoming events can be found on the [Events page](#) of our website (and below).

The **Epic Experts** who will be “stumped” later today happen to be onsite for a couple of days as part of an “Immersion Visit,” where they are observing and interacting with several clinical, HealthIT, and Informatics folks to learn about VUMC’s workflows and needs as they relate to the EHR. We really appreciate everyone who is taking time to present and interact with Epic’s team this week!

Hopefully most of you have already taken a look at our [InformaticCon Presentation Archive](#), but if you haven’t, there is more information on that (and pictures!) below as well. We had such a fantastic time at the event and hope everyone who joined us did as well!

We are also excited to feature new Clinical Informatics Fellow (and Radiologist) **Julie Bauml, MD**, as our member of the month!

As always, we have listed notable upcoming **conference submission deadlines** for you as well as all the many **honors, awards, presentations, news mentions, abstracts accepted, and publications** for all our members over the past month.

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

## Upcoming VCLIC Events

VCLIC DBMI Seminar, October 19<sup>th</sup>, 2022 with Dara Mize, MD

VCLIC Monthly Seminar

# Beyond Resiliency Training: Strategies to End Burnout

VCLIC  
VANDERBILT CLINICAL INFORMATICS CENTER

October 19th, 2022  
12:00 - 1:00pm CT

Additional Details: <https://www.vumc.org/vcllic/events-announcements>

**Speaker:**  
Dara Mize, MD  
Assistant Professor, DBMI  
and Department of  
Medicine; HealthIT Clinical  
Director

Please join us on October 19th at 12:00 pm CT (today) for Dara Mize, MD's talk "Beyond Resiliency Training: Strategies to End Burnout." The dissonant relationship between clinicians and the EHR is well-documented. Personal, organizational, and external factors also influence clinician well-being and contribute to burnout. This session will review the current state of clinician burnout, describe drivers of clinician well-being and demonstrate opportunities for informaticists to respond to the burnout problem.

This seminar will be in person at 2525 West End in room 8110 (8th floor) and streamed via Zoom [here](#).

VCLIC, DBMI, and DGIM Seminar, November 2<sup>nd</sup>, 2022 with Lisa Rotenstein, MD, MBA

VCLIC Monthly Seminar, Co-sponsored this month by VUMC DGIM

# Using Data from the EHR to Understand Patterns & Quality of Ambulatory Care



📅 November 2, 2022

🕒 12:00 - 1:00pm CT

Additional Details: <https://www.vumc.org/vcllic/events-announcements>



For our November 2nd, 2022 talk, in coordination with VUMC Department of General Internal Medicine (DGIM), VCLIC is so excited to welcome Lisa Rotenstein, MD, MBA, Assistant Professor, Harvard Medical School & Medical Director of Population Health, Brigham and Women's Hospital, who will speak about "Using Data from the EHR to Understand Patterns & Quality of Ambulatory Care." This talk will shed light on how EHR audit log data can be used to understand multiple aspects of ambulatory care delivery, including differences in EHR use by different specialties and team members and how EHR use is related to quality of care. It will also shed light on strategies to optimize physicians' time on the EHR.

We will host Dr. Rotenstein via [Zoom](#).

## Epic Immersion Visit Happening This Week

This week we are very excited to have a small contingent (6) of software developers and engineers from Epic onsite at VUMC as part of an "Immersion Visit." While they are here, the Epic folks are observing clinical teams (thank you especially to the VNIC/Nursing Informatics group for this, including VCLIC member **Kathy Moss, MSN, MBA**), interacting with our Clinical Decision Support Team, and hearing several presentations on Epic-related work happening at VUMC from folks such as **Cosby Stone, MD, MPH; Eddie Qian, MD; Travis Osterman, DO, MS; Scott Nelson, PharmD, MS; Adam Wright, PhD; and Allison McCoy, PhD.**



As part of this visit, we are also hosting a **“Stump the Epic Experts”** session at **1:00 pm today**, both on the 8<sup>th</sup> Floor of 2525 in room 8110, and on Zoom, [here](#). If you have challenging questions for Epic, or even just want to learn more about Epic's software development processes and what it's like to work at Epic, join us for the session.

