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RESEARCH AREAS

Aging driving needs; Advanced driver assistance technologies; Caregiving technology solutions; Dementia caregiving; Driving cessation; Human factors; Intervention development and evaluation; Mobility and life space; Teen driving; Distracted driving; Mindfulness; Qualitative and mixed methods; Social and behavioral epidemiology; Social determinants of health; Speeding

EDUCATION

PhD	University of Minnesota, Minneapolis, MN Epidemiology Mentor: Mark A. Pereira, PhD, MPH Dissertation: “The Decision to Speed in the United States – A Mixed Methods Study”	2020
MS	Brown University, Providence, RI Behavioral and Social Sciences Intervention Mentor: Brian Borsari, PhD	2013
BA	University of Chicago, Chicago, IL Psychology with Honors Mentors: Asia A. Eaton PhD & Penny S. Visser, PhD	2007

PROFESSIONAL EMPLOYMENT

2021-	Assistant Research Scientist University of Michigan, Ann Arbor, MI, USA Center for the Management of Information for Safe and Sustainable Transportation University of Michigan Transportation Research Institute, College of Engineering	
2020-2021	Postdoctoral Research Associate University of Minnesota, Minneapolis, MN, USA Families and Long-Term Care Projects, Center on Healthy Aging and Innovation Division of Health and Policy Management, School of Public Health Mentors: Joseph E. Gaugler, PhD & Toben F. Nelson, ScD	

RESEARCH GRANTS (ACTIVE AWARDS)

Principal Investigator, *2023 Michigan Traffic Crash Facts* (30th year of award to CMISST). 9/18/2023-9/30/2024.

Co-Investigator: Carol A. C. Flannagan

Michigan State Police (Office of Highway Safety Planning Award TR-02-01; Total: \$650,229.83)

Co-Investigator, *Comparative Analysis of National Databases for Motor Vehicle Injuries and Potential Linkage*. 9/29/2023-9/28/2025.

Principal Investigator: Carol A. C. Flannagan

National Highway Traffic Administration (Award: Experimental and Mathematical Biomechanics Injury Research IDIQ Solicitation #693JJ923R000149; Total: \$537,967.82)

Principal Investigator, *Eyes Forward, Mind Focused: A Survey of Distracted Driving and Mindfulness Among Young Drivers*. 10/21/2023-7/31/2024.

Multiple-Principal Investigator: Renée St. Louis

University of Michigan Injury Prevention Center (Centers for Disease Control & Prevention Award R49-CE-003085; Total: \$49,990)

Principal Investigator, *Helping Those Who Help Others: Development of the Transportation Assistance Burden Scale (TABS)*. 1/1/2024-12/31/2024.

Multiple-Principal Investigator: Renée St. Louis

University of Michigan Transportation Research Institute Innovation Award (Total: \$50,000)

Co-Investigator, *Care Assistant for Family Caregivers of Persons with Dementia During Out of the Home Activities*. 9/23/2022 – 8/31/2025.

Principal Investigator: Shane Anderson, KBT. (National Institute on Aging Small Business Technology Transfer Award 2 R42 AG058336-02A1; Total \$1,709,129)

Co-Investigator, *Older Driver Research Feasibility Study*. 4/26/2022-4/25/2024.

Principal Investigator: Carol A. C. Flannagan; Co-Investigators: Lisa Molnar & David Eby (Department of Transportation-National Highway Traffic Safety Administration; Total: \$198,490)

COMPLETED RESEARCH OF NOTE

Principal Investigator, *Wearables Employment in Alzheimer's Disease and Related Dementias Research (WEAR) - Development of Guidelines for Device Selection and Participant Protocols*. 11/28/2022-2/29/2024.

Mentor Investigator: Carol A. C. Flannagan

University of Michigan Network for Innovative Methods in Longitudinal Studies of Aging (National Institute on Aging Award 1 R24 AG077012-01; Total: \$78,000)

Co-Investigator, *Evaluating a Virtual Reality Game Demonstrating How Distractions Cause Performance Drop-Off: A Mixed Methods Approach in Early Teen Drivers*. 2022-2023.

Principal Investigator: Andrew Hashikawa; Co-Investigators: Timothy Visclosky, Prashant Mahajan, & Carol A. C. Flannagan

University of Michigan Injury Prevention Center (Centers for Disease Control & Prevention Award R49-CE-003085; Total: \$49,990)

Principal Investigator, *Older Adult Health and Physical Functioning Predicting Long-Term Driving Difficulty and Driving Cessation*. 7/01/2021-6/30/2022.

Mentor: Toben F. Nelson

University of Minnesota Life Course Center for the Demography and Economics of Aging

Principal Investigator: Phyllis Moen (National Institutes of Health/National Institute on Aging, P30AG066613; Total: \$20,897)

Co-Investigator, *Refining a Driving Cessation Management Intervention for Persons with Dementia and their Family Caregivers: CarFreeMe*. 2020-2022.

