

Nate C. Apathy, PhD

nca@umd.edu

913.530.5741 | nateapathy.com

Current Appointments

Assistant Professor , Health Policy & Management University of Maryland School of Public Health	Jan. 2024 – Present
Affiliated Faculty , Center for Population Health University of Maryland Institute for Health Computing	May 2024 – Present
Research Scientist , Veterans Health Administration EMPIRIC Evaluation Initiative, Bedford VA Healthcare System	Aug. 2024 – Present
Affiliated Research Scientist , Regenstrief Institute	2020 – Present
Consulting Researcher & Chief Technology Officer Glendeven Research, LLC	2026 – Present

Education

PhD, Health Policy & Management Richard M. Fairbanks School of Public Health Dissertation: <i>Health information exchange use in primary care</i>	Indiana University, 2020 Indianapolis, IN
BS, Business Administration (summa cum laude) Economics, Behavioral and Cognitive Neuropsychology	Creighton University, 2011 Omaha, NE

Prior Academic Appointments & Employment

MedStar Health Research Institute , Washington, D.C. Research Scientist, National Center for Human Factors in Healthcare	2022 – 2023
University of Pennsylvania Perelman School of Medicine Postdoctoral Fellow, Health Services Research (AHRQ T32) Associate Fellow, Leonard Davis Institute of Health Economics	2020 – 2022
Indiana University Fairbanks School of Public Health <i>Department of Health Policy & Management</i> Doctoral Student Fellowship, Health Informatics (NLM T15) Graduate Research Assistant to <i>Christopher A. Harle, PhD</i>	2016 – 2020 2017 – 2020 2016 – 2020
Cerner Corporation (now Oracle Health), Kansas City, MO Program Manager, Research Solutions	2011 – 2016

Active Grants

Using EHR Usage Metadata to Improve Medicare Physician Payment Policy (\$350,000) Role: Co-Principal Investigator (w/ Holmgren) Sponsor: Arnold Ventures Dates: October 2026 – September 2028	
Feasibility of EHR Audit Log-Derived Estimation of Standardized Time Inputs (\$141,000) Role: Co-Principal Investigator (w/ Holmgren) Sponsor: American Medical Association (RUC) Dates: December 2025 – November 2026	

Feasibility of Audit Log Data for Estimating Face-to-Face Time (\$20,000)

Role: Principal Investigator | Sponsor: University of Pennsylvania Observer Pilot Award (AI-4-AI Lab)

Dates: January 2026 – December 2026

Health Information Exchange Outcomes Research Partnership: CRISP Shared Services & UMD (\$25,000)

Role: Principal Investigator | Sponsor: CRISP Shared Services, Inc.

Dates: August 2025 – December 2026

The Last Mile of Interoperability: Integrating Outside Data into Clinical Workflows to Improve Care (\$1,456,736)

Role: Principal Investigator (MPI: Holmgren) | Sponsor: NIH National Library of Medicine

Project Number: R01LM014770 | Dates: August 2025 – May 2029

Organizing Chaos: Measuring Daily Schedule Volatility for Ambulatory Physicians (\$60,000)

Role: Principal Investigator | Sponsor: American Medical Association

Dates: January 2025 – December 2026

Completed Funding and Grants

Assessing EHR Documentation Burden Across Payment Models (\$271,000)

Role: Co-Principal Investigator (w/ Holmgren) | Sponsor: HHS Asst. Secretary for Technology Policy

Dates: December 2023 – August 2025

The effects of team-based ordering workflows (\$50,000)

Role: Principal Investigator | Sponsor: American Medical Association

Dates: July 2024 – June 2025

Understanding primary care physician inbox prioritization (\$60,000)

Role: Principal Investigator | Sponsor: American Medical Association

Dates: June 2023 – May 2024

Establishing National Benchmarks of Physician EHR Burden (\$18,856)

Role: Co-Principal Investigator (w/ Holmgren) | Sponsor: American Medical Association

Dates: December 2023 – January 2024

Reviewing the Evidence on Payment Policy and EHR Documentation Burden (\$47,029)