## InformaticCon 2022



VCLIC hosted its first ever InformaticCon event on Wednesday, September 28th, 2022 from 12:00-2:00 pm in the VU Student Life Center Board of Trust Room. The event celebrated and showcased a variety of clinical informatics-focused projects that people from across VUMC are or have worked on, and we believe the end result was a display of a truly diverse array of impactful work! During the first hour of the event, eight speakers gave lightning-style (no longer than 7 minute) talks, and for the second hour, we held a poster session with 27 presenters. Thank you so much to all our presenters! We hope you had as much fun as we did.

One of the most-requested items on our feedback form was this archive of presented materials, so if presenters consented, we placed their materials in a repository on our website for your review.

**Please find an archive of all the talks and posters we are able to share from the event on our website, [here](#)!** We are already looking forward to next year.

## Epic Physician Builder training is virtual through April 2023

At Epic's User Group Meeting it was announced that the Physician Builder training will remain virtual through April 2023. You can see the requirements for the training via Epic's UserWeb, [here](#). Information about joining the Physician Builder Program at VUMC can be found on our [Confluence site](#).

### Member Spotlight: Julie Bauml, MD



Our featured member this month is **Julie Bauml, MD**, a radiologist from Chicago:

I graduated medical school from UI Chicago in 2010 and did my radiology residency there as well. After that, an MRI fellowship at UW Madison. I have worked as an attending at Mercy Hospital in Chicago, as an assistant professor in radiology at UI Chicago Hospital, and now most recently for private practice in Elmhurst, IL. Working in various environments has shown me how much opportunity there is for improving medicine with health informatics. The same issues keep cropping up: high volumes, inefficient paperwork, burned out providers and overly complex systems for patients to navigate. I would really like to draw on my experiences to improve the environment for medical providers and patients alike so that the entire system can be more sustainable.

I started my 2-year clinical informatics fellowship in July 2022, and as part of it am enrolled in the MS-ACI program as well. I am hoping the master's program will help me with the didactic tools and project experience I need to get the ball rolling. I have many interests in the world of informatics including process improvements, imaging AI/ML solutions (both interpretive and especially non-interpretive/workflow), inter-facility data sharing, and provider burnout. Although the majority of my experience is in radiology, I'd love to expand my abilities in other clinical fields as well.

As a new clinical informatics fellow at Vanderbilt, it's been great having the support of VCLIC. The teaching from VCLIC faculty during my master's in applied clinical informatics (MS-ACI) is giving me a great foundation of knowledge on which to build. VCLIC has also allowed me to work on a Clickbusters project regarding the contrast allergy and renal failure BPA alerts that fire when ordering imaging. I hope I can be helpful with making the EHR better at addressing both of these issues beyond CDS as well. Overall, I'm motivated by decreasing provider burnout, especially in my specialty of radiology, both through workflow/operational informatics solutions and new tools related to AI/ML. If you need a radiologist for your project or if our interests align, please feel free to reach out!

## Upcoming Conference Submission Deadlines

- [Institute for Healthcare Improvement \(IHI\) Forum](#)
  - Poster deadline: October 21, 2022
- [Epic XGM](#)
  - Deadline: November 14, 2022
- [American Society of Clinical Oncology \(ASCO\)](#)
  - Voices Audition Deadline: November 15, 2022
- [Medinfo](#)
  - Deadline: November 18, 2022
- [AMIA CIC](#)
  - Deadline: November 30, 2022
- [American Nursing Informatics Association \(ANIA\)](#)
  - Poster deadline: December 15, 2022

Details on upcoming conferences and conference deadlines can be found on our Confluence page, [here](#).

## Presentations, Interviews, Honors, and Awards

- **Scott Nelson**, PharmD, MS, FAMIA, ACHIP was recently promoted to Associate Professor! Congratulations, Scott!