Principal Investigator: Joseph E. Gaugler; Co-Investigators: Theresa Scott, Nancy Pachana, & Tetyana Shippee (National Institutes of Health/National Institute on Aging, R21 AG067537; Total: \$418,083)

Principal Investigator, *FleetLab Data Safety Analysis*. 2022-2023.

Co-Principal Investigator: Carol A. C. Flannagan. (FleetLab; Total: \$34,995)

Postdoctoral Research Associate, *The Residential Care Transition Module*. 2016-2021.

Principal Investigator: Joseph E. Gaugler; Co-Investigators: Carolyn Porta, David Roth, Mary Mittelman, Kenneth Hepburn, & Carol Whitlatch (National Institutes of Health/National Institute on Aging, R01 AG049692; Total: \$2,807,339)

Principal Investigator, *The Decision to Speed in the United States – A Mixed Methods Study*. 2018-2021.

Primary Mentor: Mark A. Pereira (University of Minnesota School of Public Health & Mixed Methods and Interdisciplinary Group; Total: \$3,800)

University Principal Investigator, *Traveling with Dementia - Airport Stories*. 2018-2021.

Mentor Investigator: Joseph E. Gaugler; Community Principal Investigator: Sara Barsel (University of Minnesota Robert L. Kane Endowed Chair in Long-Term Care and Aging – Discretionary Funds)

Assistant Scientist, *Minnesota Crash Records Audit*. 2016-2019.

Principal Investigator: Nichole L. Morris

(Minnesota Department of Transportation & Department of Public Safety; Total: \$124,989)

Graduate Research Assistant, *Identifying and Reconciling Stakeholder Perspectives in Deploying Automated Speed Enforcement*. 2013-2019.

Principal Investigator: Max Donath; Co-Investigator: Frank Douma

(US Department of Transportation DTRT13-G-UTC35 MOD 2 Project #00046215; Total: \$219,818.)

SCHOLARLY IMPACT METRICS

Total Citations: 264

h-index: 9

i10-index: 9

[ResearchGate](#)

PUBLICATIONS

- 21) **Peterson, C. M.**, Ingvalson, S. N., Birkeland, R. W., Louwagie, K. W., Scott, T. L., Pachana, N. A., Liddle, J., Gustafsson, L., & Gaugler, J. E. (2024). CarFreeMe™-Dementia: Potential benefits of a driving retirement program supporting persons with dementia and their families. *Innovation in Aging*. doi: [10.1093/geroni/igae022](https://doi.org/10.1093/geroni/igae022)
- 20) **Peterson, C. M.**, Leslie, A., Flannagan, C. A. C., & Nelson, T. F. (2024). On the road to retirement: Predicting nighttime driving difficulty and cessation using self-reported health factors. *Journal of Transport & Health*, 34, 101724. doi: [10.1016/j.jth.2023.101724](https://doi.org/10.1016/j.jth.2023.101724)
- 19) Gaugler, J. E., Zmora, R., **Peterson, C. M.**, Mitchell, L. L. Jutkowitz, E., & Duval, S. (2023) What interventions keep older people out of residential long-term care? A systematic review and meta-analysis. *Journal of the American Geriatrics Society (JAGS)*. doi: [10.1111/jgs.18522](https://doi.org/10.1111/jgs.18522)
- 18) Mitchell, L. L., Horn, B., Stabler, H., Birkeland, R. W., **Peterson, C. M.**, Albers, E., & Gaugler, J. E. (2023) Caring for a relative with dementia in long-term care during the COVID-19 Pandemic: A Prospective Longitudinal Study. *Innovation in Aging*. 7(4), igad034. doi: [10.1093/geroni/igad034](https://doi.org/10.1093/geroni/igad034). PMID: PMC10195573.
- 17) **Peterson, C. M.**, Birkeland, R. W., Louwagie, K. W., Ingvalson, S. N., Mitchell, L. L., Scott, T. L., Liddle, J., Pachana, N. A., Gustafsson, L., & Gaugler, J. E. (2023). Refining a driving retirement program for persons with dementia and their care partners: A mixed methods evaluation of CarFreeMe™-Dementia. *The Journals of Gerontology: Series B*, 78(3), 506-519. doi: [10.1093/geronb/gbac151](https://doi.org/10.1093/geronb/gbac151). PMID: PMC9985324.
- 16) **Peterson, C. M.**, Birkeland, R., Barsel, S., Statz, T. L., Gaugler, J. E., & Finlay, J. M. (2022 eprint) “Sick with stress”: Perspectives on airport travel from persons living with dementia and their travel companions. *Disability & Society*, 39(1), 234-254. doi: [10.1080/09687599.2022.2070060](https://doi.org/10.1080/09687599.2022.2070060).
- 15) Cha, J., **Peterson, C. M.**, Millenbah, A. N., Louwagie, K., Baker, Z. G., Shah, A., Jensen, C. J., & Gaugler, J. E. (2022) “Care to Plan”: Delivering personalized recommendations to support caregivers of people living with dementia. *JMIR Aging*, 5(2). doi: [10.2196/35847](https://doi.org/10.2196/35847). PMID: PMC9067568.
- 14) Mitchell, L. L., Albers, E. A., Birkeland, R. W., **Peterson, C. M.**, Stabler, H., Horn, B., . . . Gaugler, J. E. (2022). Caring for a relative with dementia in long-term care during COVID-

