

Joshua R. Vest, PhD, MPH

Curriculum Vitae

Department of Health Policy & Management
Richard M. Fairbanks School of Public Health
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EDUCATION

- 2010 Ph.D. in Health Services Research
 Texas A&M Health Science Center School of Rural Public Health,
 Department of Health Policy & Management
 Concentration: Organizational Theory
- 2001 Master of Public Health
 Saint Louis University, School of Public Health
 Concentration: Epidemiology
- 1999 Bachelor of Science & Bachelor of Arts
 Truman State University
 Major: Biology

POSITIONS HELD

- 2024-present Associate Dean for Research, Indiana University Richard M. Fairbanks School of Public Health at Indiana University - Indianapolis, Indianapolis, IN
- 2024-present Adjunct Professor of Emergency Medicine, Indiana University School of Medicine, Indianapolis, IN
- 2020-present Professor, Department of Health Policy & Management, Indiana University Richard M. Fairbanks School of Public Health at Indiana University - Indianapolis, Indianapolis, IN
- 2019-present Vice Chair, Department of Health Policy & Management, Indiana University Richard M. Fairbanks School of Public Health at Indiana University - Indianapolis, Indianapolis, IN
- 2016-2024 Director, Center for Health Policy, Indiana University Richard M. Fairbanks School of Public Health at Indiana University - Indianapolis, Indianapolis, IN
- 2015-present Research Scientist, Regenstrief Institute, Inc Indianapolis, IN
- 2015-2020 Associate Professor, Department of Health Policy & Management, Indiana University Richard M. Fairbanks School of Public Health at Indiana University - Indianapolis, Indianapolis, IN
- 2012-2015 Assistant Professor, Department of Healthcare Policy and Research (formerly Department of Public Health), Weill Cornell Medical College, New York, NY
- 2010-2012 Assistant Professor, Jiann-Ping Hsu College of Public Health, Georgia Southern University, Health Policy & Management, Statesboro, GA
- 2007-2010 Project Coordinator for Center for Health Organization Transformation: a National Science Foundation Industry/University Cooperative Research Center, TAMHSC School of Rural Public Health, College Station, TX
- 2002-2007 Lead Epidemiologist, Austin / Travis County Health & Human Services Department, Austin, TX
- 2001-2002 Research Specialist IV, Texas Department of State Health Services, Austin, TX

AWARDS & HONORS

- 2023 Research Award – Richard M Fairbanks School of Public Health
- 2022 Fellow of the American College of Medical Informatics
- 2022-2023 IUPUI Favorite Professor
- 2021 Regenstrief Institute Outstanding Investigator Award – Center for Biomedical Informatics
- 2019 CAHME/Wharton Research Data Services Best Paper for Empirical Research
(Vest JR, Harris LE, Haut DP, Halverson PK, Menachemi N. Health Affairs. 2018)
- 2019 Second place - Morris Kahn & Maccabi Hackathon, Israel - Better interpretation of individual congestive heart failure risk
(Apathy, Roberts, Vest)
- 2019 Third place – AHIMA19 Pitch Competition (Kasthurirathne, Vest, Halverson, Menachemi, Grannis)
- 2018 First place - the Inaugural Indiana Inject Tech Challenge (Biocrossroads) for new disruptive solutions designed to improve patient outcomes (Vest, Halverson, Menachemi, Grannis, Kasthurirathne)
- 2018 First place – AMIA Pitch IT Competition (Vest, Halverson, Menachemi, Grannis, Kasthurirathne)
- 2018 Regenstrief Institute Outstanding Investigator Award – Center for Biomedical Informatics
- 2013 The Homer R. Warner Award for best paper describing approaches to improving computerized information acquisition, knowledge data acquisition & management, and experimental results at American Medical Informatics Association Conference
- 2010 Texas A&M Health Science Center SRPH Award for Excellence in Research
- 2010 *Delta Omega* national public health honor society
- 2008 Healthcare Information & Management Systems Society (HIMSS) PhD Scholarship

INVITED PRESENTATIONS & LECTURES

- 2024 University of Florida. College of Public Health & School of Medicine. Epidemiology Seminar Series. “Comparison of methods to measure health-related social needs.” Gainesville, FL. Oct 2.
- 2023 Chung-Ang University. Critique of Marketization & Financialization of Elder Care. “End user information needs and design requirements to support transitions from acute care to skill nursing facilities.” Seoul, South Korea. May 11.
- 2022 National Institute for Nursing Research. 2002 National Nursing Research Roundtable Meeting. “Measuring patients' social risk factors during ED visits: considerations and applications.” March 4.
- 2022 Weill Cornell Medical College. Health Policy & Economics Work in Progress Seminar. “Assessment of structured data elements for use in social risk factor computable phenotyping.” February 10.
- 2021 University of Florida. College of Medicine, Health Outcomes & Biomedical Informatics. “Assessment of structured data elements for use in social risk factor computable phenotyping.” October 11.
- 2020 Finger Lakes Data Conference. “Applications of data in health care.” Rochester, NY. November 10.
- 2020 Community Health Care Association of New York State. “Leveraging Health Information Exchange.” New York, NY. January 29.
- 2019 University of Texas at Austin, Dell Medical School. Health Informatics Grand Rounds. “Informatics @ Regenstrief: Ongoing and emerging innovative solution.” Austin, TX. February 22.
- 2018 Indiana University. School of Public and Environmental Affairs Health Policy Workshop. “Pushing and pulling health information.” Bloomington, IN. April 13.
- 2017 Ono Academic College. National Health Record System: local and global challenges and opportunities. “Lessons learned from Implementing HIE in the US.” Tel Aviv, Israel. September 5.
- 2016 National Institute for Health Research. Collaboration for Leadership in Applied Health Research and Care West CLAHSC & SPHERE, University of Bristol. “My patient is where? Automatically notifying providers of patients' hospitalizations and emergency department visits: fit within the organization and impact.” Bristol, United Kingdom. May 25-26.
- 2016 Collegium de Lyon. Organiser & Partager l'information en santé: Le cas des données sur le patient. “Health information exchange: the US perspective.” Lyon, France. February 4.
- 2013 Pediatric Grand Rounds Series, Department of Pediatrics at New York Presbyterian-Weill Cornell. “Health information exchange in New York State: using information to change cost and quality”. New York, NY. November 12.

- 2013 Lister Hill Health Policy Seminar Series, University of Alabama-Birmingham. "Health information exchange and emergency department admissions: experiences from a NY Regional Health Information Organization evaluation". Birmingham, AL September 11.
- 2013 Rochester Regional Health Information Organization 2013 Annual Meeting. "Evaluation of the Rochester RHIO's Virtual Health Record. Findings from HEAL NY Phase 5". Rochester, NY April 27.

