



## VCLIC News and Happenings, Volume 13

Hello and welcome to our one-year anniversary edition of VCLIC News! We are so glad to have you reading along with us and hope that this missive has introduced you to something new, different, or helpful at VUMC!

This month we have a recap of our recent activities, including the **Discovery Lecture** we sponsored, given by **Donald Berwick, MD, MPP**, last Thursday, April 15<sup>th</sup>, the **Tableau Workshop** that **Scott Nelson, PharmD, MS**, and **Joey LeGrand, PharmD, MS**, expertly taught on April 7<sup>th</sup>, and finally, the **Techquity Design Challenge** presentations, which (I think you'll agree) were all phenomenal.

Additionally, we are featuring VCLIC member of many hats, **Jon Wanderer, MD**, outlining upcoming **conferences and related deadlines**, and sharing all of our **recent publications, news story mentions**, an **internal funding opportunity**, and **conference abstract acceptances**.

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)).

## VCLIC's Recent Events

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

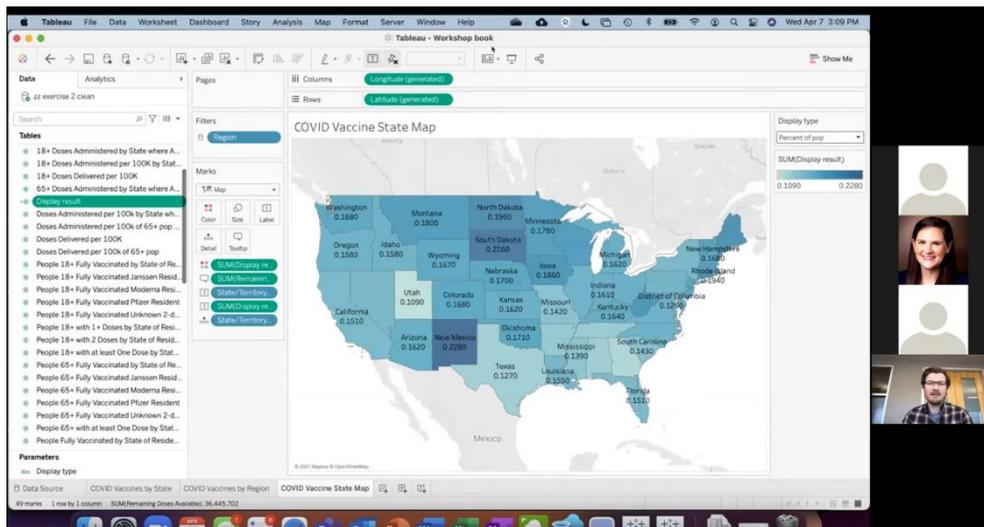
VANDERBILT UNIVERSITY  
MEDICAL CENTER

We were honored to host **Donald Berwick, MD, MPP**, President Emeritus and Senior Fellow of the Institute for Healthcare Improvement (IHI), who presented on the “moral determinants of health” as part of the VUMC Discovery Lecture Series. Dr. Berwick outlined health determinants that have traditionally been overlooked in medicine, from access to green space and housing vacancy rates to school poverty and proximity to early childhood education centers. Dr. Berwick gave us a lot to think about, and we are extremely grateful to have had the opportunity to learn from him.