19. *J Am Med Dir Assoc (JAMDA)*, 23(3), 428–433. doi: [10.1016/j.jamda.2021.11.026](https://doi.org/10.1016/j.jamda.2021.11.026). PMID: PMC8677585.
- 13) Gaugler, J. E., Zmora, R., Mitchell, L., Finlay, J., Rosebush, C., Nkimbeng, M., Baker, Z. G., Albers, E., & **Peterson, C. M.** (2021). Remote activity monitoring for family caregivers of persons living with dementia: A mixed methods, randomized controlled evaluation. *BMC Geriatrics*, 21, 715. doi: [10.1186/s12877-021-02634-8](https://doi.org/10.1186/s12877-021-02634-8). PMID: PMC8684277.
- 12) **Peterson, C. M.**, Gaugler, J. E., Nelson, T. F., & Pereira, M. A. (2021). “Slowed for several months”: A mixed methods comparison of minor, moderate, and extreme speeders. *Transportation Research Interdisciplinary Perspectives*, 12. doi:[10.1016/j.trip.2021.100511](https://doi.org/10.1016/j.trip.2021.100511)
- 11) **Peterson, C. M.** & Gaugler, J. E. (2021) To speed or not to speed: Thematic analysis of American driving narratives. *Journal of Safety Research*. 78: 129-137 doi: [10.1016/j.jsr.2021.04.005](https://doi.org/10.1016/j.jsr.2021.04.005). PMID: 34399908.
- 10) **Peterson, C. M.**, Nelson, T. F., & Pereira, M. A. (2021). Driver speeding typologies by roadway behaviours and beliefs: A latent class analysis with a multistate sample of U.S. adults. *Transportation Research Part F: Traffic Psychology and Behaviour*, 81, 373-383. doi: [10.1016/j.trf.2021.06.016](https://doi.org/10.1016/j.trf.2021.06.016)
- 9) Statz, T. L., **Peterson, C. M.**, McCarron, H. R., Birkeland, R., Finlay, J. M., Rosebush, C. E., Baker, Z. G., & Gaugler, J. E. (2021) “We moved her too soon”: Navigating guilt among adult child and spousal caregivers of persons living with dementia following a move into residential long-term care. *Couple and Family Psychology: Research and Practice*. doi: [10.1037/cfp0000150](https://doi.org/10.1037/cfp0000150). PMID: PMC9897423
- 8) **Peterson, C. M.**, Mikal, J. P., McCarron, H. R., Finlay, J. M., Mitchell, L. L., & Gaugler, J. E. (2020) The feasibility and utility of a personal health record for persons with dementia and their family caregivers for web-based care coordination: Mixed methods study. *JMIR Aging*, 3(1): e17769. doi: [10.2196/17769](https://doi.org/10.2196/17769). PMID: PMC7381256.
- 7) Mitchell, L. L., **Peterson, C. M.**, Rud, S., Jutkowitz, E., Sarkinen, A., Trost, S., Porta, C. M., Finlay, J. M., & Gaugler, J. E. (2020). "It's like a cyber-security blanket": The utility of remote activity monitoring in family dementia care. *Journal of Applied Gerontology*, 39(1), 86-98. doi: [10.1177/0733464818760238](https://doi.org/10.1177/0733464818760238). PMID: PMC6353693.
- 6) Gaugler, J. E., Zmora, R., Mitchell, L. L., Finlay, J. M., **Peterson, C. M.**, McCarron, H., & Jutkowitz, E. (2019). Six-month effectiveness of remote activity monitoring for persons living with dementia and their family caregivers: An experimental mixed methods study. *The Gerontologist*, 59(1): 78-89. doi: [10.1093/geront/gny078](https://doi.org/10.1093/geront/gny078). PMID: PMC6326253.
- 5) Gaugler, J. E., Jutkowitz, E., **Peterson, C. M.**, & Zmora, R. (2018). Caregivers dying before care recipients with dementia. *Alzheimer's & Dementia: Translational Research and Clinical Interventions*, 4, 688-691. doi: [10.1016/j.trci.2018.08.010](https://doi.org/10.1016/j.trci.2018.08.010). PMID: PMC6292823.
- 4) **Peterson, C. M.**, Douma, F., & Morris, N.L. (2017) Addressing key concerns regarding automated speed enforcement via interactive survey. *Transportation Research Record: Journal of the Transportation Research Board*. doi: [10.3141/2660-09](https://doi.org/10.3141/2660-09)
- 3) Watts, A. W., Loth, K. A., **Peterson, C. M.**, Boutelle, K., & Neumark-Sztainer, D. (2016) Characteristics of a favorable weight status change from adolescence to young adulthood. *Journal of Adolescent Health*. 58(4):403-409. doi: [10.1016/j.jadohealth.2015.09.009](https://doi.org/10.1016/j.jadohealth.2015.09.009). PMID: PMC6092752.

