

**CURRICULUM VITAE
Part I**

PERSONAL DATA

Kelly Therese Gleason, PhD, BSN, RN, FAAN

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EDUCATION

| Year | Degree | Institution | Location |
|-------------|---------------|---------------------------------|-----------------|
| 2018 | PhD | Johns Hopkins School of Nursing | Baltimore, MD |
| 2012 | BSN | Georgetown University | Washington, DC |

CURRENT LICENSE AND CERTIFICATION

| Year | Source | Type |
|--------------|---------------|-------------|
| 2012-Present | Maryland | RN |

PROFESSIONAL EXPERIENCE

| Years | Position | Institution | Location |
|--------------|--|---|-----------------|
| 2018-Present | Assistant Professor | Johns Hopkins School of Nursing | Baltimore, MD |
| 2018-Present | Joint Faculty Appointment | Johns Hopkins School of Medicine, Department of Health Science Informatics | Baltimore, MD |
| 2016-Present | Co-Lead, Team Core, Center | Johns Hopkins Medicine Armstrong Institute for Diagnostic Excellence | Baltimore, MD |
| 2016-2018 | Lead of MyChart Recruitment Service | Johns Hopkins University Institute of Clinical and Translational Research | Baltimore, MD |
| 2015-2018 | Research Coordinator & Data Manager | Johns Hopkins University Institute of Clinical and Translational Research | Baltimore, MD |
| 2014-2018 | Assistant Director, Fuld Leadership Program | Johns Hopkins School of Nursing | Baltimore, MD |

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|-----------|-------------|---------------------------------------|---------------------|
| 2013-2018 | Staff Nurse | Johns Hopkins Hospital | Baltimore, MD |
| 2012-2013 | Staff Nurse | University of Virginia Medical Center | Charlottesville, VA |

HONORS AND AWARDS

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|-----------|---|
| 2024 | Reviewer Excellence Certificate, the Editorial Committee of the International Journal of Nursing Studies (IJNS) |
| 2023 | Excellence in Community-Engaged Research Award, Johns Hopkins School of Nursing |
| 2023 | Selected as a "Best of the Best" Oral Abstract, Society to Improve Diagnosis in Medicine |
| 2022 | Inducted into the Fellowship of the American Academy of Nurses (FAAN) |
| 2019 | Promising Faculty Award, Southern Regional Education Board – Council on Collegiate Education |
| 2018-2019 | Society to Improve Diagnosis in Medicine Diagnostic Fellowship |
| 2018 | Martha N. Hill New Investigator Award, American Heart Association |
| 2018 | Rising Star, Sigma Theta Tau International |
| 2018 | Susan K. Donaldson Best Dissertation Award, Johns Hopkins School of Nursing |
| 2018 | Winning Oral Abstract Presentation, Preventive Cardiovascular Nurses Association |
| 2017 | Hal and Jo Cohen Graduate Nursing Faculty Scholarship |
| 2017 | Best Abstract Award (second), International Network for Doctoral Education in Nursing |
| 2017 | International Network for Doctoral Education in Nursing Travel Award |
| 2013 | Patient Safety Champion Award, University of Virginia |
| 2012 | Beginning Clinician of the Year, Nominee, University of Virginia |
| 2012 | Sigma Theta Tau, Tau Chapter, Georgetown University |
| 2008-2012 | Lawless Scholarship Award, Fenwick |
| 2008 | National Merit Commended Scholar |

RESEARCH

Sponsored Projects

2024-2025 Smart Rep: Smart Automation to REspond to Patient portal messages (PI: Gleason, K.T.). Johns Hopkins Artificial Intelligence and Technology Collaboratory for Aging Research. Total direct costs: \$99,517.

2024 Detecting Impending Patient Decompensation through Nurse Free-Text Comments (TIP-OFF). (PI: Gleason, K.T.). Dorothy Evans Lyne Fund for Collaborative Nursing Research. Total direct costs: \$25,000.

2023-2024 Smart Rep: Smart Automation to REspond to Patient portal messages (PI: Gleason, K.T.). Hopkins' Economics of Alzheimer's Disease & Services (HEADS) Center Pilot Core. Total Costs: \$74,450.

2022-2025 Real-World Implementation of a Patient-Reported Measure of Diagnostic Excellence (PI: Gleason, K.T.). Role: Principal Investigator, 20% effort. Gordon and Betty Moore Foundation. Total costs: \$722,125.

2022-2026 Armstrong Institute Center for Diagnostic Excellence-Pursuing Scalable System-Level Diagnostic Quality, Value and Equity by Applying Safety Science to Emergency Department Diagnosis (PI: Newman-Toker & McDonald). Role: Co-Investigator. AHRG (R18 HS29350-01). Total costs: \$3,999,993

2021-2026 Consumer Health Information Technology to Engage and Support ADRD Caregivers: Research Program to Address ADRD Implementation Milestone 13.I (PI: Wolff, J). Role: Co-Investigator, 40% effort. National Institute of Aging (NIA, R35AG072310). Total costs: \$954,276.

2021-2024 Engaging Family Caregivers through Shared Access to the Electronic Health Record: A Multi-Site Demonstration (PI: Wolff, J). 20% effort, John A. Hartford (138723), Total Direct Costs: \$407,154.

2020-2023 Development of a Patient-Reported Measure Set of Diagnostic Excellence (PI: Gleason, K.T.). Role: Principal Investigator, 10% effort. Gordon and Betty Moore Foundation (#9904). Total Costs: \$500,000.

2020-2021 Addressing the Digital Divide to Improve Patient Centered-Outcomes Research (ADD2PCOR) (PI: Gleason, K.T.). Role: Principal Investigator, 10% effort. Patient-Centered Outcomes Research Institute (PCORI, EAIN-00178). Total Costs: \$150,000.

2019-2024 Institute of Clinical and Translational Research (PI: Ford, D), Role: Co-Investigator, Recruitment Innovation Team, 5% effort, National Institutes of Health (UL1TR003098-05), Total Direct Costs: \$9,881,107.