## Tableau Workshop

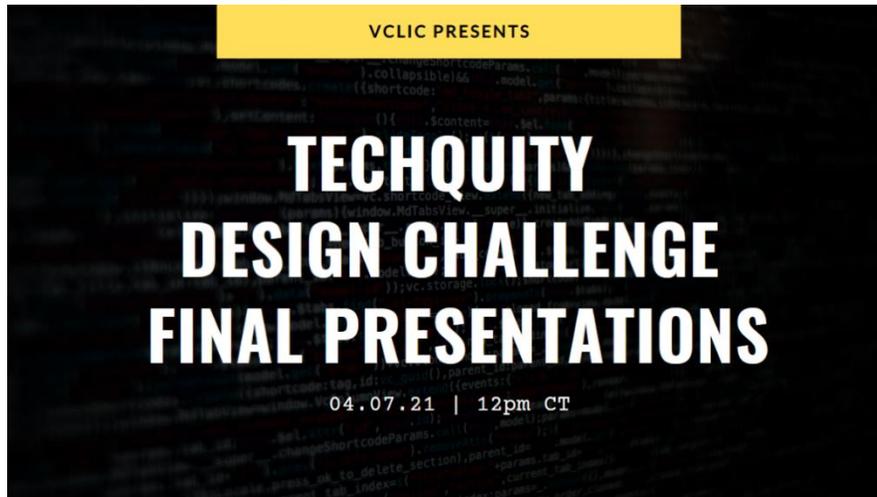


We learned so much during the Tableau workshop led by **Scott Nelson, PharmD, MS**, and **Joey LeGrand, PharmD, MS**! After covering the basics of Tableau and how to connect it to Clarity, participants built a map of the U.S. with COVID Vaccine data by state, created tables with their own calculated variables on COVID Vaccine data, aggregated state-level data by region, and so much more. Thank you to our workshop leaders, Drs. Nelson and LeGrand, and all our participants for your engagement!



For a link to the recording, as well as the Box folder with the workshop materials, please visit [our Confluence page](#) (must be connected to the VUMC VPN or on campus).

Techquity Design Challenge Final Presentations, April 7th, 2021 at 12pm CT



Our Techquity Design Challenge wrapped up on April 7<sup>th</sup>, with the team’s final presentations during the DBMI noon Seminar. All the projects developed over the course of this program are significant in their impact and were extremely well articulated despite the crunched timeline. It was abundantly clear through the hard work of these teams that many at VUMC care deeply about equitable and innovative health care. Congratulations to each of our 6 teams, and a special “thank you” to all our team mentors! Finally, thank you so much to our esteemed Judges, **Robert (Bob) Miller, MD; André Churchwell, MD;** and **Neal Patel, MD, MPH;** and to our VCLIC Theme Leaders, **William Martinez, MD, MS,** and **Trent Rosenbloom, MD, MPH.**

*You can find the VUMC Reporter’s coverage of the event [here](#).*

#### First Place:

##### **Capture of Smoking History in EHR for Assessment of Lung Cancer Screening Eligibility**

Team members: Melinda Aldrich, PhD, MPH; Kim Sandler, MD; Melissa McPheeters, PhD, MPH; Jennifer Richmond, PhD, MSPH; Jeffrey Blume, PhD; Travis Osterman, DO, MS

Mentor: William Martinez, MD, MS

#### Second Place:

##### **VICC IMPACT: Interventions to Maintain and Promote Adherence to Cancer Therapies**

Team Members: Ryan Whitaker, MD, PhD; Evan Osmundson, MD, PhD; Brian Bingham, MD

Mentor: Dan France, PhD, MPH

#### Third Place and People’s Choice Winner:

##### **Food Insecurity Resource Connection**

Team members: Cristin Fritz, MD, MPH; Holly Hanson, MD, MS; Lauren Sanlorenzo, MD; Hannah Smith, MD; Sophia Kostelanetz, MD, MPH; Britta Roach, DO; Rosemary Hunter, MD; Shani Jones, MD; Mia Letterie, BA

Mentors: Lindsay Mayberry, PhD, MS; Bryan Steitz, PhD; Wael Alrifai, MD, MS

#### Other Competitors:

##### **Using Technology to Reduce Inequity in Discharge Medication Counseling for Hospitalized Children**

Team Members: Ali Carroll, MD; Derek Williams, MD, MPH; Amanda Mixon, MD, MS, MSPH; David Johnson, MD; John Wright, PharmD