- 2) Borsari, B., **Peterson, C. M.**, Zamboanga, B., Correia, C., Olthuis, J. V., Ham, L. S., & Grossbard, J. (2014). The Hazardous Drinking Games Measure (HDGM): A multi-site implementation. *The American Journal of Drug and Alcohol Abuse*, 40(5): 395-402. doi: [10.3109/00952990.2014.924522](https://doi.org/10.3109/00952990.2014.924522). PMID: PMC4164529.
- 1) **Peterson, C. M.**, Borsari, B., Mastroleo, N. R., Read, J.P., & Carey, K.B. (2012). How does the Brief CEOA match with self-generated expectancies in mandated students? *Addictive Behaviors*, 38(1): 1414–1417. doi: [10.1016/j.addbeh.2012.07.009](https://doi.org/10.1016/j.addbeh.2012.07.009). PMID: PMC3493850.

Invited Chapters and Reviews

- 3) Cotton, Q., **Peterson, C. M.**, Baker, Z. G., & Gaugler, J. E. (under review) The Application of Mixed Methods in the Design and Advancement of Interventions. In L. N. Gitlin & S. J. Czaja (Eds.), *Handbook of Intervention Science: From Design to Implementation*
- 2) Gaugler, J. E., **Peterson, C. M.**, Mitchell, L. L., Finlay, J., & Jutkowitz, E. (2018). Mixed methods research in adult development and aging. In B.G. Knight (Ed.), *Oxford Research Encyclopedia of Psychology*. doi: [10.1093/acrefore/9780190236557.013.350](https://doi.org/10.1093/acrefore/9780190236557.013.350)
- 1) Gaugler, J. E., Jutkowitz, E., & **Peterson, C. M.** (2017). An overview of dementia caregiving in the United States. *Generations, Fall* (ACL Supplement), 37-44.

Non-Peer Reviewed Manuscripts

- 1) Gaugler, J. E., Statz, T. L., Birkeland, R., Louwagie, K. W., **Peterson, C. M.**, Zmora, R., Emery, A., McCarron, H. R., Hepburn, K., Whitlatch, C. J., Mittelman, M. S., & Roth, D. L. (2020). The Residential Care Transition Module: A single-blinded randomized controlled evaluation of a telehealth support intervention for family caregivers of persons with dementia living in residential long-term care. *BMC Geriatrics*, 20, 133. doi: [10.1186/s12877-020-01542-7](https://doi.org/10.1186/s12877-020-01542-7). PMID: PMC7158110.

Manuscripts in Press, In Revision, and Under Review

- 3) **Peterson, C. M.**, Leslie, A., Bowman, P. J., & Flannagan, C. A. C. (under review) Is This the New Normal? Three Hypotheses Explaining Increased Roadway Fatalities and Injuries During COVID-19 using Michigan Crash Data. *Accident Analysis and Prevention*.
- 2) **Peterson, C. M.**, Visclosky, T., Flannagan, C., Mahajan, P., Gabanyicz, A., Bouchard, J. J., Cervantes, V., Gribbin, W., & Hashikawa, A. N. (under review) “More Aware of the Consequences”: A Mixed Methods Evaluation of a Virtual Reality. [Special issue: Young novice drivers]. *Journal of Traffic and Transportation Engineering (English Edition)*.
- 1) Gaugler, J. E., Birkeland, R. W., Albers, E. A., **Peterson, C. M.**, Louwagie, K., Baker, Z., Mittelman, M. S., Hepburn, K., Roth, D. L. (in press). Efficacy of the Residential Care Transition Module: A telehealth intervention for dementia family caregivers of relatives living in residential long-term care settings. *Psychology & Aging*.