2019-2022 A Human Factors and Systems Approach for Understanding the Diagnostic Process and Associated Safety Hazards in the Emergency Department (PI: Gurses, A.), Role: Co-Investigator, 3% effort, AHRQ (R01 HS 027198). Total Direct Costs: \$277,778.

2019-2021 Institutional Career Development Core (PI: Miller, E.), Role: Trainee, 75% effort, National Institutes of Health NCATS (KL2 TR003099). Total Direct Costs: \$1,915,096.

- 2019-2020 The Impact of Multiple Chronic Conditions on Patient-Reported Diagnostic Accuracy (PI: Gleason, K.),
Role: Principal Investigator of pilot study funded by P30 NR018093 – JHU National Institute of Nursing Research (PI: Szanton, S.). Total Direct Costs: \$30,000.
- 2018-2020 Patients Assigned to Research Teams with Nurses and ER providers to Enhance Diagnosis (PARTNERED) (PI: Peterson, S.), Role: Co-Investigator (Engagement Director), 10% effort, PCORI (Eugene Washington Award). Total Direct Costs: \$250,000.
- 2016-2017 Predoctoral Clinical Research Training Program (PI: Beach, MK), Role: Research Fellow, National Institutes of Health NCATS (TL1 TR001078) Total Direct Costs: \$136,548.
- 2015-2018 Path to a Learning Health System (PI: Ford, DE), Research Coordinator and Data Manager, (PCORI CDRN #1306-04912)
- 2014-2016 Interdisciplinary Training in Cardiovascular Health Research (PI: Allen, J), Research Fellow, National Institute of Nursing Research (T32 NR012704)

SCHOLARSHIP

Publications

Peer Reviewed (*data-based)

1. ***Gleason, K.T.**, Tran, A., Fawzy, A., Yan, L., Farley, H., Garibaldi, B., & Iwashyna, T.J. (2024) Does nurse use of a standardized flowsheet to document communication with advanced providers provide a mechanism to detect pulse oximetry failures? A retrospective study of electronic health record data. *International Journal of Nursing Studies*. (In press).
2. ***Gleason, K.T.**, Powell, D., Degennaro, A., Wu, M.J., Zhang, T., & Wolff, J. (2024). Patient portal messages to support an age-friendly health system for persons with dementia. *Journal of the American Geriatrics Society*. Doi: 10.1111/jgs.18841
3. McDonald, K.M., **Gleason, K.T.**, Jajodia, A., Haskell, H., & Dukhanin, V. Achieving Diagnostic Excellence: Roadmaps to Develop and Use Patient-Reported Measures with an Equity Lens. *International Journal of Health Policy and Management*. (In press).
4. Wolff, J.L., Wec, A., Peereboom, D., **Gleason, K.T.**, Amjad, H., Burgdorf, J., Cassidy, J., DesRoches, C., Fabius, C., Green, A., Lin, C., Nothelle, S., Powell, D., Riffin, C., Smith, J., & Lum, H. (2024). Care Partners and Consumer Health Information Technology: A Framework to Guide Systems-Level Initiatives in Support of Digital Health Equity. *Learning Health System Journal*. Doi: 10.1002/lrh2.10408
5. *Powell, D., Wu, M.J., Nothelle, S., **Gleason, K.**, Oh, E., Lum, H., Reed, N., & Wolff, J. (2024). The Annual Wellness Visit Health Risk Assessment: Potential of Patient Portal-Based Completion and Patient-Oriented Education and Support. *Innovation in Aging*. Doi: 10.1093/geroni/igae023

6. ***Gleason, K.T.**, Wu, M.J., Wec, A., Powell, D., Zhang, & Wolff, J.L. (2023). Patient portal use among older adults with diagnosed dementia: Findings from a cohort study of electronic medical record data. *JAMA Internal Medicine*. Doi: 10.1001/jamainternmed.2023.1568
7. ***Gleason, K.T.**, Wu, MJ, Wec, A., Powell, D.S., Zhang, T., Gamper, MJ, Green, A.R., Nothelle, S., Amjad, H., Wolff, J.L. (2023). Use of the patient portal among older adults with diagnosed dementia and their care partners. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*. Doi: 10.1002/alz.13354
8. Weigand, A., Dukhanin, V., McDonald, K.M., Peterson, S.K., Gonzalez, N., & **Gleason, K.T.** (2023) Patient and care partner assessments of diagnostic excellence in the emergency department: a cognitive interview study. *International Journal of Nursing Studies Advances*. Doi: 10.1016/j.ijnrsa.2023.100129
9. *Huff, N.R., Chimowitz, H. DelPico, M.A., **Gleason, K.T.**, Nanavati, J.D., Smulowitz, P., & Isbell, L.M. (2023). The Consequences of emotionally evocative patient behaviors on emergency nurses' patient assessments and handoffs: An experimental study using simulated patient cases. *International Journal of Nursing Studies*. Doi: 10.1016/j.ijnurstu.2023.104507
10. Piasecki, R.J., Himmelfarb, C.R., **Gleason, K.T.**, Justice, R.M., & Hunt, E.A. (2023). The associations between rapid response systems and their components with patient outcomes: A scoping review. *International Journal of Nursing Studies Advances*. Doi: 10.1016/j.ijnrsa.2023.100134
11. *Peeler, A., Davidson, P.M., **Gleason, K.T.**, Stephens, R.S., Ferrell, B., Kim, B.S., & Cho, S. (2023). Palliative care utilization in patients requiring extracorporeal membrane oxygenation: an observational study. *American Society for Artificial Internal Organs Journal*. doi: 10.1097/MAT.0000000000002021.
12. **Gleason, K.T.**, Powell, D.S., Wec, A., Zou, X., Gamper, M.J., Peereboom, D., & Wolff, J.L. (2023). Patient Portal Interventions: A Scoping Review of Functionality, Automation Used, and Therapeutic Elements of Patient Portal Interventions. *JAMIA Open*. Doi: 10.1093/jamiaopen/ooado77
13. Degennaro, A.P., Peterson, S., Gonzalez, N., & **Gleason, K.T.** (2023). How do patients and care partners describe diagnostic uncertainty in an emergency department or urgent care setting? *Diagnosis*. Doi: 10.1515/dx-2023-0085
14. Dukhanin, V., McDonald, K.M., Gonzalez, N., & **Gleason, K.T.** (2023). Patient reasoning: Patients' and care partners' perceptions of diagnostic accuracy in emergency care. *Medical Decision Making*. Doi: 10.1177/0272989X231207829.
15. Burgdorf, J., Fabius, C., Wu, MJ, **Gleason, K.T.**, Wolff, J. (2023). Patient Portal Use during Home Health Care at an Academic Health System. *Journal of American Medical Directors Association*. Doi: 10.1016/j.jamda.2023.10.015.
16. Wolff, J.W., DesRoches, C.M., Amjad, H., Burgdorf, J.G., Caffrey, M., **Gleason, K.T.**, Green, A.R., Lin, C.T., Nothelle, S.K., Peereboom, D., Powell, D.S., Riffin, C.A., & Lum, H.D. (2022) Catalyzing Dementia Care through the Learning Health System and Consumer Health Information Technology. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*. doi: 10.1002/alz.12918.
17. *Huff, N.R., Liu, G., Chimowitz, H., **Gleason, K.T.**, & Isbell, L.M. (2022). COVID-19 Related Negative Emotions and Emotional Suppression are Associated with Greater Risk Perceptions among Emergency