- **Eric Tkaczyk, MD, PhD**, and team were featured in both the [VUMC Reporter](#) and [VU Research News](#) for their work developing AI to identify and track monkey pox lesions.
- **Yaa Kumah-Crystal, MD** recently gave the [virtual keynote for the Voice Summit 2022](#).
- **Yaa Kumah-Crystal** also served as a panelist in a Microsoft Research Summit [panel discussion on Ambient Clinical Intelligence, the Next Frontier of AI](#).
- **Yaa** has also just been named one of the [Women leaders of Conversational AI class of 2023](#)! Congratulations, Yaa!
- The NIH awarded a [four-year, \\$5.2 million grant](#) to VUMC to lead the AI research core for the Bridge to Artificial Intelligence (Bridge2AI) program. **Laurie Novak, PhD, MHSA, FAMIA** will serve as co-leader for two of the ethics core's four planned buckets of work, and **Colin Walsh, MD, MA, FAMIA, Martin Were, MD**, and **Yaa Kumah-Crystal, MD** will also be involved.
- **Josh Peterson, MD, MPH, FACMI** and team were recently awarded a [5-year, \\$4.3M grant](#) from the National Human Genome Research Institute to explore computational solutions to help address the problem of missed/delayed diagnosis for patients with rare genetic diseases!
- **Travis Osterman, DO, MS** was appointed as Minimal Common Oncology Data Element's (mCODE) American Society of Clinical Oncology (ASCO) Representative and Executive Committee Chair. Travis formerly served as Chair of mCODE's Technical Review Group.
- **Sara Horst, MD, MPH**, was recently [featured for her new roles in advancing digital health](#), including Associate Vice Chair for Digital Health Operations for the Department of Medicine and Assistant Chief for Clinical Informatics for the Division of Gastroenterology, Hepatology, and Nutrition! Congratulations, Sara!
- **Justin Bachmann, MD, MPH**, and the Vanderbilt Patient-Reported Outcome Measurement System (VPROMS) team were [awarded the Value-Based Health Care Primary Care Award](#) from the Value-Based Health Care Center Europe!
- **Jon Wanderer, MD**, gave grand rounds at SickKids hospital in Toronto, CA on 9/23/22: "Perioperative Informatics Innovation: For Patient Care, Research and Education."

- **Barron Frazier, MD** and team [featured for creating an emergency department to primary care clinic transfer protocol](#) as an alternative for using the ED for non-urgent conditions that can be treated in a primary care setting.
- A study team including **Laurie Novak, PhD** and **Gretchen Jackson, MD** was featured for their work [defining AI-related competencies for health professionals](#).

## Accepted Conference Abstracts

**Steitz, BD**, Shipley, K., Burrell E., **Wright, A.**, Fitzsimmons, J., Huggins, E., Roach, K., Pike, R., Weavind, L. (2023). An Evaluation of MEWS, NEWS, and a Widely Available Proprietary Deterioration Index. *Society of Critical Care Medicine (SCCM) 2023 Critical Care Congress*

## Publications

Ashley C Griffin, Lu He, Anthony P Sunjaya, Andrew J King, Zubin Khan, Martin Nwadiugwu, **Brian Douthit**, Vignesh Subbian, Viet Nguyen, Mark Braunstein, Charles Jaffe, Titus Schleyer. [Clinical, technical, and implementation characteristics of real-world health applications using FHIR](#). *JAMIA Open*. 2022 Dec 1;5(4):ooac077.

**Adam Wright, Scott Nelson**, David Rubins, Richard Schreiber, Dean F. Sittig. [Clinical decision support malfunctions related to medication routes: a case series](#). *Journal of the American Medical Informatics Association: JAMIA*. 2022 Oct 7;29(11):1972–1975. PMID: 36040207

**Lindsay S. Mayberry**, Merna El-Rifai, **Lyndsay A. Nelson**, Makenzie Parks, Robert A. Greevy, Lauren LeStourgeon, Samuel Molli, Erin Bergner, Andrew Spieker, James E. Aikens, Ruth Q. Wolever. [Rationale, design, and recruitment outcomes for the family/friend activation to motivate self-care \(FAMS\) 2.0 randomized controlled trial among adults with type 2 diabetes and their support persons](#). *Contemporary Clinical Trials*. 2022 Oct 5;106956. PMID: 36208719

Alison R. Carroll, Christine M. Smith, **S. Barron Frazier**, Jeffrey G. Weiner, David P. Johnson. [Designing and Conducting Scholarly Quality Improvement: A Practical Guide for Improvers Everywhere](#). *Hospital Pediatrics*. 2022 Oct 1;12(10):e359–e363. PMID: 36172802

**Megan E. Salwei**, Mary E. Sesto, Amye Tevaarwerk, Cibele B. Carroll. [Unmet Employment Related Needs of Metastatic Breast Cancer Survivors: A Work System Analysis](#). *Proceedings of the International Symposium on Human Factors and Ergonomics in Health Care*. SAGE Publications; 2022 Oct 1;11(1):135–139.