RESEARCH REPORTS & WHITE PAPERS

- 7) **Peterson, C.M.**, St. Louis, R.M., Eby, D.W., Molnar, L.J., Zanier, N., Zakrajsek, J.S., & Flannagan, C.A. (2023). Assessment of Smartphone Apps Designed to Improve Safety for Older Drivers and Teen Drivers. Report No. UMTRI-2023-23. Ann Arbor, MI: University of Michigan Transportation Research Institute.
- 6) **Peterson, C.**, Bowman, P., & Flannagan, C. (2022) Demographic analysis of Michigan traffic crashes 2016-2019. University of Michigan Transportation Research Institute, Ann Arbor, Michigan. Available at <https://www.michigantrafficcrashfacts.org/reports>
- 5) Flannagan, C., Bowman, P., & **Peterson, C.**, (2022) Michigan 2020 Pandemic Crash Report. University of Michigan Transportation Research Institute, Ann Arbor, Michigan. Available at <https://www.michigantrafficcrashfacts.org/reports>
- 4) Morris, N. L., Libby, D., **Peterson, C. M.**, Ryan, A., & Sheppard, M. (2020) Minnesota crash records audit. Center for Transportation Studies, University of Minnesota. Report No. CTS 20-11 Available at <https://conservancy.umn.edu/handle/11299/217222>
- 3) McCarron, H., Birkeland, R., Baker, Z., Johnson, E., Nkimbeng, M., Stabler, H., Millenbah, A., & **Peterson, C.** (2020). Forum on long-term care financing: Summary report. School of Public Health, University of Minnesota, Minneapolis, MN. Available at: <https://drive.google.com/file/d/1hXJrHk3DvLyVBZvy0b5ITQ2XoAtNo-Bf/view>
- 2) **Peterson, C. M.**, Douma, F., & Morris, N. L. Identifying and reconciling stakeholder perspectives in deploying automated speed enforcement. (2017) Center for Transportation Studies, Minneapolis, Minnesota. Report No. CTS 17-03. Available at <http://www.its.umn.edu/Publications/ResearchReports/pdfdownload.pl?id=2788>
- 1) **Peterson, C. M.** Learning to change: Voices of women victims of violence and their journey to health and well-being. (2016) Internal report for Phyllis Wheatley Community Center, Minneapolis, MN. Center for Urban and Regional Affairs, University of Minnesota.

INVITED PRESENTATIONS

- 8) **Peterson, C. M.** The driving cessation landscape for older adults - Legal and support systems to support safe retirement. East Lansing, MI. March 2024.
- 7) **Peterson, C. M.** Safe speeds - Considering and implementing successful speeding countermeasures. Michigan Traffic Safety Summit. Grand Rapids, MI. June 2023.
- 6) **Peterson, C. M.** Conceptualizing a mixed method study on speeding in the U.S. University of Minnesota Course PubH8814 - Mixed Methods: Integrating Quantitative and Qualitative Strategies in Research. Hybrid Minneapolis, MN and online. March 2023.
- 5) **Peterson, C. M.** Air travel experiences and concerns of persons living with dementias and their travel companions. Minnesota Commission of the Deaf, Blind & Hard of Hearing and Metropolitan Airports Commission Travelers with Disability Advisory Committee. Online. December 2020.
- 4) **Peterson, C. M.** Evaluating & participating in research during the COVID-19 pandemic. FamilyMeans. Memory Club Meeting for Alzheimer's Caregivers. Online. April 2021; November 2020.

- 3) **Peterson, C. M.** Addressing key concerns regarding automated speed enforcement via interactive survey. Minneapolis Automated Enforcement Study Technical Advisory Committee Member. Online. October 2020.
- 2) **Peterson, C. M.** Understanding and participating in clinical research. FamilyMeans. Memory Club Meeting for Alzheimer's Caregivers. Stillwater, MN. November 2019; April 2019; November 2018; April 2018.
- 1) **Peterson, C. M. & Mitchell, L.** Understanding research. Wilder Foundation. Memory Club Meeting for Alzheimer's Caregivers. St. Paul, MN. March 2017; March 2018.

CONFERENCE PRESENTATIONS

Peer-Reviewed Symposia and Papers

- 11) **Peterson, C. M.,** Ingvalson, S., Birkeland, R., Louwagie, K., Koffski, M., & Gaugler, J. E. Preliminary Efficacy of CarFreeMe™-Dementia: A Driving Retirement Program for Families in the U.S. Gerontological Society of America Annual Scientific Meeting. Tampa, FL. November 2023.
- 10) LeBlanc, D., Leslie, A., Bogard, S., **Peterson, C.,** Flannagan, C., Kiefer, R., & Bohannon, L. Field Study of the Level 2 Super Cruise Using Telematics Data. 27TH International Technical Conference on the Enhanced Safety of Vehicles (ESV). Yokohama, Japan. April 2023. Paper Number 23-0341 available at <https://index.mirasmart.com/27esv/PDFfiles/27ESV-000341.pdf>
- 9) **Peterson, C. M. & Nelson, T.F.** Early Warnings of Nighttime Driving Difficulty in Older Adults Ten-Year Physical and Mental Health Predictors from NSHAP. Gerontological Society of America Annual Scientific Meeting. Indianapolis, IN. November 2022.
- 8) **Peterson, C. M.,** Louwagie, K., Birkeland, R., Ingvalson, S., Mitchell, L. L., & Gaugler, J. E. Refining CarFreeMe, a driving retirement program for persons with dementia and their care partners. Gerontological Society of America Annual Scientific Meeting. Indianapolis, IN. November 2022.
- 7) Mitchell, L. L., Albers, E., Birkeland, R., **Peterson, C. M.,** Stabler, H., Horn, B. L. & Gaugler, J. E. LTC family caregivers' resilience during COVID-19: A prospective study (abstract accepted) Gerontological Society of America Annual Scientific Meeting. Indianapolis, IN. November 2022.
- 6) **Peterson, C. M.** Limited and relative intentions to change speeding behaviors: A mixed methods comparison of minor, moderate, and extreme speeders (2021). 2021 CTS Transportation Research Conference. Minneapolis, MN. November 2021.
- 5) Cha, J., **Peterson, C. M.,** Millenbah, A. N., Louwagie, K., Baker, Z. G., Jensen, C. J., & Gaugler, J. E. Refining "Care to Plan": Delivering personalized recommendations to support caregivers of people with dementia. Gerontological Society of America Annual Scientific Meeting. Phoenix, AZ. November 2021. doi:[10.1093/geroni/igab046.2002](https://doi.org/10.1093/geroni/igab046.2002)
- 4) Gaugler, J. E., Zmora, R., Mitchell, L. L., Finlay, J. M., Rosebush, C., **Peterson, C. M.,** Nkimheng, M., & Baker, Z. G. The effects of remote activity monitoring on family caregivers of people living with dementia over an 18-month period. Gerontological Society of America Annual Scientific Meeting. Phoenix, AZ. November 2021. doi: [10.1093/geroni/igab046.009](https://doi.org/10.1093/geroni/igab046.009)
- 3) Gaugler, J. E., Zmora, R., **Peterson, C. M.,** Mitchell, L. L., Birkeland, R., Jutkowitz, E., & Duval, S. What keeps older people out of nursing homes? A meta-analysis. Gerontological Society of