PEER-REVIEWED PUBLICATIONS

1. **Vest JR**, Wu W, Gregory ME, Kasturi SN, Mendonca EA, Bian J, Magoc T, Grannis S, McNamee C, Harle CA. Performance of 4 methods to assess health-related social needs. *JAMA Network Open*. 8(8):e2527426; 2025. doi.org/jamanetworkopen.2025.27426.
2. Mazurenko O, Harle CA, Musey P, Schleyer T, Sanner L, **Vest JR**. Integrating a risk prediction score in a clinical decision support to identify patients with health-related social needs in the emergency department. *JAMIA Open*. 8(4): ooaf060; 2025. doi:10.1093/jamiaopen/ooaf060. PMID: PMC12233013.
3. Mazurenko O, Apathy NC, Sanner L, McCord E, Adams MCB, Hurley RW, Grout RW, Mamlin BW, Fortin S, Blackburn J, Menachemi N, **Vest JR**, Gurka M, Harle CA. A Special Issue on CDS Failures: Learning from Misses: Evaluating a Clinical Decision Support for Chronic Pain Management in Primary Care. *Applied Clinical Informatics*. *In press*.
4. Kampman H†, Ben-Assuli O, **Vest JR**. Modeling patients' progression through health-related social needs. *Applied Clinical Informatics*. *In press*.
5. Gregory ME, Kasturi SN, Majoc T, McNamee C, Harle CA, **Vest JR**. Development and validation of computable social phenotypes for health-related social needs. *JAMIA Open*. 8(1): ooae150; 2025. doi: 10.1093/jamiaopen/ooae150. PMID: PMC11706536.
6. Mazurenko O, Hirsh A, Harle CA, Shen J, McNamee C, **Vest JR**. Comparing the performance of screening surveys versus predictive models in identifying patients in need of health-related social need services in the emergency department. *PLoS ONE*. 19(11): e0312193; 2024. doi.org/10.1371/journal.pone.0312193. PMID: PMC11578524.
7. **Vest JR**, Harle CA, Blackburn J. Performance of two-stage health-related social needs screening using area-level measures. *American Journal of Managed Care*. *In press*.
8. Mazurenko O, Harle CA, Blackburn J, Menachemi N, Hirsh A, Grannis S, Boustani M, Musey P, Schleyer T, Sanner L, **Vest JR**. Effectiveness of a clinical decision support system with prediction modeling to identify patients with health-related social needs in the emergency department: Study protocol. *PLoS ONE*. 20(5): e0323094; 2025. doi.org/10.1371/journal.pone.0323094. Clinicaltrials.gov NCT06655974
9. Cuadros P†, McCord E†, McDonnell C, Apathy N, Sanner L, Adams M, Mamlin B, **Vest JR**, Hurley R, Harle CA, Mazurenko O. Barriers, Facilitators, and Recommendations to Increasing the Use of a Clinical Decision Support Tool for Managing Chronic Pain in Primary Care. *International Journal of Medical Informatics*. 192; 2024. doi.org/10.1016/j.ijmedinf.2024.105649. PMID: PMC11575684.
10. Pettit N, Lane KA, Gibbs L, Musey PI Jr, Li X, **Vest JR**. Concordance between electronic health record-recorded race/ethnicity and patient report in emergency department patients. *Annals of Emergency Medicine*. 84(2):111-117; 2024. doi: 10.1016/j.annemergmed.2024.03.025. PMID: 38691067.
11. **Vest JR**, Mendonca EA. Presence of children in household is associated with increased health-related social need burden. *Pediatrics OpenScience*. *In press*. doi.org/10.1542/pedsos.2024-000165.
12. Mazurenko O, Hirsh A, Harle CA, McNamee C, **Vest JR**. A Clinical Decision Support System for Addressing Health-Related Social Needs in Emergency Department: Defining End User Needs and Preferences. *Applied Clinical Informatics*. 15(5): 1097-1106; 2024. doi.org/10.1055/s-0044-1791816. PMID: PMC11655153.
13. **Vest JR**, McNamee C, Musey PI. Assessment of structured data elements for social risk factors. *American Journal of Managed Care*. 28(1):e14–e23; 2022. PMID: 35049262 (pre-print version 10.1101/2023.10.17.23297142).
14. **Vest JR**, Wu W, Conner K. Clusters of health-related social needs among adult primary care patients. *Journal of the American Board of Family Medicine*. *In press*.
15. Burns A†, **Vest JR**, Menachemi N, Mazurenko O, Musey P, Salyers M, Yeager VA. Changes in emergency department utilization associated with behavioral health crisis care availability. *Health Services Research*. 60(2):e14368; 2025. doi: 10.1111/1475-6773.14368. PMID: PMC11911218.

16. Burns A†, **Vest JR**, Menachemi N, Mazurenko O, Salyers MP, Yeager VA. Market Factors Associated with Comprehensive Behavioral Health Crisis Care Availability: A Resource Dependence Theory Study. *Inquiry*. 61:469580241256822; 2024. doi: 10.1177/00469580241256822. PMCID: PMC11159547.
17. Brumitt GM†, Mazurenko O, Blackburn J, Menachemi N, **Vest JR**. The relationship between home health agencies' financial performance and quality of care. *Home Health Care Management & Practice*. 2024. doi:10.1177/10848223241268581.
18. Wiley KK†, Blackburn J, Mendonca E, De Groot M, Menachemi N, **Vest JR**. Associations Between Patient Portal Use and Electronic Health Record (EHR) Data Timeliness in Type 2 Diabetes mellitus care. *Journal of Diabetes & Metabolic Disorders*. 23(2): 2073-2080; 2024. doi: 10.1007/s40200-024-01468-6. PMCID: PMC11599696.
19. Burns A†, Yeager VA, **Vest JR**, Harle CA, Madsen ER, Cronin CE, Singh S, Franz B. New insights about community benefit evaluation: Using the Community Health Implementation Evaluation Framework to assess what hospitals are measuring. *Health Care Management Review*. 49(3):229-238; 2024. doi: 10.1097/HMR.0000000000000408. PMID: 38775754.
20. Gupta AK, Kasthurirathne SN, XU H, LI X, Rupper MM, **Vest JR**, Grannis SJ. Manual evaluation of record linkage algorithm performance in four real-world datasets. *Applied Clinical Informatics*. 15(3):620-628; 2024. doi: 10.1055/a-2291-1391. PMCID: PMC11290950.
21. Mazurenko O, Hirsh AT, Harle CA, McNamee C, **Vest JR**. Acceptance of automated social risk scoring in the emergency department: providers, staff, and patient perspectives. *Western Journal of Emergency Medicine*. 25(4):614-623; 2024. doi: 10.5811/westjem.18577. PMCID: PMC11254143.
22. Mazurenko O, Hirsh AT, Harle CA, McNamee C, **Vest JR**. Health-related social needs information in the emergency department: clinician and patient perspectives on availability and use. *BMC Emergency Medicine*. 24(45);2024. doi: 10.1186/s12873-024-00959-2. PMCID: PMC10949703.
23. **Vest JR**, Hinrichs R, Hosler H. How legal problems are conceptualized and measured in health care settings: a systematic review. *Health & Justice*. 11(1):48; 2023. doi: 10.1186/s40352-023-00246-5. PMCID: PMC10656991.
24. Wiley K†, Blackburn J, Mendonca E, Menachemi N, De Groot M, **Vest JR**. Associations between Outpatient Laboratory Test Age and Healthcare Utilization in Type 2 Diabetes Care. *J Diabetes Metab Disord*. 22(2):1319-1326; 2023. doi: 10.1007/s40200-023-01250-0. PMCID: PMC10638224.
25. Mazurenko O, McCord E, McDonnell C, Apathy NC, Sanner L, Adams MCB, Mamlin BW, **Vest JR**, Hurley RW, Harle CA. Examining primary care provider experiences with using a clinical decision support tool for pain management. *JAMIA Open*. 6(3):ooad063; 2023. doi: 10.1093/jamiaopen/ooad063. PMCID: PMC10412405.
26. Harle CA, Wu W, **Vest JR**. Accuracy of food insecurity, housing instability, & financial strain screening in adult primary care. *Journal of the American Medical Association*. 329(5):423-424; 2023. doi: 10.1001/jama.2022.23631. PMID: 36749341.
27. **Vest JR**, Evans R, Drew K, Unroe KT. Information needs and design requirements for an application supporting safe transitions into SNFs. *Journal of the American Medical Directors Association*. 25(4):650-652; 2024; doi: 10.1016/j.jamda.2023.07.027. PMID: 37709262.
28. **Vest JR**, Mazurenko O. Non-response Bias in Social Risk Factor Screening Among Adult Emergency Department Patients. *Journal of Medical Systems*. 47(1):78; 2023. doi: 10.1007/s10916-023-01975-8. PMCID: PMC10439727.
29. Magoc T, Allen KS†, McDonnell C, Russo JP, Cummins J, **Vest JR**, Harle CA. Generalizability and portability of natural language processing system to extract individual social risk factors. *International Journal of Medical Informatics*. 177:105115; 2023. doi: 10.1016/j.ijmedinf.2023.105115. PMCID: PMC11164320.
30. Allen KS†, Hood D, Cummins J, Kasturi S, Mendonca EA, **Vest JR**. Natural Language Processing-driven State Machines to Extract Social Factors from Unstructured Clinical Documentation. *JAMIA Open*. 6(2):ooad024; 2023. doi: 10.1093/jamiaopen/ooad024. PMCID: PMC10112959
31. Rivera RL, Hosler H, Jang JH, Schaffer J, Price J, **Vest JR**, Schleyer TKL. Directly Integrating Health Information Exchange Data with the Electronic Health Record Increases HIE Use by Emergency Department Clinicians. *Applied Clinical Informatics Open*. 7(2):e49-e60; 2023. doi: 10.1055/s-0043-1772583
32. Brumitt G†, Evans V†, **Vest JR**. Galvanized By COVID, "Telemedicine" Grew Exponentially as Did "Remote Care" Medical Services: A Study of Remote Care Services Costing for Oxygen Monitoring Illustrates Challenges, Benefits and Future Potentials of Comprehensive "Remote Care". *Journal of Health Care Finance*. 49(1): 1-16; 2023.

