

Aleksandra Wec

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EDUCATION

Ph.D. in Health Policy and Management <i>Concentration:</i> Health Services Research and Policy Johns Hopkins Bloomberg School of Public Health, Baltimore, MD	2021-2025 (expected)
B.A. , Double major in Sociology and Linguistics, Summa Cum Laude School of Arts and Sciences Honors Program Rutgers University, New Brunswick, NJ	2013-2017

RESEARCH EXPERIENCE

Graduate Research Assistant , Department of Health Policy and Management Johns Hopkins Bloomberg School of Public Health, Baltimore, MD	
<i>Ongoing Project:</i> Consumer Health Information Technology to Engage and Support Alzheimer's Disease and Related Dementia (ADRD) Caregivers (PI: Jennfier Wolff, PhD) Program of health services research on technology-based dementia assessment, care, and management drawing on electronic health record and patient portal data of ~50,000 older adult patients in the Johns Hopkins Health System	2022 – Present
<i>Completed Projects:</i> Engaging and Integrating Direct Care Workers in Care Delivery for Persons Living with Dementia in the Community (PI: Chanee Fabius, PhD) Qualitative project examining information sharing between direct care workers, family caregivers, and clinicians involved in the care of older adults with disabilities	2022
Facilitators of Clinical-Community Collaborations: Identifying Opportunities to Improve Complex Care Management in Health Centers (PI: Lois Dankwa-Branche, PhD) Evaluation of partnerships between federally qualified health centers and community-based organizations	2023
Ethical Use of Wearables in the Fire Service (PI: Rachel Topazian, PhD) Interviews and focus groups with firefighters and fire service leadership to explore acceptance of wearable monitoring devices in the fire service	2024
Graduate Research Assistant , Division of Geriatric Medicine and Gerontology Johns Hopkins School of Medicine, Baltimore, MD	2022-2024
<i>Completed Project:</i> eAlign: A Patient Portal-based Intervention to Align Medications with What Matters Most (PI: Ariel Green, MD, PhD, MPH) Development and assessment of pharmacist-led, primary care-based deprescribing intervention to reduce inappropriate polypharmacy for patients with dementia	
Survey Associate , Mathematica, Health Policy Assessment, Princeton NJ	2017-2020
Survey Analyst , Mathematica, Health Policy Assessment, Princeton NJ Led and supported program evaluations and survey data collection efforts and provided technical assistance for federal clients and private foundations	2020-2021
Research Assistant , Rutgers Institute for Health, Health Care Policy and Aging Research. New Brunswick, NJ	2016-2017
Research Assistant , Rutgers University, Dept. of American Studies. New Brunswick, NJ	2015-2016

FUNDING

- Judith Dellinger Kasper Dissertation Award (PI: Aleksandra Wec) 2025
- Pearl and Jeremiah German Scholarship in Gerontology (PI: Aleksandra Wec) 2024
- National Institute on Aging, Consumer Health Information Technology to Engage and Support Alzheimer's Disease and Related Dementia (ADRD) Caregivers: R35AG072310 (PI: Jennifer Wolff, PhD) 2022-2025
- National Institute on Aging, eAlign: A Patient Portal-based Intervention to Align Medications with What Matters Most: R01AG077011 (PI: Ariel Green, MD, PhD, MPH) 2022-2024
- National Institute on Aging, Engaging and Integrating Direct Care Workers in Care Delivery for Persons Living with Dementia in the Community: U54AG063546 (PI: Chanee Fabius, PhD) 2022
- National Institute on Aging Health Services Outcomes & Research for Aging Populations Training Grant: T32AG066576 (PIs: Jennifer Wolff, PhD, Cynthia Boyd, MD) 2021-2024