Mentor: Allison McCoy, PhD

##### **Bridging the Digital Divide: Addressing Inequality in Access to Telehealth**

Team Members: Michael Clark, BS; William Quach, BS; Olivia Henry, BA; Kathy Lee, BS; Megan McLeod, BBA; Thomas Li, BS; Sritharan Kadimi, BS; Jay Kang, BA; Roman Gusdorf, BS; Chi Le, BS; Amany Alshibli, BS

Mentor: Sara Horst, MD, MPH

##### **PROgnosis CKD: Patient Reported Outcome Intake for Self-Care, Cognitive, and Functional Decline**

Team Member: Devika Nair, MD, MSCI

Mentors: Sharidan Parr, MD, MSCI, MS; Justin Bachmann, MD, MPH

#### Member Spotlight: Jonathan Wanderer, MD, MPhil, FASA, FAMIA



**Dr. Jonathan Wanderer, MD, MPhil, FASA, FAMIA** is an Associate Professor in Anesthesiology and Biomedical Informatics at Vanderbilt University Medical Center. He joined the faculty at Vanderbilt University Medical Center in 2012. He is involved in clinical care of a range of patient populations at Vanderbilt Adult University Hospital, clinical research, and mentoring medical students and housestaff. His research interests largely involved the insights that can be garnered from the analysis of large databases, particularly through the derivation of predictive models which can be integrated into clinical workflows. He is also interested in how clinical informatics can be used to improve clinical operations, and the analysis of quality improvement initiatives that involve the electronic health record. He is Medical Director for Perioperative Informatics, a senior HealthIT Clinical Director and founded Vanderbilt's Physician Builder Program, which has grown to over 70 members and is one of the largest in existence. He has been a member of Epic's Anesthesia Steering Board for four years, and co-chairs the Anesthesia Mobile Workgroup.

On a national level, Dr. Wanderer is an Associate Editor for Anesthesiology as well as Anesthesia & Analgesia. He serves as Vice Chair for the Anesthesia Quality Institute's Registry Operations Committee and Data Definitions Committee, and is a member of their Data Use Committee. He is an American Board of Anesthesiology Board Examiner, chairs the American Society of Anesthesiologists' Outcomes and Database Research Subcommittee, and is a Director At Large for the Society for Technology in Anesthesia.

Currently he is working with **Allison McCoy, PhD, MS** and Liza Weavind, MD, in evaluating the implementation of Epic's Deterioration Index for identifying patients at VUAH who are at high risk of clinical decompensation and who could benefit from evaluation by VUAH's critical care outreach team. He is also working in the application of Epic's Adult Sepsis Prediction model and developing an interventional order set. On the analysis side, he has worked with **Adam Wright, PhD**, and **Elise Russo, MPH**, in establishing the VDAWGs (Vanderbilt Database Access Working Group) program, which is a program for faculty members interested in working directly with data. He is deeply excited to see the kinds of problems his colleagues will solve through the Physician Builder and VDAWG programs, and eager to help them do so.

## Upcoming Conferences and Conference Deadlines

### April

- [SGIM Annual Meeting](#): Conference Dates **April 20-23** (Virtual)
- [IMIA MedInfo 2021](#): Submissions due **April 26**
- [Epic UGM](#): presentation submissions due **April 29 (extended)**.
- [Pediatric Academic Societies \(PAS\) Meeting](#): Phase I Conference Dates **April 30-May 4** (Virtual)
- [Epic XGM](#): Conference Dates **April 26-May 6** (Virtual)

### May

- [American Academy of Pediatrics \(AAP\) National Conference & Exhibition](#): Plenary Proposal and Keynote Idea Submissions due **May 7**
- [International Conference on Learning Representations](#): Conference Dates **May 3-7** (Virtual)
- [ACM-BCB](#): Highlights due **May 10**, Posters due **May 14**
- [Association for Computing Machinery CHI](#): Conference Dates **May 8-13** (Virtual)
- [American College of Cardiology \(ACC\)](#): Conference Dates **May 15-17** (Virtual)

