

# 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      Interim Associate Dean for Research, Indiana University Richard M. Fairbanks School of Public Health at Indiana University - Indianapolis, 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 Top 10 most accessed article of past year in *Implementation Science*
- 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**

- 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. 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*. *In press*.
2. 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*. *In press*.
3. Brumitt GM†, Mazurenko O, Blackburn J, Menachemi N, **Vest JR**. The relationship between home health agencies' financial performance and quality of care. *In press*.
4. 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.000000000000408.
5. Gupta AK, Kasthurirathne SN, ZU H, LI X, Rupper MM, **Vest JR**, Grannis SJ. Manual evaluation of record linkage algorithm performance in four real-world datasets. *Applied Clinical Informatics*. *In press*.
6. 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*. *In press*.
7. 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.
8. **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. PMID:37979059.
9. 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.
10. 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.
11. 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.
12. **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*. *In press*. doi: 10.1016/j.jamda.2023.07.027. PMID: 37709262.

13. **Vest JR** and Mazurenko O. Assessing differences between patient respondents and non-respondents to social risk factor screening in the emergency department. *Journal of Medical Systems*. 47(1):78; 2023. doi: 10.1007/s10916-023-01975-8. PMID: PMC10439727.
14. Magoc T, Allen K<sup>†</sup>, 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*. *In press*. doi: 10.1016/j.ijmedinf.2023.105115. PMID: 37302362.
15. Allen K<sup>†</sup>, 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. PMID: PMC10112959
16. 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
17. Brumitt G<sup>†</sup>, Evans V<sup>†</sup>, **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.
18. Burns A<sup>†</sup>, 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. PMID: PMC10565906.
19. 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.
20. **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. PMID: PMC8963438.
21. Ben-Assulli 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.
22. Tran Y<sup>†</sup>, 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.
23. **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. PMID: PMC8588755.
24. **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.
25. Yeager VA, Taylor HL<sup>†</sup>, 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. PMID: PMC10241440.
26. **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. PMID: PMC8369422.
27. Wiley Jr. KJ<sup>†</sup>, Ellis Hiltz 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.

28. **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/>.
29. **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.
30. 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.
31. **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.
32. 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. PMID: PMC8279783.
33. 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
34. 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.
35. Ben-Assulli 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.
36. **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.
37. 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.
38. 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.
39. 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.
40. **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.
41. Taylor H†, Apathy N†, **Vest JR**. Health information exchange use during dental visits. *AMIA Annual Proceedings 2020*. 2020:1210-1219; 2001. PMID: 33936497.
42. 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.
43. **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.

44. 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.
45. 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
46. 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.
47. 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.
48. 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. PMCID: PMC7007596.
49. 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.
50. **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/ocz134. PMCID: PMC7647237.
51. 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. PMCID: PMC6803891.
52. **Vest JR**, Ellis Hilts K†, Ancker JS, Unruh MA, Jung HY. Usage of query-based health information exchange after event notifications. *JAMIA Open*. 2019; ooz026. doi: 10.1093/jamiaopen/ooaa065. PMCID: PMC6951916.
53. **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.
54. **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.
55. 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.
56. **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.
57. 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.
58. 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.