PUBLICATIONS

1. **Wec, A.**, Gleason, K. T., Peereboom, D., Gamper, M. J., Rathakrishnan, S., & Wolff, J. L. (2025). Measurement, drivers, and outcomes of patient-initiated secure messaging use and intensity: a scoping review. *JAMIA Open*, 8(4). <https://doi.org/10.1093/jamiaopen/ooaf087>
2. **Wec, A.**, Rosenthal, M., & Crystal, S. (Accepted). Strategic checklist for nursing home dementia care: A prototype for addressing residents' needs with non-pharmacological solutions. *Journal of the American Medical Directors Association*.
3. Topazian, R. J., **Wec, A.**, Ali, J., Frattaroli, S., Locke, P., Taylor, J. A., & Crifasi, C. K. (2025). Ethical use of wearable device data in occupational settings: perspectives from the fire service. *Journal of occupational and environmental medicine*, 10-1097
4. Topazian, R. J., **Wec, A.**, Ali, J., Frattaroli, S., Locke, P., Taylor, J. A., & Crifasi, C. K. (2025). The value of occupational health and safety data: Perceptions of current data practices in the fire service. *Journal of Safety Research*, 94, 120-127.
5. Dankwa, L., Hearne, S., Markell, J., **Wec, A.**, & Marsteller, J. A. Facilitators of clinical-community collaboration: Identifying opportunities to improve complex care management in health centers. (Under Review).
6. Green, A. R., Boyd, C. M., Bayliss, E. A., Quiles, R., Daddato, A. E., Gleason, K., Taylor-McPhail, T., **Wec, A.**, Nothelle, S. K., & Boxer, R. S. (Accepted). Deprescribing for people with dementia: A roadmap. *Drugs and Aging*.
7. Green, A. R., Rosado, R. Q., Daddato, A. E., **Wec, A.**, Gleason, K., McPhail, T. T., ... & Boxer, R. S. (2025). Aligning Medications with What Matters Most: Conversations Between Pharmacists, People with Dementia, and Care Partners. *Journal of the American Geriatrics Society*. <https://doi.org/10.1111/jgs.19379>
8. Green, A. R., Martin, D., Jessen, A., Wu, M. M. J., Daddato, A. E., Rosado, R. Q., Gleason, K. T., **Wec, A.**, Wolff, J. L., Taylor, C. O., & Bayliss, E. A. (2025). Characterizing patient portal use of people with cognitive impairment and potentially inappropriate medications. *Journal of the American Geriatrics Society*. <https://doi.org/10.1111/jgs.19284>
9. Green, A. R., **Wec, A.**, Gleason, K. T., Gamper, M. J., Wu, M. M., & Wolff, J. L. (2024). Use of the patient portal to discuss medications among people with dementia and their care partners. *Journal of General Internal Medicine*. <https://doi.org/10.1007/s11606-024-09064-3>
10. Gamper, M. J., Singer Cohen, R., Esperanza Razaz, M., Parrillo, E., Thornton, C. P., **Wec, A.**, ... & Gleason, K. T. (2024). Electronic Communication Between Children's Caregivers and Health Care Teams: Scoping Review on Parental Caregiver's Perceptions and Experience. *JMIR Pediatrics and Parenting*, 7. doi:10.2196/60352
11. Wolff, J. L., **Wec, A.**, Peereboom, D., ... Lum, H.D. (2024). Care partners and consumer health information technology: A framework to guide systems-level initiatives in support of digital health equity. *Learning Health Systems*, e10408. <https://doi.org/10.1002/lrh2.10408>

12. Lum, H. D., Cassidy, J., Lin, C. T., DesRoches, C. M., Shanbhag, P., Gleason, K. T., Powell, D. S., Peereboom, D., Riffin, C. A., Smith, J. M., **Wec, A.**, & Wolff, J. L. (2024). Embedding Authorship Identity into a Portal-Based Agenda Setting Intervention to Support Older Adults and Care Partners. *Journal of General Internal Medicine*. <https://doi.org/10.1007/s11606-024-09056-3>
13. Gleason, K. T., Wu, M. M. J., **Wec, A.**, Powell, D. S., Zhang, T., Gamper, M. J., 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*. Advance online publication. <https://doi.org/10.1002/alz.13354>
14. Gleason, K. T., Wu, M. M. J., **Wec, A.**, Powell, D. S., Zhang, T., & Wolff, J. L. (2023). Patient portal use among older adults with dementia diagnosis. *JAMA Internal Medicine*, 183(8), 881-883. <https://doi.org/10.1001/jamainternmed.2023.1568>
15. 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*, 6(3), ooad077. <https://doi.org/10.1093/jamiaopen/ooad077>
16. Fabius, C. D., **Wec, A.**, Saylor, M. A., Smith, J. M., Gallo, J. J., & Wolff, J. L. (2023). "Caregiving is teamwork..." Information sharing in home care for older adults with disabilities living in the community. *Geriatric Nursing*, 54, 171-177. <https://doi.org/10.1016/j.gerinurse.2023.09.001>
17. Gleason, K. T., Peereboom, D., **Wec, A.**, & Wolff, J. L. (2022). Patient portals to support care partner engagement in adolescent and adult populations: A scoping review. *JAMA Network Open*, 5(12), e2248696. <https://doi.org/10.1001/jamanetworkopen.2022.48696>
18. Rosenthal, M., Poling, J., **Wec, A.**, Connolly, E., Angell, B., & Crystal, S. (2020). "Medication is just one piece of the whole puzzle": How nursing homes change their use of antipsychotic medications. *Journal of Applied Gerontology*, 41(1), 62-72. <https://doi.org/10.1177/0733464820958919>
19. Horton, D. B., Salas, J., **Wec, A.**, Kohlheim, M., Kapadia, P., Beukelman, T., Boneparth, A., Haverkamp, K., Mannion, M. L., Moorthy, L. N., Ringold, S., & Rosenthal, M. (2019). Making decisions about stopping medicines for well-controlled juvenile idiopathic arthritis: A mixed-methods study of patients and caregivers. *Arthritis Care & Research*, 73(3), 374-385. <https://doi.org/10.1002/acr.24129>

ORAL PRESENTATIONS

- **Wec, A.**, Nothelle, S., Gleason, K. T., Wolff, J. L., and Amjad, H. Patient Portal Messaging in the Context of Dementia: A First Look. November 2023. Gerontological Society of America (GSA) Annual Scientific Meeting, Tampa, Florida.