America Annual Scientific Meeting. Phoenix, AZ. November 2021. doi:
[10.1093/geroni/igab046.1958](https://doi.org/10.1093/geroni/igab046.1958)

- 2) Gaugler, J. E., Jutkowitz, E., **Peterson, C. M.** Public health implications of dementia caregiving. In M. Lepore (Chair), Improving systems for people with dementia and their caregivers is a public health priority. American Public Health Association Symposium. San Diego, CA. November 2018.
- 1) **Peterson, C. M.**, Douma, F., & Morris, N. Addressing key concerns regarding automated speed enforcement via interactive survey. Transportation Research Board Annual Meeting. Washington, DC. January 2017.

Peer-Reviewed Posters

- 15) **Peterson, C. M.** & Flannagan, C. A. C. Wearables in Dementia Research: A Systematic Review of Barriers and Facilitators to Adherence. Gerontological Society of America Annual Scientific Meeting. Tampa, FL. November 2023.
- 14) **Peterson, C. M.** & Nelson, T. F. Early physical and mental health predictors of nighttime driving difficulty in older adults. Gerontological Society of America Annual Scientific Meeting. Indianapolis, IN. November 2022.
- 13) Albers, E., Birkeland, R., **Peterson, C. M.** Drake, A., Gaugler, J., & Mitchell, L. (2021). Dementia caregivers' trajectories of well-being before and during the COVID-19 pandemic. *Innovation in Aging*, 5(Supplement_1), 311-312. doi:[10.1093/geroni/igab046.1207](https://doi.org/10.1093/geroni/igab046.1207)
- 12) **Peterson, C. M.**, Louwagie, K., Birkeland, R., Ingvalson, S., & Gaugler, J. E. (abstract accepted) Refining a driving retirement program for persons with dementia and their care partners: CarFreeMe. Gerontological Society of America Annual Scientific Meeting. Phoenix, AZ. November 2021.
- 11) O'Reilly, M., Warren, A., Barsel, S., Shepherd, N., Turner, K., **Peterson, C. M.**, Beattie, E., Edwards, H., La Bey, L. & Statz, T. L. Dementia friendly skies: A comparison of air travel experiences from three continents. Alzheimer's Disease International Virtual Conference. Online. December 2020.
- 10) **Peterson, C. M.** Statz, T., Barsel, S., Birkeland, R., Gaugler, J., & Finlay, J. (2020). Air travel concerns and complaints of persons living with dementia and their travel companions. *Innovation in Aging*, 4(Supplement_1), 112-113. doi:[10.1093/geroni/igaa057.371](https://doi.org/10.1093/geroni/igaa057.371)
- 9) Statz, T. L., **Peterson, C. M.**, Birkeland, R., Shah, A., Perez, K., & Gaugler, J. E. (2019). Identifying predictors of guilt following placement of family member with dementia into residential long-term care. *Innovation in Aging*, 3(Suppl 1), S486-S487. doi:[10.1093/geroni/igz038.1806](https://doi.org/10.1093/geroni/igz038.1806)
- 8) **Peterson, C. M.**, Zmora, R., Jutkowitz, E., & Gaugler, J. E. Reports of caregivers dying before care recipients with dementia have been greatly exaggerated. Minnesota Gerontological Society Annual Conference. Minneapolis, MN. April 2019.
- 7) Mitchell, L., **Peterson, C. M.**, Rud, S. R., Cowl, A., Trost, S., & Gaugler, J. E. "It's like a cyber-security blanket": The utility of remote activity monitoring in family dementia care. 21st IAGG World Congress of Gerontology and Geriatrics Conference. San Francisco, CA. July 2017.

