



VCLIC News and Happenings, Volume 14

Hi all, Happy Summer, and welcome back to VCLIC News—as you may have noticed, we took a brief hiatus in May. As a result, we have a lot to report on this month, and please bear with us if we leave anything out (also: please email us if we leave anything out, and we'll include in the July publication).

The majority of this newsletter is dedicated to the outstanding work our members have been doing over the past several months, but we are also excited to feature **Yaa Kumah-Crystal, MD, MPH, MS**, and her work as well as to include information on how to apply to become a **Fellow of AMIA** and upcoming conferences, competitions, and conference deadlines. The Honors, Awards, Publications, and Presentations section of this newsletter is lengthy—congratulations to all our members on a fabulous year and start to summer!

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

FAMIA 2021 Applications Now Open

The application period for candidates who wish to apply to be Fellows of AMIA opened on May 18th, 2021 and will be active through July 19th, 2021 at 11:59 pm ET. FAMIA was established by the AMIA board in 2018 in order to recognize members who apply informatics skills and knowledge within their professional setting, who have demonstrated professional achievement and leadership, and who have a sustained commitment to the betterment of AMIA.

To review the eligibility criteria, see [here](#). To apply, visit [here](#).

AMIA/HL7 FHIR Applications Competition Call for Submissions Open

AMIA and HL7 are sponsoring a competition at the AMIA 2021 Annual Symposium (October 30-November 3rd) for anyone who is working on FHIR and has a software application to present. They are interested in health-related FHIR software applications that:

1. Are deployed in a real-world setting, and in use with clinicians, caregivers, patients or people;
2. Address a real-world need or problem in an innovative, efficient and effective way; and
3. Provide value for the clinic, research, education and administration. If you have one or more evaluation studies, so much the better!

In order to participate, you will submit answers to a series of questions, available [here](#). A panel of FHIR experts and developers from HL7 and AMIA will review the submissions and select 10 for presentation at the AMIA 2021 Annual Symposium. More information can be found on the [website](#).

Member Spotlight: Yaa Kumah-Crystal, MD, MPH, MS



Like many kids in the 90s, I secretly wanted to learn that I was a wizard just like Harry Potter and could command all the candles in the dining hall to ignite by simply declaring "Lumos."

Alas, my train ticket to Hogwarts never materialized. But I can turn on and off all the lights in my house by simply asking Alexa. Close enough I guess.

I want to practice medicine in a world that can take every advantage of the existing magic in the science we have available to us. Can it be science and magic at the same time? Imagine a hospital where doctors are commanding inanimate tools with their voice to care for their patients, have the ability to predict the future and determine if a patient is going to deteriorate, and administer potions that can help the body create antibodies to ward off a pandemic. It's unbelievable how far basic computer science principles leveraged in medicine have allowed us to come. The fact that we have principles and the scientific premise to understand why it all comes together doesn't make it any less magical.

I'm particularly interested in the way doctors work and think and arrive at decisions to help patients get better. Because speaking is the most natural way we as humans communicate, I want to help design a care experience where doctors and patients can simply use their words to request and share information with each other and their environment. Computers can be oracles for care delivery and the way we choose to leverage these technologies is revealing about our humanity. I want to work with anyone who is inspired by the possibility of *what if* and has ever dreamt of being a wizard.

Upcoming Conferences

- [International Conference on Machine Learning \(ICML\)](#): July 18-24th, 2021, Virtual
- [Society for Industrial and Applied Mathematics \(SIAM\) Annual Meeting](#): July 19-23, 2021, Virtual

- [Association for Computing Machinery Conference on Bioinformatics, Computational Biology, and Health Informatics](#): August 1-4th, 2021, Virtual
- [Machine Learning for Healthcare](#): August 6-7th, 2021, Virtual
- [Healthcare Information and Management Systems Society \(HIMSS\)](#): August 9-13th, 2021, Las Vegas, NV (hybrid)
- [Epic UGM](#): August 23-26th, 2021, Verona, WI

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

Publications, Presentations, Interviews, and Awards

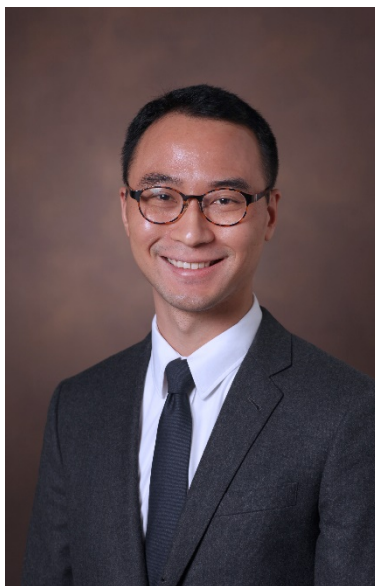
Awards and Honors

Kevin Johnson, MD, MS Named IAHSI Fellow



Kevin Johnson, MD, MS, has been elected to the International Academy of Health Sciences Informatics (IAHSI) in the [2021 Class of Academy Fellows](#). The Academy is part of the International Medical Informatics Association (IMIA), and election to IAHSI fellowship is a prestigious honor, recognizing expertise in biomedical and health informatics internationally.