Esther M. Wesselink, Sjors H. Wagemakers, Judith A. R. van Waes, **Jonathan P. Wanderer**, Wilton A. van Klei, Teus H. Kappen. [Associations between intraoperative hypotension, duration of surgery and postoperative myocardial injury after noncardiac surgery: a retrospective single-centre cohort study](#). *British Journal of Anaesthesia*. 2022 Oct;129(4):487–496. PMID: 36064492

Riqiang Gao, Thomas Li, Yucheng Tang, Kaiwen Xu, **Mirza Khan**, Michael Kammer, Sanja L. Antic, Stephen Deppen, Yuankai Huo, **Thomas A. Lasko**, Kim L. Sandler, Fabien Maldonado, Bennett A. Landman. [Reducing uncertainty in cancer risk estimation for patients with indeterminate pulmonary nodules using](#)



[an integrated deep learning model](#). *Computers in Biology and Medicine*. 2022 Sep 29;150:106113. PMID: 36198225

**Siru Liu**, Jili Li, Zhan Qu, Runyi Li, Jialin Liu. [The effectiveness of eHealth self-management interventions in patients with chronic heart failure: Protocol for a systematic review and meta-analysis](#). *PloS One*. 2022;17(9):e0268446. PMCID: PMC9522291

**Lee Wheless**, Nimay Anand, Allison Hanlon, Mary-Margaret Chren. [Differences in Skin Cancer Rates by Transplanted Organ Type and Patient Age After Organ Transplant in White Patients](#). *JAMA dermatology*. 2022 Sep 28; PMID: 36169974

Robert W. Turer, John Christopher Champion, Brian Rothman, Heather Dunn, Kenneth M. Jenkins, Olayinka Evernham, Tyler W. Barrett, Ian David Jones, **Michael Ward**, Nathaniel Miller. [Decision Support to Improve Critical Care Services Documentation in an Academic Emergency Department](#). *Applied Clinical Informatics*. 2022 Sep 26; PMID: 36162434

**Siru Liu**, Jili Li, Ding-Yuan Wan, Runyi Li, Zhan Qu, Yundi Hu, Jialin Liu. [Effectiveness of eHealth Self-management Interventions in Patients With Heart Failure: Systematic Review and Meta-analysis](#). *Journal of Medical Internet Research*. 2022 Sep 26;24(9):e38697. PMID: 36155484

**Quentin Eichbaum**, Charles-Antoine Barbeau-Meunier, Mary White, Revathi Ravi, Elizabeth Grant, Helen Riess, Alan Bleakley. [Empathy across cultures - one size does not fit all: from the ego-logical to the eco-logical of relational empathy](#). *Advances in Health Sciences Education: Theory and Practice*. 2022 Sep 21; PMCID: PMC9491267

Jiye Kwon, Yong Kong, Martina Wade, **Derek J. Williams**, Clarence Buddy Creech, Scott Evans, Emmanuel B. Walter, Judy M. Martin, Jeffrey S. Gerber, Jason G. Newland, Meghan E. Hofto, Mary Allen Staat, Henry F. Chambers, Vance G. Fowler, W. Charles Huskins, Melinda M. Pettigrew. [Gastrointestinal Microbiome Disruption and Antibiotic-Associated Diarrhea in Children Receiving Antibiotic Therapy for Community-Acquired Pneumonia](#). *The Journal of Infectious Diseases*. 2022 Sep 21;226(6):1109–1119. PMCID: PMC9492313

William J. Gordon, Naruhiko Ikoma, Heather Lyu, **Gretchen Purcell Jackson**, Adam Landman. [Protecting procedural care-cybersecurity considerations for robotic surgery](#). *NPJ digital medicine*. 2022 Sep 20;5(1):148. PMCID: PMC9489690

Xia Jing, Akash Indani, Nina Hubig, Hua Min, Yang Gong, James J. Cimino, Dean F. Sittig, Lior Rennert, David Robinson, Paul Biondich, **Adam Wright**, Christian Nøhr, Timothy Law, Arild Faxvaag, Ronald Gimbel. [A Systematic Approach to Configuring MetaMap for Optimal Performance](#). *Methods of Information in Medicine*. 2022 Sep 19; PMID: 35613942

