

**Christopher M. Shea, PhD, MA, MPA**

**PERSONAL**

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Department of Health Policy and Management  
UNC Gillings School of Global Public Health  
The University of North Carolina at Chapel Hill  
1104F McGavran-Greenberg Hall, CB# 7411  
Chapel Hill, NC 27599-7411  
Phone: 919-966-1938; Email: [chris\\_shea@unc.edu](mailto:chris_shea@unc.edu)  
Website: [http://sph.unc.edu/adv\\_profile/christopher-shea-phd/](http://sph.unc.edu/adv_profile/christopher-shea-phd/)

**EDUCATION**

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- 2012 Certificate in Clinical Information Science, University of North Carolina-Chapel Hill, School of Information and Library Science
- 2008 Ph.D. in Public Administration, North Carolina State University, College of Humanities and Social Sciences, Department of Public Administration. Concentration in organizational theory. Dissertation title: "Understanding Sophistication in the Context of Electronic Medical Record Systems."
- 2004 Master of Public Administration. North Carolina State University, College of Humanities and Social Sciences, Department of Public Administration.
- 1998 Master of Arts in English. West Virginia University, Eberly College of Arts and Sciences, Department of English.
- 1995 Bachelor of Business Administration. James Madison University, College of Business. Double major in Finance and English. *Cum Laude*

**PROFESSIONAL EXPERIENCE**

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- 2023-Present Professor, Department of Health Policy and Management, Gillings School of Global Public Health, University of North Carolina at Chapel Hill
- 2018-2023 *Associate Professor*, Department of Health Policy and Management, Gillings School of Global Public Health, University of North Carolina at Chapel Hill
- 2018-Present *Adjunct Associate Professor*, Department of Social Medicine, School of Medicine, University of North Carolina at Chapel Hill
- 2015-Present *Co-Director*, Dissemination and Implementation Science Methods Unit, North Carolina Translational & Clinical Sciences Institute, University of North Carolina at Chapel Hill

- 2015 *Program Administrator*, Public Health Informatics Certificate, University of North Carolina at Chapel Hill
- 2012-2018 *Assistant Professor*, Department of Health Policy and Management, Gillings School of Global Public Health, University of North Carolina at Chapel Hill
- 2010-Present *Research Fellow*, Cecil G. Sheps Center for Health Services Research University of North Carolina at Chapel Hill
- 2009-2012 *Clinical Assistant Professor*, Department of Health Policy and Management, UNC Gillings School of Global Public Health, University of North Carolina at Chapel Hill
- 2007-2011 *Director, Bachelor of Science in Public Health (BSPH) Program*, Department of Health Policy and Management, UNC Gillings School of Global Public Health, University of North Carolina at Chapel Hill
- 2003-2007 *Research Coordinator*, Department of Health Policy and Administration, School of Public Health, University of North Carolina at Chapel Hill
- 1999-2009 *Clinical Instructor*, Department of Health Policy and Administration, School of Public Health, University of North Carolina at Chapel Hill
- 1999-2003 *Writing Consultant*, Kenan-Flagler Business School, University of North Carolina at Chapel Hill
- 1998-2003 *Academic Programs Coordinator*, Department of Health Policy and Administration, School of Public Health, University of North Carolina-Chapel Hill
- 1996-1998 *Graduate Student Course Instructor*, Department of English, Eberly College of Arts and Sciences, West Virginia University

## HONORS

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- 2013 American Medical Informatics Association, Distinguished Poster Award
- 2010 UNC APPLES Ueltschi Service-Learning Course Development Award
- 2009 UNC APPLES Service-Learning Course Development Award
- 2004 Inducted into Pi Alpha Alpha, the honor society for the National Association of Schools of Public Affairs and Administration

## BIBLIOGRAPHY

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### Books and Book Chapters

#### Books

1. **Shea, C.M.**, & Garson, G.D. (Eds.). (2010). *Handbook of Public Information Systems* (3<sup>rd</sup> ed.). 520 pages. Boca Raton: Taylor and Francis.

### Book Chapters

1. **Shea, C.M.** (2010). An Overview of Public-Sector Information Technology in the U.S. In B.W. Wirtz, *Handbuch E-Government*: 451-467. Wiesbaden, Germany: Gabler Verlag.
2. **Shea, C.M.** (2010). An Introduction to Public Information Systems. In C.M. Shea and G.D. Garson (Eds.), *Handbook of Public Information Systems* (3<sup>rd</sup> ed.): 3-6. Boca Raton: Taylor and Francis.
3. **Shea, C.M.** (2010). Advancing Public Information Systems Research: Clarifying Concepts and Testing Models. In C.M. Shea and G.D. Garson (Eds.), *Handbook of Public Information Systems* (3<sup>rd</sup> ed.): 483-487 Boca Raton: Taylor and Francis.

### **Refereed Articles** (student/mentee co-author\*)

1. Brewington, M., Queen, T. L., Heisler-MacKinnon, J., Calo, W. A., Weaver, S., Barry, C. Kong, W. Y., Kennedy, K. L., **Shea, CM.**, Gilkey, M. (2024). Vaccine champions' role in improving adolescent HPV vaccination rates: Findings from a national survey of primary care professionals. *Implementation Science Communications*,5(1).
2. Rohweder CL, Morrison A, Mottus K, Young A, Caton L, Booth R, Reed C, **Shea CM**, Stover A. (2024). Virtual quality improvement collaborative with primary care practices during COVID-19: a case study within a clinically integrated network. *BMJ Open Quality* 2024;13:e002400. doi: 10.1136/bmjopen-2023-002400
3. Bozkurt, B;\* Planey, AM; Aijaz, M;\* Weinstein, JW;\* Cilenti, D; **Shea, CM**; Khairat. (2024). S. Rural-Urban Differences in Maternal Visits and Care Content During the Pre-Pregnancy, Prenatal, and Postpartum Periods, 2016-2018. *The Permanente Journal*. (In Press)
4. Boisson-Walsh, A; Fried, B; **Shea, CM**; Ngimbi, P; Mbonze, N; Tabala, M; Mwandagalirwa, K; Babakazo, P; Yotebieng, M; Thompson, P. (2024) Using intervention mapping to develop an implementation strategy to improve timely uptake of streamlined birth-dose vaccines in the Democratic Republic of the Congo. *PLOS Global Public Health*. 4(1): e0002641. <https://doi.org/10.1371/journal.pgph.0002641>
5. Hughes PM; Easterly, C; Thomas KC, **Shea CM**, Domino ME. (2024). North Carolina Medicaid System Perspectives on Substance Use Disorder Treatment Policy Changes during the COVID-19 Pandemic. *Journal of Addiction Medicine*,18(2):p e1-e7. DOI: 10.1097/ADM.0000000000001272
6. Planey, AM; Bozkurt, B;\* Aijaz, M;\* Weinstein, J;\* Khairat, S; Shea, CM. (2023). Telehealth Use by Pregnancy Stage among Commercially Insured Patients in the U.S., 2016-2019. *Telemedicine and e-Health*, Epub 2023 Jun 15. doi: 10.1089/tmj.2022.0516. PMID: 37327021
7. Boisson, A; Thompson, P; Fried, B; **Shea, CM**; Ngimbi, P; Lumande, F; Tabala, M; Mwandagalirwa, K; Babakazo, P; Domino, ME; Yotebieng, M. (2023). Childhood immunization uptake determinants in Kinshasa, DRC: ordered regressions to assess timely infant vaccines administered at birth and six-weeks. *BMC Global Health Research and Policy*. 8, 50 (2023). <https://doi.org/10.1186/s41256-023-00338-7>
8. Van Houtven CH, Drake C, Malo TL, Decosimo K, Tucker M, Sullivan C, D'Adolf J, Hughes JM, Christensen L, Grubber JM, Coffman CJ, Sperber NR, Wang V, Allen KD, Hastings SN, **Shea CM**, Zullig LL (2023). Ready, set, go! The role of organizational readiness to predict adoption of a family caregiver training program using the Rogers' diffusion of innovation

- theory. *Implement Sci Commun*. Jun 19;4(1):69. doi: 10.1186/s43058-023-00447-x. PMID: 37337208.
9. Hughes, A.M., Riska, K.L., Farmer, M.J.S., Krishnakumar, D., **Shea, C.M.**, Hess, D.R., Lindenauer, P.K., & Stefan, M.S. (2023). Analysis of cognitive tasks in the application of non-invasive ventilation to patients with COPD exacerbation. *Journal of Interprofessional Care*, 37(4), 576–587. <https://doi.org/10.1080/13561820.2022.2118681> PMID: 36264072
  10. Adapa, K; **Shea, CM**; Schultz, B; DeWalt, D; Pearsall, M; Ivester, T; Dangerfield, C; Burgess, E; Marks, LB; Mazur, LM. (2022). The Effect of a System-level Tiered Huddle System on Reporting Patient Safety Events: An Interrupted Time Series Analysis. *The Joint Commission Journal on Quality and Patient Safety*. Published online Aug 18, 2022. 1-11. DOI:10.1016/j.jcjq.2022.08.005. PMID: 36153293.
  11. Stover AM, Wang M, **Shea CM**, Richman E, Rees J, Cherrington AL, Cummings DM, Nicholson L, Peadar S, Craft M, Mackey M, Safford MM, Halladay JR. (2022). The Key Driver Implementation Scale (KDIS) for Practice Facilitators: Psychometric testing in the Southeastern Collaboration to Improve Blood Pressure Control Trial. *PLoS ONE*. 2022;17(8):e0272816.1-20. doi: 10.1371/journal.pone.0272816. PMID: 36001592.
  12. Gertner, A; Clare, HM; Powell, BJ; Gilbert, AR; Jonesa, H; Silberman, P; **Shea, CM**; Domino, ME. (2022). A mixed methods study of provider factors in buprenorphine treatment retention. *International Journal of Drug Policy*; 105:103715-103725. <https://doi.org/10.1016/j.drugpo.2022.103715>. PMID: 35533634 PMCID: PMC9246997.
  13. Boisson, A; Morgan, CE; Fried, B; **Shea, CM**; Yotebieng, M; Ngimbi, P; Mbonze, N; Mwandagalirwa, K; Babakazo, P; Thompson, P. (2022). Barriers and facilitators to timely birth-dose vaccines in Kinshasa Province, the DRC: a cross-sectional qualitative study. *Journal of Global Health Reports*; 6; e2022028. 1-13. doi:10.29392/001c.35449.
  14. Khairat S, Yao Y, Coleman C, McDaniel P, Edson B, **Shea CM**. (2022). Changes in Patient Characteristics and Practice Outcomes of a Tele-Urgent Care Clinic Pre- and Post-COVID-19 Telehealth Policy Expansions. *Perspectives in Health Information Management*; 19(2). PMID: 35692856; PMCID: PMC9123528.
  15. **Shea, CM**; Turner, K;\* Weinstein, J;\* Tabriz, AA;\* Babu, N; Reeve, JL; North, S. (2022). Telestroke Infrastructure, Processes, and Support Needs: A Survey of Hospitals in 5 States. *Telemedicine and e-Health*. 2022 Apr 13. Online ahead of print. DOI: 10.1089/tmj.2022.0049. PMID: 35420460
  16. McCormick, J; Clark, T; **Shea, C**; Riska, K; Lindenauer, P. Stefan, M. (2022). Exploring Patient Experience with Noninvasive Ventilation: A Human-Centered Design Analysis to Inform Planning for Better Tolerance. *Chronic Obstructive Pulmonary Diseases: Journal of the COPD Foundation*; 9(1): 80–94. doi: 10.15326/jcopdf.2021.0274. PMCID: PMC8893973
  17. Stefan, M; Pekow, P; **Shea, C**; Hughes, A; Hill, N; Steingrub, J; Farmer, M; Hess, D; Riska, K; Clark, T; Lindenauer, P. (2021). Update to the study protocol for an implementation-effectiveness trial comparing two education strategies for improving the uptake of noninvasive ventilation in patients with severe COPD exacerbation. *Trials*; 22(1): 926-930. DOI: 10.1186/s13063-021-05855-9. PMCID: PMC8674861
  18. Drake, C;\* Batchelder, H; Lian, T; Cannady, M; Weinberger, M; Eisenson, H; Esmaili, E; Lewinski, A; Zullig, L; Haley, A; Edelman, D; **Shea, CM**. (2021). Implementation of social needs screening in primary care: a qualitative study using the health equity implementation framework. *BMC Health Services Research*; 21, 975-990. <https://doi.org/10.1186/s12913-021-06991-3>. PMCID: PMC8445654.