Scott Lee, MD, PhD, MPA, MPhil received Kenneth J. Arrow Award



Scott Lee, MD, PhD, MPA, MPhil received the [Kenneth J. Arrow Award](#) for health economics research given by the International Health Economics Association. Dr. Lee and colleagues were awarded this honor for their 2020 paper published in the American Economic Review, describing a [study about the recruitment of health practitioners in Zambia and its relationship to significant improvement in measured health outcomes](#). This award is the highest honor given annually for health economics research. Congratulations, Dr. Lee!

Trent Rosenbloom, MD, MPH appointed to NLM BILDS Review Committee



Trent Rosenbloom, MD, MPH, was appointed to the National Library of Medicine's (NLM) Biomedical Informatics, Library, and Data Sciences (BILDS) Review Committee for the term between July 1, 2021, and June 30, 2025. The BILDS committee is the leading study section for the NLM, and members are

chosen for their individual expertise, academic ranking, research background, and experience with peer review processes, among other criteria.

Inaugural Physician Builder Award Winners: Chetan Aher, MD, and Wael Alrifai, MD, MS



Chetan Aher, MD, and Wael Alrifai, MD, MS, were awarded the first Physician Builder Awards for VUMC Physician Builder program participants. This award recognizes physician builders who have made outstanding contributions to eStar via devising and implementing new content and tools for the system. Dr. Alrifai was recognized for his work on a neonatal sequential organ failure assessment (nSOFA) score calculator, which provides an index of how sick a patient is. Dr. Aher received his award for his work on the bariatric procedure pass, which allows teams to track surgical weight loss patients as they progress through the presurgical checklist, as well as for his work on a post-operative checklist, which ensures that teams promptly notify VUMC insurance authorization staff when retro-authorization is needed for a procedure. Drs. Aher (second from right) and Alrifai (second from left) are pictured with Adam Wright, PhD (far left), VCLIC Center Director and award sponsor, and Jonathan Wanderer (far right), MD, MPhil, Physician Builder Program Director. Their accomplishment was [recognized in the VUMC Reporter](#).

Dave Johnson, MD, Elected to Academy for Excellence in Education



Congratulations to **Dave Johnson, MD**, who was elected to the Academy for Excellence in Education, which was established in November of 2006 and is a collective of outstanding faculty educators in Vanderbilt University School of Medicine who are highly engaged in the educational mission.

Additional Accolades

- **Allison McCoy, PhD**, completed VUMC's site implementation of GUARRD-US CDS, a germline disease-risk genetic CDS VUMC is currently running.
- **Martha Shepherd, DO, MPH**, graduated from Dartmouth with her Master's of Public Health on June 11, 2021. Congratulations, Dr. Shepherd!
- **Alvin Jeffery, PhD**, co-facilitated a workshop at the [2021 Nursing Knowledge: Big Data Science](#) pre-conference titled "Data Science Hands-On."
- **Wael Alrifai, MD, MS**, received the VUMC Turners-Hazinski Award, which is two years of grant funding for the project ***Operationalizing Provider Workload Assessment in the Neonatal Intensive Care Unit.***

In The News since 4/15/21

- 4/19/2021: [Extracting accurate COVID data from scanned forms](#): **Trent Rosenbloom, MD, MPH** is a coinvestigator on this project, where the team used optical mark/character recognition software (OMR/OCR) to extract data from the scanned paper forms used for COVID patient intake.
- 5/3/21: [VUMC's Lee among group to earn Kenneth J. Arrow Award for health economics research](#): This article recognizes **Scott Lee, MD, PhD, MPA, MPhil**, professor of Medicine, who has received the Kenneth J. Arrow Award for health economics research given by the International Health Economics Association.
- 5/18/21: [Rosenbloom appointed to National Library of Medicine's Biomedical Informatics, Library and Data Sciences Review Committee](#): And this article covers **Trent Rosenbloom, MD, MPH's** appointment to the NLM BILDS review committee.