- 6) Yurasek, A. M., Borsari, B., **Peterson, C.M.**, Wheeler, H., Mastroleo, N. R., Murphy, J. G., McDevittMurphy, M. E., Martens, M., & Carey, K. B. Student veterans on the college campus: A comprehensive review. Research Society on Alcoholism, Bellevue, WA. June 2014.
- 5) **Peterson, C. M.**, Oakley, W., Mastroleo, N. R., Hustad, J.T., & Borsari, B. Mandated college student drinking behaviors and body mass index. Global Health & Innovation Conference. New Haven, CT. April 2012.
- 4) Eaton Short, E., Mastroleo, N. R., Borsari, B., & **Peterson, C.M.** Mechanisms of behavior change within peer-implemented alcohol interventions. 45th annual convention of the Association for Behavioral and Cognitive Therapies, Toronto, Ontario. November 2011.
- 3) Orchowski, L. M., Mastroleo, N. R., Borsari, B., & **Peterson, C.M.** Alcohol related sex consequences among students in a brief alcohol intervention. Annual scientific meeting of the Research Society on Alcoholism, Atlanta, GA. June 2011.
- 2) **Peterson, C. M.**, Johnson, E. M., Barthelmes, C. K., Borsari, B., Hustad, J. T. P., & Barnett, N.P. Hostility in mandated students: An indicator of risky drinking behaviors. 33rd Meeting of the Research Society on Alcoholism. San Antonio, TX. June 2010.
- 1) **Peterson, C. M.** & Eaton, A. A. Gender, power, and persuasion: Attitude strength expectations for high and low-power men and women at work. Society for Personality and Social Psychology Annual Convention. Albuquerque, New Mexico. February 2008.

PUBLIC LECTURES

- 4) **Peterson, C. M.** Applying a Mixed Methods Approach to Understanding Speeding Behaviors. University of Michigan Transportation Research Institute Summer Seminar Series. Online. August 2023.
- 3) **Peterson, C. M.** The decision to speed in the United States: A mixed methods study. University of Minnesota Division of Epidemiology and Community Health. Minneapolis, MN. June 2020.
- 2) Gaugler, J. E., Zmora, R., Mitchell, L. L., Finlay, J. M., **Peterson, C. M.**, McCarron, H., & Jutkowitz, E. Six-month efficacy of remote activity monitoring for persons with dementia and their family caregivers. University of Minnesota Nursing Research Day. Minneapolis, MN. April 2018.
- 1) **Peterson, C. M.** Risky driving behaviors as we age: A mixed methods approach. University of Minnesota Mixed Methods Interdisciplinary Graduate Group. Minneapolis, MN. May 2018.

SELECT MEDIA OUTREACH

- 2022 March 27, 2022. The problem with a new road phenomenon called ‘super speeding’. *Radio Health Journal Interview*. <https://radiohealthjournal.org/super-speeding/>
- 2022 January 31, 2022. A dangerous need for speed during the pandemic: Why some drivers feel it's OK if they floor it. *Chicago Daily Herald*. <https://www.dailyherald.com/article/20220131/news/220139954>
- 2021 November 8, 2021. Dementia care: Colleen Peterson and Robyn Birkeland. *Voices of Aging with ASIG podcast*. <https://soundcloud.com/voices-of-aging/2021-12-dementia-care-colleen-peterson-and-robyn-birkeland>

HONORS, AWARDS, AND SMALL RESEARCH GRANTS

- 2021 National Institute on Aging Imbedded Pragmatic Alzheimer's Disease and AD-Related Dementias Clinical Trials (IMPACT) Collaboratory training workshop recipient:
 “Training Workshop and Retreat: Building Skills to Conduct Embedded Pragmatic Clinical Trials Among People Living with Dementia and Their Care Partners”
- 2019 J.B. Hawley Student Research Award from the School of Public Health at the University of Minnesota [UMN] (\$2800)
- 2019 Center for Transportation Studies at UMN John S. Adams Award for Excellence in Transportation Research and Education (\$1500)
- 2019 Minnesota Gerontological Society Higher Education Student Award from the Robert L. and Rosalie A. Kane Scholarship Fund (\$1000)
- 2017 Student Travel Award from the Center for Transportation Studies at UMN – Transportation Research Board Annual Meeting (\$2000)
- 2017 UMN Council of Graduate Students Career Development Grant (\$625)
- 2017 UMN Mixed Methods and Interdisciplinary Group Research Scholarship (\$1000)
- 2017 UMN School of Public Health Student Senate Professional Development Grant (\$200)
- 2016 Student Travel Award from the Center for Transportation Studies at UMN – Transportation Research Board Annual Meeting (\$2000)
- 2014 UMN School of Public Health Dean’s Scholarship (\$7500)
- 2014 Brown University School of Public Health Distinguished Service Award
- 2012 Brown University School of Public Health Research Achievement Award (\$1000)
- 2003 - 2007 University of Chicago Dean’s List

AD HOC REVIEWER (ENUMERATED AT [WEB OF SCIENCE](#))