Role: Co-PI (w/ Holmgren) | Sponsor: HHS Office of the National Coordinator for Health IT

Dates: April 2023 – August 2023

Improving Providers' Decision-Making and Reducing Information Overload Using Information Visualization in EHRs

Role: Site PI, MedStar Health (PI: Khairat) | Sponsor: NIH National Library of Medicine

Project Number: R01LM013606 | Dates: January 2023 – December 2023

Peer-Reviewed Publications

* denotes shared first authorship | ‡ denotes advisee co-author

1. Marchalik, D; Tran, A; **Apathy, NC**. [Relative importance of senior leaders compared with direct supervisors in clinician burnout](#). *BMJ Leader*. 29 June 2026.
2. Holmgren, AJ; **Apathy, NC**; Mehrotra, A; Chernew, ME. The Uneven Distribution of Patient Portal Messages Across Patients and Physicians. *Health Affairs*. In Press.
3. McCord, E; **Apathy, NC**; Blackburn, J; Holmes, AM; Sanner, LM; Harle, CA; Mazurenko, O. [Factors associated with Chronic Pain Clinical Decision Support Use in Primary Care](#). *PLOS Digital Health*. 16 Jul 2026.
4. Smith, JA; Everson, J; Siegel, NM; Huffstetler, A; Holmgren, AJ; **Apathy, NC**. [A Retrospective Study Evaluating the Utilization of G2211](#). *Annals of Internal Medicine*. 7 Apr 2026.

5. Li, H; Khanna, VV; **Apathy, NC**; Holmgren, AJ; Loza, AJ; Melnick, ER. [Electronic Health Record Use Factors Linked to Efficiency and Productivity: An Explainable Machine Learning Analysis](#). *Journal of the American Medical Informatics Association – Open*. 25 Feb 2026.
6. Khairat, S; Morelli, J; Yang, S; Li, Y; Herasevich, V; Mohan, D; Handzel, R; Ratwani, RM; **Apathy, NC**; Boynton, MH; Carson, SS. [Association of patient complexity with information processing and usability of electronic health records among ICU providers: a multicenter study](#). *Journal of the American Medical Informatics Association*. 20 Feb 2026.
7. Weinreb, GG; Holmgren, AJ; **Apathy, NC**; Bates, DW; Landon, BE; Rotenstein, LS. [Changes in Primary Care Physicians' Electronic Health Record Patterns after Clinical Visit Reductions](#). *Health Affairs*. Feb 2026.
8. **Apathy, NC**; #Yan, AS; Holmgren, AJ. [The impact of team-based ordering workflows on ambulatory physician EHR time, order volume, and visit volume](#). *Health Services Research*. 6 Sept 2025.
9. Holmgren, AJ; **Apathy, NC**; Kanter, G. [Electronic Health Record Market Consolidation and Implications for Cybersecurity](#). *Health Affairs Scholar*. 18 Aug 2025.
10. Mazurenko, OM; **Apathy, NC**; Sanner, L; McCord, E; Adams, MCB; Hurley, RW; Grout, RW; Mamlin, B; Fortin, S; Blackburn, J; Menachemi, N; Vest, JR; Gurka, M; Harle, CA. [Evaluating a Clinical Decision Support for Chronic Pain Management in Primary Care](#). *Applied Clinical Informatics*. 18 Nov 2025.
11. #Yan, AS; **Apathy, NC**; Chen, J. [Adoption of Health Information Technologies by Area Socioeconomic Deprivation Among U.S. Hospitals](#). *JAMA Health Forum*. 5 Sept 2025.
12. Li, H; **Apathy, NC**; Holmgren, AJ; Melnick, ER; McDougal, RA. [Imputation of missing aggregate EHR audit log data across individual and multiple organizations](#). *Journal of Biomedical Informatics*. 18 Feb 2025.
13. Holmgren, AJ; **Apathy, NC**; Crews, J; Shanafelt, T. [National Trends in Oncology Specialists' EHR Inbox Work, 2019 – 2022](#). *Journal of the National Cancer Institute*. 3 March 2025.
14. Tawfik, D; Rule, A; Alexanian, A; Cross, D; Holmgren, AJ; Lou, SS; McPeck-Hinz, E; Rose, C; Viswanadham, RVN; Mishuris, RG; Rodríguez-Fernández, JM; Ford, E; Florig, S; Sinsky, CA; **Apathy NC**. [Emerging domains for measuring healthcare delivery with electronic health record metadata](#). *Journal of Medical Internet Research*. 6 March 2025.
15. Holmgren, AJ; ***Apathy, NC**; Rotenstein, LR; Sinsky, C; Bates, DW; Adler-Milstein, J. [Assessing Trends in EHR Message Volume and Impact on Physician EHR Time](#). *JAMA Internal Medicine*. 24 Feb 2025.
16. Nong, P; Adler-Milstein, J; **Apathy, NC**; Holmgren, AJ; Everson, J. [Current Use and Evaluation of Predictive Models in US Hospitals](#). *Health Affairs*. 2025;44(1).
17. **Apathy, NC**; #Hicks, K; Bocknek, L; Zabala, G; Adams, KT; Gomes, KM; Saggat, T. [Inbox message prioritization and management approaches in primary care](#). *Journal of the American Medical Informatics Association – Open*. 2024;7(4).
18. Cuadros, P; McCord, E; McDonnell, C; **Apathy, NC**; Sanner, L; Adams, M; Mamlin, B; Vest, J; 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*. 10 Oct 2024.
19. **Apathy, NC**; Everson, J; Nong, P; Holmgren, AJ; Adler-Milstein, J. [Trending in the right direction: Critical access hospitals increased adoption of advanced EHR functions 2018 to 2023](#). *Journal of the American Medical Informatics Association*. 6 Nov 2024.
20. Sinsky, C; Rotenstein, LR; Holmgren, AJ; **Apathy, NC**. [The Number of Patient Scheduled Hours Resulting in a 40-Hour Work Week by Physician Specialty and Setting: A Cross-Sectional Study using EHR Event Log Data](#). *Journal of the American Medical Informatics Association*. 16 Oct 2024.