POSTER PRESENTATIONS

- **Wec, A.**, Wu, M. J., Scerpella, D., Zhang, Z., Peereboom, D., Colburn, J. L., Wolff, J. L., & Powell, D. S. Follow-up for subjective memory concerns expressed during the Medicare Annual Wellness Visit. May 2025. Research on Aging Showcase. Johns Hopkins Bloomberg School of Public Health. Baltimore, Maryland.
- **Wec, A.**, Reiff, J.S., & Wolff, J. L. Profiling High-Volume Message Senders Among Older Adult Patient Portal Users. May 2025. Research on Aging Showcase. Johns Hopkins Bloomberg School of Public Health. Baltimore, Maryland.
- **Wec, A.**, Wu, M. J., Scerpella, D., Zhang, Z., Peereboom, D., Colburn, J. L., Wolff, J. L., & Powell, D. S. Follow-up for subjective memory concerns expressed during the Medicare Annual Wellness Visit. May 2025. Annual Scientific Meeting of the American Geriatrics Society. Presidential Poster Session. Chicago, Illinois.
- **Wec, A.**, Kelly, E., Nothelle, S., Gleason, K.T., Wolff, J.L., Halima, A. Patient Portal Messaging after Dementia Diagnosis: A Content Analysis. June 2024. AcademyHealth Annual Research Meeting. Baltimore Maryland.
- **Wec, A.**, Wolff, J. L., Gleason, K. T., Wu, M. J., Powell, D. S., Smith, J. M., Peereboom, D., Burgdorf, J. G., Amjad, H., Green, A. R., Nothelle, S. K., Fabius, C. D., DesRoches, C. M., Lin, C.-T., Riffin, C. A., and Lum, H. D. Patient Portal Use among Older Adults in an Academic Health System. October 2023. Johns Hopkins inHealth Precision Medicine Symposium. Baltimore, Maryland.

TEACHING EXPERIENCE

Guest Lecturer , Johns Hopkins Bloomberg School of Public Health	
Health Issues for Aging Populations	2024
Foundation in Health Policy I	2024
Teaching Assistant , Johns Hopkins Bloomberg School of Public Health	
Fundamentals in Health Policy and Management	2025
Health Issues for Aging Populations	2023,2024
Foundations in Health Policy I	2023,2024
Foundations in Health Policy II	2023,2024
Foundations in Health Policy III	2023,2024
Managed Care and Health Insurance	2023
Introduction to the US Healthcare System	2022,2023
Seminar in Health Disparities	2022,2023
Seminar Peer-Instructor , Rutgers University Office of Undergraduate Academic Affairs	
First-year Interest Group Seminar: Sociology Interest Group	2016

SERVICE

Doctoral Student Representative , Academic Policy and Admission Committee,	2022-2024
Department of Health Policy and Management	
Johns Hopkins Bloomberg School of Public Health	
Co-Chair , Student Coordinating Committee, Department of Health Policy and Management,	2022-2023
Johns Hopkins Bloomberg School of Public Health	
Co-Lead , Survey Methods Community of Practice	2020-2021
Mathematica Policy Research	

PEER REVIEWING

Abstract Reviewer	
Gerontological Society of America 2024 Annual Scientific Meeting	2024
Gerontological Society of America 2025 Annual Scientific Meeting	2025
Academy Health 2025 Annual Research Meeting	2025
2025 Annual Scientific Meeting of the American Geriatrics Society	2025
Reviewer	
<i>Journal of Medical Internet Research</i>	2025
<i>Alzheimer's & Dementia</i>	2025
<i>Alzheimer's Research & Therapy</i>	2025

HONORS AND AWARDS

Judith Dellinger Kasper Dissertation Award, John Hopkins University	2025
Pearl and Jeremiah German Scholarship in Gerontology, John Hopkins University	2024
Burns "Bud" Roper Fellow Award, American Association of Public Opinion Research	2020
Henry Rutgers Scholar Award, Rutgers University	2017
Matthew Leydt Society, Rutgers University	2017
Department of Sociology Robert Gutman Award, Rutgers University	2017
School of Arts and Sciences Honors Program,	2013-2017
Rutgers University School of Arts and Sciences Dean's List	2013-2017
Rutgers University Honorable Mention, Aresty Undergraduate Research Symposium	2016
Phi Beta Kappa, Academic Honorary Society	2016

SOFTWARE EXPERIENCE

Microsoft Office Suite, Stata, SPSS, Atlas.ti, NVivo, Dedoose, MAXQDA, REDCap, Covidence, Canva