- 5/18/21: [Clinical informatics program named HIMSS Approved Education Partner](#): The Master of Science in Applied Clinical Informatics program (MSACI) was recently named an Approved Education Partner (AEP) by the Healthcare Information and Management Systems Society (HIMSS). **Scott Nelson, PharmD, MS**, is the program director for the MSACI at VUMC.
- 5/26/21: [Predicting blood clots before they happen in pediatric patients](#): **Kevin Johnson, MD, MS** is executive sponsor of AVAIL (Advanced Vanderbilt Artificial Intelligence Laboratory), which made this project possible.
- 6/3/21: [Predictive model identifies patients for genetic testing](#): This article quotes **Josh Peterson, MD, MPH**, whose Center for Precision Medicine supports several of the researchers on this project.
- 6/9/21: [Award recognizes hands-on contributions to health IT at VUMC](#): **Chetan Aher, MD**, and **Wael Alrifai, MD, MS** were announced as the inaugural winners of the VCLIC-sponsored Physician Builder Award. **Jon Wanderer, MD, MPhil**, is the director of the eStar Physician Builder Program.
- 6/16/21: [Academy for Excellence in Education elects 28 new members](#): Among these new members is VCLIC member, **Dave Johnson, MD!**

Other news outlets featuring VCLIC Members:

- 5/7/21: **Christine Smith, MD**, was interviewed for the NIH “Cancer Currents” Blog: [Brentuximab May Mean Less Radiation for Children, Teens with Hodgkin Lymphoma](#)
- 6/3/21: **Melissa McPheeters, PhD**, was quoted in *The Verge* “[The Pandemic Showed that Big Tech Isn’t a Public Health Savior](#)”

Accepted Abstracts

Alrifai W. Fetal Care – Deliver Baby’s Plan at Delivery! Epic UGM, August 2021.

Kumah-Crystal Y. Hey Epic Tell Me a Story. Epic UGM, August 2021.

McCoy A, Wright A, Patel N. Clinician Collaboration to Improve Clinical Decision Support: The Clickbusters Initiative. Epic UGM, August 2021.

Shepherd ME. A bundle of joy without the bundle of bills: Co-production of a maternity bundle for an employer-based healthcare plan. American Public Health Association Annual Meeting. October 24-27, 2021.

Carroll AR, **McCoy A**, Krehnbrink M, Starnes L, Frost PA, **Johnson DP.** “Decreasing Pre-Procedural Fasting Times in Hospitalized Children.” Presented May 2, 2021 at the Pediatric Academic Societies Annual meeting (virtual due to COVID)

Berg KJ, **Johnson DP**, Nyberg G, Ausmus A, Claeys C, Wilkinson E, Clark N. “Reducing alarm burden by promoting judicious ordering of continuous pulse oximetry.” Presented May 3, 2021 at the Pediatric Academic Societies Annual meeting (virtual due to COVID)

Conover KR, Loats B, Binkley J, **Johnson DP**, Herndon A. “Sustainable Quality Improvement Measures to Improve Nursing Presence on Pediatric Hospitalist Rounds at a Large Academic Center.” Presented May 3, 2021 at the Pediatric Academic Societies Annual meeting (virtual due to COVID)

Walls C, **Johnson DP**, Noffsinger L, Walsh M, Schmidt M, Frazier SB. Optimizing Post-Intubation Sedation in the Pediatric Emergency Department. Presented April 30, 2021 virtually at the 2021 APA Annual Conference on Advancing Quality Improvement in Healthcare.

- Project named as 1 of the 4 best abstracts at the recent Academic Pediatric Association Annual Conference on Advancing Quality Improvement in Healthcare

Editor's note: We solicited publications from members prior to receipt of AMIA acceptance notifications, so we will make sure to collect and include AMIA acceptances in our next newsletter.

Accepted Publications

May

Ayala-Lopez, N., L. Aref, J. M. Colby and **J. J. Hughey** (2020). "[A Computational Approach to Identify Interfering Medications on Urine Drug Screening Assays without Data from Confirmatory Testing.](#)" Journal of Analytical Toxicology **45**(4): 325-330.

Baker, L. X., E. Grilletta, J. P. Zwerner, A. S. Boyd and **L. Wheless** (2021). "[Clinical and Histopathologic Characteristics of Metastatic and Locally Advanced Cutaneous Basal Cell Carcinomas.](#)" The American Journal of Dermatopathology **Publish Ahead of Print.**

Bell, A., K. Babbush, A. Khan, M. Hayes, J. Connolly, F. Mentch, P. Sleiman, H. Hakonarson, E. Mukherjee, G. Hripcsak, K. Kiryluk, C. Weng, S. Cohen, **L. Wheless** and L. Petukhova (2021). "[328 Data driven approach identifies hidradenitis suppurativa subtypes in electronic health records.](#)" Journal of Investigative Dermatology. **141**: S58.

Carayon, P. and **M. E. Salwei** (2021). "[Moving toward a sociotechnical systems approach to continuous health information technology design: the path forward for improving electronic health record usability and reducing clinician burnout.](#)" Journal of the American Medical Informatics Association **28**(5): 1026-1028.

Chotai, P. N., J. Watlington, S. Lewis, T. Pyo, A. A. Abdelgawad and **E. Y. Huang** (2021). "[Pediatric Snakebites: Comparing Patients in Two Geographic Locations in the United States.](#)" Journal of Surgical Research **265**: 297-302.