21. Holmgren, AJ; Adler-Milstein, J; **Apathy, NC**. [EHR Documentation Burden Crowds Out Health Information Exchange Use](#). *Health Affairs*. 4 Nov 2024.
22. **Apathy, NC**; Holmgren, AJ; Cross, DA. [Physician EHR Time and Visit Volume Following Adoption of Team-Based Documentation Support](#). *JAMA Internal Medicine*. 26 Aug 2024.
23. **Apathy, NC**; Hartman-Hall, H; Tran, A; Kim, D; Ratwani, RM; Marchalik, D. [Accounting for taste: preferences mediate the relationship between documentation time and physician burnout](#). *Journal of the American Medical Informatics Association*. 17 July 2024.
24. Holmgren, AJ; Sinsky, C; Rotenstein, LR; **Apathy, NC**. [National comparison of ambulatory physician electronic health record use across specialties](#). *Journal of General Internal Medicine*. 9 July 2024.
25. **Apathy, NC**; Biro, J; Holmgren, AJ. [Consistency is key: Documentation distribution and efficiency in primary care](#). *Journal of the American Medical Informatics Association*. 21 June 2024.
26. Gomes, KM; **Apathy, NC**; Krevat, S; Booker, E; Ratwani, RM. [Telehealth Safety Framework: Addressing a New Frontier in Patient Safety](#). *Journal of Patient Safety*. 6 June 2024.
27. **Apathy, NC**; Zabala, G; Gomes, KM; Spaar, P; Krevat, S; Ratwani, RM. [Telemedicine Mix and Electronic Health Record Use in Primary Care](#). *JAMA Network Open*. 2024;7(4):e248060.
28. **Apathy, NC**; Patel, V; Rolle, TL; Holmgren, AJ. [Physicians in ACOs report greater documentation burden](#). *American Journal of Managed Care*. 2024;30(6).
29. Dixon, BE; **Apathy, NC**. [Interoperability in the Wild: Comparison of Real-World Electronic C-CDA Documents from Two Sources](#). *Studies in Health Technology and Informatics*. 25 January 2024.
30. Rule, A; Kannampallil, T; Hribar, MR; Dziorny, AC; Thombly, R; **Apathy, NC**; Adler-Milstein, J. [Guidance For Reporting Analyses of Metadata on Electronic Health Record Use](#). *Journal of the American Medical Informatics Association*. 20 December 2023.
31. Milicia, AP; Handley, JL; Boxley, CL; Busog, DNC; Krevat, S; **Apathy, NC**; Marchalik, D; Ratwani, RM; Franklin, ES. [Are They Aligned? An Analysis of Social Media-Based Nurse Well-Being Concerns and Well-Being Programs](#). *Patient Safety*. 2023;5(3):88305.
32. Levy, DR; Moy, AJ; **Apathy, NC**; Adler-Milstein, J; Rotenstein, L; Nath, B; Rosenbloom, ST; Kannampallil, T; Mishuris, RG; Alexanian, A; Sieja, A; Hribar, MR; Patel, JS; Sinsky, CA; Melnick, ER. [Identifying and Addressing Barriers to Implementing Core EHR Use Metrics for Ambulatory Care: Virtual Consensus Conference Proceedings](#). *Applied Clinical Informatics*. 2023;14(5).
33. Templeton, ZS; **Apathy, NC**; Konetzka RT; Skira M; Werner RM. [The Health Effects of Nursing Home Specialization in Post-Acute Care](#). *Journal of Health Economics*. 2023;92:102823.
34. Mazurenko, O; McCord, E; McDonnell, C; **Apathy, NC**; Sanner, LM; Adams, MCB; Mamlin, B; Vest, JR; Hurley, RW; Harle, CA. [Examining primary care provider experiences with using a clinical decision support tool for pain management](#). *JAMIA Open*. 2023;6(3).
35. Cross, DA; Holmgren, AJ; **Apathy, NC**. [The Role of Organizations in Shaping Physician Use of Electronic Health Records](#). *Health Services Research*. 2023.
36. **Apathy, NC**; Dixit, R; Boxley, C; Adams, K; Booker, E; Ratwani, RM. [Variations in Physician Telemedicine Provision](#). *JAMA Network Open*. 2023;6(7).
37. Rotenstein, LR; **Apathy, NC**; Edgman-Levitan, S; Landon, B. [Comparison of Work Patterns Between Physicians and Advanced Practice Practitioners in Primary Care and Specialty Practice Settings](#). *JAMA Network Open*. 2023;6(6).