33. Burns A†, Menachemi N, Yeager VA, **Vest JR**, Mazurenko O. Adoption of behavioral health crisis care best practices by mental health treatment facilities in the US. *Psychiatric Services*. 74(9):929-935; 2023. doi: 10.1176/appi.ps.20220427. PMCID: PMC10565906.
34. Apathy NC, Sanner L, Adams MCB, Mamlin BW, Grout RW, Fortin S, Hillstrom J, Saha S, Teal E, **Vest JR**, Menachemi N, Hurley RW, Harle CA, Mazurenko O. Assessing the use of a clinical decision support tool for pain management in primary care. *JAMIA Open*. 5(3): ooac074; 2022. doi: 10.1093/jamiaopen/ooac074. PMCID: PMC9476612.
35. **Vest JR**, Cash-Goldwasser S, Peter Bergquist E, Embi PJ, Caine V, Halverson PK. Indoor public mask-wearing behaviors in response to national, state, and local COVID-19 policies. *Journal of Public Health Management & Practice*. 28(3):292-298; 2022. doi: 10.1097/PHH.0000000000001467. PMCID: PMC8963438.
36. Ben-Assuli O, **Vest JR**. Return visits to the emergency department: an analysis using group based curve models. *Health Informatics Journal*. 28(2):1-22; 2022. doi: 10.1177/1460458222110544. PMID: 35676746.
37. Tran Y†, Blackburn J, **Vest JR**. Observation of Spectators' Mask Wearing Behavior at a National Basketball Tournament. *Managing Sport and Leisure*. 1-12; 2022. doi: 10.1080/23750472.2022.2046492. PMCID: PMC10972567.
38. **Vest JR**, Wu W, Mendonca EA. Sensitivity and specificity of real-world social factor screening approaches. *Journal of Medical Systems*. 45; 2021. doi: 10.1007/s10916-021-01788-7. PMCID: PMC8588755.
39. **Vest JR**, Adler-Milstein J, Gottlieb LM, Bian J, Campion Jr TR, Cohen GR, Donnelly N, Harper J, Huerta TR, Kansky JP, Kharrazi H, Khurshid A, Kooreman HE, McDonnell C, Overhage JM, Pantell MS, Parisi W, Shenkman E, Tierney WM, Wiehe S, Harle CA. Assessment of structured data elements for social factors. *American Journal of Managed Care*. 28(1):e14-e23; 2022. doi: 10.37765/ajmc.2022.88816. PMID: 35049262.
40. Yeager VA, Taylor HL†, Menachemi N, Haut DP, Halverson PK, **Vest JR**. Primary care case conferences to mitigate social determinants of health: a case study from one FQHC system. *American Journal of Accountable Care*. 9(4):12-19; 2021. doi: 10.37765/ajac.2021.88802. PMCID: PMC10241440.
41. **Vest JR**, Blackburn J, Cash-Goldwasser S, Peters Bergquist E, Embi PJ. Mask-wearing behavior at the 2021 NCAA men's basketball tournament. *Journal of the American Medical Association*. 326(13):1324-1325; 2021. doi: 10.1001/jama.2021.14057. PMCID: PMC8369422.
42. Wiley Jr. KJ†, Ellis Hilts K, Ancker JS, Unruh MA, Hye-Young J, **Vest JR**. Organizational characteristics and perceptions of clinical event notification services in health care settings: a study of health information exchange. *JAMIA Open*. ooaa065; 2020. doi: 10.1093/jamiaopen/ooaa065. PMID: PMC7886547.
43. **Vest JR**, Cash-Goldwasser S, Bandali E, Peters Bergquist E, Holly K, Caine V, Halverson PK, Embi P. Direct observation, estimates and correlates of public mask-wearing during the COVID-19 pandemic. *Harvard Public Health Review*. 29; 2021. <https://hphr.org/29-article-vest/>.
44. **Vest JR**, Kasthurirathne SN, Ge W†, Gutta J, Ben-Assuli O, Halverson PK. Choice of measurement approach for area-level social determinants of health and risk prediction model performance. *Informatics for Health and Social Care*. 47(1):80-91; 2022. doi: 10.1080/17538157.2021.1929999. PMID: 34106026.
45. Taylor H†, Burmitt G†, Harle CA, Johnston A, Williams K, **Vest JR**. Student perceptions of a teaching electronic medical record in health administration education. 38(4):957-974; 2022.
46. **Vest JR**, Blackburn J, Yeager VA, Haut DP, Halverson PK. Primary care-based case conferences and reductions in health care utilization. *Journal of Health Care for the Poor & Underserved*. 32(3):1288-1300; 2021. doi: 10.1353/hpu.2021.0132. PMID: 34421031.
47. Apathy NC†, **Vest JR**, Adler-Milstein J, Blackburn J, Dixon BE, Harle, CA. Practice and market factors associated with provider volume of health information exchange. *Journal of the American Medical Informatics Association*. 28(7):1451-1460; 2021. doi: 10.1093/jamia/ocab024. PMCID: PMC8279783.
48. Brown-Podgorski B†, Shi Y, **Vest JR**. Patient Need and Provider Referrals to Diabetes Self-Management Education. *American Journal of Managed Care*. 27(6):e201-e207; 2021. doi: 10.37765/ajmc.2021.88669. PMID: 34156224
49. Brown-Podgorski B†, de Groot M, Shi Y, **Vest JR**. Mandated Benefits for Diabetes Education and the Availability of Accredited Programs and Certified Diabetes Educators. *Population Health Management*. 24(5):560-566; 2021. doi: 10.1089/pop.2020.0216. PMID: 33535014.
50. Ben-Assuli O, Heart T, **Vest JR**, Ramon-Gonen R, Shlomo N, Klempfner R. Profiling Readmissions Using Hidden Markov Model - the Case of Congestive Heart Failure. *Information Systems Management*. 38:25-266; 2021. doi: 10.1080/10580530.2020.1847362.