Nurses: A Cross-Sectional Study. *International Journal of Nursing Studies Advances*. doi: 10.1016/j.ijnsa.2022.100111.

18. **Gleason, K.T.**, Peereboom, D., Wec, A., & Wolff, J. (2022). Patient Portals to Support Care Partner Engagement in Adolescent and Adult Populations: Scoping Review. *JAMA Network Open*, 5(12):e2248696. doi: 10.1001/jamanetworkopen.2022.48696. PMID: 36576738
19. Dahm, M.R., Cattanach, W., Williams, M., Basseal, J.M., **Gleason, K.T.**, & Crock, C. (2022). Communication of diagnostic uncertainty in primary care and its impact on patient experience: An integrative systematic review. *Journal of General Internal Medicine*. doi: 10.1007/s11606-022-07768-y. PMID: 36127538
20. ***Gleason, K.T.** & Dahm, M. (2021). How does a diagnosis described in the patient's own words compare to a clinician-documented diagnosis? *Diagnosis*. Doi: 10.1515/dx-2021-0070
21. Drazich, B., Y. Nyikadzino, & ***Gleason, K.T.** (2021). A Program to Increase Digital Access and Literacy Among Community Stakeholders: Lessons Learned. *JMIR Formative Research*, 5(11):e30605. doi: 10.2196/30605.
22. **Gleason, K.T.** & Suen, J. (2021). Going beyond affordability for digital equity: Closing the 'digital divide' through training programs for older adults. *Journal of Applied Gerontology*, 70(1):75-77. doi: 10.1111/jgs.17511.
23. Miller, H.M., Plante, T., **Gleason, K.T.**, Miller, E., Charleston, J., Mitchell, C. & Juraschek, S.P. (2021). A/B design testing of a clinical trial recruitment website: A pilot study to enhance the enrollment of older adults. *Contemporary Clinical Trials*, 111:106598. doi: 10.1016/j.cct.2021.106598.
24. ***Gleason, K.T.**, Commodore Mensah, Y., Wu, A., Kearns, R., Pronovost, P., & Aboumatar, H., & Himmelfarb, C.R. (2021). Massive Open Online Course (MOOC) learning builds capacity and improves competence for patient safety among global learners: A prospective cohort study. *Nurse Education Today*, 104(10498). Doi: 10.1016/j.nedt.2021.104984
25. Peeler, A., Moser, C., **Gleason, K.T.**, & Davidson, PM. (2021). Frailty as a predictor of post-operative outcomes in invasive cardiac surgery: A systematic review of literature. *Journal of Cardiovascular Nursing*. doi: 10.1097/JCN.0000000000000821
26. Peeler, A., **Gleason, K.T.**, Cho, Sung-Min, & Davidson, PM. (2021). Extracorporeal membrane oxygenation in acute respiratory distress syndrome: How do we expand capacity in the COVID-19 era? *Health, Lung, and Circulation*, 30(5):623-5. Doi: 10.1016/j.hlc.2021.03.001
27. *Peeler, A., Miller, H., Ogungbe, O., Lewis Land, C., Martinez, L., Guerrero Vazquez, M., Carey, S., Singleton, M., Lacanienta, C., **Gleason, K.T.**, Ford, D.E., Himmelfarb, C.R. (2021). Centralized registry for COVID-19 research recruitment: Design, development, implementation, and preliminary results. *Journal of Clinical and Translational Research*. [In press]
28. **Gleason, K.T.**, Harkless, G., Stanley, J., Olson, A., & Graber, M. (2021). The critical need for nursing education to address the diagnostic process. *Nursing Outlook*, 69(3):362-69. doi: 10.1016/j.outlook.2020.12.005. PMID: 33455815