19. Tabriz, AA;\* Turner, K;\* Williams, D; Babu, N; North, S; **Shea, CM**. (2021). Association of Financial Factors and Telemedicine Adoption for Heart Attack and Stroke Care Among Rural and Urban Hospitals: A Longitudinal Study. *Telemedicine and e-Health*. 28(6):781-788. DOI: 10.1089/tmj.2021.0341 PMID: 34559014 PMCID: PMC9231656
20. Drake C;\* Lian T, Trogdon J, Edelman D, Eisenon H, Weinberger M, Reiter K, **Shea CM**. (2021). Evaluating the Association of Social Needs Assessment Data with Cardiometabolic Health Status in a Federally Qualified Community Health Center Patient Population. *BMC Cardiovascular Disorders*; 21: 342. doi: 10.1186/s12872-021-02149-5. PMCID: PMC8278633.
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22. Nguyen, O.T., Alishahi Tabriz, A., Huo, J., Hanna, K., **Shea, CM**, Turner, K. (2021). The impact of asynchronous e-visits on clinical outcomes and healthcare delivery: A systematic review. *Journal of Medical Internet Research (JMIR)*; 23(5): e27531. 1-14. doi: 10.2196/27531. PMCID: PMC8135030
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24. Gertner, AK, Rotter, JS, Holly, ME, **Shea, CM**, Green, SL, & Domino, ME. (2021). The Role of Primary Care in the Initiation of Opioid Use Disorder Treatment in Statewide Public and Private Insurance. *Journal of Addiction Medicine*;16(2):183-191. doi: 10.1097/ADM.0000000000000860.
25. **Shea, CM**. (2021). A Conceptual Model to Guide Research on the Activities and Effects of Innovation Champion. *Implementation Research and Practice*; vol. 2; 1-13. doi:10.1177/2633489521990443. PMID: 34541541 PMCID: PMC8445003.
26. Turner, K,\* Clary, A, Hong, YR, Tabriz, AA,\* **Shea, CM**. (2020). Patient portal barriers and group differences: A cross-sectional, national survey. *Journal of Medical Internet Research (JMIR)*, 22(9): e18870. 1-12. doi: 10.2196/18870. PMID: 32940620 PMCID: PMC7530687
27. Armao, D; Hartman, T; Katz; **Shea, CM**; Yang, R; Smith, K; Quinsey, C. Radiation Safety Education and Diagnostic Imaging in Pediatric Patients with Surgically Treated Hydrocephalus: The Patient and Family Perspective. (2020). *Child's Nervous System*; 37(2):491-497. DOI: 10.1007/s00381-020-04822-0. PMID: 32710252.
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29. Reeves, K; O'Hare, K; Shade, L; Ludden, T; McWilliams, A; Manning, M; Hogg, M; Reynolds, S; **Shea, CM**; Burton, E; Calvert, M; Derkowski, D; Tapp, H. (2020). Evaluation of a Shared Decision Making Intervention for Pediatric Patients with Asthma in the Emergency Department. *Implementation Science Communications*: 1, 22. 1-9.

<https://doi.org/10.1186/s43058-020-00010-y>. PMCID: PMC7427946

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31. **Shea, CM**; Gertner, AK; Green, SL. (2019). Barriers and Perceived Usefulness of an ECHO Intervention for Office-Based Buprenorphine Treatment for Opioid Use Disorder in North Carolina: A Qualitative Study. *Substance Abuse*. 2019 Dec 6:1-11. doi: 10.1080/08897077.2019.1694617. PMID: 31809679 PMCID: PMC7274853
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34. Ernecoff NC,\* Wessell KL, Hanson LC, Lee AM, **Shea CM**, Dusetzina SB, Weinberger M, Bennett AV. (2019). Electronic Health Record Phenotypes for Identifying Patients with Late-Stage Disease: a Method for Research and Clinical Application. *Journal of General Internal Medicine*; 34(12):2818-2823. PMID: 31396813
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36. Alishahi Tabriz A;\* Birken S; **Shea CM**; Fried B, Viccellio P. (2019). What is full capacity protocol, and how is it implemented successfully? *Implementation Science*, 14: 73. 1-13. doi: 10.1186/s13012-019-0925-z PMID: 31319857 PMCID: PMC6637572
37. Drake, C;\* Kirk, JK; Buse, JB; Edelman, D; **Shea, CM**; Spratt, S.; Young, LA; Kahkoska, AR. (2019). Characteristics and Delivery of Diabetes Shared Medical Appointments in North Carolina. *North Carolina Medical Journal*, 80(5):261-268. doi: 10.18043/ncm.80.5.261. PMID:31471505
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41. **Shea, CM**; Turner, K;\* Alishahi Tabriz, A;\* North, S. (2018). Implementation strategies for telestroke: A qualitative study of telestroke networks in North Carolina. *Telemedicine and e-*

- Health*; (8):708-716. DOI: 10.1089/tmj.2018.0131 PMID: 30192206 PMCID: PMC6684023
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  48. **Shea, CM**; Turner, K;\* White, BA; Zhu Y; Rozier RG. (2018). Providers' preferences for pediatric oral health information in the electronic health record: a cross-sectional survey. *BMC Pediatrics*. Jan 11;18(1): 1-7. DOI: 10.1186/s12887-017-0979-5. PMCID: PMC5765629
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  51. Birken, SA; Bunge, A.; Powell, BJ; Turner, K\*; Clary, AS; Klaman, SL; Yu, Y; Whitaker, DJ; Self, SR; Rostad, WL; Shanley Chatham, JR; Kirk, MA; **Shea, CM**; Haines, E; Weiner, BJ. (2017). Organizational theory for dissemination and implementation research. *Implementation Science*. 12:62. 1-15. DOI: 10.1186/s13012-017-0592-x. PMID 28499408 PMCID: PMC5427584
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- Dissemination and Implementation Research: A Conceptual Model of Core Competencies. *Translational Behavioral Medicine*. Sep;7(3):393-404. DOI: 10.1007/s13142-017-0486-0. PMID 28341897 PMCID: PMC5645278
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  63. Turner, K\*; Klamann, SL\*; **Shea, CM**. Personal health records for people living with HIV: a review. (2016). *AIDS Care*; 28(9):1181-1187. PMID 26917113
  64. **Shea, CM** & Belden, CM\*. (2016). What is the extent of research on the characteristics, behaviors, and impacts of health information technology champions? A scoping review. *BMC Medical Informatics and Decision Making*; 16:2. 1-17. PMID 26754739



65. Mayer, MK\*; Urlaub, DM; Guzman-Corrales, LM; Kowitt, SD; **Shea, CM**; Fisher, EB. (2016). "They're doing something that actually no one else can do": A qualitative study of peer support and primary care integration. *Journal of Ambulatory Care Management*; 39(1):76-86 PMID 26650748
66. **Shea, CM**; Reiter, KL; Weaver, MA; Thornhill, J; Malone, R. (2015). Associations between Ambulatory Practice-Setting Characteristics and Demonstration of Stage 1 Meaningful Use Objectives for the EHR Incentive Program: A Descriptive Study at an Integrated Delivery System. *North Carolina Medical Journal*, 76(5). PMID 26946855
67. **Shea, CM**; Jacobs, SR\*; Esserman, DA; Bruce, K; Weiner, BJ. (2014). Organizational readiness for implementing change: a psychometric assessment of a new measure. *Implementation Science*; 20:7. DOI:10.1186/1748-5908-9-7. PMID 24410955 PMC3904699
68. **Shea, CM**; Reiter, KL; Weaver, MA; McIntyre, M\*; Mose, J\*; Thornhill, J; Malone, R; Weiner, BJ. (2014). Stage 1 of the meaningful use incentive program for electronic health records: a study of readiness for change in ambulatory practice settings in one integrated delivery system. *BMC Medical Informatics and Decision Making*; 14:119 DOI:10.1186/s12911-014-0119-1 PMID 25495926
69. Daaleman, TP; **Shea, CM**; Halladay, J; Reed, DA. (2014). Method to Determine the Impact of Patient-Centered Care Interventions in Primary Care. *Patient Education and Counseling*; 97(3): 327-331. DOI: 10.1016/j.pec.2014.09.009 PMID 25269410
70. Fabrizio, CS\* & **Shea, CM**. (2014). Disseminating a cervical cancer screening program through primary care physicians in Hong Kong: a qualitative study. *BMC Health Services Research*; 14:85. DOI: 10.1186/1472-6963-14-85. PMID 24568606 PMC3975957
71. **Shea, CM**; Teal, R; Haynes-Maslow, LM\*; McIntyre, MR\*; Weiner, BJ; Wheeler, SB; Jacobs, SR\*; Mayer, DK; Young, MD; Shea, TC. (2014). Assessing the feasibility of a virtual tumor board program: a case study. *Journal of Healthcare Management*; 59(3): 177-194. PMID 24988672 PMC4116610.
72. **Shea, CM**; Malone, R; Weinberger, M; Reiter, KL; Thornhill, J; Lord, J; Nguyen, N\*; Weiner, BJ. (2014). Assessing organizational capacity for achieving meaningful use of electronic health records. *Health Care Management Review*; 39 (2): 124-133. PMID 23380882 PMC3674222
73. **Shea, CM**; Weiner, BJ; Belden, CM\*. (2013). Using latent class analysis to identify sophistication categories of electronic medical record systems in U.S. acute care hospitals. *Social Science Computer Review*; 31(2):208-220. PMID 24244071 PMC3826986
74. **Shea, CM**; Halladay, JR; Reed; D; and Daaleman, TD. (2012). Integrating a health-related-quality-of-life module within electronic health records: a comparative case study assessing value added. *BMC Health Services Research*; 12:67. 1-11. PMID 22429407 PMC3359182
75. Halladay, J; **Shea, CM**; Reed; D; and Daaleman, TD. (2012). An academic-industry collaboration to develop an EHR module for primary care. *Primary Health Care: Open Access*; 2:111. 1-9. PMID 24040578 PMC3771108