Chua, I. S., M. Gaziel-Yablowitz, Z. T. Korach, K. L. Kehl, N. A. Levitan, Y. E. Arriaga, **G. P. Jackson**, D. W. Bates and M. Hassett (2021). "[Artificial intelligence in oncology: Path to implementation.](#)" Cancer Medicine **10**(12): 4138-4149.

Clark, C. R., M. J. Ommerborn, K. Moran, K. Brooks, J. Haas, D. W. Bates and **A. Wright** (2021). "[Predicting Self-Rated Health Across the Life Course: Health Equity Insights from Machine Learning Models.](#)" Journal of General Internal Medicine **36**(5): 1181-1188.

Colvin, A., E. Dabela, A. Khan, M. Hayes, J. Connolly, F. Mentch, B. Almoguera, H. Hakonarson, E. Mukherjee, G. Hripcsak, C. Weng, K. Kiryluk, **L. Wheless** and L. Petukhova (2021). "[366 Adverse reproductive outcomes among women with hidradenitis suppurativa.](#)" Journal of Investigative Dermatology **141**(5, Supplement): S64.

Ende, H. B., R. L. Dwan, R. E. Freundlich, S. Dumas, L. L. Sorabella, B. L. Raymond, M. J. Lozada, M. S. Shotwell, **J. P. Wanderer** and J. R. Bauchat (2021). "[Quantifying the incidence of clinically significant respiratory depression in women with and without obesity class III receiving neuraxial morphine for](#)

[post-cesarean analgesia: a retrospective cohort study.](#)" International Journal of Obstetric Anesthesia: 103187.

Ende, H. B., M. G. Richardson, B. M. Lopez and **J. P. Wanderer** (2021). "[Improving ACGME Compliance for Obstetric Anesthesiology Fellows Using an Automated Email Notification System.](#)" Appl Clin Inform **12**(03): 479-483.

Fan, X., J. Wynn, N. Shang, C. Liu, A. Fedotov, M. L. G. Hallquist, A. H. Buchanan, M. S. Williams, M. E. Smith, C. Hoell, L. J. Rasmussen-Torvik, **J. F. Peterson**, G. L. Wiesner, A. M. Murad, G. P. Jarvik, A. S. Gordon, E. A. Rosenthal, I. B. Stanaway, D. R. Crosslin, E. B. Larson, K. A. Leppig, N. B. Henrikson, J. L. Williams, R. Li, S. Hebring, C. Weng, Y. Shen, K. D. Crew and W. K. Chung (2021). "[Penetrance of Breast Cancer Susceptibility Genes from the eMERGE III Network.](#)" JNCI Cancer Spectrum.

France, D., P. Nath, S. Mahadevan, J. Slagle, R. Agarwal, Z. Kohutek, E. A. Gillaspie, S. Rohde, A. Choudhary, J. Harris, E. Rhodes, C. Reale, **S. Anders, L. Novak, A. Wright, R. Freundlich, K. Unertl** and M. B. Weinger (2021). "[Using Fitbit data to predict clinical deterioration and unplanned treatment events in cancer outpatients.](#)" Journal of Clinical Oncology **39**(15_suppl): e13560-e13560.

Graves, J., S. Garbett, Z. Zhou, J. S. Schildcrout and **J. Peterson** (2021). "[Comparison of Decision Modeling Approaches for Health Technology and Policy Evaluation.](#)" Medical Decision Making **41**(4): 453-464.

Gregory, J. M., J. C. Slaughter, S. H. Duffus, T. J. Smith, L. M. LeSturgeon, S. S. Jaser, **A. B. McCoy**, J. M. Luther, E. R. Giovannetti, S. Boeder, J. H. Pettus and D. J. Moore (2021). "[Response to Comment on Gregory et al. COVID-19 Severity Is Tripled in the Diabetes Community: A Prospective Analysis of the Pandemic's Impact in Type 1 and Type 2 Diabetes. Diabetes Care 2021;44:526-532.](#)" Diabetes Care **44**(5): e103.

Groisser, A. R., H. Reyes Nieva, E. Ruan, **A. Wright** and G. D. Schiff (2021). "[Terminations in Primary Care: a Retrospective Observational Study of 16 Primary Care Clinics.](#)" Journal of General Internal Medicine.

Gulati, S., S. Shah, A. Kulkarni, A. Desai, J. Fu, R. Zon, V. Kumar, C.-Y. Hsu, C. Hwang, D. B. Doroshov, I. Akpan, J. Girard, P. P. Yu, R. R. McKay, Z. Bakouny, J. Connors, D. P. Shah, **J. L. Warner**, R. P. G. Rosovsky and P. Grivas (2021). "[Thrombotic complications with SARS-CoV-2 infection in patients with cancer on high-risk therapies: Data from the COVID-19 and Cancer Consortium \(CCC19\).](#)" Journal of Clinical Oncology **39**(15_suppl): e18788-e18788.