38. **Apathy, NC**; Rotenstein, LR; Bates, DW; Holmgren, AJ. [Documentation dynamics: Note composition, burden, and physician efficiency](#). *Health Services Research*. 2023;58(3).
39. Holmgren, AJ; **Apathy, NC**. [Trends in US Hospital Electronic Health Record Vendor Market Concentration, 2012 – 2021](#). *Journal of General Internal Medicine*. 2023;38(7).
40. **Apathy, NC**; #Hare, AJ; #Fendrich, S; Cross DA. [I Had Not Time to Make it Shorter: An exploratory analysis of how physicians reduce note length and time in notes](#). *Journal of the American Medical Informatics Association*. 2023;30(2).
41. Rotenstein, LR; **Apathy, NC**; Holmgren, AJ; Bates, DW. [Physician Note Composition Patterns and Time on the EHR Across Specialty Types: A National, Cross-Sectional Study](#). *Journal of General Internal Medicine*. 2023;38(5).
42. Rule, A; Melnick, ER; **Apathy, NC**. [Using Event Logs to Observe Interactions with Electronic Health Records: An Updated Scoping Review Shows Increasing Use of Vendor-Derived Measures](#). *Journal of the American Medical Informatics Association*. 2023;30(1).
43. **Apathy, NC**; Howe, JL; Krevat, SA; Hettinger, AZ; Bates, DW; Classen, D; Ratwani, RM. [Federal Electronic Health Record Legal Settlements Since the HITECH Act](#). *JAMA Health Forum*. 2022;3(11).
44. **Apathy, NC**; Sanner, LM; Adams, MCB; Mamlin, B; Grout, R; Fortin, S; Hillstrom, J; Saha, A; 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*. 2022;5(3).
45. Holmgren, AJ; **Apathy, NC**. [Assessing the Impact of Patient Access to Electronic Health Information on Clinician Electronic Health Record Documentation](#). *Journal of the American Medical Informatics Association*. 2022;29(10).
46. Rotenstein, LR; **Apathy, NC**; Bates, DW; Landon, B. [Variation in Support for Documentation Among Primary Care Physicians by Gender](#). *Journal of the American Board of Family Medicine*. 2022;35(4)
47. Mazurenko, O; Sanner, LM; **Apathy, NC**; Mamlin, BW; Menachemi, N; Adams, MCB; Hurley, RW; Fortin-Erazo, S; Harle, CA. [Evaluation of electronic recruitment efforts of primary care providers as research subjects during the COVID-19 pandemic](#). *BMC Primary Care*. 2022;23(95).
48. Rotenstein, LR; **Apathy, NC**; Landon, B; Bates, DW. [Assessment of Satisfaction With the Electronic Health Record Among Physicians in Physician-Owned vs Non-Physician-Owned Practices](#). *JAMA Network Open*. 2022;5(4).
49. **Apathy, NC**; #Hare, AJ; #Fendrich, S; Cross DA. [Early Changes in Billing and Notes after the Evaluation and Management Guideline Change](#). *Annals of Internal Medicine*. 2022;175(4).
50. **Apathy, NC**; Holmgren, AJ; Werner, RM. [Growth in health information exchange with ACO market penetration](#). *American Journal of Managed Care*. 2022;28(1).
51. #Nguyen, OT; Turner, K; **Apathy, NC**; Magoc, T; Hanna, K; Merlo, LJ; Harle, CA; Thompson, LA; Berner, ES; Feldman, SS. [Primary care physicians' electronic health record proficiency and efficiency behaviors and time interacting with electronic health records](#). *Journal of the American Medical Informatics Association*. 2022;23(2).
52. Werner, RM; Templeton, Z; **Apathy, NC**; Skira, MM; Konetzka, RT. [Trends in post-acute care in US nursing homes: 2001 to 2017](#). *Journal of the American Medical Directors Association*. 2021;22(12).
53. **Apathy, NC**; Holmgren, AJ; Adler-Milstein, J. [A Decade Post-HITECH: Critical Access Hospitals have EHRs but Struggle to Keep Up with Other Advanced Functions](#). *Journal of the American Medical Informatics Association*. 2021;28(9).