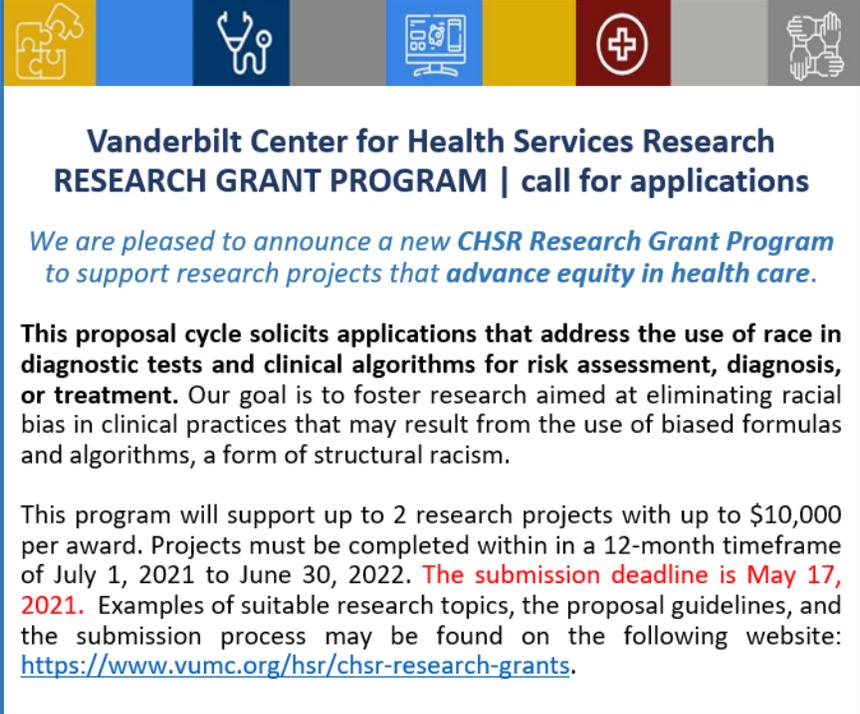
- [AMIA Clinical Informatics Conference \(CIC\)](#): Conference Dates **May 18-20** (Virtual)
- [Anesthesiology Annual Meeting \(ASA\)](#): Medically Challenging Case and Quality Improvement Projects Submissions due **May 24 (11:59pm CT)**
- [NeurIPS](#): Abstract Submissions due **May 19 (3:00pm CT)**, Paper submissions due **May 26 (3:00pm CT)**
- [Medical Informatics Europe \(MIE\)](#): Conference Dates **May 29-31** (Virtual)

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

## VCLIC Twitter

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.

## Health Services Research Grant Application Live!



**Vanderbilt Center for Health Services Research  
RESEARCH GRANT PROGRAM | call for applications**

*We are pleased to announce a new CHSR Research Grant Program to support research projects that **advance equity in health care**.*

**This proposal cycle solicits applications that address the use of race in diagnostic tests and clinical algorithms for risk assessment, diagnosis, or treatment.** Our goal is to foster research aimed at eliminating racial bias in clinical practices that may result from the use of biased formulas and algorithms, a form of structural racism.

This program will support up to 2 research projects with up to \$10,000 per award. Projects must be completed within in a 12-month timeframe of July 1, 2021 to June 30, 2022. **The submission deadline is May 17, 2021.** Examples of suitable research topics, the proposal guidelines, and the submission process may be found on the following website: <https://www.vumc.org/hsr/chsr-research-grants>.

To learn more, please go to: <https://www.vumc.org/hsr/chsr-research-grants>

## Publications, Presentations, Interviews, and Awards

### In The News

- 4/15/2021: [Health care equity focus of tech design challenge](#): This article did a great job summarizing our Techquity Design Challenge and celebrating the first, second, and third-place winners! **Adam Wright, PhD**, is quoted.