29. Peeler, A., **Gleason, K.T.**, Ferrell, B., Battista, V., Klinedinst, R., Cho, S., & Davidson, P.M. (2021). *Extracorporeal Membrane Oxygenation: Opportunities for expanding nurses' roles*. *AACN Advanced Critical Care*, 32(3): 342-345.
30. Renda, S., Fingerhood, M., Kverno, K., Slater, T., **Gleason, K.T.**, & Goodwin, M. (2021). What motivates our practice colleagues to precept the next generation? *The Journal of Nurse Practitioners*. (Accepted for publication).
31. ***Gleason, K.T.**, Peterson, S., Dennison Himmelfarb, C.R., Villanueva, M., Wynn, T., Bondal, P., Berg, D., Jerde, W., & Newman-Toker, D. (2020). Feasibility of patient-reported diagnostic errors following emergency department discharge: A pilot study. *Diagnosis*, 8(2), 187-92. doi: 10.1515/dx-2020-0014
32. *Miller, H., Charleston, J., Wu, B. **Gleason, K.T.**, White, K. Dennison Himmelfarb, C.R., Ford, D.W., Plante, T.B., Appel, L.J., Miller, E.J., & Juraschek, S.P. (2020). Use of electronic recruitment methods in a clinical trial of adults with gout. *Clinical Trials*, 18(1), 92-103. doi: 10.1177/1740774520956969
33. ***Gleason, K.T.**, Dennison Himmelfarb, C.R., Ford, D.E., Lehmann, H., Samuel, L., Jain, S.K., Naccarelli, G.V., Aggarwal, V., & Nazarian, S. (2019). Association of sex, atrial fibrillation therapies, and patient-reported outcomes. *BMJ Heart*, 105(21), 1642-48. DOI: 10.1136/heartjnl-2019-315288
34. Han, H., **Gleason, K.T.**, Sun, C., Miller, H., Kang, S., Gacad-Cowan, S., Anderson, R., Nagy, P., & Bauer, T. (2019). Using portals to improve patient outcomes: A systematic review. *Journal of Medical Internet Research*, 6(4), e15038. DOI: 10.2196/15038.
35. Cahill, M., **Gleason, K.T.**, Harkless, G., Stanley, J., & Graber, M. (2019) The regulatory implications of engaging registered nurses in diagnoses. *Journal of Nursing Regulation*, 10(2). DOI: 10.1016/S2155-8256(19)30110-3
36. *Plante, T.B., **Gleason, K.T.**, Miller, H.N., Charleston, J., McArthur, K., Dennison Himmelfarb, C., Lazo, M., Ford, D.E., Miller, E.R. III, Appel, L.J., & Juraschek, S.P. for the STURDY Collaborative Research Group. (2019). Recruitment of trial participants through electronic medical record patient portal messaging: A pilot study. *Clinical Trials: Journal of the Society for Clinical Trials*. DOI: 10.1177/1740774519873657
37. *Bower, K.M., Samuel, L., **Gleason, K.**, Thorpe, R.J., & Gaskin, D. (2019). Disentangling race, poverty, and place to understand the racial disparity in waist circumference among women. *Journal of Health Care for the Poor and Underserved*, 21(1):153-170. Doi: 10.1353/hpu.2020.0015
38. ***Gleason, K.T.**, Jones, R., Rhodes, C., Greenberg, P., Harkless, G., Goeschel, C., Cahill, M., & Graber, M. (2019). Evidence that nurses need to participate in diagnosis: Lessons from malpractice claims. *Journal of Patient Safety*. Doi: 10.1097/PTS.000000000000621. [Epub ahead of print].
39. ***Gleason, K.T.**, Greenberg, P., & Dennison Himmelfarb, C.R. (2019). Nurses are key in preventing deadly diagnostic errors in cardiovascular diseases. *Journal of Cardiovascular Nursing*, 34(1):6-8. Doi: 10.1097/JCN.000000000000542
40. *Miller, H.N., **Gleason, K.T.**, Juraschek, S.P., Plante, T.B., Lewis-Land, C., Woods, B., Appel, L.J., Ford, D.E., Dennison-Himmelfarb, C.R. (2019). EMR-based cohort selection and direct-to-patient, targeted recruitment: Early efficacy and lessons learned. *Journal of the American Medical Informatics Association*, 26(11):1209-1217. doi: 10.1093/jamia/ocz168 Doi: 10.1093/jamia/ocz168

41. ***Gleason, K.T.**, Dennison Himmelfarb, C.R., Ford, D.E., Lehmann, L., Samuel, L., Han, H.R., Jain, S., Naccarelli, G., Aggarwal, V., & Nazarian, N. (2019). Association of sex, age, and education level with patient-reported outcomes in atrial fibrillation. *BMC Cardiovascular Disorders*, 19(85). DOI: org/10.1186/s12872-019-1059-6
42. *Rhodes, C.R., Tyler, A., & **Gleason, K.T.** (2019). Malpractice claims naming staff nurses as the primary responsible service. *Johns Hopkins University Law Review*.
43. ***Gleason, K.T.**, VanGraafeiland, B., Commodore-Mensah, Y., Walrath, J., Immelt, S., Ray, E., & Dennison Himmelfarb, C.R. (2019). The impact of an innovative curriculum to introduce patient safety and quality improvement content. *BMC Medical Education*, 19(156). DOI: org/10.1186/s12909-019-1604-0
44. Dai, T., **Gleason, K.T.**, Hwang, C., & Davidson, P. (2021). Heart analytics: Analytical modeling of cardiovascular care. *Naval Research Logistics*, 68, 30-43. Doi: 10.1002/nav.21880
45. ***Gleason, K.T.**, Peterson, S., Kasda, E., Ruzs, D., Adler-Kirkley, A., Wang, Z., & Newman-Toker, D.E. (2018). Capturing diagnostic errors in incident reporting systems: Value of a specific 'DX Tile' for diagnosis-related concerns. *Diagnosis*, 5(4), 249-251. DOI: 10.1515/dx=2018-0049
46. VanGraafeiland, B., Sloand, E., Silbert-Flagg, J., **Gleason, K.**, & Dennison Himmelfarb, C.R. (2018). The use of academic partnerships as an innovative strategy to advance patient safety competence and leadership in pre-licensure nursing students. *Nursing Outlook*, 67(1), 49-53. DOI: 10.1016/j.outlook.2018.08.003
47. ***Gleason, K.T.**, Ford, D.E., Gumas, D., Woods, B., Meyer, M., Murray, P., Dennison Himmelfarb, C.R. (2018). Development and preliminary evaluation of a patient portal messaging for research recruitment service. *Journal of Clinical and Translational Science*, 2(1), 53-56. DOI: 10.1017/cts.2018.10
48. ***Gleason, K.T.**, Gitlin, L. & Szanton, S. (2017). The association of socioeconomic conditions and readiness to learn new ways of performing daily activities in older adults with functional difficulties. *Journal of Applied Gerontology*, 38(6), 849-865. DOI: 10.1177/0733464817721110
49. **Gleason, K.T.**, Davidson, P.M., Tanner, E.K., Baptiste, D., Rushton, C., Day, J., Sawyer, M., Baker, D., Paine, L., Dennison-Himmelfarb, C.R. & David E. Newman-Toker. (2017). The critical role of nurses in diagnostic error prevention: A conceptual framework and a call to action. *Diagnosis*, 4(4), 201-224. DOI: 10.1515/dx-2017-0015
50. **Gleason, K.T.**, Nazarian, S., & Dennison-Himmelfarb, C.R. (2017). Atrial fibrillation symptoms and sex, race, and psychological distress: A literature review. *Journal of Cardiovascular Nursing*, 22(2), 137-143. DOI: 10.1097/JCN.0000000000000421
51. Graber, M., Ruzs, D, Jones, M., Farm-Franks, D., Jones, B., Gluck, J., Thomas, D., **Gleason, K.T.**, Welte, K. Abfalter, J., Dotseth, M., Westerhaus, K., Smathers, J., Adams, G., Laposata, M., Nabatchi, T., Compton, M., & Eichbaum, T. (2017). The new diagnostic team. *Diagnosis*, 4(4). DOI: 10.1515/dx-2017-0022