59. **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.
60. **Vest JR**, Ben-Assuli O. Contribution of different data sources to the prediction of emergency department revisits in a safety-net population. *ICIS 2018 Proceedings*. San Francisco, CA; 2018.
61. Brown-Podgorski BL,† Ellis Hiltz K,† Kash BA, Schmit CD, **Vest JR**. The association between state-level health information exchange laws and hospital participation in community health information organizations. *AMIA Annual Symposium Proceedings 2018*. 2018:313-320. PMID: 30815070 PMID: PMC6371387.
62. **Vest JR**, Jung HY, Wiley Jr K,† Kooreman H, Petit L, Unruh MA. Adoption of health information technology among U.S. nursing facilities. *Journal of the American Medical Directors Association*. 20(8):995–1000; 2019. doi: 10.1016/j.jamda.2018.11.002 PMID: PMC6591108.
63. **Vest JR**, Harle CA, Menachemi N. Guidance on academic presentations for doctoral students and junior faculty. *Journal of Health Administration Education*. 35(4):587-598; 2018.
64. Williams KS,† Harle CA, **Vest JR**, Johnston A, Menachemi N. How and why health administration students should learn how to use an EHR. *Journal of Health Administration Education*. 35(4):575-585; 2018.
65. **Vest JR**, Harris LE, Haut DP, Halverson PK, Menachemi N. Indianapolis provider's use of wraparound services associated with reduced hospitalizations and emergency department visits. *Health Affairs*. 37(10): 1555-1561; 2018. doi: 10.1377/hlthaff.2018.0075. PMID: 30273041.
66. **Vest JR**, Simon K. Hospitals' adoption of intra-system information exchange is negatively associated with inter-system information exchange. *Journal of the American Medical Informatics Association*. 25(9):1189-1196; 2018. doi: 10.1093/jamia/ocy058. PMID: 29860502.
67. Menachemi N, Rahurkar S, Harle CA, **Vest JR**. The benefits of health information exchange: an updated systematic review. *Journal of the American Medical Informatics Association*. 25(9):1259-1265; 2018. doi: 10.1093/jamia/ocy035. PMID: 29718258.
68. **Vest JR**, Caine V, Harris L, Watson D, Menachemi N, Halverson P. Fostering local health department and health system collaboration through case conferences for at-risk and vulnerable populations. *American Journal of Public Health*. 108(5): 649-651; 2018. doi: 10.2105/AJPH.2018.304345. PMID: 29565669.
69. Unruh MA, Jung HY, Kaushal R, **Vest JR**. Hospital Participation in Meaningful Use and Racial Disparities in Readmissions. *American Journal of Managed Care*. 24(1):38-42; 2018. PMID:29350507.
70. Kasthurirathne SN,† **Vest JR**, Menachemi N, Halverson PK, Grannis SJ. Assessing the Capacity of Social Determinants of Health Data to Augment Predictive Models Identifying Patients in Need of Wraparound Social Services. *Journal of the American Medical Informatics Association*. 25(1):47-53; 2018. doi: 10.1093.jamia/ocx130. PMID: 29177457.
71. **Vest JR**, Grannis SJ, Haut DP, Halverson PK, Menachemi N. Using structured and unstructured data to identify patients' need for services that address the social determinants of health. *International Journal of Medical Informatics*. 107:101-106; 2017. doi: 10.1016/j.ijmedinf.2017.09.008. PMID: 29029685.
72. **Vest JR**, Menachemi N. A population ecology perspective on the functioning and future of health information organizations. *Health Care Management Review*. 44(4):344-355; 2019. doi: 10.1097/HMR.000000000000185. PMID: 29095369.
73. **Vest JR**, Greenberger M, Garnatz A. Diverging views on health information exchange organizations. *Learning Health Systems*. 1(3): e10031. doi: 10.1002/lrh2.10031.
74. Yeager VA, **Vest JR**, Walker D, Diana ML, Menachemi N. Challenges to Conducting Health Information Exchange Research and Evaluation. *eGEMs*. 5(1): 1-15; 2017. doi: 10.13063/egems.1290. PMID: 29881735.