## Refereed Other Products of Scholarship

### Refereed Oral Presentations and Posters (student/mentee co-author\*)

1. Aijaz M\*, Song, PH, Lewis VA, **Shea CM**. Rapid Shift to Value-Based Payment Models: Provider Experiences, Strategies, and Unintended Consequences”, has been accepted for

- poster presentation at the 2024 Annual Research Meeting, Baltimore, MD, July 1, 2024.
2. Aijaz M\*, Bozkurt B\*, Planey AM, Cilenti D, Khairat S, **Shea CM**. The Evolution of Health System Planning and Implementation of Maternal Telehealth Services during the Public Health Emergency. (Oral presentation, virtual) SEARCH National Telehealth Research Symposium, Virtual Conference, November 16, 2022.
  3. Shade L, Tapp H, O'Hare K, Reeves K, Boehmer K, Reeves K, Beesley R, Ludden T, Manning M, **Shea C**. Coach McLungs<sup>SM</sup> in Primary Care: How to Exceed Practice Recruitment Goals during COVID-19. Presented at the 2022 North American Primary Care Research Group (NAPCRG) 50<sup>th</sup> Annual Meeting, Phoenix, AZ, November 19, 2022.
  4. O'Hare K, Tapp H, Shade L, Reeves K, Ludden T, Manning M, Thomas J, Hogg M, Reynold S, Naik N, **Shea C**, Courtlandt C, Nuse L, DeSantis A, Amezquita S, Beesley R, Mohanan M, Calvert M, Derkowski D, Derkowski D, Kowalkowski M, Taylor S, Eaton T, McWilliams A, Burns R, Patterson C, & Sleath B. "Using the Consolidated Framework for Implementation Research (CFIR) in primary care and acute care evaluations." Oral presentation at the 2022 Practice-Based Research Network Conference, Bethesda, MD, June 3, 2022.
  5. Tapp, H; Reeves, K; O'Hare, K; Shade, L; Ludden, T; Manning, M; Hogg, M; Reynolds, S; Naik, N; **Shea, CM**; Burton, EC; Calvert, M; Derkowski, DM. "Evaluation of 'Coach McLungs' a Shared decision making intervention for patients with asthma in the ED." Presented at the PCORI Virtual Annual Meeting on November 17, 2021.
  6. **Shea, CM**; Winslow, C\*; Jackson, J; Song, P. "Preparing for Medicaid Transformation in North Carolina: Semi-Structured Interviews with Health System Leaders, Providers, and Practice Administrators." (oral). Presented at the AcademyHealth State-University Partnership Learning Network (SUPLN) Adjunct Meeting; Virtual Meeting on September 20, 2021.
  7. **Shea, CM** "The University of North Carolina's approach to advancing implementation science: The dissemination and implementation methods unit." (Podium). Presented at the Annual Conference on the Science of Dissemination and Implementation; Arlington, VA, December 5, 2019
  8. Alishahi Tabriz A\*, Birken S, **Shea CM**, Fried B, Viccellio P. "What is full capacity protocol, and how is it implemented successfully?" Presented at the 12<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation; Arlington, VA, December 4, 2019.
  9. Alishahi Tabriz A\*, Birken S, **Shea CM**, Fried B, Viccellio P. "Determinants of Adoption and Implementation of Full Capacity Protocols in U.S. Hospitals," (poster). Presented at the AcademyHealth Annual Research Meeting; Washington D.C, June 2019.
  10. Green, S; Rotter, J; Gertner, A; **Shea, C**; Domino, M. "Patterns of opioid-related disorder diagnoses and treatment in Medicaid and private insurance claims from a high opioid overdose burden state." (poster). Presented at the Annual Public Health Association Meeting; San Diego, CA; November 11, 2018.
  11. Murphy, RE; **Shea, CM**; Kitzmiller, R. "Effective change management techniques for health IT implementation and optimization." (Podium / half-day tutorial session). Presented at the American Medical Informatics Association 2018 Annual Symposium; San Francisco, CA; November 3, 2018.
  12. Tabriz AA,\* Birken SA, Fried B, **Shea CM**, Tintinalli JE. "Determinants of Full Capacity Protocol Implementation: A Qualitative Study," (oral presentation). Presented at the American College of Emergency Physicians Scientific Assembly 18; San Diego, CA, October 2018.

13. Turner, K\*., **Shea, C.M.**, Renfro, C., Ferreri, S., Weinberger, M., & Trygstad, T. "Stages of innovation implementation process: Piloting a Medicaid population health management intervention in community pharmacies," (podium). Presented at 10th Annual Conference on the Science of Dissemination and Implementation in Health; Arlington, VA, December 4, 2017.
14. **Shea, CM**, Turner, K, Alisha-Tabriz, A; North, S; Reiter, K. Telestroke network development and maintenance in North Carolina," (poster). Presented at 10th Annual Conference on the Science of Dissemination and Implementation in Health; Arlington, VA, December 4, 2017.
15. Scott, J; Rohweder, C; Birken, S; Carter-Edwards, L; Leeman, J; Powell, B; **Shea, C.** "Development and evolution of the Implementation Science Exchange (ImpSciX)," (poster). Presented at 10th Annual Conference on the Science of Dissemination and Implementation in Health; Arlington, VA, December 5, 2017.
16. Murphy, RE; **Shea, CM**; Kitzmiller, R. "Effective change management techniques for health IT implementation and optimization." (podium / half-day tutorial session). Presented at the American Medical Informatics Association 2017 Annual Symposium; Washington DC, November 4, 2017.
17. Ferreri, S; **Shea, CM**, Smith, M; Turner, K\*. "Implementation of an integrated care management program in community pharmacies: Identifying barriers and employing implementation strategies." (podium / panel). Presented at the 9th Annual Conference on the Science of Dissemination and Implementation in Health; Washington DC, December 14, 2016.
18. **Shea, CM** & Turner, K\*. "Implementation strategies for addressing barriers to population health management in community pharmacies participating in a statewide pharmacy care management network." (poster). Presented at the 9th Annual Conference on the Science of Dissemination and Implementation in Health; Washington DC, December 14, 2016.
19. **Shea, CM**; Young, T; Powell, BJ; Rohweder, CL; Enga, ZK; Scott, JE; Carter-Edwards, L; Corbie-Smith, GM. "Developing a framework of competencies for assessing researcher readiness to conduct community-engaged dissemination and implementation research." (poster). Presented at the 9th Annual Conference on the Science of Dissemination and Implementation in Health; Washington DC, December 14, 2016.
20. Turner, K\* & **Shea, CM**. "Implementation strategies to address information-related barriers for community pharmacies participating in a statewide pharmacy care management network." (poster, nominated for distinguished poster award). Presented at the American Medical Informatics Association 2016 Annual Symposium; Chicago, IL, November 14, 2016.
21. Murphy, RE; **Shea, CM**; Kitzmiller, R. "Effective change management techniques for health IT implementation and optimization." (podium / half-day tutorial session). Presented at the American Medical Informatics Association 2016 Annual Symposium; Chicago, IL, November 14, 2016.
22. Armao, D; Hartman, T; **Shea, CM**; Sams, C, Carey, T; Fordham, LA; Ivanovic, M; Smith, K. "Pediatric CT dose optimization: a practical approach to a pressing problem." (poster) Presented at American Public Health Association Annual Meeting, Denver, CO. October 31, 2016.
23. Sanders, KA\*; Wolcott, MD; D'Ostroph, A\*; **Shea, CM**; McLaughlin, J; Pinelli, N. "Organizational readiness for early immersion of student pharmacists in health-system practice." (poster). Presented at American Association of Colleges of Pharmacy Annual Meeting, Anaheim, CA, July, 25, 2016.

24. Ferreri, S; **Shea, C**; Brown, P\*; Smith, M\*; Pfeiffenberger, T; Farley, J. "An assessment of the characteristics and readiness of community pharmacies participating in a chronic care management program." (poster). Presented at the American Pharmacists Association Annual Meeting & Exposition; Baltimore, MD, March 5, 2016.
25. Brown, P\*; Branham, A; **Shea, C**; Pfeiffenberger, T; Ferreri, S. "Evaluation of a workflow-support intervention for community pharmacies participating in a pharmacy care management program." (poster). Presented at the American Pharmacists Association Annual Meeting & Exposition; Baltimore, MD, March 5, 2016.
26. Smith, M\*; Brown, P\*; **Shea, C**; Ferreri, S. "Barriers to providing comprehensive medication reviews in community pharmacies." (poster). Presented at the American Pharmacists Association Annual Meeting & Exposition; Baltimore, MD, March 5, 2016.
27. D'Ostroph, A\*; Sanders, K\*; **Shea, C**; McLaughlin, J; Pinelli, N. "Preceptor perceptions of early immersion of student pharmacists in health-system practice." (poster). Presented at the American Pharmacists Association Annual Meeting & Exposition; Baltimore, MD, March 5, 2016.
28. Song, PH; Belden, CM\*; **Shea, CM**; Reiter, KL; Fisher, E. "Understanding the business case for peer support programs." (poster). Presented at Academy Health Annual Research Meeting 2015; Minneapolis, MN, June 15, 2015.
29. Chung, A; Treiman, K; Moore, C; **Shea, C**; Wald, J. "Stage 3 Meaningful Use and patient-generated health data (PGHD): outpatient stakeholder perspectives on how to make PGHD meaningful." (poster). Presented at the American Medical Informatics Association 2014 Annual Symposium; Washington D.C., November 17, 2014.
30. Chung, A & **Shea, C**. "After-visit Clinical Summaries: What is meaningful to patients?" (poster, winner of distinguished poster award). Presented at the American Medical Informatics Association 2013 Annual Symposium; Washington D.C., November 18, 2013.
31. **Shea, C**; Malone, R; Weinberger, M; Weiner, B; Reiter, K; Thornhill, J; Lord, J; Nguyen, N.\* "Assessing organizational capacity for achieving EHR Meaningful Use." (poster). Presented at the Association for Clinical and Translational Science meeting; Washington D.C., April 19, 2012.