52. ***Gleason, K.T.**, Tanner, E., Boyd, C., Sacynski, J., & Szanton, S. (2016). Factors associated with patient activation in an older adult population with functional difficulties. *Patient Education and Counseling*, 99(8), 1421-6. DOI: 10.1016/j.pec.2016.03.011
53. **Gleason, K.T.** & Dennison Himmelfarb, C.R. (2016). Big data: Contributions, limitations, and implications for cardiovascular nurses. *Journal of Cardiovascular Nursing*, 32(1), 4-6. DOI: 10.1097/JCN.0000000000000384
54. Cajita, M.I., **Gleason, K.T.**, & Han, R. (2015). The use of mobile health technology in heart failure interventions: A systematic review. *Journal of Cardiovascular Nursing*, 31(3), E10-22. DOI: 10.1097/JCN.0000000000000305

Non-peer Reviewed

1. **Gleason, K.T.**, Davidson, P.M., Dennison-Himmelfarb, C.R., Sawyer, M., Newman-Toker, D.E. (2016). Don't forget the rest of the team – nurses and allied health professionals are needed to tackle diagnostic errors. *Annals of Internal Medicine*, 2016 Oct 18;165(8):HO2-HO4 (web-only comment <http://annals.org.ezp.welch.jhmi.edu/aim/article/2569422/annals-hospitalists-inpatient-notes-reducing-diagnostic-error-new-horizon-opportunities>).
2. **Gleason, K.T.** & McDonald, K. (2020). In response to Ledford and colleagues *toward a model of shared meaningful diagnosis*: How to capture a shared, meaningful diagnosis. *Patient Education and Counseling*. Doi: 10.1016/j.pec.2020.08.030
3. **Gleason, K.T.** & Han, H. (2020). Patient feedback on research studies: How to interpret feedback from the "Aware" patient? *The Patient: Patient-Centered Outcomes Research* 14(1):147-148. doi: 10.1007/s40271-020-00469-w. PMCID: PMC7796906

Reports

1. Schlesinger, M., Grob, R., **Gleason, K.T.**, Yuan, C., Haskell, H., Giardina, T., & McDonald, K. Patient Experience as a Source for Understanding the Origins, Impact, and Remediation of Diagnostic Errors. Content last reviewed July 2023. Agency for Healthcare Research and Quality, Rockville, MD. <https://www.ahrq.gov/patient-safety/reports/issue-briefs/dxsafety-patients-source-understanding-dx-error-vol1.html>
2. Ford, E., Kim, J., Kharrazi, H., **Gleason, K.**, Gumas, D., & DeCamp, L. A guide to using data from Epic, Mychart, and Cogito for behavioral, social and systems science research. Johns Hopkins School of Medicine ICTR National Center for Advancing Translational Sciences (NCATS). Apr 2018. UL1 TR001079 URL: https://ictr.johnshopkins.edu/wpcontent/uploads/Phase1.Epic_Social.Guide_2018.04.30_final.pdf

Conference Meetings / Presentations

International

- 2023 **Gleason, K.T.** A Patient-Reported Measure of Diagnostic Excellence for Emergency Care: Development and Psychometric Testing. Society to Improve Diagnosis in Medicine International Conference. Cleveland, OH. [Podium presentation in "Best of the Best"].
- 2023 **Gleason, K.T.** A Patient-Reported Measure of Diagnostic Excellence for Use in Emergency Department Settings. Diagnostic Communication Workshop. Bern, Switzerland. [Oral

Presentation, invited presenter].

- 2022 **Gleason, K.T.** A Community-Based Program to Increase Digital Equity. American Heart Association Scientific Sessions, Chicago, IL. [Podium Presentation].
- 2022 Dukhanin, V., McDonald, K., & **Gleason, K.T.** Patient and care partner's perceptions of diagnostic accuracy and excellence from a national sample. Society to Improve Diagnosis in Medicine International Conference. Minneapolis, MN. [Podium presentation].
- 2021 **Gleason, K.T.** & Dahm, M. How does a Patient-Reported Diagnosis Compare to the Clinically Documented Diagnosis? Society to Improve Diagnosis in Medicine Annual International Conference, virtual. [Poster].
- 2021 Nzadiko, T., & **Gleason, K.T.** Addressing the Digital Divide to Improve Patient-Centered Outcomes Research (ADD2PCOR). Sigma Theta Tau International Nursing Research Congress. [Podium Presentation, mentee].
- 2021 Berdahl, C., **Gleason, K.T.**, & McDonald, K.M. Patient-Reported Measures of Diagnostic Excellence. Society to Improve Diagnosis in Medicine Annual International Conference, virtual. [90-minute workshop].
- 2020 McDonald, K., **Gleason, K.T.**, & Peterson, S.P. Breaking Down Silos: Co-Creating Diagnostic Excellence Research in Partnership with Patients. Society to Improve Diagnosis in Medicine Annual International Conference, virtual. [90-minute workshop].
- 2020 Bondal, P., Villanueva, M., & **Gleason, K.T.** Self-advocacy In the Diagnostic Process Among Emergency Department Patients: A Qualitative Study. AHA Quality of Care and Outcomes Research Scientific Sessions, Reston, VA. [Poster, mentee].
- 2019 **Gleason, K.T.**, Henry, K., Abshire, M., & Dennison Himmelfarb, C.R. Examining Racial Inequities in Hypertension Diagnosis: Non-whites More Likely to Have Undiagnosed Hypertension. American Heart Association Scientific Sessions, Philadelphia, PA. [Oral].
- 2019 **Gleason, K.T.**, & Peterson, S. Team-Based Research: Engaging and Training Nurses and Patients to Co-Create Diagnostic Research. Diagnostic Error in Medicine International Conference, Washington, DC. [Oral, workshop].
- 2019 Miller, H., **Gleason, K.T.**, Lewis-Land, C., Juraschek, S., Appel, L., Ford, D., & Dennison Himmelfarb, C.R. Patient Portal Messaging for Research Participant Recruitment: a Valuable Tool in the Recruitment Toolbox. Sigma Theta Tau 29th International Nursing Research Congress, Calgary, Canada. [Oral].
- 2018 **Gleason, K.T.**, Dennison Himmelfarb, C.R., Han, H.R. Samuel, L., N. Perrin, Lehmann, H., & Nazarian, S. The Association of Therapies and Individual Characteristics with Patient-Reported Outcomes Among Individuals with Atrial Fibrillation. American Heart Association Scientific Sessions, Chicago, Illinois [Oral, Martha N. Hill New Investigator Award].
- 2017 **Gleason, K.T.**, Rea, L. Nurses' Role in Diagnosis. Diagnostic Error in Medicine 10th International Conference, Boston, Massachusetts. [Invited Workshop Lead].