75. Unruh MA, Jung HY, **Vest JR**, Casalino LP, Kaushal R, for the HITEC Investigators. Meaningful Use of Electronic Health Records by Outpatient Physicians and Readmissions of Medicare Fee-for-Service Beneficiaries. *Medical Care*. 55(5):493-499; 2017. doi: 10.1097/MLR.0000000000000695. PMID: 28079709.
76. Jung HY, Unruh MA, **Vest JR**, Casalino LP, Kern LM, Grinspan ZM, Boa Y, Kaushal R for the HITEC Investigators. Physician Participation in Meaningful Use and Quality of Care for Medicare Fee-for-Service Enrollees. *Journal of the American Geriatrics Society*. 65(3):608-613; 2017. doi: 10.1111/jgs.14704. PMID: 28008597.
77. Unruh MA, Jung HY, Kaushal R, **Vest JR**. Hospitalization event notifications and reductions in readmissions of Medicare fee-for-service beneficiaries in the Bronx, New York. *Journal of the American Medical Informatics Association*. 24(e1):e150-e156; 2017. doi: 10.1093/jamia/ocw139. PMID: 28395059.
78. Jung HY, Gichoya JW,† **Vest JR**. Providers' access of imaging versus only reports: a system log file analysis. *Journal of the American College of Radiology*. 14(2): 217-223; 2017 doi: 10.1016/j.jacr.2016.06.014. PMID: 27475970.
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†Mentored student / post-doc fellow co-author

### **Publications Currently Under Review**

1. Blackburn J, Harle CA, **Vest JR**. Using area-level measures to decide who to screen: diagnostic performance of two-stage social factors screening.
2. Cuadros Pt, McCord Et, McDonnell C, Apathy NC, Sanner L, Adams MCB, Mamlin BW, **Vest JR**, Hurley RW, Harle CA, Mazurenko O. Barriers, facilitators, and recommendations to increase use of a clinical decision support tool for managing chronic pain in primary care.
3. **Vest JR**, McNamee C, Musey PI Jr. Expert panel identified health-related social needs and methodological considerations for a polysocial risk score. doi: 10.1101/2023.10.17.23297142
4. **Vest JR**, Wu W, Conner K. Clusters of health-related social needs among adult primary care patients.
5. Kampman H†, Ben-Assuli O, **Vest JR**. Assessing latent state transitions in patients with frequent health-related social needs.
6. Gregory M, Kasturi SN, Magoc T, McNamee C, Harle CA, **Vest JR**. Development and validation of computable social phenotypes for health-related social needs.

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

1. **Vest JR**, McNamee C, Musey PI. Expert panel identified health-related social needs and methodological considerations for a polysocial risk score. medRxiv 2023.10.17.23297142; doi: <https://doi.org/10.1101/2023.10.17.23297142>.
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*

### **PATENTS & COPYRIGHTS**

US Patent Application US20200035360A1, " Predictive modeling for health services," 07/26/2019  
 Inventors: Vest, Menachemi, Grannis, Halverson, Kasthurirathne  
 Copyright TXu002389873, "Finding Other Risks & Contexts Electronically (FORCE)," 08/04/2023  
 Owners: Vest, Allen, Cummins

**RESEARCH SUPPORT****Ongoing**

Agency for Healthcare Research & Quality Vest(PI) 5/2021-4/2026  
 [PA18-795] - AHRQ Health Services Research Projects (R01)  
*Predictive modeling for social needs in emergency department settings* (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)  
*Computable social factor phenotyping using EHR and HIE data* (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  
*Skilled Nursing Facility Participation in Health Information Exchange and Quality of Care for Patients with Alzheimer's Disease and Related Dementias* (1R01AG072605-01A1)  
 Role: Co-Investigator \$1,127,536

Centers for Disease Control & Prevention Vest & Wiltshire(Co-PI) 6/2021 – 5/2024  
*Marion County Public Health Department Initiative to Address COVID-19 Health Disparities* (1 nh750t00087-01-00)  
 Role: Center Director & Co- Principal Investigator \$ 590,500

Indiana Department of Corrections Vest(PI) 8/2023-9/2024  
*Social needs screening for department of corrections* (#75501)  
 Role: Principal Investigator \$160,000

**Completed (‡Secured for the Center for Health Policy)**

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)  
*Coeus: An information tool to support safe admission to the nursing home* (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)  
*Improving healthcare processes and outcomes by directly integrating health information exchange data in the clinical workflow* (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)  
*IUCRC Planning Grant Indiana University: Center for Population Health Analytics & Technology [CPHAT]* (2052691)  
 Role: Principal Investigator \$20,000