#### Refereed Abstracts

1. Tabriz AA, Birken SA, Fried B, **Shea CM**, Tintinalli JE. (2018). Determinants of Full Capacity Protocol Implementation: A Qualitative Study. *Annals of Emergency Medicine*; 72(4):S10.
2. **Shea CM**; Malone R; Weinberger M; Weiner B; Reiter K; Thornhill J; Lord J; Nguyen N. Assessing Organizational Capacity for Achieving EHR Meaningful Use. *Clinical and Translational Science*; 5(2): 157-8. doi: 10.1111/j.1752-8062.2012.00398.x

#### **Non-refereed Papers: Selected Manuscripts in Progress** (student/mentee co-author\*)

1. Weinstein, JM; Bozkurt, B; Aijaz, M; Cilenti, D; Khairat, S; **Shea, CM**; Planey, AM. Community-level Internet Connectivity and Utilization of Maternal Telehealth (Under Review)
2. Brewington, M; Queen, TL; Heisler-MacKinnon, J; Calo, WA; Weaver, S; Barry, C; Kong, WY; Kennedy, KL; Shea, CM; Gilkey, MB. Who are vaccine champions and what implementation strategies do they use to improve adolescent HPV vaccination? Findings from a national survey of primary care professionals. (Under Review)

3. Aijaz, M;\* Bozkurt, B;\* Planey, AM; Cilenti, D; Khairat, S; **Shea, CM**. The Evolution of Health System Planning and Implementation of Maternal Telehealth Services during the COVID-19 Pandemic. (Under Review)
4. Cassar, S; Salmon, J; Timperio, A; **Shea, CM**; Ma, J; and Koorts, H. What leads to the adoption of school-based physical activity interventions when implemented at scale? Relationship between school characteristics, organisational readiness and implementation climate (In Preparation)
5. Aijaz, M; Lewis, V; Maras, S; Song, P; **Shea, CM**. Stakeholder engagement in the NC Medicaid Transformation. (In Preparation)
6. **Shea, CM**; et al. Working within and between Clinical Roles: A Multiple Case Study of Non-Invasive Ventilation Champions. (In Preparation)

#### Policy Briefs and Technical Reports

1. Christopher M. Shea, CM; Song, PH; Lewis, VA; Aijaz, M; Jackson, J. Qualitative Findings From the Medicaid Managed Care Launch: Prepaid Health Plan Perspectives. North Carolina Medicaid 1115 Waiver Independent Evaluation. August 11, 2022: [https://www.shepscenter.unc.edu/wpcontent/uploads/2022/11/DMYR3\\_Qualitative\\_Evaluation\\_Report-PHP\\_Nov2020-to-Oct2021v2-JPd4.pdf](https://www.shepscenter.unc.edu/wpcontent/uploads/2022/11/DMYR3_Qualitative_Evaluation_Report-PHP_Nov2020-to-Oct2021v2-JPd4.pdf)
2. Christopher M. Shea, CM; Song, PH; Lewis, VA; Aijaz, M; Jackson, J. Qualitative Findings From the Pre-Medicaid Managed Care Launch: Provider Perspectives. North Carolina Medicaid 1115 Waiver Independent Evaluation. August 11, 2022: [https://www.shepscenter.unc.edu/wpcontent/uploads/2022/11/DMYR3\\_Qualitative\\_Evaluation\\_Report-Provider\\_Nov2020-to-Oct2021v2-JPd4.pdf](https://www.shepscenter.unc.edu/wpcontent/uploads/2022/11/DMYR3_Qualitative_Evaluation_Report-Provider_Nov2020-to-Oct2021v2-JPd4.pdf)
3. Christopher M. Shea, CM; Song, PH; Lewis, VA; Aijaz, M; Jackson, J. Qualitative Findings From the First Year Following the Medicaid Managed Care Launch: Provider Perspectives. North Carolina Medicaid 1115 Waiver Independent Evaluation. August 11, 2022: [https://www.shepscenter.unc.edu/wpcontent/uploads/2022/11/DMYR4\\_Qualitative\\_Evaluation\\_Report-Provider\\_Nov2021-to-Oct2022v2-JPd4.pdf](https://www.shepscenter.unc.edu/wpcontent/uploads/2022/11/DMYR4_Qualitative_Evaluation_Report-Provider_Nov2021-to-Oct2022v2-JPd4.pdf)
4. Wald, JS; Haque, S; Treiman, K; Bagwell, J; Brown, S; Cunningham, S; Moore, C; Chung, A; **Shea, C**; Travers, D; Rosenbloom, ST; Olsen, A. Evaluation of Stage 3 Meaningful Use Objectives: North Carolina and Tennessee - Final Report. (Prepared by RTI International under Contract No. HHS 290-20100024I). AHRQ Publication No.15-0022-EF. Rockville, MD: Agency for Healthcare Research and Quality. February 2015.. <http://healthit.ahrq.gov/ahrq-funded-projects/evaluation-stage-3-meaningful-use-objectives-analysis-nc-and-tn/final-report>

#### Invited Articles

1. Armao, D; Hartman, T; **Shea, CM**; Sams, C, Fordham, LA; Smith, K. (2016). Working Face-to-Face for Pediatric CT Dose Reduction: A Community Toolkit. *Diagnostic Imaging Europe*: 32(5): 10-13.
2. Leatt, P., **Shea, C.**, Studer, M., and Wang, V. (2006). IT Solutions for Patient Safety - Best Practices for Successful Implementation in Healthcare. *Electronic Healthcare* 4(3): 94 -104.

Invited Oral Presentations (student/mentee co-author\*)

1. **Shea, CM & Song, P.** “Qualitative Evaluation of Medicaid Managed Care Program in North Carolina.” North Carolina Department of Health and Human Services, virtual presentation, October 6, 2022.
2. **Shea, CM.** “A Conceptual Model of Champion Impact.” Alberta SPOR SUPPORT Unit, Implementation Science Collaborative speaker series, University of Alberta, Edmonton, Canada, January 24, 2022.
3. **Shea, CM.** “Implementation Science in Health: Applying Concepts and Tools in Community Projects,” RWJF Clinical Scholars Program, July 16, 2021.
4. **Shea, CM.** “Implementation Science in Health: Applying Concepts and Tools in Community Projects,” RWJF Clinical Scholars Program, May 14, 2021.
5. **Shea, CM.** “Champions of NIV Implementation.” Baystate Health Interprofessional Training for COPD Collaborative, Baystate Health, Massachusetts, May 5, 2021.
6. **Shea, CM.** “Utilizing and Assessing Champions in Implementation Efforts,” presented in the course Developing and Evaluating Implementation Strategies in Health and Social Services (S55 MPH 5554 / M17 CLNV 5554), taught by Enola Proctor and Byron Powell in the Brown School, Washington University, St. Louis, MO, April 6, 2021.
7. **Shea, CM.** “Champions of Change,” UNC Health Alliance Provider Partner Strategic Engagement meeting, UNC Health System, Chapel Hill, NC, November 9, 2020.
8. **Shea, CM.** “Organizational Readiness for Change: Theory, Measurement, and Application,” oral presentation at the Thurston Arthritis Research Center, Chapel Hill, NC, September 25, 2019.
9. **Shea, CM.** “EHR Implementation Strategies: Assessing Readiness, Champions, and Quality Improvement Teams,” oral presentation to the Durham Center for Health Services Research in Primary Care, Durham Veterans Affairs Medical Center, Durham, NC, September 2017.
10. **Shea, CM; Birken, SA; Carter-Edwards, L; et al.** “Dissemination and Implementation Science Methods Unit,” a poster presented at the Toward a Carolina Improvement Science Initiative Lightning Symposium, Chapel Hill, North Carolina, May 2017.
11. **Shea, CM & Rohweder, CL.** “Dissemination and Implementation Activities at UNC’s CTSA,” webinar presentation given to the national CTSA Dissemination, Implementation, and Knowledge Transfer Workgroup, May 16, 2017.
12. **Shea, CM & Rohweder, CL.** “The Community Engaged Resources for Engaged Scholarship (CARES) D&I Methods Unit: Where we have been, where we are now, where we are going,” oral presentation at the NC TraCS CARES and Partners Meeting, Chapel Hill, North Carolina, May 2017.
13. **Shea, CM.** “Organizational Change, Implementation Science, and Health Informatics,” oral presentation given at the UNC Business of Healthcare Convocation, Chapel Hill, North Carolina, January 2017.
14. **Shea, CM & Belden, CM\*.** “Implementing Meaningful Use of the EHR: An organizational change perspective,” oral presentation at the North Carolina Network Consortium Primary Care Conference, Charlotte, NC, April 13, 2013.
15. **Shea, CM; Teal, R; McIntyre, M\*; Haynes-Maslow, L\*; Weiner, BJ; Wheeler, S; Mayer, D.; Young, M; Shea, T.** “Improving Cancer Care Quality with Virtual Tumor Boards using Videoconferencing Technology,” poster presentation at the UNC Lineberger Comprehensive

Cancer Center, Cancer Prevention and Control Program quarterly meeting, Chapel Hill, NC, March 2013.

16. **Shea, CM**; Malone, R.; Weinberger, M.; Reiter, KL.; Thornhill, J.; Lord, J.; Nguyen, N.; Weiner, BJ. "Organizational capacity and readiness for meaningful use of the EHR," oral presentation given at the UNC Public Health Informatics Workshop, Chapel Hill, NC, September 2012.
17. **Shea, C.**; Malone, R.; Weinberger, M.; Weiner, B.; Reiter, K.; Thornhill, J.; Lord, J.; Nguyen, N.\* "Assessing Capacity and Readiness for Change to Achieve Meaningful Use of WebCIS in Ambulatory Care Settings," poster presentation at the UNC Health Care System Quality Expo, Chapel Hill, NC October 2011.