51. **Vest JR**, Blackburn J, Yeager VA. COVID-19: The challenge of translating national and state reopening plans into local reopening policies. *Public Health Reports*. 136(2): 127-131; 2021. doi:10.1177/0033354920971721. PMID: 33290170.
52. Bako AT†, Taylor HL†, Wiley Jr. KJ†, Zheng, J, Walter-McCabe HA, Kasthurirathne SN, **Vest JR**. Using natural language processing to classify social work interventions. *American Journal of Managed Care*. 27(1):e24-e31; 2021. doi: 10.37765/ajmc.2021.88580. PMID: 33471465.
53. Rahurkar S, **Vest JR**, Finnell JT, Dixon BE. Trends in User-Initiated Health Information Exchange in the Inpatient, Outpatient and Emergency Setting. *J Am Med Inform Assoc*. 28(3):622-627; 2021. doi: 10.1093/jamia/ocaa226. PMID: 33067617.
54. Bako AT†, Walter-McCabe H, Kasthurirathne SN, Halverson PK, **Vest JR**. Reasons for social work referrals in an urban safety-net population: a natural language and market basket analysis approach. *Journal of Social Service Research*. 47(3):414-425; 2021. doi: 10.1080/01488376.2020.1817834.
55. **Vest JR**, Unruh MA, Ellis Hilts K†, Sanner L, Jones J, Khokhar S, Jung HY. End user information needs for a SMART on FHIR-based automated transfer form to support the care of nursing home patients during emergency department visits. *AMIA Annual Proceedings 2020*. 2020:1239-1248; 2021. PMID: 33936500.
56. Taylor H†, Apathy N†, **Vest JR**. Health information exchange use during dental visits. *AMIA Annual Proceedings 2020*. 2020:1210-1219; 2021. PMID: 33936497.
57. Apathy NC†, Harle CA, **Vest JR**, Morea J, Menachemi N. Use of Electronic Health Records on Days Off: Comparing Physicians to Other EHR Users. *Journal of General Internal Medicine*. 36(4):114-1143; 2021. doi: 10.1007/s11606-020-06078-5. PMID: 32748344.
58. **Vest JR**, Freedman S, Unruh MA, Bako AT†, Simon K. Strategic use of health information exchange and market share, payer mix, and operating margins. *Health Care Management Review*. 47(1):28-36; 2022. doi: 10.1097/HMR.0000000000000293. PMID: 33298801.
59. Unroe KT, Caterino JM, Stump TE, Tu W, Carnahan JL, **Vest JR**, Sachs GA, Hickman SE. Long-stay nursing facility resident transfers: Who gets admitted to the hospital? *Journal of the American Geriatrics Association*. 68(9):2082-2089; 2020. doi: 10.1111/jgs.16633. PMID: 33460101.
60. Kasthurirathne S, Grannis S, Menachemi N, Halverson P, **Vest JR**. Precision health-enabled machine learning to identify need for wraparound social services using patient- and population-level data sets: algorithm development and validation. *JMIR Medical Informatics*. 8(7):e16129; 2020. doi: 10.2196/16129. PMID: 32479414
61. Biviji R,† **Vest JR**, Dixon BE, Cullen T, & Harle, C.A. Content analysis of behavior change techniques in maternal and infant health apps. *Translational Behavioral Medicine*. 11(2):504-515; 2020. doi: 1093/tbm/ibaa039. PMID: 32491165.
62. Balio C,† Wiley Jr K,† Greene M, **Vest JR**. Opioid-Related Emergency Department Encounters: Patient, Encounter, and Community Characteristics associated with Repeat Encounters. *Annals of Emergency Medicine*. 75(5):568-575; 2020. doi: 10.1016/j.annemergmed.2019.12.005. PMID: 31983498.
63. Biviji R†, **Vest JR**, Dixon BE, Cullen T, Harle CA. Factors related to user ratings and user downloads of mobile apps for Maternal and Child Health. *JMIR mHealth & uHealth*. 8(1):e15663; 2020. doi: 10.2196/15663. PMID: PMC7007596.
64. Ben-Assuli O. **Vest JR**. Data mining techniques utilizing latent class models to evaluate emergency department revisits. *Journal of Biomedical Informatics*. 101:103341; 2020. doi: 10.1016/j.jbi.2019.103341. PMID: 31747623.
65. **Vest JR**, Unruh MA, Casalino LP, Shapiro JS. The complementary nature of query-based and directed health information exchange in primary care practice. *Journal of the American Medical Informatics Association*. 27(1):73-80; 2020. doi: 10.1093/jamia/ocx134. PMID: PMC7647237.
66. Golembiewski E†, Allen KS†, Blackmon AM, Hinrichs RJ, **Vest JR**. Combining social determinants of health and clinical data for research and evaluation: a rapid review. *JMIR Public Health and Surveillance*. 5(4):e12846; 2019. doi: 10.2196/12846. PMID: PMC6803891.
67. **Vest JR**, Ellis Hilts K†, Ancker JS, Unruh MA, Jung HY. Usage of query-based health information exchange after event notifications. *JAMIA Open*. 2019; oox026. doi: 10.1093/jamiaopen/ooaa065. PMID: PMC6951916.
68. **Vest JR**, Ben-Assuli O. Prediction of emergency department revisits using area-level social determinants of health measures and health information exchange information. *International Journal of Medical Informatics*. 129:205-210; 2019. doi: 10.1016/j.ijmedinf.2019.06.013. PMID: 31445257.

69. **Vest JR**, Unruh MA, Freedman S, Simon K. Health systems' use of enterprise health information exchange vs. single electronic health record vendor environments and unplanned readmissions. *Journal of the American Medical Informatics Association*. 26(10):990-998; 2019. doi: 10.1093/jamia/ocz116. PMID: 31348514.
70. Kasthurirathne S, Biondich P, Grannis S, Purkayastha S, **Vest JR**, Jones J. Development and Validation of Machine-Learning Approaches to Identify Patients in Need of Advanced Care for Depression Using Data Extracted from a Statewide Health Information Exchange. *Journal of Medical Internet Research*. 21(7): e13809; 2019. doi:10.2196/13809. PMID: 31333196.
71. **Vest JR**, Unruh MA, Shapiro JS, Casalino LP. The associations between query-based and directed health information exchange with potentially avoidable use of health care services. *Health Services Research*. 54(5):981-993; 2019. doi: 10.1111/1475-6773.13169. PMID: 31112303.
72. Ancker JS, Mauer E, Kalish RB, **Vest JR**, Gossey JT. Early adopters of patient-generated health data (PGHD) upload in an electronic patient portal. *Applied Clinical Informatics*. 10(2):254-260; 2019. doi:10.1055/s-0039-1683987. PMCID: PMC6458021.
73. Grannis S, Xu H, **Vest JR**, Kasthurirathne S, Bo N, Moscovitch B, Torkzadeh R. Evaluating the effect of data standardization and validation on patient matching accuracy. *Journal of the American Medical Association*. 26(5):447-456; 2019. doi:10.1093/jamia/ocy191. PMID: 30848796.
74. **Vest JR**, Menachemi N, Grannis S, Ferrell J, Kasthurirathne S,† Zhang Y, Tong Y, Halverson P. Impact of risk stratification on referrals and uptake of wraparound services to address social determinants: a stepped wedged trial. *American Journal of Preventive Medicine*. 56(4):e125-e133; 2019. doi: 10.1016/j.amepre.2018.11.009. PMID: 30772150.
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†Mentored student / post-doc fellow co-author