54. **Apathy, NC**; Vest, JR; Adler-Milstein, J; Blackburn, J; Harle, CA. [Practice and market factors associated with provider volume of health information exchange](#). *Journal of the American Medical Informatics Association*. 2021;28(7).
55. Baxter, SL; **Apathy, NC**; Cross, DA; Sinsky, C; Hribar, ME. [Measures of electronic health record use in outpatient settings across vendors](#). *Journal of the American Medical Informatics Association*. 2021; 28(5).
56. Taylor, HL; **Apathy, NC**; Vest, JR. [Health information exchange use during dental visits](#). *AMIA Annual Symposium Proceedings*. 2020 Nov. *Student Paper Competition Finalist*
57. **Apathy, NC**; Everson, J. [High rates of partial participation in the first year of the Merit-Based Incentive Program](#). *Health Affairs*. 2020;39(9).
58. **Apathy, NC**; Harle, CA; Vest, JR; Morea, JG; Menachemi, N. [Use of electronic health records on days off: Comparing physicians to other EHR users](#). *Journal of General Internal Medicine*. 2020;36(4).
59. Holmgren, AJ; **Apathy, NC**. [Evaluation of Prescription Drug Monitoring Program Integration With Hospital Electronic Health Records by US County-Level Opioid Prescribing Rates](#). *JAMA Network Open*. 2020;3(6).
60. Holmgren, AJ; **Apathy, NC**; Adler-Milstein, J. [Barriers to Hospital Public Health Reporting and Implications for the COVID-19 Pandemic](#). *Journal of the American Medical Informatics Association*. 2020;27(8).
61. **Apathy, NC**; Holmgren, AJ. [Opt-in consent policies: potential barriers to hospital health information exchange](#). *American Journal of Managed Care*. 2020;26(1).
62. Comer, AR; **Apathy, NC**; Waite C; Bestmann Z; Bradshaw J; Burchfield E; Harmon B; Legg R; Meyer S; O'Brien P; Sabec M; Sayeed J; Weaver A; D'Cruz L; Bartlett S; Marchand M; Zepeda I; Finnell, JT; Grannis, S; Silverman, RD; Embi, PJ. [E-scooters: Assessing the Threat to Public Health and Safety in Setting Policies](#). *Chronicles of Health Impact Assessment*. 2020;5(1).
63. Holmgren, AJ; **Apathy, NC**. [Hospital adoption of API-enabled patient data access](#). *Healthcare: The Journal of Delivery Science and Innovation*. 2019;8.
64. Balio, CP; **Apathy, NC**; Danek, R. [Health information technology and accountable care organizations: synthesis of the literature and future directions](#). *eGEMs (Generating Evidence & Methods to improve patient outcomes)*. 2019;7(1):24.
65. **Apathy NC**; Yeager VA. [Examining Training Motivations Among Public Health Workers](#). *Journal of Public Health Management and Practice*. 2019;25(2), Public Health Workforce Interests and Needs Survey 2017: S157–65.
66. Harle, CA; **Apathy, NC**; Cook, RL; Danielson, EC; Dilulio, J; Downs, SM; Hurley, RW; Mamlin, BW; Militello, LG; Anders, S. [Information Needs and Requirements for Decision Support in Primary Care: An Analysis of Chronic Pain Care](#). *AMIA Annual Symposium Proceedings*. 2018 Nov.
67. **Apathy, NC**; Menser, T; Keeran, L; Ford, EW; Harle, CA; Huerta, TR. [Trends and gaps in awareness of direct-to-consumer genetic tests from 2007-2014](#). *American Journal of Preventive Medicine*. 2018 Jun 1;54(6).
68. Mosa, AS; Yoo, I; **Apathy, NC**; Ko, KJ; Parker, JC. [Secondary Use of Clinical Data to Enable Data-Driven Translational Science with Trustworthy Access Management](#). *Missouri Medicine*. 2015;112(6)