- 4/15/21: [DBMI program for undergrads receives grant renewal from NSF](#) Congratulations to **Kim Unertl, PhD**, principal investigator of the grant!
- 4/15/21: [Team analyzed clinical notes to identify COVID symptoms](#) **Joshua Smith, PhD, Josh Peterson, MD, MPH, Trent Rosenbloom, MD, MPH, and Kevin Johnson, MD, MS**, were co-authors in a study that used clinical notes, rather than solely structured data, to discover concepts related to COVID-19, such as loss of taste and smell
- 4/1/21: [COVID-19 met with intensive teamwork](#) **Daniel France, PhD, MPH**, was a co-author in a study on COVID-19 care teams' connectedness
- 4/1/21: [Study outlines VUMC's strategy for a learning health care system](#) **Sunil Kripalani, MD, MSc**, was co-author in this study featured by the Reporter, entitled "[Learning From What We Do, and Doing What We Learn: A Learning Health Care System in Action](#)"
- 3/25/21: [Eight named to hold VUMC endowed directorships](#) Congratulations to VCLIC Director, **Adam Wright, PhD**, who was named holder of the DBMI Directorship in Clinical Informatics!
- 3/19/21: [COVID-19 and Cancer Consortium study highlights racial disparities, increased mortality for patients facing dual diagnoses](#) **Jeremy Warner, MD**, COVID-19 & Cancer Consortium Steering Committee Member, is quoted

Other news outlets featuring VCLIC Members:

- 4/9/21: **Trent Rosenbloom, MD, MPH**, was in a [videocast](#) with Jeffrey Upperman, MD, on how the Cures Act impacts Pediatric Surgeons at VUMC.
- 4/7/21: VUMC Discover's article, "[An Expert-informed Regimen Database for Oncologists](#)," interviewed **Jeremy Warner, MD**.
- 4/6/21: **Yaa Kumah-Crystal, MD, MPH's** innovative approaches to telehealth, or, as Dr. Kumah-Crystal puts it, "care unbound by distance, physical location, or setting," were the main features of a Forbes article: "[An Exciting, Surprisingly Imaginative, Techy Vision Of Telemedicine's Future](#)."

## Accepted Abstracts

**Anders S, Novak LL**, Kutub N, **France D**, Simpson C, VanHouten C, Draulis K, Rizvi R, Bright T. Medication information resource tools: Who uses them and for what purpose are they used? AMIA 2021 Virtual Informatics Summit. March 23, 2021.

**Anders S**, Reale C, **Weinger MB**, Slagle J, **Novak LL, France DJ**. Reducing unplanned treatment events in cancer outpatients. The International Forum on Quality and Safety in Healthcare Europe. June 9-11, 2021.

**France DJ**, Grubb P, Slagle J, Schremp E, Rhodes E, McGrath K, Lorinc A, Hatch LD, Robinson J, Newman T, Shotwell M, Blakely M. Perioperative Handover Structures and Non-Routine Events at Two Children's Hospitals. Academy Health Annual Research Meeting. June 14-17, 2021.

**France DJ**, Slagle J, Rhodes E, Schremp E, Moroz S, Grubb P, Hatch L, Lorinc A, Newman T, Shotwell M, Robinson J, **Weinger M**, Blakely M. The Association between Non-Routine Events and Thirty-Day Post-Operative Morbidity and Mortality in Neonates Requiring Surgery. Pediatric Academies Society. 2021.

**Knake LA, Alrifai MW**, Lehmann CU, Hatch LD. Epidemiology of Tidal Volume Use During Volume-Targeted Ventilation. Pediatric Academic Society. May 2021. [Virtual Poster Presentation]

Mannering H, **Alrifai MW, France D**, Yan C. Discovering Changes in the Neonatal Intensive Care Unit Structures Before and During the COVID-19 Pandemic: A Network Analysis. AMIA 2021 Virtual Informatics Summit. March 23, 2021.