COMMENTARIES, BOOK CHAPTERS, REPORTS & OTHER NON-PEER-REVIEWED PUBLICATIONS

1. Unroe KT, **Vest JR**. Time to Leverage Health System Collaborations: Supporting Nursing Facilities Through the COVID-19 Pandemic. *Journal of the American Geriatrics Society* 68(6):1129-1130; 2020. doi.org/10.1111/jgs.16540; PMID: 32392623.
2. Ben-Assuli O, **Vest JR**. "ED Revisits Forecasting: Utilizing Latent Models." In Bi Y, Bhatia R, Kapoor S, editors. *Intelligent Systems and Applications. IntelliSys 2019. Advances in Intelligent Systems and Computing*. vol 1038. Springer, Cham, 2020. doi.org/10.1007/978-3-030-29513-4_52.
3. **Vest JR**, Harle CA, Schleyer T, Dixon BE, Grannis SJ, Halverson P, Menachemi N. Getting from here to there: HIT needs for population health. *American Journal of Managed Care*. 22(12):827-829; 2016. PMID: 27982666s.
4. **Vest JR**. The Health Information Technology Special Issue: current trends and future directions. *American Journal of Managed Care*. 22(12):800; 2016. PMID 27982664.*
5. **Vest JR**, Martin EG. "Creating a 21st Century Health Information Technology Infrastructure: New York's Health Care Efficiency and Affordability Law for New Yorkers Capital Grant Program." In: Dixon BE, editor. *Health Information Exchange: Navigating and Managing a Network of Health Information Systems*. San Diego: Elsevier, 2016.
6. **Vest JR**, Kansky J, Menachemi N. IRS should recognize community HIE participation as a community benefit. *iHealthBeat*. October 5, 2015. Available at: <http://www.ihealthbeat.org/perspectives/2015/irs-should-recognize-community-hie-participation-as-a-community-benefit>
7. Center for Healthcare Informatics & Policy. User Perspectives on Health Information Exchange Usage and Workflow Fit: A Qualitative Study of Three New York State Regional Health Information Organizations. New York eHealth Collaborative. December 2013.
8. Healthcare Information & Management Systems Society. States Will Transform Healthcare through Health IT and HIE Organizations: a report of the 2011-2012 HIMSS State Advisory Roundtable. June 2012.
9. **Vest JR**, Valadez AM. Perceptions of neighborhood characteristics and leisure-time physical inactivity--Austin/Travis County, Texas, 2004. *MMWR* 54(37):926-8, 2005. PMID:16177684.

* Included in the AMIA Annual Symposium Year in Review

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RESEARCH SUPPORT

Ongoing

Eli Lilly & Company

Soni & Vest (PI)

12/2024-11/2029

Estimating the impact of anti-obesity medications on direct and indirect costs of obesity
(008555196)

Joshua R Vest		12
Role: Co- Principal Investigator		\$1,714,814
Agency for Healthcare Research & Quality	Vest(PI)	5/2021-4/2026
[PA18-795] - AHRQ Health Services Research Projects (R01)		
<i>Predictive modeling for social needs in emergency department settings</i> (1R01HS028008-01)		
Role: Principal Investigator		\$1,967,217
Agency for Healthcare Research & Quality	Vest(PI)	9/2021-8/2026
[PA18-795] - AHRQ Health Services Research Projects (R01)		
<i>Computable social factor phenotyping using EHR and HIE data</i> (1R01HS028636-01)		
Role: Principal Investigator		\$1,989,292
National Institutes of Health – National Institute on Aging	Unruh(PI)	7/2022 – 6/2025
[PAR-19-070] - Research on Current Topics in Alzheimer's Disease and Its Related Dementias		
<i>Skilled Nursing Facility Participation in Health Information Exchange and Quality of Care for Patients with Alzheimer's Disease and Related Dementias</i> (1R01AG072605-01A1)		
Role: Co-Investigator		\$1,127,536
<u>Completed (±Secured for the Center for Health Policy)</u>		
Centers for Disease Control & Prevention	Vest & Wiltshire(Co-PI)	6/2021 – 5/2024
<i>Marion County Public Health Department Initiative to Address COVID-19 Health Disparities</i> (1 nh750t00087-01-00)		
Role: Center Director & Co- Principal Investigator		\$ 590,500
Indiana Department of Corrections	Vest(PI)	8/2023-9/2024
<i>Social needs screening for department of corrections</i> (#75501)		
Role: Principal Investigator		\$160,000
National Institutes of Health	Evans(PI)	9/2022-8/2023
[PA22-178] - Omnibus Solicitation of the NIH for Small Business Technology Transfer Grant Applications (R43)		
<i>Coeus: An information tool to support safe admission to the nursing home</i> (1R43NR020775-01)		
Role: Academic Principal Investigator		\$359,010
Agency for Healthcare Research & Quality	Schleyer(PI)	7/2020 – 9/2023
[PA-15-147] – AHRQ Health Services Research Projects (R01)		
<i>Improving healthcare processes and outcomes by directly integrating health information exchange data in the clinical workflow</i> (HS027185)		
Role: Co-Investigator		\$1,199,998
National Science Foundation	Vest(PI)	4/2021-4/2022
[NSF 17-516] - Industry-University Cooperative Research Centers Program (IUCRC)		
<i>IUCRC Planning Grant Indiana University: Center for Population Health Analytics & Technology [CPHAT]</i> (2052691)		
Role: Principal Investigator		\$20,000
±Department of Health & Human Services	Greene(PI)	7/2021 – 6/2023
<i>Advancing Health Literacy in Marion County</i> (1 CPIMP211295-01-00)		
Role: Center Director		\$2,861,449
±Indiana Community Mental Health Centers	Greene (PI)	5/2021-1/2022

Impact of community mental health centers

Role: Center Director		\$50,000
Agency for Healthcare Research & Quality [PA-15-147] – AHRQ Health Services Research Projects (R01) <i>Enhancing Patient Matching in Support of Operational Health Information Exchange</i> (1R01HS023808-01A1)	Grannis(PI)	7/2017-4/2022
Role: Co-Investigator		\$1,701,413
The Trustees of Indiana University <i>IU Grand Challenge - Addictions Initiative - The Indiana Addictions Data Commons (IADC)</i>	Newhouse(PI); Embi(Project PI)	2/2018-6/2022
Role: Project Level Co-Investigator		\$3,698,290
National Institute on Drug Abuse (NIDA) [RFA-AG-17-013] – Encouraging Appropriate Care Using Behavioral Economics through Electronic Health Records (R21/R33) <i>Nudging Primary Care Providers toward Guideline-Recommended Opioid Prescribing through Easier and More Convenient EHR Information Design</i> (1R21DA046085-01)	Harle(PI)	9/2017 – 8/2022
Role: Co-Investigator		\$402,261
Marion County Health Department <i>COVID-19 Pandemic Response Technical Assistance</i>	Vest(PI)	9/2020 – 12/2021
Role: Center Director & Principal Investigator		\$133,000
Eskenazi Health Foundation <i>Expansion and evaluation of the effectiveness of risk prediction for social needs at Eskenazi Health</i>	Vest (PI)	11/2019-11/2021
Role: Principal Investigator		\$110,000
City of Indianapolis (US Department of the Treasury) <i>Contact tracing: Marion County / City of Indianapolis</i>	Dearth(PI)	5/2020 – 6/2021
Role: Co-Investigator		\$10,328,010
Vital Strategies <i>COVID Mask Study</i>	Vest(PI)	9/2020 -5/2021
Role: Principal Investigator		\$114,000
Indiana State Department of Health <i>Vaccine Plan Evaluation Supplement</i>	Menachemi(PI)	3/2020 – 6/2021
Role: Center Director		\$7,000
Indiana State Department of Health, Division of Mental Health and Addition <i>State Epidemiological Outcome Workgroups</i>	Greene (PI)	7/2017-6/2021
Role: Co-Investigator & Center Director		\$704,200
‡Indiana Primary Health Care Association <i>Impact of community health centers</i>	Yeager (Co-PI)	1/2020-8/2020
Role: Center Director		\$56,133
‡Indiana Primary Health Care Association <i>COVID Virtual Care at Home Model Evaluation</i>	Vest(PI)	10/2020 – 3/2021