Gusdorf, R. E., K. P. Shah, A. J. Triana, **A. B. McCoy**, B. Pabla, E. Scoville, R. Dalal, D. B. Beaulieu, D. A. Schwartz, **S. N. Horst** and M. L. Griffith (2021). "[A patient education intervention improved rates of successful video visits during rapid implementation of telehealth.](#)" Journal of Telemedicine and Telecare **0**(0): 1357633X211008786.

Jeffery, A. D. (2021). "[Can artificial intelligence and machine learning help us treat sepsis?](#)" Intensive and Critical Care Nursing **65**: 103043.

Khan, A., C. P. Lu, M. Hayes, J. Connolly, F. Mentch, P. Sleiman, H. Hakonarson, E. Mukherjee, C. Weng, G. Hripcsak, K. Kiryluk, **L. Wheless** and L. Petukhova (2021). "[171 Hidradenitis suppurativa genome-wide association study.](#)" Journal of Investigative Dermatology **141**(5, Supplement): S30.

Korde, L. A., A. F. Best, S. Gnjatic, A. M. Denicoff, G. E. Mishkin, M. Bowman, L. Harris, A. M. Geiger, W. J. McCaskill-Stevens, S. J. Chanock, P. Spears, L. Rubinstein, N. M. Mark, **J. L. Warner**, C. J. Allegra, A. J. Esbenshade, M. V. Knopp, J. H. Doroshov, B. I. Rini and N. S. Team (2021). "[Initial reporting from the](#)

[prospective National Cancer Institute \(NCI\) COVID-19 in Cancer Patients Study \(NCCAPS\).](#)" Journal of Clinical Oncology **39**(15_suppl): 6565-6565.

Lavery, J. A., S. Brown, G. J. Riely, P. L. Bedard, B. H. Park, **J. L. Warner**, K. L. Kehl, E. M. Lepisto, H. Rizvi, M. LeNoue-Newton, C. G. McCarthy, C. Yu, R. Kundra, B. Mastrogiacomo, N. Schultz, J. E. Rudolph, S. Sweeney, D. Schrag, K. Panageas and A. G. Consortium (2021). "[Pan-cancer evaluation of homologous repair deficiency somatic mutations and response to first-line anti-neoplastic therapy.](#)" Journal of Clinical Oncology **39**(15_suppl): 10535-10535.

Lewis, J. A., L. B. Spalluto, C. I. Henschke, D. F. Yankelevitz, S. M. Aguayo, P. Morales, R. Avila, C. M. Audet, B. Prusaczyk, C. J. Lindsell, C. Callaway-Lane, R. S. Dittus, T. J. Vogus, P. P. Massion, H. M. Limper, **S. Kripalani**, D. Moghanaki and C. L. Roumie (2021). "[Protocol to evaluate an enterprise-wide initiative to increase access to lung cancer screening in the Veterans Health Administration.](#)" Clinical Imaging **73**: 151-161.

Lewis, J. D., R. Sandler, C. Brotherton, C. Brensinger, H. Li, M. D. Kappelman, S. G. Daniel, K. Bittinger, L. Albenberg, J. F. Valentine, J. Hanson, D. Suskind, A. Meyer, C. W. Compher, M. Bewtra, A. Saxena, A. Dobes, B. Cohen, A. D. Flynn, M. Fischer, S. Saha, A. Swaminath, B. Yacyshyn, E. Scherl, **S. Horst**, J. R. Curtis, K. Braly, L. Nessel, M. McCauley, L. McKeever and H. Herfarth (2021). "[A Randomized Trial Comparing the Specific Carbohydrate Diet to a Mediterranean Diet in Adults with Crohn's Disease.](#)" Gastroenterology.

Linder, J. E., L. Bastarache, **J. J. Hughey** and **J. F. Peterson** (2021). "[The Role of Electronic Health Records in Advancing Genomic Medicine.](#)" Annual Review of Genomics and Human Genetics **22**(1): null.

Loggers, E. T., E. M. Wulff-Burchfield, I. M. Subbiah, A. R. Khaki, P. Egan, D. Farmakiotis, H. Phull, E. Nakasone, C. Labaki, P. P. Yu, M. Joshi, E. A. Griffiths, T. M. Wise-Draper, C. Jani, A. Thakkar, M. Puc, C. Hwang, B. H. Mavromatis, D. P. Shah and **J. L. Warner** (2021). "[Code status and outcomes in patients with cancer and COVID-19: A COVID-19 and cancer consortium \(CCC19\) registry analysis.](#)" Journal of Clinical Oncology **39**(15_suppl): 12035-12035.