## Accepted Publications

### April

Bakhom N, Gerhart C, Schrepf E, **Jeffrey AD, Anders S, France D, Ward MJ**. A Time and Motion Analysis of Nursing Workload and Electronic Health Record Use in the Emergency Department. *J Emerg Nurs*. 2021, In Press.

DeLozier S, Bastarache L, Bland S, **McPheeters M**, Wells Q, Farber-Eger E, Bejan CA, Fabbri D, **Rosenbloom T**, Roden D, **Johnson KB**, Wei W-Q, **Peterson J**. [Phenotyping coronavirus disease 2019 during a global health pandemic: lessons learned from the characterization of an early cohort](#). *Journal of Biomedical Informatics*. 2021:103777.

Gusdorf R, Shah K, Triana A, **McCoy A**, Pabla B, Scoville E, Dalal R, Beaulieu D, Schwartz D, **Horst S**, Griffith M. A Patient Education Intervention Improved Rates of Successful Video Visits During Rapid Implementation of Telehealth. *J Telemed Telecare*. 2021, In Press.

Friese CR, Choueiri TK, Duma N, Farmakiotis D, Grivas P, Rini BI, Shah DP, Thompson MA, Pergam SA, Mishra S, **Warner JL**. Care without a Compass: Including Patients with Cancer in COVID-19 Studies. *Cancer Cell*. (accepted)

Jeon H, You SC, Kang SY, Seo SI, **Warner JL**, Belenkaya R, Park RW. [Characterizing the Anticancer Treatment Trajectory and Pattern in Patients Receiving Chemotherapy for Cancer Using Harmonized Observational Databases: Retrospective Study](#). *Journal of Medical Internet Research*. 2021;9(4):e25035.

Kitko CL, Pidala J, Schoemans HM, Lawitschka A, Flowers ME, Cowen EW, **Tkaczyk E**, Farhadfar N, Jain S, Stevens P, Luo ZK, Ogawa Y, Stern M, Yanik GA, Cuvelier GDE, Cheng G-S, Holtan SG, Schultz KR, Martin PJ, Lee SJ, Pavletic SZ, Wolff D, Paczesny S, Blazar BR, Sarantopoulos S, Socie G, Greinix H, Cutler C. [National Institutes of Health Consensus Development Project on Criteria for Clinical Trials in Chronic Graft-versus-Host Disease: Ila. The 2020 Clinical Implementation and Early Diagnosis Working Group Report: NIH cGVHD WG2a](#). *Transplantation and Cellular Therapy*. 2021.

Luff D, O'Donnell M, Johnston PR, **Martinez W**, Slanetz P, Bell SK, Brown SD. [Radiology Trainees' Perceptions of Speaking up Culture Related to Safety and Unprofessional Behavior in Their Work Environments](#). *American Journal of Roentgenology*. 2021;216(4):1081-87.

**Nelson LA**, Williamson SE, LeSturgeon LM, **Mayberry LS**. [Retaining diverse adults with diabetes in a long-term trial: Strategies, successes, and lessons learned](#). *Contemporary Clinical Trials*. 2021;105:106388.

Suraj V, Del Vecchio Fitz C, Kleiman LB, **Warner J**, Alterovitz G. SMART COVID Navigator: A Clinical Decision Support for COVID-19 [preprint]. *JMIR Preprints*. 2021.

Starnes LS, Hanson HR, Swarm M, Johnson A, Ritter K, **Frazier SB**. Adolescent with Pelvic and Rectal Pain. *Journal of Emergency Medicine*. 2021, In Press.

**Wanderer JP**, Rathmell JP. [Bringing Back the Balance: Opioid Reduction in Anesthesia](#). *Anesthesiology*. 2021;134(4):A17.