Joshua R Vest		14
Role: Principal Investigator		\$58,000
‡Indiana State Department of Health	Yeager(PI)	7/2018-6/2019
<i>Tobacco Prevention & Cessation: Systems Change Partnership (Contract # 27161)</i>		
Role: Center Director		\$72,000
Robert Wood Johnson Foundation	Vest & Halverson (Co-PI)	8/2018-12/2020
<i>Addressing upstream determinants of health through collaboration and analytics (RWJF-75549)</i>		
Role: Co- Principal Investigator		\$1,000,000
New York State Department of Health	Vest(Co-PI)	11/2018 – 12/2020
<i>Health Information Exchange supported transfer forms for long term care (LTC) patients' ED visits (Contract No.: 14-HITEC-01 SOW 4)</i>		
Role: Co-Principal Investigator		\$655,000
Agency for Healthcare Research & Quality	Dixon(PI)	9/2017-8/2019
[PA-14-001] – Exploratory and Developmental Grant to Improve Health Care Quality through Health Information Technology (IT) (R21)		
<i>Exploring the Utilization of and Outcomes from Health Information Exchange in Emergency Settings (1R21HS025502-01)</i>		
Role: Co-Investigator		\$396,587
071647-00002B (IU), Supreme Court of Ohio	Ray (PI)	1/2018-9/2020
<i>Regional Judicial Opioid Initiative</i>		
Role: Co-Investigator		\$1,000,000
Agency for Healthcare Research & Quality	Vest(PI)	4/2017-3/2019
[PA-14-001] – Exploratory and Developmental Grant to Improve Health Care Quality through Health Information Technology (IT) (R21)		
<i>The impact of enterprise health information exchange on organizational performance and local health care markets (1 R21HS024717-01A1)</i>		
Role: Principal investigator		\$300,000
Agency for Healthcare Research & Quality	Vest(PI)	9/2016-12/2018
[PA-15-147] – AHRQ Health Services Research Projects (R01)		
<i>Use of push and pull health information exchange technologies by ambulatory care practices and the impact on potentially avoidable health care utilization (R01HS024556-01A1)</i>		
Role: Principal Investigator		\$299,827
Indian Health Services	Cullen (PI)	9/2018-9/2019
<i>Health Information Technology Modernization Research Project</i>		
Role: Co- Investigator		\$2,910,478
Robert Wood Johnson Foundation	Halverson & Vest(Co-PI)	3/2016-6/2018
<i>Establishing a Collaborative Research Center at Indiana University to improve population health through integrated services and advanced analytics (RWJF-73485)</i>		
Role: Co-Principal Investigator		\$998,500
‡Community Health Network	Yeager(PI)	10/2017-12/2018
<i>2018 Community Health Needs Assessment and 2019-2021 Implementation Strategy</i>		
Role: Center Director		

‡Healthcare Foundation of LaPorte <i>Needs Assessment in Response to the Indiana Network for the Prevention and Treatment of Opioid Addiction</i> Role: Co-Investigator	Greene(PI)	8/2017-3/2018	\$72,000
National Library of Medicine (NLM) <i>The Indiana Training Program in Public & Population Health Informatics – Administrative Supplement (3T15LM012502-01S1)</i> Role: Co-Investigator	Dixon & Schleyer (Co-PIs)	9/2017 – 6/2018	\$100,000
New York State Department of Health <i>Effects and value of alert notifications</i> (Contract No.: 14-HITEC-01 SOW 3) Role: Co-Principal Investigator	Vest(Co-PI)	6/2017 – 5/2018	\$190,000
The PEW Charitable Trusts [2016-HIT-01] Research Projects on Health Information Technology: Patient Matching, Electronic Health Record Safety and Usability. <i>Evaluating the impact of data standardization and normalization on matching effectiveness</i> Role: Co-Investigator	Grannis(PI)	6/2017-3/2018	\$129,978
National Institute on Drug Abuse (NIDA) [RFA-DA-18-005] - Expanding Medication Assisted Treatment for Opioid Use Disorders in the Context of the SAMHSA Opioid STR Grants (R21/R33) <i>Project POINT: Effectiveness and Scalability of an Overdose Survivor Intervention</i> (1R21DA045850-01) Role: Co-Investigator	Watson(PI)	9/2017-8/2018	\$288,341
‡Anthem BCBS Foundation <i>Change is in the Air</i> (069371-00002B) Co- Principal Investigator	Staten & Vest(Co-PIs)	12/2016-11/2017	\$77,250
Marion County Health Department <i>Using health information exchange to support pediatric household asthma exposure assessment</i> Role: Principal Investigator	Vest(PI)	2/2017-1/2018	\$58,000
Health Information & Management System Society (HIMSS) <i>Environmental Scan of LTPAC Interoperable Health Information Technology Capabilities</i> Role: Co-Principal Investigator	Vest, Unruh & Jung(Co-PIs)	2/2017-1/2018	\$90,000
‡Parkview Health Systems <i>Assessment of the Implementation Strategies Chosen by Parkview Health System</i> Role: Co-Principal Investigator	Comer & Vest(Co-PIs)	06/2017 – 01/2018	\$80,000
‡Alaska Department of Health & Social Services <i>Evaluation Services for the Early Childhood Comprehensive Systems (ECCS)</i> (069344-00002B) Role: Principal Investigator	Vest(PI)	1/2017-6/2017	\$120,000
‡Robert Wood Johnson Foundation (Princeton) State Health and Value Strategies Program <i>Indiana Health Information Exchange Summit</i> Principal Investigator	Vest(PI)	6/2016-6/2018	\$39,636