Other Publications

1. **Apathy, NC**. [The Health Information Technology Special Issue: Tracking Expansion Across Settings, Technologies, and Stakeholders](#). *American Journal of Managed Care Health IT Special Issue*. 27 Jan 2026.

Research in Progress

Apathy, NC; Cohen, GR; Rosenthal, S; Holmgren, AJ. Physician Documentation Burden Across Payment Environments. (Under Review)

Apathy, NC; Sterling, R; Coogan, S; Bilodeau, C; Wong, E; Rinne, S. EHR Use Metrics and Subjective User Experience in the Federal EHR. (Under Review)

Apathy, NC; Holmgren, AJ; Greenstein, S. The Impact of the HITECH Act on Health IT Innovation. (In Preparation)

Apathy, NC; Kodali, S; Presutti, M. Off the rails: Daily clinic schedule volatility in primary care. (In Preparation)

Apathy, NC. Patient attributed time sequences (PATS): A straightforward method to estimate clinician work time for individual patients using electronic health record audit logs. (In Preparation)

Apathy, NC. Estimating physician-patient face-to-face time using EHR audit logs. (In Preparation)

Apathy, NC. Daily primary care physician work for patients without visits. (In Preparation)

Book Chapters

Holmgren, AJ; Steitz, BD; Lou, SS; & **Apathy, NC**. [Using Electronic Health Record Metadata to Understand Clinician Work and Behavior](#). In: Zheng, K; Westbrook, J; & Patel, VL Editors. *Cognitive Informatics in Biomedicine and Healthcare*. Springer Nature Press. April 2025.