Steven Doerstling, David Winski, Evangelia Katsoulakis, Pankaj Agarwal, Pradeep J. Poonnen, Jane L. Snowdon, **Gretchen P. Jackson**, Dilhan Weeraratne, Michael J. Kelley, Vishal Vashistha. [Mutational profiles of head and neck squamous cell carcinomas based upon human papillomavirus status in the](#)

[Veterans Affairs National Precision Oncology Program](#). *Journal of Cancer Research and Clinical Oncology*. 2022 Sep 18; PMID: 36117189

Andrew J. McNeil, David W. House, Placide Mbala-Kingebeni, Olivier Tshiani Mbaya, Lori E. Dodd, Edward W. Cowen, Véronique Nussenblatt, Tyler Bonnett, Ziche Chen, Inga Saknite, Benoit M. Dawant, **Eric R. Tkaczyk**. [Counting Monkeypox Lesions in Patient Photographs: Limits of Agreement of Manual Counts and Artificial Intelligence](#). *The Journal of Investigative Dermatology*. 2022 Sep 15;S0022-202X(22)01897–8. PMID: PMC9534148

Genevieve B. Melton, James J. Cimino, Christoph U. Lehman, **Patricia R. Sengstack**, **Joshua C. Smith**, William M. Tierney, Randolph A. Miller. [Do electronic health record systems “dumb down” clinicians?](#) *Journal of the American Medical Informatics Association: JAMIA*. 2022 Sep 13;ocac163. PMID: 36099154

Cosby A. Stone, Lacey B. Robinson, Lily Li, **Matthew S. Krantz**, Jason H. Kwah, Gilbert Ortega, Christian Mancini, Anna R. Wolfson, Rebecca R. Saff, Upeka Samarakoon, David I. Hong, Grace Koo, Timothy G. Chow, Rebecca Gruchalla, Jane X. Liao, John K. Kuster, Christina Price, Catherine Ahola, David A. Khan, Elizabeth J. Phillips, Aleena Banerji, Kimberly G. Blumenthal. [Clinical phenotypes of immediate first dose reactions to mRNA COVID-19: A multi-center latent class analysis](#). *The Journal of Allergy and Clinical Immunology In Practice*. 2022 Sep 12;S2213-2198(22)00934–5. PMID: PMC9468049

Joanna L. Stollings, Grace Koo, Christopher J. Lindsell, Mary Lynn Dear, **Allison McCoy**, Todd W. Rice, Elizabeth J. Phillips, Cosby A. Stone, Vanderbilt Learning Healthcare System Investigators. [Risk-stratified management to remove low-risk penicillin allergy labels in the patients with COVID-19 in the intensive care unit](#). *The Journal of Allergy and Clinical Immunology In Practice*. 2022 Sep 11;S2213-2198(22)00927–8. PMID: PMC9464306

**Lindsay S. Mayberry**, Holly C. Felix, Jonell Hudson, Geoffrey M. Curran, Christopher R. Long, James P. Selig, Ayoola Carleton, Arshiya Baig, Hope Warshaw, Mark Peyrot, Pearl A. McElfish. [Effectiveness-implementation trial comparing a family model of diabetes self-management education and support with a standard model](#). *Contemporary Clinical Trials*. 2022 Sep 9;121:106921. PMID: 36096282

Layla Aref, Lisa Bastarache, **Jacob J. Hughey**. [The phers R package: using phenotype risk scores based on electronic health records to study Mendelian disease and rare genetic variants](#). *Bioinformatics (Oxford, England)*. 2022 Sep 9;btac619. PMID: 36083022

Noah J. Harrison, Andrea A. Lopez, Megan M. Shroder, **Justin M. Bachmann**, Emily Burnell, Michael B. Hopkins, Timothy M. Geiger, Alexander T. Hawkins. [Collection and Utilization of Patient-Reported Outcome Measures in a Colorectal Surgery Clinic](#). *The Journal of Surgical Research*. 2022 Sep 5;280:515–525. PMID: 36081311

Sharon E. Davis, **Colin G. Walsh**, Michael E. Matheny. [Open questions and research gaps for monitoring and updating AI-enabled tools in clinical settings](#). *Frontiers in Digital Health*. 2022;4:958284. PMID: PMC9478183