## March

Antoon JW, **Williams DJ**, Thurm C, Bendel-Stenzel M, Spaulding AB, Teufel RJ, Reyes MA, Shah SS, Kenyon CC, Hersh AL, Florin TA, Grijalva CG. [The COVID-19 Pandemic and Changes in Healthcare Utilization for Pediatric Respiratory and Nonrespiratory Illnesses in the United States](#). *J Hosp Med*. 2021.

Bates DW, Levine D, Syrowatka A, Kuznetsova M, Craig KJT, Rui A, **Jackson GP**, Rhee K. [The potential of artificial intelligence to improve patient safety: a scoping review](#). *npj Digital Medicine*. 2021;4(1):54.

D'Amore JD, McCrary LK, Denson J, Li C, Vitale CJ, Tokachichu P, Sittig DF, **McCoy AB**, **Wright A**. [Clinical data sharing improves quality measurement and patient safety](#). *J Amer Med Inform Assoc*. 2021.

Douin DJ, **Ward MJ**, Lindsell CJ, Howell MP, Hough CL, Exline MC, Gong MN, Aboodi MS, Tenforde MW, Feldstein LR, Stubblefield WB, Steingrub JS, Prekker ME, Brown SM, Peltan ID, Khan A, Files DC, Gibbs KW, Rice TW, Casey JD, Hager DN, Qadir N, Henning DJ, Wilson JG, Patel MM, Self WH, Ginde AA. [ICU Bed Utilization During the Coronavirus Disease 2019 Pandemic in a Multistate Analysis-March to June 2020](#). *Crit Care Explor*. 2021;3(3):e0361-e61.

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.

Ginsburg GS, Cavallari LH, Chakraborty H, ..., **Peterson J**, ..., Van Driest S, the IP. [Establishing the value of genomics in medicine: the IGNITE Pragmatic Trials Network](#). *Genetics in Medicine*. 2021.

Haddad T, Helgeson JM, Pomerleau KE, Preininger AM, Roebuck MC, Dankwa-Mullan I, **Jackson GP**, Goetz MP. [Accuracy of an Artificial Intelligence System for Cancer Clinical Trial Eligibility Screening: Retrospective Pilot Study](#). *JMIR Med Inform*. 2021;9(3):e27767.

Li G, **Freundlich RE**, Gupta RK, Hayhurst CJ, Le CH, Martin BJ, Shotwell MS, **Wanderer JP**. [Postoperative Pulmonary Complications' Association with Sugammadex versus Neostigmine](#). *Anesthesiology*. 2021.

Liu M, Roden DM, **Peterson JF**. [The Case for Expanding the FDA Box Warning on Clopidogrel to CYP2C19 Intermediate Metabolizers](#). *Clin Pharmacol Ther*. 2021.

**Mayberry LS**, Greevy RA, Huang L-C, Zhao S, Berg CA. [Development of a Typology of Diabetes-Specific Family Functioning Among Adults With Type 2](#). *Annals of Behavioral Medicine*. 2021.

McNaughton CD, Adams NM, Johnson CH, **Ward MJ**, **Lasko TA**. [Diurnal variation in SARS-CoV-2 PCR test results: Test accuracy may vary by time of day\[preprint\]](#). *medRxiv*. 2021.

Ngugi P, Babic A, **Were M**. [Users' Perception on Factors Contributing to Electronic Medical Records Systems Use: A Focus Group Discussion Study in Healthcare Facilities Setting in Kenya \[preprint\]](#). *Research Square*. 2021.

Patel DA, Mendoza KA, Chen H, Engelhardt BG, Savani BN, Goodman SA, **Warner J**, Kassim AA, Byrne M, Chinratanalab W, Greer JP, Hunt C, Jagasia M. [Similar Outcomes in Early-Failure Steroid-Dependent](#)

[Compared to Upfront Steroid Refractory Acute Graft-Versus-Host Disease Following Allogeneic Hematopoietic Cell Transplant](#). *Journal of Hematology*. 2021;10(1):35-39.