- 2017 **Gleason, K.T.**, Peterson, S., Kasda, E., & Newman-Toker, D.E. Capturing Diagnostic Errors in Incident Reporting Systems. Diagnostic Error in Medicine 10th International Conference, Boston, Massachusetts. [Oral].
- 2017 **Gleason, K.T.**, Newman-Toker, D.E., & Dennison-Himmelfarb, C.R. Engaging Nurses in the Diagnostic Process. Sigma Theta Tau 28th International Nursing Research Congress, Dublin, Ireland. [Poster].
- 2017 **Gleason, K.T.**, Newman-Toker, D.E., & Baptiste, D. Engaging Nurses to Improve Stroke Diagnosis: A Process Mapping Study. International Network for Doctoral Education in Nursing Biennial Conference, Dublin, Ireland. [Oral].
- 2016 **Gleason, K.T.**, Commodore-Mensah, Y., VanGraafeiland, B., Walrath, J.M., Velez, R., & Dennison Himmelfarb, C.R. Impact of the Fuld Fellowship Program on Patient Safety Competence and Systems Thinking. Sigma Theta Tau 27th International Nursing Research Congress, Cape Town, South Africa. [Oral].
- 2015 **Gleason, K.T.**, Dennison Himmelfarb, C.R., Kearns, R., Pronovost, P., Wu, A., & Aboumatar, H. Building Capacity for Patient Safety Using a Massive Open Online Course, The Science of Safety in Healthcare. Sigma Theta Tau 26th International Nursing Research Congress, San Juan, Puerto Rico. [Oral].

National

- 2023 **Gleason, K.T.** Care Partners of Persons with Dementia Use of Shared Access to the Patient Portal. Gerontological Society of America Annual Meeting. Tampa, FL. [Oral Presentation].
- 2023 Dukhanin, V. & **Gleason, K.T.** Patient-Perceived Accuracy of Diagnosis Given in an Emergency Setting. AcademyHealth Research and Methods (ARM) 2023. Seattle, WA. [Poster].
- 2021 **Gleason, K.T.**, Dennison Himmelfarb, C.R., Peterson, S., & Newman-Toker, D. Patient Reports of New Diagnosis Compared to Electronic Medical Record Documentation following Emergency Department Visit. Translational Science 2021. Virtual. [Poster].
- 2020 **Gleason, K.T.**, Dennison Himmelfarb, C.R., Peterson, S., Wynn, T., Villanueva, M., Bondal, P., & Newman-Toker, D. Learning from Patient Experience to Improve Diagnosis: a Pilot Study. Translational Science 2020, Washington, DC. [Oral].
Canceled due to global COVID-19 pandemic.
- 2018 **Gleason, K.T.**, Newman-Toker, D.N., & Lehmann, H. Agreement between Patient-Reported Data and Data Documented in the Electronic Medical Record. Diagnostic Error in Medicine Conference 2019. New Orleans, LA. [Poster].
- 2018 **Gleason, K.T.** & Jones, R. Increasing Teamwork in Diagnosis. 2019 Institute of Healthcare Improvement/National Patient Safety Forum Annual Patient Safety Congress, Boston, Massachusetts. [Invited as Workshop Faculty].
- 2018 **Gleason, K.T.**, Dennison Himmelfarb, C.R., Han, H.R. Samuel, L., Lehmann, H., &

Nazarian, S. The Association of Individual Characteristics with Patient-Reported Outcomes Among Individuals with Atrial Fibrillation. Preventive Cardiovascular Nurses Association 2018, Baltimore, Maryland. [Winning Oral Abstract Presentation].

- 2017 **Gleason, K.T.**, Dennison Himmelfarb, C.R., Samuel, L., Lehmann, H., McEcoy, W., & Nazarian, S. Sex Differences Exist in the Prescription of Anticoagulation Therapy. American Heart Association Scientific Sessions, Anaheim, California. [Poster].
- 2017 **Gleason, K.T.**, Ford, D.E., Gumas, D., Meyer, M., Appel, L., Dennison Himmelfarb, C.R. Development and Preliminary Evaluation of a Patient Portal Messaging for Research Recruitment Service. American Medical Informatics Association (AMIA) WISH Workshop, Washington, DC. [Poster].
- 2017 **Gleason, K.T.** & Dennison Himmelfarb, C.R. Are Atrial Fibrillation Patient-Reported Outcomes Associated with Person and Environment Characteristics? Translational Science, Washington, DC. [Poster].
- 2015 **Gleason, K.T.**, Koeuth, S., Gitlin, L., & Hodgson, N. Changing Practices in Dementia Care: From Local to Global through MOOCs. Gerontological Society of America Annual Scientific Meeting, Orlando, Florida. [Oral].