<i>BMC Psychiatry</i>	<i>SAGE Open Medicine</i>
<i>Behavioral Sciences</i>	<i>The Gerontologist</i>
<i>Gerontology and Geriatric Medicine</i>	<i>The International Journal of Aging and Human Development</i>
<i>International Journal of Geriatric Psychiatry</i>	<i>JMIR mHealth and uHealth</i>
<i>Innovation in Aging</i>	<i>JMIRx Med</i>
<i>Journal of Aging and Health</i>	<i>The Journals of Gerontology: Series B (Social Sciences)</i>
<i>Journal of Applied Gerontology</i>	<i>Scientific Data (Nature)</i>
<i>Journal of Medical Internet Research</i>	<i>Sustainability</i>
<i>Journal of Studies on Alcohol and Drugs</i>	<i>Traffic Injury Prevention</i>
<i>Journal of Transportation Safety & Security</i>	<i>Transportation Research Interdisciplinary Perspectives</i>
<i>Journal of the American Medical Directors Association</i>	
<i>Psychology, Crime and Law</i>	

SERVICE (COMMUNITY)

- 2022, 2023 “Securing Pilot Research Funding: Strategies for Success Through the NIA Supported Center Programs” Gerontological Society of America Pre-Conference Workshop Panelist
- 2021-Present Michigan Senior Mobility and Safety Action Team, Michigan Department of State
- 2018-Present Dementia-Friendly Airports Working Group – Navigating MSP for Persons with Dementia Project Member & Travel Experiences Survey Co-Chair.
- 2020-2021 Minneapolis Automated Enforcement Study Technical Advisory Committee Member.
- 2019-2021 Mobility for Minnesota’ Aging Persons Consortium (MMAP) - Advisory Group on Dementia and Driving MN Initiative Member.
- 2019 Mobility for Minnesota’ Aging Persons Consortium (MMAP) - Driving and Dementia Community Needs Assessment Project Expert Consultant.
- 2018 Minnesota State Legislature’s Alzheimer’s Disease Working Group - Assessment of Trends and Disparities Committee Expert Consultant.

SERVICE (UNIVERSITY)

- 2022-Present UMTRI Research Laboratory Safety Committee Member.
- 2022-Present UMTRI Internal Review Committee Member.
- 2021, 2023 Patricia F. Waller Scholarship Application Review Committee Member.
- 2020-Present UMN School of Public Health Center for Healthy Aging and Innovation Member.

PROFESSIONAL AFFILIATIONS

American Society on Aging
Gerontological Society of America
Minnesota Gerontological Society
Network for Innovative Methods in Longitudinal Aging Studies
Society for Epidemiologic Research
Transportation Research Board of the National Academy of Sciences
PsiChi
University of Michigan Injury Prevention Center
UMN Center for Healthy Aging and Innovation
UMN Life Course Center for the Demography and Economics of Aging
UMN Aging Studies Interdisciplinary Graduate Group (former)
UMN Mixed Methods Interdisciplinary Graduate Group (former)

TEACHING AND MENTORSHIP EXPERIENCE

- 2018-Present **University of Minnesota Project Supervisor:** Promoted junior scholar mentorship and development to engage undergraduate research assistants in original analysis and dissemination. Developed specific research plans; scheduled regular collaborative

meetings; and supervised data collection, analysis, as well as manuscript and conference poster development.

Research Assistants: Ayush Shah, Aneri Shah, Kobe Perez, and Zoe Gabrielson

Shah, A., **Peterson, C. M.** & Gaugler, J. (2020, April). Evaluating the extent to which caregiver burden is incorporated in curricula of family medicine residency programs in the United States. In *Journal of The American Geriatrics Society*. (Vol. 68, pp. S316-S316).

Shah, A. D., **Peterson, C. M.**, Crichlow, R., & Gaugler, J. E. (in revision) Caregiver burden curricula in family medicine residency programs in the United States.

2016-2018 **University of Minnesota Teaching Assistant:** Prepared and facilitated in course teaching activities. Developed grading schemes and graded a variety of assignments, research paper components, and managed student records. Encouraged critical thinking and deeper material engagement through moderation of online class discussion. Provided timely clarification and further resources per class and individual student needs.

PUBH6606 Child Health: Issues, Programs, and Policies

Invited lecture: Adolescent Development, Judgment, Risk Behaviors, & Injury.

CONFERENCE COLLABORATIONS AND WORKSHOP PARTICIPATION

- 2019 Minnesota Toward Zero Deaths Regional Workshop; Participant. Strategic Highway Safety Plan Working Group. Brooklyn Center, MN. May 2019
- 2018 Transportation Research Board 97th Annual Meeting: Human Factors Workshop; Participant: Is There a Relationship Between Safe Driving and Older Drivers' Medical Conditions and Health Status? Washington, D.C. January 2018.
- 2017-2019 Annual Caring for Persons with Memory Loss Conference; Conference Co-Organizer. University of Minnesota. Minneapolis, MN. June 2019; June 2018; June 2017