Lythgoe, M., J. Krell, **J. L. Warner**, A. Desai and A. R. Khaki (2021). "[Time intervals between U.S. Food and Drug Administration \(FDA\) and European Medicines Agency \(EMA\) new cancer therapy approvals.](#)" Journal of Clinical Oncology **39**(15_suppl): 1575-1575.

Martinez, W., A. J. Hackstadt, G. B. Hickson, **S. T. Rosenbloom** and T. A. Elasy (2021). "[Evaluation of the My Diabetes Care Patient Portal Intervention: Protocol for a Pilot Randomized Controlled Trial.](#)" JMIR Res Protoc **10**(5): e25955.

Nagaraj, G., M. K. Accordino, B. French, N. M. Kuderer, G. H. Lyman, D. G. Stover, V. S. Blinder, A. L. Schmidt, R. A. Shatsky, P. Grover, M. Puc, C. Hwang, E. M. Wulff-Burchfield, M. A. Lewis, A. G. Menendez, M. A. Bilen, **J. L. Warner**, M. B. Lustberg and D. P. Shah (2021). "[Racial and ethnic disparities among patients with breast cancer and COVID-19.](#)" Journal of Clinical Oncology **39**(15_suppl): 6500-6500.

Rahman, P., M. LeNoue-Newton, S. Chaugai, M. Holt, N. M. Jain, C. Maxwell, C. Micheel, Y. J. Yang, C. Ye, N. Schultz, G. J. Riely, C. G. McCarthy, H. Rizvi, D. Schrag, K. L. Kehl, E. M. Lepisto, C. Yu, P. L. Bedard, D. Fabbri and **J. L. Warner** (2021). "[Clinical and genomic predictors of brain metastases \(BM\) in non-small cell lung cancer \(NSCLC\): An AACR Project GENIE analysis.](#)" Journal of Clinical Oncology **39**(15_suppl): 2032-2032.

Riaz, I. B., M. Islam, A. M. Khan, S. A. A. Naqvi, R. Siddiqi, S. A. Hussain, P. Singh, **J. L. Warner**, G. P. Sonpavde, N. Duma and A. H. Bryce (2021). "[Disparities in reporting and representation of women, older adults and racial minorities in immune checkpoint inhibitor \(ICI\) clinical trials.](#)" Journal of Clinical Oncology **39**(15_suppl): 6549-6549.

Riaz, I. B., R. Siddiqi, M. Islam, H. He, A. Riaz, N. Asghar, S. A. A. Naqvi, **J. L. Warner**, M. H. Murad and M. Kohli (2021). "[Adjuvant Tyrosine Kinase Inhibitors in Renal Cell Carcinoma: A Concluded Living Systematic Review and Meta-Analysis.](#)" JCO Clinical Cancer Informatics(5): 588-599.

Sandler, K. L., D. N. Haddad, A. B. Paulson, **T. J. Osterman**, C. C. Scott, E. A. Poulos and S. A. Deppen (2021). "[Women screened for breast cancer are dying from lung cancer: An opportunity to improve lung cancer screening in a mammography population.](#)" Journal of Medical Screening **0**(0): [09691413211013058](#).

Schmidt, A. L., Z. Bakouny, C. Labaki, B. Bashir, J. M. Clement, N. C. Edwin, D. B. Flora, J. Girard, S. Gulati, C. Hwang, C. Jani, G. Lopes, R. A. Mesa, G. Redelman-Sidi, S. Mishra, **J. L. Warner** and T. K. Choueiri (2021). "[Effect of Bacillus Calmette-Guerin \(BCG\) exposure on severity of COVID-19 infection: A COVID-19 and Cancer Consortium \(CCC19\) study.](#)" Journal of Clinical Oncology **39**(15_suppl): 4529-4529.

Schneider, T. M., M. T. Eadon, R. M. Cooper-DeHoff, K. L. Cavanaugh, K. A. Nguyen, M. J. Arwood, E. M. Tillman, V. M. Pratt, P. R. Dexter, **A. B. McCoy**, L. A. Orlando, S. A. Scott, G. N. Nadkarni, C. R. Horowitz and J. L. Kannry (2021). "[Multi-Institutional Implementation of Clinical Decision Support for APOL1, NAT2, and YEATS4 Genotyping in Antihypertensive Management.](#)" Journal of Personalized Medicine **11**(6): 480.

Schultz, M. A., R. L. Walden, K. Cato, C. P. Coviak, C. Cruz, F. D'Agostino, B. J. Douthit, T. Forbes, G. Gao, M. A. Lee, D. Lekan, A. Wieben and **A. D. Jeffery** (2021). "[Data Science Methods for Nursing-Relevant Patient Outcomes and Clinical Processes: The 2019 Literature Year in Review.](#)" CIN: Computers, Informatics, Nursing **Publish Ahead of Print**.