‡Department of Health & Human Services <i>Advancing Health Literacy in Marion County</i> (1 CPIMP211295-01-00) Role: Center Director	Greene(PI)	7/2021 – 6/2023  \$2,861,449
‡Indiana Community Mental Health Centers <i>Impact of community mental health centers</i> Role: Center Director	Greene (PI)	5/2021-1/2022  \$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) Role: Co-Investigator	Grannis(PI)	7/2017-4/2022  \$1,701,413
The Trustees of Indiana University <i>IU Grand Challenge - Addictions Initiative - The Indiana Addictions Data Commons (IADC)</i> Role: Project Level Co-Investigator	Newhouse(PI); Embi(Project PI)	2/2018-6/2022  \$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) Role: Co-Investigator	Harle(PI)	9/2017 – 8/2022  \$402,261
Marion County Health Department <i>COVID-19 Pandemic Response Technical Assistance</i> Role: Center Director & Principal Investigator	Vest(PI)	9/2020 – 12/2021  \$133,000
Eskenazi Health Foundation <i>Expansion and evaluation of the effectiveness of risk prediction for social needs at Eskenazi Health</i> Role: Principal Investigator	Vest (PI)	11/2019-11/2021  \$110,000
City of Indianapolis (US Department of the Treasury) <i>Contact tracing: Marion County / City of Indianapolis</i> Role: Co-Investigator	Dearth(PI)	5/2020 – 6/2021  \$10,328,010
Vital Strategies <i>COVID Mask Study</i> Role: Principal Investigator	Vest(PI)	9/2020 -5/2021  \$114,000
Indiana State Department of Health <i>Vaccine Plan Evaluation Supplement</i> Role: Center Director	Menachemi(PI)	3/2020 – 6/2021  \$7,000

Indiana State Department of Health, Division of Mental Health and Addition <i>State Epidemiological Outcome Workgroups</i> Role: Co-Investigator & Center Director	Greene (PI)	7/2017-6/2021  \$704,200
‡Indiana Primary Health Care Association <i>Impact of community health centers</i> Role: Center Director	Yeager (Co-PI)	1/2020-8/2020  \$56,133
‡Indiana Primary Health Care Association <i>COVID Virtual Care at Home Model Evaluation</i> Role: Principal Investigator	Vest(PI)	10/2020 – 3/2021  \$58,000
‡Indiana State Department of Health <i>Tobacco Prevention &amp; Cessation: Systems Change Partnership (Contract # 27161)</i> Role: Center Director	Yeager(PI)	7/2018-6/2019  \$72,000
Robert Wood Johnson Foundation <i>Addressing upstream determinants of health through collaboration and analytics (RWJF-75549)</i> Role: Co- Principal Investigator	Vest & Halverson (Co-PI)	8/2018-12/2020  \$1,000,000
New York State Department of Health <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	Vest(Co-PI)	11/2018 – 12/2020  \$655,000
Agency for Healthcare Research & Quality [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	Dixon(PI)	9/2017-8/2019  \$396,587
071647-00002B (IU), Supreme Court of Ohio <i>Regional Judicial Opioid Initiative</i> Role: Co-Investigator	Ray (PI)	1/2018-9/2020  \$1,000,000
Agency for Healthcare Research & Quality [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	Vest(PI)	4/2017-3/2019  \$300,000
Agency for Healthcare Research & Quality [PA-15-147] – AHRQ Health Services Research Projects (R01)	Vest(PI)	9/2016-12/2018