Steven J. Atlas, Anna N. A. Tosteson, Timothy E. Burdick, **Adam Wright**, Erica S. Breslau, Tin H. Dang, [https://service.projectplace.com/pub/english.cgi/0/147633667?auth=3DYWRxOFRV&iid= Amy J. Wint, Rebecca E. Smith, Kimberly A. Harris, Li Zhou, Jennifer S. Haas](https://service.projectplace.com/pub/english.cgi/0/147633667?auth=3DYWRxOFRV&iid=Amy J. Wint, Rebecca E. Smith, Kimberly A. Harris, Li Zhou, Jennifer S. Haas). [Primary Care Practitioner Perceptions on the Follow-up of Abnormal Cancer Screening Test Results](#). *JAMA network open*. 2022 Sep 1;5(9):e2234194. PMID: 36173627

**S. Barron Frazier**, James C. Gay, Shari Barkin, Michelle Graham, Michele Walsh, Kathryn Carlson. [Pediatric emergency department to primary care transfer protocol: Transforming access for patients' needs](#). *Healthcare (Amsterdam, Netherlands)*. 2022 Sep;10(3):100643. PMID: 35961185

Lucy J. Navsaria, Yao Li, Malgorzata K. Nowakowska, Candice L. Hinkston, **Lee Wheless**, Sharon H. Giordano, Mackenzie R. Wehner. [Incidence and Treatment of Actinic Keratosis in Older Adults With Medicare Coverage](#). *JAMA dermatology*. 2022 Sep 1;158(9):1076–1078. PMID: 359330251

Mingyue Wu, **Siru Liu**, Yi Yang, Jie Lin, Jialin Liu. [Clinical characteristics and outcomes of lung cancer patients with COVID-19: A systematic review and meta-analysis protocol](#). *PLOS ONE*. Public Library of Science; 2022 Aug 31;17(8):e0273691.

Talha Mubashir, **Jonathan P. Wanderer**, Eric S. Lambright, Jennifer Morse, John Zaki, Warren Choi, Holger K. Eltzschig, Yafen Liang. [Jugular venous congestion during off-pump lung transplantation is not associated with an increased risk of postoperative delirium](#). *Clinical Transplantation*. 2022 Aug 27:e14794.

McKenzie K. Roddy, **Lindsay S. Mayberry**, Devika Nair, Kerri L. Cavanaugh. [Exploring mHealth potential to improve kidney function: secondary analysis of a randomized trial of diabetes self-care in diverse adults](#). *BMC Nephrology*. 2022 Aug 10;23(1):280.

Andrea H. Ramirez, Lina Sulieman, David J. Schlueter, Alese Halvorson, Jun Qian, Francis Ratsimbazafy, Roxana Loperena, Kelsey Mayo, Melissa Basford, Nicole Deflaux, Karthik N. Muthuraman, Karthik Natarajan, Abel Kho, Hua Xu, Consuelo Wilkins, Hoda Anton-Culver, Eric Boerwinkle, Mine Cicek, Cheryl R. Clark, Elizabeth Cohn, Lucila Ohno-Machado, Sheri D. Schully, Brian K. Ahmedani, Maria Argos, **Robert M. Cronin**, et al. [The All of Us Research Program: Data quality, utility, and diversity](#). *Patterns*. 2022 Aug 12;3(8):100570.

**S. Barron Frazier**, Michele Walsh, Glory Beveridge, Clark Thornton, Jaime Kaye Otilio, Emily Fain, Barron Patterson. [It Pays to be Accurate: Improving Critical Care Documentation in a Pediatric Emergency Department](#). *Hospital Pediatrics*. 2022 Jul 12;12(8):726–734.

You Chen, **Mhd Wael Alrifai**, Yang Gong, Rhodes Evan, Jason Slagle, Bradley Malin, **Daniel France**. [Perioperative Care Structures and Non-Routine Events: Network Analysis](#). *Studies in Health Technology and Informatics*. 2022 Jun 6;290:359–363. PMID: 359213069

Accepted or In Press

**Siru Liu**, Joseph J. Schlesinger, **Allison B. McCoy**, **Thomas J. Reese**, **Bryan Steitz**, **Elise Russo**, Brian Koh, **Adam Wright**. New Onset Delirium Prediction using Machine Learning and Long Short-term Memory (LSTM) in Electronic Health Record. *J Am Med Inform Assoc*. Accepted for publication October 12, 2022.

## 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 soon!**