Centers for Disease Control & Prevention (CDC)	Waston(PI)	3/2016-8/2017
[CE15-1501] – Prescription Drug Overdose – Prevention for States		
<i>Inspect Prescription Drug Monitoring Program (PDMP) Evaluation Grant (ISDH-16140 / 1U17CE00272)</i>		
Role: Co-Investigator		\$382,189
National Collegiate Athletic Association	Vest(PI)	11/2015-02/2016
<i>Wellness promotion and injury prevention among athletes:</i>		
<i>review of risks and impact of periodization, specialization and over use</i>		
Role: Principal Investigator		\$41,265
New York State Department of Health	Vest(PI)	3/2015-12/2015
<i>Effects and value of alert notifications (Contract No.: 14-HITEC-01 SOW 2)</i>		
Role: Principal Investigator		\$285,000
Agency for Healthcare Research & Quality	Vest(PI)	9/2013 – 12/2015
PAR08-268] - Small research grant to improve health care quality through health information technology (R03)		
<i>How do you define regional? The geography of health information exchange (Grant No. R03 HS20304-01A1)</i>		
Role: Principal Investigator		\$100,000
Center for Medicare & Medicare Innovation	Kaushal(PI)	7/2012 – 07/2016
<i>Evaluation of Bronx Regional Health Information Organization (Grant No. 1C1CMS331065-01-00)</i>		
Role: Co-Principal Investigator		
Harvey L. Neiman Health Policy Institute / American College of Radiology	Vest & Jung (Co-PIs)	01/2015-01/2016
<i>Usage of image-sharing technology: a taxonomy.</i>		
Role: Co-Principal Investigator		\$43,000
City of New York	Vest(PI)	2015
<i>Public Health Scholars</i>		
Role: Principal Investigator (resigned contract when left WCMC faculty position)		\$695,895
National Institutes of Health [RFA-MD-11-002] - National Institute on Minority Health & Health Disparities NIMHD Exploratory Centers of Excellence (P20)	Luque(PI)	01/2010 – 12/2013
<i>Barbers Against Prostate Cancer - Establishing a Center of Excellence on Health Disparities in Rural Populations</i>		
Role: Investigator		
New York State eHealth Collaborative	Kaushal (PI)	
<i>State-level health information exchange program evaluation</i>		
Role: Investigator		
New York State Department of Health	Kaushal (PI)	1/2010 – 12/2013
<i>Evaluation of the Healthcare Efficiency and Affordability Law for New Yorkers Program (HEAL NY) – Phase 10</i>		
Role: Investigator		
New York State Department of Health	Kaushal (PI)	1/2011-12/2013
<i>Evaluation of the Healthcare Efficiency and Affordability Law for New Yorkers Program (HEAL NY) – Phase 17</i>		
Role: Investigator		
Robert Wood Johnson Foundation	Vest(PI) Mentor: Michelle Issel	2/2012-12/2012

Dissertation and Junior Faculty Awards Proposal

Effective public health data sharing for local decision making

Role: Principal Investigator

\$10,000

Georgia Southern University

Vest(PI)

7/2011- 5/2012

Faculty Research Competition Award

If open source is so great, why aren't hospitals using it?

Role: Principal Investigator

McDowell Research Center for Global IT

Vest(PI)

01/2011 – 05/2011

Management Seed Grant

User Adaption and Workarounds of Electronic Health Record Systems

Role: Principal Investigator

National Science Foundation

Gamm(PI)

2008-2011

*Center for Health Organization Transformation:**A National Science Foundation Industry / University Cooperative Research Center (IIP-0832439)*

Role: Project Coordinator & Affiliated Research Faculty

National Cancer Institute

Ohsfeldt(PI)

6/2009-5/2010

Factors motivating & affecting information seeking in a health information exchange (1R21CA138605-01A1)

Role: Project Coordinator

Internally Funded Research, Education & Travel Grants

Indiana University

Vest(PI)

05/2018-07/2019

IU Overseas Study Program Development - Israel

Role: Principal Investigator

\$3,000

Indiana University

Vest, Harle & Johnston(Co-PIs)

05/2018 – 7/2019

Curriculum Enhancement Grant

Analytics for administrators: adapting novel clinical data platform for health administration education

Role: Co-Principal Investigator

\$15,000

Indiana University

Vest(PI)

05/2018-07/2019

International Partnership Development Fund - Israel

Role: Principal Investigator

\$3,200

ADVISORY BOARDS, EXPERT PANELS & NATIONAL COMMITTEES

2024- Academy of Management, Health Care Management Division Research Committee

2018-2019 AcademyHealth 2019 Annual Research Meeting Planning Committee

2016-2018 Health Information Exchange Community of Experts: Minnesota Health Information Exchange Legislative Study. Minnesota Department of Health. (<http://www.health.state.mn.us/e-health/hie/study/hie-study-report-2018.pdf>)

2016 Advisor to the Community Health Peer Learning Program (AcademyHealth)

2015 Office of the National Coordinator for Health Information Technology Measurement Workgroup. (<https://www.healthit.gov/sites/default/files/measurementfinrpt.pdf>)

2015 AcademyHealth Annual Research Meeting Health Information Technology Theme Committee

2014 Agency for Healthcare Research and Quality's (AHRQ) Effective Health Care (EHC) Program: Technical Expert Panel. Health Information Exchange.

2014 AcademyHealth Annual Research Meeting Health Information Technology Theme Committee

- 2013 Veteran's Administration HSR&D Center of Excellence on Implementing Evidence-Based Practice (Indianapolis, IN): The effect of health information exchange on the quality of care. Expert Panel.
- 2012 American Medical Informatics Association (AMIA) 2012 Scientific Program Committee
- 2011-2013 HIMSS Davies Public Health Awards Committee
- 2011 ChathamHealthLink Information Technology Consortium Board

EDITORIAL BOARDS

- 2019-2024 International Conference on Information Systems, IS in Healthcare Track Associate Editor
- 2020- Health Care Management Review Editorial Board
- 2019-2020 International Conference on Information Systems, IS in Healthcare Track Associate Editor
- 2019- Journal of the American Medical Informatics Association Editorial Board
- 2013-2017 BMC Medical Informatics and Decision Making (Associate Editor)
- 2009-2010 Journal of the American Medical Informatics Association Student Editorial Board

GRANT REVIEW PANELS / REVIEWER

- 2023-2024 National Institutes of Health, Small Business: Social and Community Influences across the Lifecourse (SCIL 10)
- 2021-2022 National Institutes of Health, Small Business: Disease Management, Risk Prevention, and Health Behavior Change (ZRG1)
- 2019-2020 National Institutes of Health, Health Services Organization and Delivery (HSOD) Member Conflict Special Emphasis Panel (SEP)
- 2019 Robert Wood Johnson Foundation Interdisciplinary Research Leaders
- 2018 The German Israeli Foundation for Scientific Research and Development
- 2018 Israeli Science Foundation
- 2015 Israel National Institute for Health Policy & Health Services Research

MENTORING & TEACHING

Dissertation Committees as Chair

Allen, Katie (PhD, Health Policy & Management). *Barriers to trust in the utilization of health-related social needs data from electronic health record*. 2025

- Regenstrief Institute, Research Staff Scientist

Brumitt, Gary (PhD, Health Policy & Management). Indiana University Purdue University Indianapolis. *Home Health Agencies: An Examination of Financial Performance, Quality, and Micro-Costing*. 2024.

- Indiana University – Indianapolis, Research Staff Scientist

Wiley Jr Kevin (PhD, Health Policy & Management). Indiana University Purdue University Indianapolis. *Electronic Health Record (EHR) Data Quality and Type 2 Diabetes Mellitus Care*. 2022.

- Robert Wood Johnson Foundation Health Policy Research Scholars program (Cohort 3) – 2018.
- T15 NIH National Library of Medicine Pre-Doctoral Fellow in Public & Population Health Informatics.
- NCQA Phyllis Torda Health Care Quality and Equity Fellowship (2021-2022).
- Medical University of South Carolina, Assistant Professor.

Bako, Adulaziz (PhD, Health Policy & Management). *The role of social workers in addressing patients' unmet social needs in the primary care setting*. Indiana University Purdue University Indianapolis. 2021.

- Texas Methodist, Post-doctoral fellowship.

Brown-Podgorski, Brittany (PhD, Health Policy & Management) *The impact of state insurance coverage requirements on access to diabetes self-management education and training (DSME/T) among Medicaid recipients*. Indiana University Purdue University Indianapolis. 2019.

- R36 AHRQ Dissertation Grant (1R36HS026352-01A1).
- President's Diversity Dissertation Year Fellowship at Indiana University Purdue University Indianapolis.
- University of Texas, Post-doctoral fellowship (T32).