Semanik, M. G., P. C. Kleinschmidt, **A. Wright**, D. L. Willett, S. M. Dean, S. N. Saleh, Z. Co, E. Sampene and J. R. Buchanan (2021). "[Impact of a problem-oriented view on clinical data retrieval.](#)" Journal of the American Medical Informatics Association **28**(5): 899-906.

Shah, D. P., P. Shah, A. L. Schmidt, Z. Bakouny, D. Farmakiotis, M. Abidi, S. M. Rubinstein, C. J. Figueroa, C. Labaki, C. R. Friese, J. Rathmann, C. Hwang, R. R. McKay, C. Park, M. Puc, G. Nagaraj, B. French, **J. L. Warner** and S. Shete (2021). "[Lower respiratory tract disease \(LRTD\) in patients with cancer and COVID-19: A COVID-19 and Cancer Consortium \(CCC19\) study.](#)" Journal of Clinical Oncology **39**(15_suppl): 6563-6563.

Sun, L., **J. L. Warner** and R. B. Parikh (2021). "[Immune Responses to SARS-CoV-2 Among Patients With Cancer: What Can Seropositivity Tell Us?](#)" JAMA Oncology.

Wang, S., H. Huang, B. Kolt, **G. Jackson** and A. Preininger (2021). "[NEW-ONSET ATRIAL FIBRILLATION DURING HOSPITALIZATION FOR COVID-19 PATIENTS WITHOUT PREEXISTING CARDIOVASCULAR DISEASE.](#)" Journal of the American College of Cardiology **77**(18_Supplement_1): 3114-3114.

Wheless, L., L. Edwards, A. M. Hanlon and M. Chren (2021). "[303 No difference in skin cancer rates by transplanted organ type after the initial skin cancer.](#)" Journal of Investigative Dermatology **141**(5, Supplement): S53.

June

Birkelo, B. C., **S. K. Parr**, A. M. Perkins, R. A. Greevy, A. M. Hung, S. C. Shah, J. P. Arroyo, J. Denton, A. J. Vincz, M. E. Matheny and E. D. Siew (2021). "[Comparison of COVID-19 versus influenza on the incidence, features, and recovery from acute kidney injury in hospitalized United States Veterans.](#)" *Kidney International*.

Brown, C. M., **D. J. Williams**, M. Hall, K. L. Freundlich, **D. P. Johnson**, C. Lind, K. Rehm, P. A. Frost, S. K. Doupnik, D. Ibrahim, S. Patrick, L. M. Howard and J. C. Gay (2021). "[Trends in Length of Stay and Readmissions in Children's Hospitals.](#)" *Hospital Pediatrics* **11**(6): 554.

Dalton, E. M., A. C. Herndon, A. Cundiff, D. C. Fuchs, S. Hart, A. Hughie, H. L. Kreth, K. Morgan, A. Ried, **D. J. Williams** and **D. P. Johnson** (2021). "[Decreasing the Use of Restraints on Children Admitted for Behavioral Health Conditions.](#)" *Pediatrics*: e2020003939.

Goldberg, V. L. Roger, R. Hess, C. P. Benziger, P. Farrehi, L. Zhou, **S. Kripalani**, D. E. Ford, K. Haynes, J. J. VanWormer, K. U. Knowlton, J. L. Kraschnewski, T. S. Polonsky, D. J. Fintel, F. S. Ahmad, J. C. McClay, J. R. Campbell, D. S. Bell, G. C. Fonarow, S. M. Bradley, A. Paranjape, M. T. Roe, H. R. Robertson, L. H. Curtis, A. G. Sharlow, L. G. Berdan, B. G. Hammill, D. F. Harris, L. G. Qualls, G. Marquis-Gravel, M. F. Modrow, G. M. Marcus, T. W. Carton, E. Nauman, L. R. Waitman, A. N. Kho, E. A. Shenkman, K. M. McTigue, R. Kaushal, F. A. Masoudi, E. M. Antman, D. R. Davidson, K. Edgley, J. G. Merritt, L. S. Brown, D. N. Zemon, T. E. McCormick, J. D. Alikhaani, K. C. Gregoire, R. L. Rothman, R. A. Harrington, et al. (2021). "[Comparative Effectiveness of Aspirin Dosing in Cardiovascular Disease.](#)" *New England Journal of Medicine* **384**(21): 1981-1990.

Li, G., **R. E. Freundlich**, R. K. Gupta, C. J. Hayhurst, C. H. Le, B. J. Martin, M. S. Shotwell and **J. P. Wanderer** (2021). "[Postoperative Pulmonary Complications' Association with Sugammadex versus Neostigmine: A Retrospective Registry Analysis.](#)" *Anesthesiology* **134**(6): 862-873.

M, S.-L., H. Huang, **G. P. Jackson** and S. Wang (2021). "[PIN81 Towards a Better Understanding of COVID-19 Among Young Adults Ages 18-24.](#)" *Value in Health* **24**: S121.