## **TEACHING AND MENTORING ACTIVITIES**

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### **Courses Taught**

Fall 2023	Advanced Health Services Research Methods and Applications (HPM 886, section 1), 3 credits, 6 students
Fall 2022	Advanced Health Services Research Methods and Applications (HPM 886, section 1), 3 credits, 7 students
Fall 2021	Advanced Health Services Research Methods and Applications (HPM 886, section 1), 3 credits, 9 students
Fall 2020	Advanced Health Services Research Methods and Applications (HPM 886, section 1), 3 credits, 11 students
Spring 2020	Implementing Health Informatics Initiatives (HPM 620, section 1), 3 credits, 22 students
Fall 2019	Advanced Health Services Research Methods and Applications (HPM 886, section 1), 3 credits, 9 students
Summer 2019	Leadership in Health Informatics (HPM 940, section 1), 3 credits, 12 students
Spring 2019	Health IT and Informatics, a one-week module in the course Introduction to Healthcare Organizations and Policy (MBA 749 / HPM 795), 29 students
Fall 2018	Advanced Health Services Research Methods and Applications (HPM 886, section 1), 3 credits, 12 students
Summer 2018	Health IT and Informatics, a one-week module in the course Introduction to Healthcare Organizations and Policy (MBA 749 / HPM 795), 29 students
Spring 2018	Implementing Health Informatics Initiatives (HPM 620, section 1), 3 credits, 23 students

Spring 2018 Health IT and Informatics, a one-week module in the course Introduction to Healthcare Organizations and Policy (MBA 749 / HPM 795), 23 students

Spring 2018 Implementing Health Informatics Initiatives (HPM 620, section 1), 23 students

Spring 2018 Health IT and Informatics, a one-week module in the course Introduction to Healthcare Organizations and Policy (MBA 749 / HPM 795), 23 students

Summer 2017 Health IT and Informatics, a one-week module in the course Introduction to Healthcare Organizations and Policy (MBA 749 / HPM 795), 27 students

Spring 2017 Implementing Health Informatics Initiatives (HPM 620, section 1), 10 students

Spring 2017 Health IT and Informatics, a one-week module in the course Introduction to Healthcare Organizations and Policy (MBA 749 / HPM 795), 10 students

Fall 2016 Health IT and Informatics, a one-week module in the course Introduction to Healthcare Organizations and Policy (MBA 749 / HPM 795), 14 students

Summer 2016 Health IT and Informatics, a one-week module in the course Introduction to Healthcare Organizations and Policy (MBA 749 / HPM 795), 28 students

Spring 2016 Implementing Health Informatics Initiatives (HPM 620, section 1), 5 students

Fall 2015 Leadership in Health Informatics (HPM 940, section 1), 12 students

Summer 2015 Leadership in Health Informatics (HPM 940, section 1), 12 students

Spring 2015 Implementing Health Informatics Initiatives (HPM 620, section 1), 12 students

Fall 2014 Implementation Science, a 4-week module in the course Advanced Applications in Health Services Research Methods (HPM 886, section 1), 15 students

Spring 2014 Implementing Health Informatics Initiatives (HPM 620, section 1), 28 students

Spring 2013 Implementing Health Informatics Initiatives (HPM 690, section 1), 23 students

2005 - 2010 Health Organization Leadership, Management and Behavior (UNC, HPM 330)

2007 - 2010 Honors Research in Health Policy and Management (UNC, HPM 691H)

2008 - 2011 Independent Honors Research (UNC, HPM 692H)

2010 Strategic Planning and Marketing in Health Organizations [co-taught] (UNC, HPM 320)



2007	Readings in Health Policy: Information Systems in Health Care (UNC, HPM 496)
2007-2010	Field Training in Health Policy and Management (UNC, HPM 301)
2006	Management of Human Resources in Health Organizations (UNC, HPM 720)
2001 - 2005	Introduction to Health Services Research (EMP master's paper course), (UNC, HPAA 176)
2000 - 2006	Business Writing for Health Administrators (UNC, HPAA 72)
1996 - 1998	Freshman Composition (WVU, ENG 1)

### **Guest Lectures in Courses at UNC-Chapel Hill**

1. April 2024, "Qualitative Methods and Mixed Methods Designs: An Overview and Application," presented in Foundations of Implementation Science (PHRS 815), taught by Megan Roberts, School of Pharmacy, UNC-Chapel Hill.
2. February 2024, "A Conceptual Model of Champion Impact," presented in Implementation Science in Health (HPM 767), taught by Angela Stover, Gillings School of Global Public Health, UNC-Chapel Hill.
3. January 2024, "Qualitative Methods and Mixed Methods Designs: An Overview and Application," presented in Foundations of Implementation Science (PHRS 815), taught by Megan Roberts, School of Pharmacy, UNC-Chapel Hill.
4. April 2023, "Semi-structured Interviews in Qualitative Research," presented in Practice Based Research (HPM 953), taught by Sandra Greene, Gillings School of Global Public Health, UNC-Chapel Hill.
5. November 2022, "Assessing the Work of Champions," presented in Research Seminar in Health Policy and Management (HPM 873), taught by George Pink and Mark Holmes, Gillings School of Global Public Health, UNC-Chapel Hill.
6. April 2022, "Semi-structured Interviews in Qualitative Research," presented in Practice Based Research (HPM 953), taught by Sandra Greene, Gillings School of Global Public Health, UNC-Chapel Hill.
7. January 2022, "Qualitative Methods and Mixed Methods Designs: An Overview and Application," presented in Foundations of Implementation Science (PHRS 815), taught by Megan Roberts, School of Pharmacy, UNC-Chapel Hill.
8. November 2021, "Applying Implementation Science in Dissertation Proposals," presented in the Doctoral Dissertation Seminar (HPM 994), taught by Sally Stearns, Gillings School of Global Public Health, UNC-Chapel Hill.
9. April 2021, "Semi-structured Interviews in Qualitative Research," presented in Practice Based Research (HPM 953), taught by Sandra Greene, Gillings School of Global Public Health, UNC-Chapel Hill.
10. October 2020, "Implementation Science in Health," presented to the NC Translational and Clinical Sciences Institute (NC TraCS) Postdoctoral T Trainees, UNC-Chapel Hill.

11. September 2020, "Organizations, Technology, and Implementation," presented in Research Seminar in Health Policy and Management (HPM 873), taught by George Pink and Mark Holmes, Gillings School of Global Public Health, UNC-Chapel Hill.
12. April 2020, "Implementation Science and Disparities Research," presented in Translational Health Disparities: Research, Practice & Policy (HPM 830), taught by Peggye Dilworth-Anderson, Gillings School of Global Public Health, UNC-Chapel Hill.
13. February 2020, "Publishing: Selecting a Journal and Responding to Reviewer Comments," presented in Advanced Research Seminar in Health Policy and Management (HPM 874), taught by Alex White, Gillings School of Global Public Health, UNC-Chapel Hill.
14. January 2020, "Qualitative Methods: An overview and application," presented in Foundations of Implementation Science (PHRS 815), taught by Megan Roberts, School of Pharmacy, UNC-Chapel Hill.
15. October 2019, "Assessing Organizational Readiness for Change," presented in Research Seminar in Health Policy and Management (HPM 873), taught by George Pink and Mark Holmes, Gillings School of Global Public Health, UNC-Chapel Hill.
16. March 2019, "Organizational Readiness for Change," presented in Implementation Science in Health (HPM 767), taught by Byron Powell.
17. October 2018, "Improving Researcher-Community Partnerships," presented in Research Seminar in Health Policy and Management (HPM 873), taught by George Pink and Mark Holmes, Gillings School of Global Public Health, UNC-Chapel Hill.
18. February 2018, "Readiness for Community-Engaged Dissemination and Implementation Research," presented in the Health Policy and Management Departmental Research Seminar.
19. October 2017, "An Overview of Health Informatics for Health Policy and Management," presented in Overview to Health Services Research/Health Policy (HPM 884), taught by Morris Weinberger, Gillings School of Global Public Health, UNC-Chapel Hill.
20. October 2017, "Health Informatics and Implementation Research," presented in Research Seminar in Health Policy and Management (HPM 873), taught by George Pink and Mark Holmes, Gillings School of Global Public Health, UNC-Chapel Hill.
21. September 2017, "Health Informatics and Implementation Research," presented in Health Informatics Seminar in the Carolina Health Informatics PhD Program, taught by David Potenziani, UNC-Chapel Hill.
22. October 2016, "Informatics, Implementation, and Organizational Change," presented in Research Seminar in Health Policy and Management (HPM 873), taught by Daniel Lee, Gillings School of Global Public Health, UNC-Chapel Hill.
23. November 2015, "Organizational Readiness for Change," presented in Improving Quality, Safety, and Outcomes in Health Care Systems (N874), taught by Rebecca Kitzmiller, School of Nursing, UNC-Chapel Hill.
24. October 2015, "Informatics in Health Care & Public Health: What is it, and why should you care?" presented in Research Seminar in Health Policy and Management (HPM 873), taught by Asheley Skinner, Gillings School of Global Public Health, UNC-Chapel Hill.
25. April 2015, "Doing Health Services/Policy Research: The Way the Game Works," faculty panel discussion in Health Services/Health Policy Research Methods II (HPM 885), taught by Joe Morrissey, Gillings School of Global Public Health, UNC-Chapel Hill.
26. September 2014, "Electronic Health Records Implementation and Organizational Change," presented at the Health Care Quality and Patient Outcomes Seminar in the School of

Nursing, UNC-Chapel Hill.

27. September 2014, "Electronic Health Records, Quality Improvement, and Organizational Change," presented in Research Seminar in Health Policy and Management (HPM 873), taught by Antonia Bennett, Gillings School of Global Public Health, UNC-Chapel Hill.
28. April 2014, "Implementation of electronic health records," presented at the Division of Pharmaceutical Outcomes and Policy seminar, School of Pharmacy, UNC-Chapel Hill.
29. November 2013, "Health informatics projects: the implementation challenge," presentation sponsored by the Student Global Health Committee, Gillings School of Global Public Health, UNC-Chapel Hill.
30. October 2013, "Promoting effective use of health information systems," presented at the Lunch with the Dean series, Gillings School of Global Public Health, UNC-Chapel Hill.
31. October 2013, "Implementation science: an organizational perspective," presented in Interdisciplinary Perspectives in Global Health (PUBH 510), taught by Peggy Bentley and Mamie Sackey, Gillings School of Global Public Health, UNC-Chapel Hill.
32. October 2013, "Implementation of electronic health records," presented in Research Seminar in Health Policy and Management (HPM 873), taught by Antonia Bennett, Gillings School of Global Public Health, UNC-Chapel Hill.
33. September 2012, "Organizational capacity and readiness for meaningful use of the EHR: clarifying concepts and developing measures," presented in Research Seminar in Health Policy and Management (HPM 873), taught by Bryce Reeve, Gillings School of Global Public Health, UNC-Chapel Hill.
34. April 2012, "Health Informatics and Decision Making," presented to the Informed Decision Making in Cancer Care (HPM 768) course, taught by Bryce Reeve, Gillings School of Global Public Health, UNC-Chapel Hill.