<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	Greene(PI)	8/2017-3/2018
<i>Needs Assessment in Response to the Indiana Network for the Prevention and Treatment of Opioid Addiction</i>		
Role: Co-Investigator		\$72,000
National Library of Medicine (NLM)	Dixon & Schleyer (Co-PIs)	9/2017 – 6/2018
<i>The Indiana Training Program in Public &amp; Population Health Informatics – Administrative Supplement (3T15LM012502-01S1)</i>		
Role: Co-Investigator		\$100,000
New York State Department of Health	Vest(Co-PI)	6/2017 – 5/2018
<i>Effects and value of alert notifications (Contract No.: 14-HITEC-01 SOW 3)</i>		
Role: Co-Principal Investigator		\$190,000
The PEW Charitable Trusts	Grannis(PI)	6/2017-3/2018
<i>[2016-HIT-01] Research Projects on Health Information Technology: Patient Matching, Electronic Health Record Safety and Usability.</i>		
<i>Evaluating the impact of data standardization and normalization on matching effectiveness</i>		
Role: Co-Investigator		\$129,978
National Institute on Drug Abuse (NIDA)	Watson(PI)	9/2017-8/2018
<i>[RFA-DA-18-005] - Expanding Medication Assisted Treatment for Opioid Use Disorders in the Context of the SAMHSA Opioid STR Grants (R21/R33)</i>		
<i>Project POINT: Effectiveness and Scalability of an Overdose Survivor Intervention (1R21DA045850-01)</i>		
Role: Co-Investigator		\$288,341
‡Anthem BCBS Foundation	Staten & Vest(Co-PIs)	12/2016-11/2017
<i>Change is in the Air (069371-00002B)</i>		
Co- Principal Investigator		\$77,250
Marion County Health Department	Vest(PI)	2/2017-1/2018



<i>Using health information exchange to support pediatric household asthma exposure assessment</i>		
Role: Principal Investigator		\$58,000
Health Information & Management System Society (HIMSS)	Vest, Unruh & Jung(Co-PIs)	2/2017-1/2018
<i>Environmental Scan of LTPAC Interoperable Health Information Technology Capabilities</i>		
Role: Co-Principal Investigator		\$90,000
‡Parkview Health Systems	Comer & Vest(Co-PIs)	06/2017 – 01/2018
<i>Assessment of the Implementation Strategies Chosen by Parkview Health System</i>		
Role: Co-Principal Investigator		\$80,000
‡Alaska Department of Health & Social Services	Vest(PI)	1/2017-6/2017
<i>Evaluation Services for the Early Childhood Comprehensive Systems (ECCS) (069344-00002B)</i>		
Role: Principal Investigator		\$120,000
‡Robert Wood Johnson Foundation (Princeton) State Health and Value Strategies Program	Vest(PI)	6/2016-6/2018
<i>Indiana Health Information Exchange Summit</i>		
Principal Investigator		\$39,636
Centers for Disease Control & Prevention (CDC) [CE15-1501] – Prescription Drug Overdose – Prevention for States	Waston(PI)	3/2016-8/2017
<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: 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 [PAR08-268] - Small research grant to improve health care quality through health information technology (R03)	Vest(PI)	9/2013 – 12/2015
<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

*Usage of image-sharing technology: a taxonomy.*

Role: Co-Principal Investigator \$43,000

City of New York Vest(PI) 2015

*Public Health Scholars*

Role: Principal Investigator (resigned contract when left WCMC faculty position) \$695,895

National Institutes of Health [RFA-MD-11-002] Luque(PI) 01/2010 – 12/2013

- National Institute on Minority Health &  
Health Disparities NIMHD Exploratory Centers  
of Excellence (P20)

*Barbers Against Prostate Cancer - Establishing a Center of Excellence on Health Disparities in Rural Populations*

Role: Investigator

New York State eHealth Collaborative Kaushal (PI)

*State-level health information exchange program evaluation*

Role: Investigator

New York State Department of Health Kaushal (PI) 1/2010 – 12/2013

*Evaluation of the Healthcare Efficiency and Affordability Law for New Yorkers Program (HEAL NY) – Phase 10*

Role: Investigator

New York State Department of Health Kaushal (PI) 1/2011-12/2013

*Evaluation of the Healthcare Efficiency and Affordability Law for New Yorkers Program (HEAL NY) – Phase 17*