Dissertation Committees (member)

Burns, Ashlyn B. (PhD, Health Policy & Management). Indiana University Purdue University Indianapolis. *Changes in emergency department utilization associated with behavioral health crisis care adoption*. 2024.

- R36 AHRQ Dissertation Grant (1R36HS029654-01) (Co-Primary mentor).

Zhang, Abbie (PhD, Health Economics). *Exploring the statistical advantages of correlated dispersion-flexible count regression in the causal estimation and inference context*. Indiana University Purdue University Indianapolis. 2020.

Biviji-Sharma, Rizwana (PhD, Health Policy & Management). *Evaluating the Quality of Mobile Health Apps for Maternal and Child Health*. Indiana University Purdue University Indianapolis. 2018.

Greene, Marion (PhD, Epidemiology). *Pain Reliever Prescriptions and Subsequent Risk of Opioid Abuse*. Indiana University Purdue University Indianapolis. 2018.

Kasthurirathne, Suranga (PhD, Computer Science). *The Use of Clinical, Behavioral and Social Determinants of Health to Improve Identification of Patients in Need of Advanced Care for Depression*. Indiana University Purdue University Indianapolis. 2018.

Omenka, Ogbonnaya Isaac (PhD, Health Policy & Management). *Understanding African Immigrant Health in the United States: An Exploratory Study of The Nigerian Immigrant Healthcare Experience*. Indiana University Purdue University Indianapolis. 2018.

Rahurkar, Saurabh (DrPH, Public Health Management). *Trends, Market Correlates, and The Impact of Health Information Exchange*. University of Alabama-Birmingham. 2015.

Courses Taught

Population & Public Health (MHA course covering public health requirements – IUI)

Health Systems Around the World (Undergraduate & graduate study abroad – IUI)

Contemporary Health Issues (Undergraduate introduction to the health system – IUI)

Research Seminar in Health Policy and Management: Health Services Research (PhD seminar – IUI)

Health Care Organizations Research (PhD seminar – IUI)

Health & Healthcare Delivery (MS level course – Weill Cornell Medical College)

Health Informatics & Decision Making (DrPH level course – Georgia Southern University)

Healthcare Informatics (MHA level course – Georgia Southern University)

Health Policy & Management (MPH level course – Georgia Southern University)

PROFESSIONAL AFFILIATIONS

AcademyHealth

Academy of Management

American Medical Informatics Association

Association for Information Systems

MEDIA INTERVIEWS & APPEARANCES

Xtelligent/TechTarget (3/2025)

www.techtarget.com/healthtechnanalytics/feature/How-predictive-analytics-could-improve-SDOH-screening

HealthCare Innovation (2/2024)

www.hcinnovationgroup.com/analytics-ai/predictive-analytics/article/55267307/research-ehr-predictive-model-outperforms-ed-social-needs-questionnaire

WRTV Indianapolis (1/2021)

WTHR Indianapolis (1/2021)

www.wthr.com/article/news/health/coronavirus/study-mask-behavior-in-marion-county-during-mandate-shows-85-percent-of-hoosiers-masked-up-pandemic-transmission-compliance-coronavirus/531-b7155072-a8d0-4e17-b238-9a3ce3f6bbb5

WFYI Indianapolis “All IN” (8/2021)

Indianapolis Star (8/2020)

www.indystar.com/story/news/health/2020/09/25/covid-19-reopening-indiana-stage-5-public-health-what-it-means/3525164001/

WFYI Indianapolis “All IN” (5/2020 & 8/2020)

Indianapolis Star (5/2020)

www.indystar.com/story/news/health/2020/05/01/coronavirus-indiana-where-we-stand-reopening-guidelines/3043204001/

WFYI Indianapolis (10/2018)

www.wfyi.org/news/articles/report-wraparound-services-improve-health-care-limit-cost

WKVI (04/2018)

wkvi.com/2018/04/secretary-of-family-and-social-services-administration-serves-as-keynote-speaker-at-opioid-study-presentation/

What's New La Porte (04/2018)

whatsnewlaporte.com/2018/04/19/130-plus-gather-to-invest-efforts-toward-addressing-laporte-countys-opioid-crisis/

Northwest Indiana Times (04/2018)

www.nwitimes.com/news/local/laporte/laporte-county-opioid-study-sets-stage-for-action/article_bdf3ffe9-1ec7-5afb-b651-0f04f8305bbf.html

La Porte County Life (04/2018)

www.laportecountylife.com/health/education/69436-la-porte-opioid-study-presentation-shines-light-on-possible-solutions

La Porte Herald Argus (04/2018)

www.heraldargus.com/news/no-easy-solutions-to-opioid-crisis/article_b4b6b824-fd4c-5596-a4ea-367663f74580.html

ABC 57 South Bend (04/2018)

www.abc57.com/news/la-porte-nonprofit-releases-opioid-report

Northwest Indiana Times (04/2018)

www.nwitimes.com/news/local/laporte/laporte-county-opioid-study-sets-stage-for-action/article_bdf3ffe9-1ec7-5afb-b651-0f04f8305bbf.html#tracking-source=home-top-story-2

WFYI Indianapolis (02/2018)

www.wfyi.org/news/articles/new-study-focuses-on-social-determinants-health-impact

Healthcare Informatics (12/2017)

www.healthcare-informatics.com/blogs/david-raths/hie/study-identifies-seven-barriers-research-impact-hies-0

Chicago Medicine (12/2015)

www.cmsdocs.org/news-publications/chicago-medicine-magazine/2015-issues/December2015.pdf

Kansas City Star (9/2015)

www.kansascity.com/news/business/health-care/article31574180.html

WXXI Rochester, NY NPR (1/2015)

wxnews.org/post/more-patient-information-means-less-x-rays-study-shows

AuntMinnie.com (1/2015)

www.auntminnie.com/index.aspx?sec=ser&sub=def&pag=dis&ItemID=109886

Medscape (12/2014)

www.medscape.com/viewarticle/835731

PoliticoNew York (3/2014)

www.capitalnewyork.com/article/city-hall/2014/03/8541991/capital-health-care-budget-day-city-and-state

UNIVERSITY SERVICE

2024-	Campus P&T Policy Committee
2020-2023	Promotion & Tenure Committee Chair (Richard M. Fairbanks School of Public Health)
2022	IUPUI Strategic Plan 2030 Supporting Translational Research and Creative Activity to Encourage Innovation and Entrepreneurship Subcommittee (Indiana University)
2019-2020	Administrative Review Committee – Dean Review (Indiana University Purdue University Indianapolis)
2019-2020	Faculty Assembly President (Richard M. Fairbanks School of Public Health)
2018-2023	Health Policy & Management Faculty Search Committee Chair (multiple committees for MHA director, open faculty ranks, & department chair)
2018-2020	DrPH Admission Committee (Richard M. Fairbanks School of Public Health)
2017-	Public Health & Population Health Training Grant (T15) Steering Committee (Regenstrief Institute & Richard M. Fairbanks School of Public Health)
2017-2019	Faculty Assembly Steering Committee (Richard M. Fairbanks School of Public Health)
2017	Indiana Network for Population Health Strategic Initiative Co-Champion (Regenstrief Institute)
2017-2019	BSHSM Program Committee (Richard M. Fairbanks School of Public Health)
2015-2019	MHA Program Committee (Richard M. Fairbanks School of Public Health)
2015-	PhD Program Committee (Richard M. Fairbanks School of Public Health)
2015	General Faculty Council (Weill Cornell Medical College)
2012	Faculty Senate (Georgia Southern University)

COMMUNITY SERVICE

2022-2025 Indiana University Health Social Determinants of Health Committee