#### **Faculty Mentoring (primary mentor\*)**

1. \*Dorothy Sippo, MD, MPH, Associate Professor and Vice Chair for Informatics, Department of Radiology, UNC-Chapel Hill (2023-present)
2. \*Nadja Alexandra Vielot, PhD, Assistant Professor of Family Medicine, UNC-Chapel Hill (2022-present)
3. David F. Friedlander, MD MPH, Assistant Professor of Urology, UNC-Chapel Hill (2021-present)
4. Angela Stover, PhD Assistant Professor of Health Policy and Management, UNC-Chapel Hill (2021-present)
5. \*Tim Carney, Adjunct Assistant Professor of Health Policy and Management, UNC-Chapel Hill (2020-present)
6. \*Arrianna Planey, PhD, Assistant Professor of Health Policy and Management, UNC-Chapel Hill (2020-present)
7. Byron Powell, PhD, Assistant Professor of Health Policy and Management (2018-2019)

#### **Peer Teaching Evaluations Conducted**

1. Angela Stover, HPM 767, June 2022
2. Arrianna Planey, HPM 756, January 2022
3. Angela Stover, HPM 794, June 2021

4. Leah Frerichs, HPM 885, April 2021

**Doctoral Mentees / Dissertations Supervised** (primary mentor/ committee chair\*)

1. John Geracitano, PhD Student (Carolina Health Informatics Program), Digital Health Vulnerability Index Development and Usability (2024-Present)
2. \*Nicole Brown, PhD Student, Implementation of Caregiving Support in Jamaica (2023-present)
3. Brian (Kip) Sang'utei, DrPh Student, Effective use of telehealth to enhance access to suicide prevention care among Veterans: Mental health staff perspectives (2023-present)
4. Cambray Smith, PhD Student, Preparing pediatricians to address online information about contraception with adolescents (2023-present)
5. \*Christy Ikemeh, PhD Student, Assessing Antenatal Care in Rural Nigeria (2023-present)
6. Elizabeth Kwong, PhD Student (Carolina Health Informatics Program), Development, Evaluation, and Implementation of a Physics Automated Pre-treatment QA Checklist (2022-present)
7. Aniyar Izguttinov, PhD Student, Effects of Value Based Payments on Delivery of Low Value Care (2023-present)
8. \*Melanie Phelps, DrPH Student, Expanding the Use of Doulas to Improve Maternal and Birth Outcomes in North Carolina (2022-2023)
9. \*Jessica Wallace, DrPH Student, Clinician Burnout in FQHCs (2022-2024)
10. Joseph Konstanzer, PhD Student, Out-of-State Psychiatric Residential Treatment Facility Placements: Causes, Consequences, and Solutions (2022-present)
11. Addie Coleman, PhD Student, Alcohol and Substance Use among American Indian/Alaska Native Birthing People: A Mixed Methods Study of Punitive versus Supportive State Policies and Community-Level Risk Factors (2022-2024)
12. Albert Wright, DrPh Student, How Can the Integrated Care for Kids Program, a CMS Alternative Payment Model, be Utilized to Improve Pediatric Social Determinants of Health? (2022-present)
13. Zhang Zhang, PhD Student, Telehealth and Impact on Healthcare Utilization and Quality of care (2022-present)
14. \*Katie Grimes, PhD Student, TBD (2021-present)
15. Maggie Holly, PhD Student, Prosocial interventions and “warm glow,” (2022-2023)
16. Marty Cooney, DrPH Student, Healthcare providers and parents of patients in the NICU: What are the barriers and facilitators to mobile device cleaning? (2021-2023)
17. \*Monisa Aijaz, PhD Student, TBD (2020-present)
18. \*Michael Jefferies, DrPH Student, Technology Interventions and Referral Methods for Substance Use Disorder (2021-2023)
19. \*Josh Weinstein, PhD Student, Health System Integration in Diabetes Care (2019-2023)
20. \*Hannah Margaret Clare, PhD Student, The Diagnostic Odyssey for Adults with Myalgic Encephalomyelitis (ME/CFS) (2018-present)
21. Marc Caruana, DrPH Student, Academic Health Centers and Social Determinants of Health: Community Health Improvement, (2020-2023).
22. Alix Boisson, PhD Student, Hepatitis B in Democratic Republic of Congo (2020-2023).
23. Aliza Nedimyer, PhD Student (Human Movement Science), Information Seeking in Athletic Trainers Related to Exertional Heat Illness (2020-2022)

24. \*Sepheen Byron, DrPH Student, State Levers Related to Health Information Exchange, (2019-2022).
25. Bryan Hatcher, DrPH Student, Accelerating Trauma-Informed Care Practices into Clinical Settings to Address Patients' Adverse Childhood Experiences (2019-2022).
26. Adam Lee, PhD Student (Informatics), Implementation barriers within clinical workflows (2019-present).
27. Manish Kumar, PhD Student (Informatics), Global Digital Health Implementation, (2018-2020)
28. \*Amber Hailey, PhD Student, Social needs screening in community health centers: investigating implementation context, strategies, and outcomes, (2018-2021)
29. Sheila Patel, PhD Student, The impact of a multifaceted QI intervention and the influence of teams, (2018-2020)
30. \*Connor Drake, PhD Student, Evaluating the Protocol for Responding to and Assessing Patients' Assets, Risks, and Experiences (PRAPARE) Tool (2018-2020)
31. Mohamed Ismail, DrPH Student, Improving the Care for People with Diabetes in a Free Clinic Setting (2018-2020)
32. Oscar Fleming, DrPH Student, Organizing the Workforce to Improve Child Well-being: A Qualitative Study of Implementation Teams in Complex Systems (2017-2020)
33. Natalie Ernecoff, PhD Student, Palliative Care for Patients with Serious Illness: Symptoms, Goals, and Spiritual Care in the Last Six Months of Life. (2017-2019)
34. Janell Wright, DrPH Student, Impact of HIV Project ECHO Intervention in Kazakhstan (2017-2018)
35. \*Kea Turner, PhD Student, Piloting a Medicaid population health management intervention in community pharmacies: An implementation study. (2016-2018)
36. Evan Simpson, DrPH Student, Assessing the Organizational Readiness of the Zambia Ministry of Health to Adopt a "Next Generation" Immunization Supply Chain System. (2016-2018)
37. Amir Alishahitabriz, PhD Student, Full-capacity Protocol Implementation in Emergency Departments. (2016-2018)
38. David Nimke, DrPH Student, Data mining electronic healthcare records to increase the speed and quality of drug safety signal detection. (2015-2018)
39. Rachel Machta, PhD Student, Implementation and Delivery of a Hospital Transitional Care Program. (2014-2016)
40. \*Shannon Stokely, DrPH Student, Consumer access to immunization information systems: evaluation of a five-state pilot project. (2014-2016)
41. Diana Derige, DrPH Student, Breastfeeding among U.S. Latinas: Untangling Pan ethnic identity to inform health prevention planning. (2014-2016)
42. Jason Mose, PhD Student, Hospital Electronic Medical Records and Care Quality. (2014-2016)
43. \*Saad Khan, DrPH Student, Enabling chronic disease surveillance: Public health preparedness to leverage health information exchange in South Texas. (2012-2014)
44. Tim King, DrPH Student, Pharmaceutical Research and Development: A Key Informant Assessment of Whether an "Open-Science" Model Could Improve Clinical Research in Terms of Quality and Efficiency. (2012-2013)
45. \*Cecilia Fabrizio, DrPH Student, The Hong Kong Cervical Screening Programme: An Exploration of Factors Affecting Physicians' Adoption of the Innovation. (2010-2011)

### **Master's Papers Supervised (primary advisor\*)**

1. Ashtyn T. Neuwirth, MSPH Student, Patient-Provider Electronic Communication via Certified Electronic Health Record Technology During COVID-19 Pandemic (2022-present)
2. \*Lauren Richardson, MSPH/MBA Student, Partnerships between Health Systems and Community-Based Organizations to Address Non-Medical Needs: A Scoping Review (2021-2022)
3. \*Estella B. Obi-Tabot, MSPH Student, Improving the Health Data Infrastructure in US Virgin Islands. (2019-2020)
4. Mahaya Walker, MPH Student at Yale School of Public Health, Perspectives of Community Based Organizations on Research Capacity and Engagement: A Qualitative Analysis. (2018-2019).
5. \*Sam Johns, MBA/MHA Student, A Review of Telestroke Outcomes and Processes (2018-2019).
6. \*Katie Tirtanadi, MSPH Student, Algorithmic Culture in Health Care (2018-2019).
7. \*Tina Simpson, MSPH Student, Evaluating an Organizational Readiness Assessment for use by staff in Skilled Nursing Facilities. (2017-2018)
8. Kathleen Knocke, MSPH Student, Implementation Cost Reporting in Trauma-Focused Cognitive Behavioral Therapy: A Systematic Review. (2017-2018)
9. \*Emilia Ndely, MBA/MHA Student, Creating a Data Driven Culture: Hospital Readiness to Utilize "Big" Data to Inform Strategic and Operational Decisions. (2015)
10. \*Melissa Callaham, MSPH Student, Information Management: An Opportunity to Improve Evidence-Based Decision Making in Zambia. (2013-2014)
11. \*Vann Newkirk, MSPH Student, Assessing North Carolina's Public Health Capabilities for Meaningful Use. (2011-2012)

### **Undergraduate Honors Theses Supervised (primary advisor\*)**

1. Yurhee Lee, (2012-2013) Evaluating Impacts of TeamSTEPPS Implementation on Outcomes in the Operating Room. (2012-2013)
2. \*Lauren Blanchett, Physician Champions and Quality Improvement Initiatives: A Systematic Review. (2011-2012)
3. Benjamin Sines, Patient Socio-economic Status and the Effect on Physician-Patient Relations. (2010-2011)
4. Sabina Ahmad, Assessing Geographic Distance as a Barrier to Dental Care for Early Head Start Enrollees in North Carolina. (2010-2011)
5. \*Bitia Emrani, Improving Primary Health Care Provision to Karen Refugees in Chapel Hill & Carrboro. (2009-2010)
6. \*Setu Shah, Factors Affecting Perceptions of a Health Information Technology Vendor. (2009-2010)
7. \*Dharmi Tailor, Improving the Relationship between Physicians and In-house Legal Counsel at UNC Health Care. (2009-2010)
8. Brittany Giles, North Carolina School-Based Health Centers: Methods of Promoting High School Student Health Status and Academic Performance. (2009-2010)
9. \*Laura Dickson, The Evolution of Five Southern SCHIP Programs. (2007-2008)
10. \*Lindsey Haynes, Exploring How Children's Literature Can Enhance Pediatric Patients'

- Understanding of Their Medical Illnesses. (2007-2008)
11. \*Kirkland Lynch, State Gun Policy Analysis: The Effect of America's State Gun Policies on States' Homicide by Firearm Rates. (2007-2008)
  12. \*Kaili Mumme, Exploring Barriers to Access for Emergency Contraception in Four Counties of North Carolina. (2007-2008)
  13. \*Kathryn Shaia, Access to Consumer Health Libraries and Patient Perception of Quality of Care. (2007-2008)
  14. Stacy Michal, Understanding Child Abuse and Maltreatment in South Africa: A Systematic Literature Review. (2007-2008)
  15. Kim Miller, An Analysis of Physical Therapy Funding in North Carolina. (2007-2008)
  16. Jennifer Cox, Health Savings Accounts and other Health Care Plans: What Do College Students Know? (2006-2007)
  17. Josette Gbemudu, Redressing the Balance: Perceptions of "Brain Drain" Among Professionals in West African Associations. (2006-2007)
  18. \*Shannon Mills, Organizational Change: The Planetree Initiative Implementation at UNC's Department of Rehabilitation in Chapel Hill, North Carolina. (2005-2006).
  19. Suha Patel, The Sustainability of HIV Intervention Programs for Sex Workers in India. (2005-2006)
  20. Jada Keith, Prostate Cancer Screenings: Misconceptions and Beliefs among Men in Pender County, North Carolina. (2005-2006)

### **Teaching Fellows Supervised**

Fall 2008      Monique Cohen, HPAA 220: Business Writing for Health Administrators  
 Fall 2007      Rene Sterling, HPAA 220: Business Writing for Health Administrators  
 Spring 2007    Asheley Cockrell Skinner, HPAA 220: Business Writing for Health Administrators