Dixon, BE; Rahurkar, S; & **Apathy, NC**. Health Information Exchange. In: Magnuson, JA; Dixon, BE, editors. *Public Health Informatics and Information Systems*, 3rd edition. Springer London. August 2020.

Patents

Harle, CA; Mamlin, B; Hurley, RW; **Apathy, NC**; Downs, SM; Dilulio, J. *Methods and Systems for Risk Assessment and Risk Prediction in Opioid Prescriptions and Pain Management Treatment*. US Patent Appln. No. 2021/0050113A1. Pub. Date Feb 18, 2021.

Teaching

University of Maryland School of Public Health, College Park, MD

HLSA711: Health Economics & Analysis	Instructor (<i>rating: 4/4</i>)	Fall 2024, Fall 2025
EPIB684: Using Healthcare Data for Epidemiologic Research	Guest Lecturer	Spring 2026

University of Maryland School of Medicine, Baltimore, MD

PREV710: Clinical & Translational Research Project Design & Implementation	Guest Lecturer	Spring 2026
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Georgetown University, Washington, D.C.

HIDS507: Digital Health Applications	Guest Lecturer	Spring 2023
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Indiana University Richard M. Fairbanks School of Public Health, Indianapolis, IN

H320: Health Systems Administration	Guest Lecturer	Fall 2019
H325: Health Information Technology Management & Policy	Instructor (<i>rating: 4.7/5</i>)	Fall 2018, Fall 2019
E335: Chronic Disease Epidemiology	Guest Lecturer	Spring 2018
H628: Healthcare Information Systems	Teaching Assistant	Spring 2017, Spring 2019

Invited Speaking

Nexus Informatics Conference, Research Keynote, April 2026
UMD Center on Aging: Data for Aging Research Panelist, November 2025
American College of Physicians Coding & Payment Policy Subcommittee, October 2025
American College of Physicians Subspecialty Advisory Group on Socioeconomic Affairs, October 2025
Penn State University Center for Health Care Policy & Research Seminar, October 2025
Prince George's County Board of Health: Primary Care Access in Prince George's County, October 2025
American Medical Association RVS Update Committee (RUC) Conference, September 2025
Veterans Affairs PROVEN EHR Modernization Research Summit, March 2025
CMS Office of Burden Reduction & Health Informatics (OBRHI): Optimizing Healthcare Delivery to Improve Patient Lives Conference, December 2024
CMS OBRHI Future of the American Healthcare Workforce Roundtable, June 2024
Yale University & American Medical Association EHR Use Measurement Consensus Conference, Nov. 2022
National Academy of Medicine [Clinician Wellbeing Convening on Reducing Documentation Burden](#), Jan. '22
The Practice of Medicine: MIPS and the Social Determinants of Health, Oct. 2020 [Health Affairs Event](#)
National Library of Medicine & Support for Health Services Research, Aug. 2020

Honors & Awards

UMD School of Public Health, Research & Development Award (Early Career)	2026
UMD Vice President for Research, Research Excellence Award	2026
UMD Vice President for Research, Research Excellence Award	2025
Delta Omega (Public Health Honors Society)	April 2020
Med About Data Hackathon (Haifa, Israel) – Second Place	March 2019
IUPUI University Fellowship	Aug 2016 – Jul 2017
Population Health Leadership Development Program	Jan 2015 – Dec 2015
Cerner Masters Award	Aug 2014

Editorial Service

Peer Review: *Health Affairs*; *Milbank Quarterly*; *Health Services Research*; *American Journal of Managed Care*; *Journal of General Internal Medicine*; *JAMA Network Open*; *Journal of the American Medical Informatics Association*; *Applied Clinical Informatics*; *Journal of Medical Internet Research*; *Digital Health, Risk Management & Healthcare Policy*; *Health Policy & Technology*; *PLoS One*; *International Journal of Health Economics & Management*; *Medical Care*; *BMC Health Services Research*, *Learning Health Systems*