Moore-Lotridge, S. N., R. Ihejirika, B. H. Y. Gibson, S. L. Posey, N. A. Mignemi, H. A. Cole, G. D. Hawley, S. Uppuganti, J. S. Nyman and J. G. Schoenecker (2021). "[Severe injury-induced osteoporosis and skeletal muscle mineralization: Are these related complications?](#)" *Bone Reports* **14**: 100743.

Nelson, L. A., S. E. Williamson, L. M. LeSturgeon and L. S. Mayberry (2021). "[Retaining diverse adults with diabetes in a long-term trial: Strategies, successes, and lessons learned.](#)" *Contemporary Clinical Trials* **105**: 106388.

Novak, L. L., J. W. Harris, T. Y. Koonce and **K. B. Johnson** (2021). "[Design thinking in applied informatics: what can we learn from Project HealthDesign?](#)" *Journal of the American Medical Informatics Association*.

Rizvi, R. F., K. J. T. Craig, R. Hekmat, F. Reyes, B. South, B. Rosario, W. J. Kassler and **G. P. Jackson** (2021). "[Effectiveness of non-pharmaceutical interventions related to social distancing on respiratory viral infectious disease outcomes: A rapid evidence-based review and meta-analysis.](#)" *SAGE Open Medicine* **9**: 20503121211022973.

Rosario, B. L., H. Huang, **G. P. Jackson**, B. Kolt and S. Wang (2021). "[PMH24 Demographic and Clinical Factors Associated with Post Traumatic Stress Disorder \(PTSD\) during the COVID-19 Pandemic.](#)" *Value in Health* **24**: S132.

Shakshouk, H., **E. R. Tkaczyk**, E. W. Cowen, R. A. el-Azhary, S. K. Hashmi, S. J. Kenderian and J. S. Lehman (2021). "[Methods to assess disease activity and severity in cutaneous chronic graft-versus-host disease: a critical literature review.](#)" *Transplantation and Cellular Therapy*.

Siew, E. D., **S. K. Parr**, K. Abdel-Kader, A. M. Perkins, R. A. Greevy, A. J. Vincz, J. Denton, O. D. Wilson, A. M. Hung, T. A. Ikizler, C. Robinson-Cohen and M. E. Matheny (2021). "[Renin-angiotensin aldosterone inhibitor use at hospital discharge among patients with moderate to severe acute kidney injury and its association with recurrent acute kidney injury and mortality.](#)" *Kidney International* **99**(5): 1202-1212.

Stallings, C., Y. Zhu, C. G. Grijalva, K. Edwards, W. H. Self and **D. J. Williams** (2021). "[Prevalence and Quantification of Secondhand Smoke Exposure Among Hospitalized Children 6 Years of Age.](#)" *Hospital Pediatrics* **11**(6): 622.

Stolldorf, D. P., S. H. Ridner, T. J. Vogus, C. L. Roumie, J. L. Schnipper, M. S. Dietrich, D. G. Schlundt and **S. Kripalani** (2021). "[Implementation strategies in the context of medication reconciliation: a qualitative study.](#)" *Implementation Science Communications* **2**(1): 63.

Stubblefield, W. B., H. K. Talbot, L. R. Feldstein, M. W. Tenforde, M. A. Ur Rasheed, L. Mills, S. N. Lester, B. Freeman, N. J. Thornburg, I. D. Jones, **M. J. Ward**, C. J. Lindsell, A. Baughman, N. Halasa, C. G. Grijalva, T. W. Rice, M. M. Patel, W. H. Self and f. t. I. V. E. i. t. C. I. Investigators (2020). "[Seroprevalence of SARS-CoV-2 Among Frontline Healthcare Personnel During the First Month of Caring for Patients With COVID-19—Nashville, Tennessee.](#)" *Clinical Infectious Diseases* **72**(9): 1645-1648.

Syrowatka, A., M. Kuznetsova, A. Alsubai, A. L. Beckman, P. A. Bain, K. J. T. Craig, J. Hu, **G. P. Jackson**, K. Rhee and D. W. Bates (2021). "[Leveraging artificial intelligence for pandemic preparedness and response: a scoping review to identify key use cases.](#)" *npj Digital Medicine* **4**(1): 96.

Thompson, M. A., J. P. Henderson, P. K. Shah, S. M. Rubinstein, M. J. Joyner, T. K. Choueiri, D. B. Flora, E. A. Griffiths, A. P. Gulati, C. Hwang, V. S. Koshkin, E. B. Papadopoulos, E. V. Robilotti, C. T. Su, E. M. Wulff-Burchfield, Z. Xie, P. P. Yu, S. Mishra, J. W. Senefeld, D. P. Shah, **J. L. Warner**, COVID-19 and C. Consortium (2021). "[Association of Convalescent Plasma Therapy With Survival in Patients With Hematologic Cancers and COVID-19.](#)" *JAMA Oncology*.

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!