### **Research Assistants Funded & Supervised**

Marah Maaita (summer 2023)  
 Sharita Thomas (fall 2022-present)  
 Monisa Aijaz, PhD student (spring 2021-present)  
 Burcu Bozkurt, PhD student (spring 2021-spring 2022)  
 Hannah Winslow, MSW/MPH student (summer 2020-spring 2022)  
 Josh Weinstein, PhD student (summer 2020)  
 Nimmy Babu, MHA student (summer 2020)  
 Hannah Margaret Clare, PhD student (fall 2018-fall 2019)  
 Amir Alishahitabriz, PhD student (spring 2017-fall 2017)  
 Kea Turner, PhD student (Spring 2015-spring 2018)  
 Neela Kumar, MSPH student (Fall 2014-Spring 2015)  
 Jordan Albritton, PhD student (Summer 2013-2015)  
 Mike Belden, PhD student (Summer 2013-Fall 2013)  
 Molly McIntyre, MSPH student (Fall 2012-Spring 2013)  
 Vinay Shastry, MHA student (Fall 2012-Spring 2013)  
 Jason Mose, PhD student (Fall 2012)  
 Vann Newkirk, MSPH Student (Spring 2012)

Nicholas Nguyen, MHA student (Fall 2011-Spring 2012)  
Lindsey Haynes-Maslow, PhD student (Summer 2011-Summer 2012)

## GRANTS AND CONTRACTS

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### Funded Research - Active

1RC2TR004380-01                      Khairat (PI)    08/01/2023 – 04/30/2028

NIH/NCATS

Title: Center for Virtual Care Value and Equity (ViVE)

Role: Co-I

Total Award: \$3,730,041

UL1TR004406                              Buse (PI)    4/01/2023 – 3/31/2030

NIH/NCATS

Title: North Carolina Translational and Clinical Sciences Institute (NC TraCS) - UNC Clinical and Translational Science Award

NC TraCS catalyzes development, testing, implementation, and dissemination of translational science and research to improve human health, with an explicit focus on advancing health equity. The Institute performs and supports research that advances the science of translation, maximize the informativeness of translational research, train and maintain a diverse, expert, multidisciplinary translational research workforce and implement evidence-based strategies to improve human health.

Role: Co-Director of Implementation Science (Co-I)

Total Award: \$69,918,102

Not Assigned                              Shea (PI)    11/01/2022 – 12/31/2024

DexCom, Inc.

Assessing the Implementation and Impact of Real-Time Continuous Glucose Monitoring for Patients with Type 2 Diabetes in WakeMed Primary Care

The study assesses (1) the effectiveness of provider-initiated rtCGM technology in decreasing HbA1c among individuals with T2D that are not treated with prandial insulin and that are failing to meet HbA1c goals; (2) patient-, provider-, and/or practice-level determinants of effective implementation and use of rtCGM.

Total Funding: \$230,311

Role: PI

Not Assigned                              Holmes (PI)    09/01/2020 – 08/31/2027

NC DHHS

North Carolina Medicaid Reform Demonstration: Medicaid 1115 Waiver Evaluation

The purpose of this project is to evaluate the North Carolina Medicaid 1115 waiver, including both quantitative and qualitative analyses.

Total Funding: \$10,813,317

Role: Co-I



6 U3GRH40003-01-01 Mohr (PI, Univ of Iowa) 9/1/2020 – 8/31/2025

FORHP, HRSA

Rural Telehealth Research Center

The Rural Telehealth Health Research Center conducts research to advance evidence in the area of telehealth, especially in rural applications. The Center is comprised of three research partners: University of Iowa, University of North Carolina-Chapel Hill, and University of Southern Maine.

Total Funding: \$3,800,000

Role: Site PI

R01HL150909-01A1 Corbie-Smith/Dave/Lindau (PI) 01/01/2020 – 12/31/2024

NHLBI

Implementation of EMR-Integrated Referrals to Link Clinical and Community Services to Reduce Health Inequity

Our overall objective is to identify factors that influence implementation and assess the health impact of a closed-loop referral system to community health-promoting resources in a rural setting.

Total Funding: \$3,801,610

Role: Co-I

U01-DK137262 Dave (PI) 09/01/2023 – 06/30/2028

NIDDK

Community Rx- Chronic Kidney Disease (CRx-CKD): An EMR-integrated community resources referral intervention to address structural racism and kidney health disparities in rural North Carolina

This project implements Community Rx-Chronic Kidney Disease (CRx-CKD), an infrastructural intervention that integrates medical with social care to reduce the public health burden of CKD by mitigating disparities in care for African American patients. To that end, a partnership of local stakeholders with researchers will build community-to-clinic linkages and test the implementation and effectiveness of CommunityRx in attenuating kidney disease progression.

Total Funding: \$3,577,795

Role: Co-I

### **Funded Research - Completed**

R01CA240092-01 Wheeler / Rosenstein (PI) 08/15/2019 – 07/31/2023

NCI

Addressing Cancer-Related Financial Toxicity In Rural Oncology Care Settings

This objectives of this project are to 1) understand the rural oncology practice context to optimize tailored strategies to support FN implementation; (2) assess FN intervention implementation in rural oncology practices; and (3) evaluate the effects of FN implementation on patient outcomes.

Total Funding: \$2,260,617

Role: Implementation Science Advisory Board Member

UL1TR002489-01 Buse (PI) 03/2018 - 02/2023

NIH/NCATS

UNC Clinical Translation Science Award (NC TraCS)

Implementation Science Methods Unit

The Dissemination and Implementation Science Methods Unit provides consultation and develops content and tools to facilitate implementation of evidence-based practices.

Funding Amount: \$6,028,298

Role: Faculty Lead of Implementation Science

R01 HL146615-01

Stefan (PI)

5/1/2019 – 3/31/2022

NHLBI

Implementation of interprofessional training to improve uptake of noninvasive ventilation in patients hospitalized with severe COPD exacerbation

This project conducts an embedded, pragmatic, parallel 2-arm randomized trial to compare the effectiveness of two implementation strategies—interprofessional education and on-line education—on noninvasive mechanical ventilation (NIV) use in appropriate patients hospitalized with COPD.

Role: Co-Investigator

1UH3HL130691-06 Safford (overall PI, Halladay UNC Site PI) 09/28/2015 – 08/31/2021

NHLBI

Collaboration to Improve BP in the US Black Belt Region: Addressing the Triple Threat

This is a collaboration including East Carolina University, UNC, Cornell University, and University of Alabama Birmingham (PRIME) to test the effectiveness of peer coaching and practice facilitation on improvement in blood pressure control among African American Adult in 80 primary care practices in Alabama and NC.

Role: Co-Investigator

R18HS25065-01

Green (PI)

11/1/2016 – 9/30/2020 NIH/AHRQ

UNC Extension for Community Healthcare Outcomes for Rural Primary Care Medication

Assisted Treatment (UNC ECHO for MAT)

This demonstration project will expand access to MAT in 22 rural and underserved counties, reducing the risk of accidental overdose deaths through a multilayered provider and practice engagement strategy. The aims of the project are to: (1) increase understanding about how known barriers to the implementation of medication-assisted treatment (MAT) in primary care can be overcome and (2) evaluate strategies to overcome those barriers.

Funding Amount: \$2,936,092

Role: Co-Investigator

U1CRH29074

Ward (PI)

9/1/2015 – 8/31/2020

FORHP, HRSA (Primary Funder)

University of Iowa (Subcontract)

Telehealth Rural Health Research Center

The Telehealth Rural Health Research Center conducts research to advance evidence in the area of telehealth, especially in rural applications. The Center is comprised of three research partners: University of Iowa, University of North Carolina-Chapel Hill, and University of Southern Maine.

Total Funding Amount: \$3,000,000  
UNC Subcontract: \$400,000 Shea, C (PI)  
Role: Site PI

TI17014 Green (PI) 11/01/17 – 04/30/2020  
NC DHHS  
UNC Extension for Community Healthcare Outcomes for Rural Primary Care MAT  
A contract with NC DHHS for this expansion of the UNC ECHO MAT project allows the researchers to meet the ECHO case-based learning needs of physicians around the state to address the opioid crisis.  
Funding Amount: \$1,012,739  
Role: Co-Investigator

Not Assigned Domino (PI) 12/18 – 11/19  
NC DHHS  
Medicaid Waiver Evaluation Proposal Preparation  
The purpose of this project is to plan and design the evaluation of the North Carolina Medicaid waiver, prior to waiver implementation. The evaluation will include both quantitative and qualitative analyses.  
Role: Co-Investigator

1UL1TR001111 Buse (PI) 9/26/2013-2/28/2018  
NIH/NCATS  
UNC Clinical Translation Science Award  
Dissemination and Implementation Science Methods Unit  
The Dissemination and Implementation Science Methods Unit provides consultation and develops content and tools to facilitate implementation of evidence-based practices.  
Funding Amount: \$54,600,000  
Role: Faculty Lead of Implementation Science

1C1CMS331338-01-00 Trygstad (PI) 9/01/2014-08/31/2017  
Community Care of North Carolina (Subcontract)  
Centers for Medicare and Medicaid Innovation (CMMI) (Primary Funder)  
Optimizing the Medical Neighborhood: Transforming Care Coordination through the North Carolina Community Pharmacy Enhanced Services Network.  
This project will test a model focused on community-based pharmacists who will deliver medication management services and care coordination with the patient centered medical home. These services are expected to reduce hospital readmissions and visits to the emergency department.  
Funding Amount: \$15,106,050.  
UNC Subcontract \$1,400,00. Farley J (co-PI), Roth MT (co-PI)  
Role: Co-Investigator

Not Assigned Smith / Armao (PI) 07/01/2014-06/30/2015  
North Carolina Translational & Clinical Sciences Institute  
UNC Department of Radiology Community Research Partnership Project: A Pilot

Study aimed at the Dissemination and Implementation of Best Practice Guidelines in Pediatric CT Scan Radiation Dose Reduction

Funding Amount: \$50,000

Role: Co-investigator (in kind)

Not Assigned

Shea (PI)

07/01/2011 - 06/30/2015

Implementing Meaningful Use of EHRs in UNC Health Care Ambulatory Care Settings

The goal of this project is to assess the organizational capacity, readiness, and climate of 55 health care delivery divisions within UNC Health Care for achieving meaningful use and, subsequently, the success of eligible providers in achieving meaningful use.

Funding Amount: \$440,000

Role: Principal Investigator

5-045915

Fisher (PI)

10/1/2011-12/31/2014

Bristol-Myers Squibb Foundation

Peers for Progress Program Development Center-BMSF

This project is housed within the Peers for Progress program and focuses on diabetes management through peer support and community outreach from the Patient-Centered Medical Home.