Local

- 2024 **Gleason, K.T.** Implementation Learnings from Developing a Patient-Reported Measure of Diagnostic Excellence. The Diagnostic Excellence Summit, Baltimore, MD. [Oral].
- 2019 Rhodes, C. & **Gleason, K.T.** Nurses' Responsibility in Diagnosis: A Malpractice Claims Analysis. Johns Hopkins' Armstrong Institute Summit for Diagnostic Excellence, Baltimore, MD. [Oral].
- 2017 **Gleason, K.T.**, Newman-Toker, D.E., & Dennison-Himmelfarb, C.R. Nurses in the Diagnostic Process: A Conceptual Framework. Johns Hopkins' Armstrong Institute Summit for Diagnostic Excellence, Baltimore, MD. [Poster].
- 2016 **Gleason, K.T.**, Commodore-Mensah, Y., VanGraafeiland, B., Walrath, J.M., Velez, R., & Dennison Himmelfarb, C.R. An Innovative Curriculum, the Fuld Fellows Leadership Program, Builds Capacity for Nurse Leadership in Patient Safety and Quality Improvement. Johns Hopkins Institute for Excellence in Education Conference and Celebration, Baltimore, MD. [Oral].
- 2016 **Gleason, K.T.**, Commodore-Mensah, Y., Kearns, R., Pronovost, P., Wu, A., & Aboumatar, H. & Dennison Himmelfarb, C.R. Massive Open Online Course on Patient Safety. Johns Hopkins Institute for Excellence in Education Conference and Celebration, Baltimore, MD. [Poster].

Podcasts

1. *Artificial Intelligence in Nursing*. Invited guest. Johns Hopkins School of Nursing. Interviewed by S. Logan about Big Data and artificial intelligence's impact on nursing care.

Interviews/Media Contributions

1. Carr, S. (2021, March). Quoted in *Supporting Nurses as Essential Partners in Diagnosis* (<https://www.improvediagnosis.org/publications/improvedx-march-2021/>). ImproveDx Newsletter.
2. Kusterbeck, S. (2021, February). Quoted in *ED Nurses also Face Liability for Misdiagnosis*. ED Legal Letter.

EDITORIAL ACTIVITIES

Associate Editor

2020-Present *Quality Management in Healthcare*

Editorial Board Memberships

2019-Present *Patient Safety*

Manuscript Review Panel Member

2018-Present Reviewer, European Journal of Cardiovascular Nursing

2018-Present Reviewer, BMC Cardiovascular Disorders

2018-Present Reviewer, BMJ Open Quality

2017-Present Reviewer, Journal of Nursing Management

2015-Present Reviewer, Journal of Patient Education and Counseling

Grant Review Activities

2019-present DELTA Grant Review Committee, Johns Hopkins University

2019-present Sigma Theta Tau Nu Beta Chapter-At-Large Research Award reviewer

2020 Dorothy Evans Lyne (DEL) Fund award reviewer, Johns Hopkins School of Nursing

2024 National Science Foundation grant reviewer, National Institutes of Health

Professional Abstract Reviewer

2019-present Society to Improve Diagnosis in Medicine Annual International Conference

2019 American Medical Informatics Association (AMIA) Annual International Conference

Award Review Activities

2020-present American Heart Association Martha Hill New Investigator Award Selection Committee Member

2020-present Delta Grant Award Selection Reviewer, Johns Hopkins

PROFESSIONAL ACTIVITIES

Society/Association Memberships and Leaderships

- 2024-2026 Mentorship Committee Member, Council on Cardiovascular and Stroke Nursing, American Heart Association
- 2017-2021 Lead, Nurses in Diagnosis Community of Practice, Society to Improve Diagnostic Medicine
- 2019-2022 Chair, Research Committee, Sigma Theta Tau Nu Beta Chapter-At-Large
- 2017-2022 Planning Committee Member, Diagnostic Error in Medicine Annual International Conference
- 2015-2019 Member, Preventive Cardiovascular Nurses Association
- 2015-2022 Member, American Heart Association, Council on Cardiovascular and Stroke Nursing
- 2018-2021 Expert Panel Member, AHRQ Surveys on Patient Safety Culture™ (SOPS®) Diagnostic Safety Technical Expert Panel (TEP).
- 2016 Invited guest, Electronic Data Methods Forum Workshop: Enabling Comparison of Nurse-Sensitive Outcomes from Electronic Health Data
- 2015-2016 Officer of Governmental Affairs, Sigma Theta Tau, Nu Beta Chapter

OTHER

Consultation

- 2024 Defining Diagnostic Excellence for Emergency Medicine and Establishing Research Priorities. Cedars Sinai project sponsored by Emergency Medicine Foundation, Technical Expert Panelist.
- 2024 Engaging Specialty Societies in Supporting Diagnostic Performance Feedback at Scale in Routine Clinical Practice, Council of Medical Specialty Societies and University of California San Francisco, Advisory board member
- 2023 Diagnostic Communication Workgroup. Invited attendee and presenter. Bern, Switzerland.
- 2021-present The Leapfrog Group. Diagnostic Excellence Advisory Group, member.
- 2019-2022 Isbell, I. University of Massachusetts, Amherst, Department of Psychological and Brain Sciences, Nursing Consultant on *Emotional Influences on Diagnostic Error in Emergency Medicine: An Experimental Approach to Understand Diagnostic Failure and Facilitate Improvement for Patients with and without Mental Illness* (AHRQ,

R01HS025752

CURRICULUM VITAE

Part II

EDUCATIONAL ACTIVITIES

Classroom Instruction

Johns Hopkins University School of Nursing

Summer 2024 NR.210.817 Analysis and Evaluation of Individual and Population Health Data

Spring 2023 NR.210.805 Translating Evidence into Practice, Course Coordinator

Spring 2022 NR.210.805 Translating Evidence into Practice, Course Coordinator

Summer 2021 NR.210.817 Analysis and Evaluation of Individual and Population Health Data