Journal of the American Medical Informatics Association	Editorial Board Member, 2025-27
American Journal of Managed Care Health IT Special Issue, Jan 2026	Guest Editor
International Conference on Information Systems, 2019 & 2021	Conference Submission Review
AcademyHealth Annual Research Meeting, 2019-2023	Theme Reviewer & Session Chair
<i>Digital Technologies, Data, and Data Science Theme</i>	
AMIA Annual Symposium	Conference Submission Review
AMIA Informatics Summits	Conference Submission Review

Professional Memberships & Certifications

Epic Cosmos: Data Architect, Data Science, Cosmos SuperUser	2026 – Present
American Medical Informatics Association (AMIA)	2013 – Present
AcademyHealth	2016 – Present
American Society of Health Economists	2020 – Present
American Public Health Association	2019 – 2020
Health Information & Management Systems Society (HIMSS)	2016 – 2021

Leadership & Service

AcademyHealth Professional Development Council, Member	Aug 2025 – Current
AMIA Annual Symposium Student Paper Competition Committee, Member	Aug 2025 – Current
Maryland Health Benefits Exchange Standing Advisory Committee	Jan 2025 – Current
AcademyHealth Organizational Representative, University of Maryland	Fall 2024 – Current
AMIA Clinical Informatics Conference 2024 Scientific Prog. Cmte., Vice Chair	Spring 2024
National Research Network Audit Log Measures Workgroup, Chair	Spring 2020 – 2023
AMIA Advancing Health Equity & Antiracism in Healthcare Committee, Member	2021 – 2023
Leonard Davis Institute Associate Fellows Bootcamp: Intro to R, Instructor	November 2021
Summer Undergraduate Minority Research Scholars Program, R Tutor	Summer 2021
AMIA Annual Symposium, Session Moderator	Fall 2019
Collaborating Across Borders VII Conference, Session Moderator	Fall 2019
Indiana State Department of Health R Training Workshop, Instructor	July 2019
AMIA Policy Response Team, ONC Notices of Proposed Rulemaking <i>Draft Federal Health IT Strategic Plan</i>	Spring 2020
<i>21st Century Cures, Information Blocking</i>	Spring 2019
NLM Informatics Training Conference, 2018 & 2019 <i>Student Planning Committee Co-Chair</i>	Nov. 2018 – June 2019
<i>Student Planning Committee Member</i>	Jan. 2018 – June 2018
AcademyHealth Student Competition: Identifying Gaps in HSR, Judge	April 2018
hsR: Using R for Health Services Research, Workshop Instructor	Spring 2018
AcademyHealth Student Chapter at IUPUI, President & Co-Founder	Feb. 2017 – March 2019

Open-Source Software & Web Applications

patentsview2 R package	patentsview & dplyr	v2.0.0 released December 2025
<i>R package to facilitate queries using the PatentsView API in support of research on innovation, measured by patenting rates. Allows for querying by CPC Subclass. Collaboration with Russ Allen.</i>		
ncaMisc R package	rvest, ggplot2, scholar, etc.	v0.1.0 released April 2022
<i>Set of R functions that I use in my research projects, available for others to install via GitHub: github.com/nateapathy/ncaMisc. Features Google Scholar scraping function & ggplot2 theme</i>		
Economics Seminar Diversity	RShiny Dashboard w/ ggplot2	v2.0.0 deployed August 2019
<i>Interactive visualizations of invited seminar speakers to examine representation of female and under-represented minority economists at university economics departments</i>		
CHF Risk Prediction Tool (Demo)	RShiny, randomForest, & ggplot2	v1.2.1 deployed March 2019
<i>Interactive visualization of risk scores for CHF at the population level, with option to view individual level risk factors underlying low, rising, or high-risk prediction</i>		
Opioid Prescribing Rate Visualization Tool	RShiny, ggplot2, & leaflet	v2.0.0 deployed August 2018
<i>Interactive mapping visualization of CDC prescribing rates and changes over time by county and state</i>		
EHR Survey Response Visualizer	RShiny & ggplot2	v2.0.0 released Dec 2018
<i>Interactive tool to analyze responses to a user satisfaction survey administered during an electronic health record transition at a large public safety net hospital</i>		