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		
OVCR COVID-19 Rapid Response Grant	Vest(PI)	5/2020 – 5/2021
<i>Measuring patients' social risk factors to understand infectious disease and health disparities</i>		
Role: Principal Investigator		\$15,000
Indiana Clinical Translational Sciences Institute		5/2020 – 5/2022
Project Development Teams	Vest(PI)	
<i>Translating existing electronic data into computable social factor phenotypes</i>		
Role: Principal Investigator		\$10,000
Regenstrief Institute	Unroe & Vest(Co-PIs)	3/2019 – 3/2020
Cross-Center Pilot Grant		
An exploration of provider decision-making factors in the Emergency Department		
Role: Co-Principal Investigator		\$20,000
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		
<i>Analytics for administrators: adapting novel clinical data platform for health administration education</i>		
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. ( <a href="http://www.health.state.mn.us/e-health/hie/study/hie-study-report-2018.pdf">http://www.health.state.mn.us/e-health/hie/study/hie-study-report-2018.pdf</a> )
2016	Advisor to the Community Health Peer Learning Program (AcademyHealth)
2015	Office of the National Coordinator for Health Information Technology Measurement Workgroup. ( <a href="https://www.healthit.gov/sites/default/files/measurementfinrpt.pdf">https://www.healthit.gov/sites/default/files/measurementfinrpt.pdf</a> )
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 National Institutes of Health, Small Business: Social and Community Influences across the Lifecourse (SCIL 10)
- 2022 National Institutes of Health, Small Business: Disease Management, Risk Prevention, and Health Behavior Change (ZRG1)
- 2021 National Institutes of Health, Business: Disease Prevention and Management, Risk Reduction 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

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

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*. Current.

- 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 – IUPUI)

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

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

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

Health Care Organizations Research (PhD seminar – IUPUI)

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)

ERSI Authorized Training Program – Introduction to ArcGIS I and Introduction to ArcGIS II (2004-2007)

**PROFESSIONAL AFFILIATIONS**

AcademyHealth

Academy of Management

American Medical Informatics Association

Healthcare Information & Management Systems Society

**MEDIA INTERVIEWS & APPEARANCES**

WRTV Indianapolis (1/2021)

WTHR Indianapolis (1/2021)

<https://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)

<https://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)

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

WFYI Indianapolis (10/2018)

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

WKVI (04/2018)

<https://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)

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

Northwest Indiana Times (04/2018)

[http://www.nwitimes.com/news/local/laporte/laporte-county-opioid-study-sets-stage-for-action/article\\_bdf3ffe9-1ec7-5afb-b651-0f04f8305bbf.html](http://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)

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

La Porte Herald Argus (04/2018)

[http://www.heraldargus.com/news/no-easy-solutions-to-opioid-crisis/article\\_b4b6b824-fd4c-5596-a4ea-367663f74580.html](http://www.heraldargus.com/news/no-easy-solutions-to-opioid-crisis/article_b4b6b824-fd4c-5596-a4ea-367663f74580.html)

ABC 57 South Bend (04/2018)

<http://www.abc57.com/news/la-porte-nonprofit-releases-opioid-report>

Northwest Indiana Times (04/2018)

[http://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](http://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)

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

Healthcare Informatics (12/2017)

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

Chicago Medicine (12/2015)

<http://www.cmsdocs.org/news-publications/chicago-medicine-magazine/2015-issues/December2015.pdf>

Kansas City Star (9/2015)

<http://www.kansascity.com/news/business/health-care/article31574180.html>

WXXI Rochester, NY NPR (1/2015)

<http://wxnews.org/post/more-patient-information-means-less-x-rays-study-shows>

AuntMinnie.com (1/2015)

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

Medscape (12/2014)

<http://www.medscape.com/viewarticle/835731>

PoliticoNew York (3/2014)

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

## UNIVERSITY SERVICE

- 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**

- 2022-2023 Indiana University Health Social Determinants of Health Committee