Spring 2021 NR.210.805 Translating Evidence into Practice

Summer 2020 NR.210.822 Health Information Systems and Patient Care Technologies

Fall 2019 NR.210.822 Health Information Systems and Patient Care Technologies

Summer 2019 NR.210.822 Health Information Systems and Patient Care Technologies

Spring 2019 NR.210.822 Health Information Systems and Patient Care Technologies

Spring 2019 NR.210.805 Translating Evidence into Practice

Fall 2018 NR.210.822 Health Information Systems and Patient Care Technologies

Fall 2018 NR. 210.609 Philosophical, Theoretical, and Ethical Basis of Advanced Nursing Practice

Summer 2018 NR.210.822 Health Information Systems and Patient Care Technologies

Fall 2017 NR.120.535 Quality Improvement & Safety: Systems Applications II, Teaching Assistant

Summer 2017 NR.120.534 Quality Improvement & Safety: Systems Applications I, Teaching Assistant

Spring 2017 NR.120.536 Quality Improvement & Safety: Systems Applications III, Teaching Assistant

Fall 2016 NR.120.535 Quality Improvement & Safety: Systems Applications II, Teaching Assistant

Spring 2016 NR.120.509 Promoting Health in Older Adults, Teaching Assistant

- Fall 2015 NR.110.305 Nursing Care of Older Adults Across the Continuum, Teaching Assistant
- Summer 2015 NR.120.534 Quality Improvement & Safety: Systems Applications I, Teaching Assistant
- Winter 2015 Massive Open Online Course on Dementia, Teaching Assistant

Course Development

- Fall 2021 NR.210.822 Health Information Systems and Patient Care Technologies
- Fall 2020 Addressing the Digital Divide to improve Patient-Centered Outcomes Research (ADD2PCOR) course to train community partners in using digital technology
- Fall 2018-19 Patient Assigned to Research Teams with Nurses and ER providers (PARTNERED) curriculum to train nurses and patients in diagnostic research
- Fall 2018 NR.210.805 Translating Evidence into Practice

Invited Lectures

- Fall 2023 "The Fundamentals for Clinical Data Analytics." Invited lecturer, Johns Hopkins Hospital Center for Nursing Inquiry.
- Summer 2021 "The Role of the Nurse in the Diagnostic Process" Invited lecturer, The CHART Institute
- Spring 2021 "Measurement in Nursing Research" Invited lecturer, Johns Hopkins School of Nursing Research Honors Seminar
- Spring 2021 "Engaging Patients and Nurses in Quality Improvement" Invited lecturer, Yale School of Medicine, Quality Improvement and Patient Safety Course
- Spring 2021 "Sustainable Methods to Provide Technology Resources and Training to Community Members" Invited lecturer, Bloomberg School of Public Health, Population Health Course
- Fall 2020 "Big Data in Cardiovascular Health Research" Invited lecturer, Johns Hopkins School of Nursing T32 Interprofessional Cardiovascular Health Seminar
- Fall 2019 "Using Secondary Data in Cardiovascular Health Research" Invited lecturer, Johns Hopkins School of Nursing T32 Interprofessional Cardiovascular Health Seminar
- Summer 2019 "Measurement in Nursing Research" Invited lecturer, Johns Hopkins School of Nursing Research Honors Seminar
- Fall 2018 "The Accuracy of Electronic Medical Record Data," Grand Rounds Invited Presenter, Johns Hopkins School of Medicine Division of Health Science Informatics

Fall 2018 "Transition to Faculty," Invited Panelist, Johns Hopkins School of Nursing
Dissertation Seminar

COMMITTEE SERVICE TO UNIVERSITY

2023-present University-wide Research Use of Epic Policy Workgroup, workgroup member

2023-present University-wide Aggressively De-Identified Electronic Health Record Datasets Workgroup, workgroup member

2023-present School of Nursing Doctoral of Nursing Practice Curriculum Committee, member

2019-2021 School of Nursing Doctoral of Nursing Practice Admissions committee, member

2019 School of Nursing Grievance committee, member

2018 Augmenting Clinical Intelligence with Machine Intelligence, Johns Hopkins School of Nursing and Whiting School of Engineering Collaboration, Committee Chair

2017-18 Johns Hopkins Summit for Diagnostic Excellence, Planning Committee Co-Chair

2017-18 Johns Hopkins Digital Research Day, Planning Committee Member

2015-2016 School of Nursing Doctoral Students Organization, Social Chair

MENTORING AND ADVISEMENT

Mentoring

2022- Serve as PhD co-advisor to M. Gamper, ongoing.

2023 Served as PhD co-advisor to Dr. S. Slone who successfully completed her dissertation in 2023

2022 Served as PhD co-advisor to Dr. A. Peeler who successfully completed her dissertation in 2022

2020-2022 Fuld Research Fellow for the Advancement of Patient Safety and Quality Program, ABSN student. Project: Community engagement program that provided technological resources to community members

2017-2018 Research Honors Program, ABSN Student. Project: Conduction of an Electronic Medical Record Data Study

2019 Fuld Research Fellow for the Advancement of Patient Safety and Quality Program, ABSN student. Project: Understanding patient's experience with diagnosis in the emergency department.

2018 Research Residency, Doctoral Student. Project: Analyzing big datasets (malpractice claims) using Stata to understand the nature of malpractice claims naming nurses.

Dissertation Committee Member

Slone, S. Atherosclerosis Risk in Communities Community Surveillance: Sociodemographic and Temporal Differences in Invasive Coronary Angiography Use According to Risk Profile Among Patients with NSTEMI. June 13, 2023. Committee member for Dissertation Committee.

Peeler, A. The Effect of Palliative Care in Patients on Extracorporeal Membrane Oxygenation. May 26, 2022. Committee member for Dissertation Committee.

Sun, C. Patient Engagement in Diabetes Care. October 18, 2022. Alternate committee member.

Ojo, R. Organizational Risk Tolerance: Characterizing the impact of system-level factors on diagnostic uncertainty and decision-making. September 9, 2022. Alternate Committee Member. (JHSPH)