Direct Costs: \$1,023,625

Role: Co-investigator

HHS 290-2010-00024i

Wald (PI)

09/01/2013-08/31/2014

Agency for Healthcare Research and Quality

Evaluation of Stage 3 Meaningful Use Objectives

The goal of this project is to evaluate proposed federal objectives for meaningful use of electronic health records.

Funding Amount: \$534,827

UNC Subcontract: \$99,823 Moore C (PI)

Role: Co- investigator

KL2TR001109

Runge (PI)

11/1/2013-4/30/2014

NIH/NCATS

North Carolina Translational & Clinical Sciences Institute (NC TRACS)

The overall goal of this application is to combine the research strengths, resources and opportunities at UNC and new partner, RTI International, to build on the foundation established in the CTSA's last five years. NC TraCS will work to improve human health by accelerating clinical and translational research from health science discovery to dissemination to patients and communities.

Direct Costs: \$1,139,647

Role: K Scholar

5KL2RR025746-04

Runge (PI)

08/01/2011 – 10/31/2013

NIH/NCRR

UNC Clinical Translation Science Award - K12 Scholars Program (KL2)

The objective of the KL2 Program is to train and develop junior investigators who will become

the next generation of successful translational researchers.

Direct Costs: \$2,089,012

Role: K Scholar

Not Assigned

Shea / Shea (PI)

07/01/2011 - 12/31/2012

University Cancer Research Fund

Improving Care Quality with Virtual Tumor Boards Using Videoconferencing Technology

This project is a feasibility study to evaluate the acceptability, intermediate outcomes, and unmet demand for the UNC Lineberger Comprehensive Cancer Center's virtual tumor board program.

Funding Amount: \$77,426

Role: Co-PI

1-R21-AG030166-01A2

Daaleman (PI)

8/15/2009 - 7/31/2011

National Institute on Aging

A Feasibility Study to Improve Older Patient-Physician Communication

The goal of this study is to implement, evaluate, and disseminate a novel health information technology intervention that captures patient quality-of-life data at the point of care for the purpose of enhancing patient-physician communication.

Direct Costs: \$ 333,742

Role: Co-Investigator

## **PROFESSIONAL SERVICE**

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### **To Discipline**

#### International Service

2018	ImpleMentAll Project, funded by the European Union's Horizon research and innovation programme, Consultant (in-kind) on translating the Organizational Readiness for Implementing Change (ORIC) measure into 8 languages
2017	Medical Research Council of the United Kingdom, Grant Proposal Reviewer

#### National Committees, Scientific Review Panels, and Work Groups

2022-2023	Veteran Affairs Quality Enhancement Research Initiative (QUERI) Scientific Merit Review Board (review panel), Review Panel Member
2022	Veteran Affairs Quality Enhancement Research Initiative (QUERI) Initiative to Advance Diversity in Implementation Leadership (ADIL), Reviewer
2022	Agency for Healthcare Research and Quality (AHRQ), Evidence-based Practice Center Program, "Effectiveness of Telehealth for Women's Preventive Services" systematic review, Expert Reviewer
2022	Wake Forest Clinical and Translational Science Institute (CTSI), KL2 Scholar Program, Application Reviewer / Implementation Science Expert
2021	Agency for Healthcare Research and Quality (AHRQ), Evidence-based Practice Center Program, "Improving Rural Health Through Telehealth-Guided Provider-

- 2019-2020 to-Provider Communication” systematic review, Expert Reviewer  
National Academies of Science, Engineering and Medicine, Committee on “A Systems Approach to Reducing Consumer Food Waste,” Member / Implementation Science Expert
- 2018 Center for Health Care Strategies and the Gordon and Betty Moore Foundation, Community Management of Medication Complexity (CMMC): an Innovation Lab, Review Panel Member
- 2017 NIH, National Heart, Lung, and Blood Institute (NHLBI), NHLBI Research Career Development Programs in T4 Implementation Research (K12), Grant Review Panel Member
- 2017-2019 CTSA Dissemination, Implementation and Knowledge Transfer Workgroup, UNC representative

#### Professional Association Service

- 2014, 2016-2019 American Medical Informatics Association Symposium, Reviewer  
2010-2011 Association of Schools of Public Health, Public Health Learning Outcomes Model, Reviewer

#### Editorial Roles for Journals

- 2018-present Associate Editor, *Implementation Science News*  
2009 Editorial Advisory Board Member, *E-Government Website Development: Future Trends and Strategic Models*. (2011) E. Downey, C.D. Ekstrom, and M.A. Jones (Eds.). Hershey, PA: Information Science Reference.  
2006-2007 Associate Editor, *World Health & Population*  
1998-2006 Managing Editor, *Journal of Health & Population in Developing Countries*

#### Ad Hoc Peer Reviewer for Journals

- Administration and Policy in Mental Health and Mental Health Services Research* (2014)  
*American Journal of Community Psychology* (2018)  
*BMJ Nutrition, Prevention & Health* (2021)  
*BMJ Open* (2017-2018, 2023)  
*Community Mental Health Journal* (2022)  
*Diagnostics* (2017)  
*Frontiers in Health Services* (2022)  
*Health Care Management Review* (2015)  
*Health Education & Behavior* (2017)  
*Health Services Research* (2019, 2020, 2021)  
*Implementation Research and Practice* (2019-2020, 2021, 2022)  
*Implementation Science* (2018, 2019, 2022)  
*Inquiry* (2017)  
*Journal of the American Medical Informatics Association* (2011, 2015)  
*Journal of the Association for Information Systems* (2010)  
*Journal of Medical Internet Research* (2019)

*Journal of Substance Abuse Treatment* (2021)  
*Medical Care Research and Review* (2014, 2021)  
*The Milbank Quarterly* (2015-2016)  
*North Carolina Medical Journal* (2013)  
*Pediatric Quality and Safety* (2018)  
*PLOS ONE* (2014)  
*Social Science Computer Review* (2008)  
*Technovation* (2017)  
 Telemedicine and e-Health (2022, 2023)  
*Translational Behavioral Medicine* (2018)

## University Service

### UNC System

2016-2017 UNC General Administration State Licensure Program Review Team, Member

### University of North Carolina at Chapel Hill

2023-present Strategic Planning Committee for the Carolina Health Informatics Program (CHIP), Representative of the Gillings School of Global Public Health  
 2023 RADx-UP Evidence Academy (EA) Steering Committee, Member  
 2021-2023 Graduate School Impact Award, Reviewer  
 2019-2020 UNC Thurston Arthritis Research Center, Core Center for Clinical Research, Internal Advisory Board Member  
 2016-2022 Implementation Science Student Group, Faculty Advisor  
 2015-2021 Professional Science Master's Program in Biomedical and Health Informatics, Advisor  
 2014-present Carolina Health Informatics Program, Faculty  
 2014-2016 Health Informatics Hub student group, Faculty Advisor  
 2014-2015 Promoting Health & Improving Technology (phIT) student group, Faculty Advisor  
 2011-2015 Biomedical Informatics CTSA Core Group, Member  
 2009-2011 Unite for Site student group, Faculty Advisor  
 2006-2009 Health Information Management & Systems Society student group, Faculty Advisor

### Gillings School of Global Public Health, UNC-Chapel Hill

2021-present Consortium for Implementation Science, Gillings Faculty Representative  
 2020-2022 Gillings Study Section, Reviewer  
 2019-present Gillings Research Council, Member  
 2016 Gillings Innovation Laboratory (GIL), Proposal Reviewer  
 2015 Public Health Informatics Certificate Program, Program Administrator  
 2012-2014 Public Health Informatics Planning Group, Member  
 2010-2011 Student Services Council, Member  
 2009-2010 Undergraduate Recruitment and Retention Advisory Committee, Member  
 2008-2010 Public Health Informatics Steering Committee, Member  
 1998-2004 APPLES Service-Learning Program, Consultant

## Department of Health Policy and Management, UNC-Chapel Hill

2018-present PhD Comprehensive Exam Committee-Health Services Research Section, Chair  
2018-2023 Research Committee, Chair  
2018-2019 MPH Director and BSPH Director Faculty Search Committee, Member  
2017-2019 Organization and Implementation Science Faculty Working Group, Faculty Lead  
2017-2018 Tenure-Track Faculty Search Committee, Member  
2017 Gillings One MPH Working Group, Member  
2017-2018 Master's Program Advisory Committee, Member  
2017 Informatics Faculty Working Group, Faculty Lead  
2016-present PhD Comprehensive Exam Committee-Organization and Implementation Science Section, Chair (Member 2016-2018)  
2016-present Organization and Implementation Science Minor (PhD program), Faculty Lead  
2015-present PhD Program Advisory Committee, Member  
2015 Student Advising Task Force, Member  
2014-2015 Health Informatics Faculty Search Committee, Member  
2013-2014 Public Health Dentist Faculty Search Committee, Member  
2013-2015 BSPH Admissions Committee, Member  
2006-2011 BSPH Advisory Committee, Chair (2007-2011) Member (2006)  
2006-2011 Executive Committee, Member  
2003-2011 Research Committee, Member  
2001-2004 Master's Programs Comprehensive Examination Committee, Member  
2001-2003 Master's Programs Admissions Committee, Member

## **Engagement with the Community**

2021-2022 Catholic Relief Services (Consultant)  
2019-2022 West Cary / Reedy Creek Middle School Baseball (Assistant Coach)  
2019-2020 West Raleigh Baseball Association (Youth Baseball Assistant Coach)  
2017-2018 Town of Cary (Youth Baseball Coach)  
2017-2018 Tampa Bay Rays, Major League Baseball team (Consultant)  
2015-2016 Patient Safety Center of Inquiry at the Durham VA Medical Center (Consultant)  
2014-2017 NC Community Pharmacy Enhanced Services Network (CPESN) and Multi-state Collaborative (Consultant)  
2015-2016 Moncure Community Health Center, Moncure, NC (Consultant)  
2015-2017 Orange County Health Department (Mentor for students completing experiential projects)  
2013-2015 North Carolina Healthcare Information and Communications Alliance (NCHICA) (Mentor for students completing experiential projects)  
2012 Patient education and counseling EHR modules for PCMH certification, Carolina Advanced Health primary care practice (Consultant)  
2011-2015 Meaningful Use and quality improvement collaboration with UNC Health Care Department of Practice Quality and Innovation (Lead Faculty)  
2011 Incident reporting system, N.C. Division of Mental Health, Developmental Disabilities and Substance Abuse Services (Consultant)  
2010-2015 N.C. Consumer Advisory Council on Health Information, North Carolina



- 2009-2010 Healthcare Information and Communications Alliance (NCHICA) (Member)  
Faculty Mentor for student teams performing service-learning projects:
- A Helping Hand
  - Carol Woods Assisted Living
  - National Assembly on School Based Health Care
  - North Carolina Healthcare Information and Communication Alliance, Inc.
  - North Carolina Community Health Center Association
  - Office of Health Information Technology, NC Department of Health and Human Services
  - Student Health Action Coalition
  - The Family Center
  - Triangle Residential Options for Substance Abusers