Rizvi R, VanHouten C, Bright TJ, McKillop MM, Alevy S, Brotman D, Sands-Lincoln M, Snowdon J, Robinson BJ, Staats C, **Jackson GP**, Kassler WJ. [The Perceived Impact and Usability of a Care Management and Coordination System in Delivering Services to Vulnerable Populations: Mixed Methods Study](#). *J Med Internet Res*. 2021;23(3):e24122.

Shah KP, Triana AJ, Gusdorf RE, **McCoy AB**, Pabla B, Scoville E, Dalal R, Beaulieu DB, Schwartz DA, Griffith ML, **Horst SN**. [Demographic Factors Associated With Successful Telehealth Visits in Inflammatory Bowel Disease Patients](#). *Inflammatory Bowel Diseases*. 2021.

Shapiro DJ, Hall M, Lipsett SC, Hersh AL, Ambroggio L, Shah SS, Brogan TV, Gerber JS, **Williams DJ**, Grijalva CG, Blaschke AJ, Neuman MI. [Short- Versus Prolonged-Duration Antibiotics for Outpatient Pneumonia in Children](#). *The Journal of Pediatrics*. 2021.

Simon GE, Matarazzo BB, **Walsh CG**, Smoller JW, Boudreaux ED, Yarborough BJH, Shortreed SM, Coley RY, Ahmedani BK, Doshi RP, Harris LI, Schoenbaum M. [Reconciling Statistical and Clinicians' Predictions of Suicide Risk](#). *Psychiatric Services*. 2021.

Smith DK, **Freundlich RE**, Shinn JR, Wood CB, Rohde SL, McEvoy MD. [An improved predictive model for postoperative pulmonary complications after free flap reconstructions in the head and neck](#). *Head & Neck*. 2021.

Synhorst DC, Bettenhausen JL, Hall M, Thurm C, Shah SS, Auger KA, **Williams DJ**, Morse R, Berry JG. [Healthcare Encounter and Financial Impact of COVID-19 on Children's Hospitals](#). *J Hosp Med*. 2021;16(4):223-26.

Tevaarwerk A, **Osterman T**, Arafat W, Smerage J, Polubriaginof FG, Heinrichs T, Sugalski J, Martin D. [BIO21-011: Oncology Provider Perspectives on Telemedicine for Patients With Cancer: A National Comprehensive Cancer Network \(NCCN®\) Survey](#). *Journal of the National Comprehensive Cancer Network*. 2021;19(3.5).

**Weinger MB**. [Time out! Rethinking surgical safety: more than just a checklist](#). *BMJ Quality & Safety*. 2021.

Wu P, **Nelson SD**, Zhao J, Stone Jr CA, Feng Q, Chen Q, Larson EA, Li B, Cox NJ, Stein CM, Phillips EJ, Roden DM, Denny JC, Wei W-Q. [DDIWAS: High-throughput electronic health record-based screening of drug-drug interactions](#). *J Amer Med Inform Assoc*. 2021.

Yan L, Reese T, **Nelson SD**. [A Narrative Review of Clinical Decision Support for Inpatient Clinical Pharmacists](#). *Appl Clin Inform*. 2021;12(02):199-207.

Yi J, Wood JB, Creech CB, **Williams D**, Jimenez-Truque N, Yildirim I, Sederdahl B, Daugherty M, Hussaini L, Munye M, Tomashek KM, Focht C, Watson N, Anderson EJ, Thomsen I. [Clinical Epidemiology and Outcomes of Pediatric Musculoskeletal Infections](#). *The Journal of Pediatrics*. 2021.

Zakria D, Patrinely JR, Dewan AK, Albers SE, **Wheless LE**, Simmons AN, Drolet BC. [Intralesional corticosteroid injections are less painful without local anesthetic: a double-blind, randomized controlled trial](#). *Journal of Dermatological Treatment*. 2021:1-4.

## 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!**