

Mia T. Vogel, MPH, MSW
George Warren Brown School of Social Work
Washington University in St. Louis
Campus Box 1196
One Brookings Drive
St. Louis, MO, 63130
miavogel@wustl.edu

EDUCATION

In progress **The Brown School at Washington University in St. Louis, Missouri**
Doctor of Philosophy (PhD), Public Health Sciences

University of Washington, Seattle

2017 Master of Public Health (MPH), Health Services: Social and Behavioral Sciences

2017 Advanced Standing Master of Social Work (MSW): Administration and Policy Practice

Public Health Thesis:

Partnerships for Improving Hypertension Management in Washington State

University of Washington, Seattle

2015 Bachelor of Arts in Social Welfare, minor in Diversity

2015 Bachelor of Science in Biology, minor in Music

Social Welfare Honors Thesis:

Evaluating the Impact of a Financial Assistance Program on People Living with Multiple Sclerosis

RESEARCH EXPERIENCE

2021-present **Independent Consultant**, Children’s Hospital Los Angeles (CHLA);
University of Southern California Keck School of Medicine
System Dynamics Approaches to Implementing a “Bedside Guideline Engine” for Improving Pediatric Severe Traumatic Brain Injury (sTBI) Outcomes in the Intensive Care Unit (ICU)

- Modify group model building sessions to take place virtually
- Assist with IRB modification for virtual administration due to COVID-19
- Conduct community-based system dynamics group model building sessions at Children’s Hospital Los Angeles (CHLA) by provider type: (nurses, trainees, attending physicians) to assess the pre-implementation context to implement an innovative technology to promote adherence to best available evidence for treating pediatric sTBI
- Analyze results via causal loop diagrams using modeling software (Vensim and Stella Architect)
- Develop synthesized causal loop diagrams by provider type and site
- Coordinate member checking at four sites across the US

- Increase capacity for group model building efforts at CHLA
- Assess data availability to enhance a formal system dynamics simulation model in an ICU implementation context
- Engage in internal, foundation, and government grant writing efforts as part of an interdisciplinary team to test approaches for ICU system transformation
- Create dissemination products and develop scholarly manuscripts
- Write grant proposals for additional work in this domain

2019-2021 **Graduate Research Assistant**, St. Louis Children's Hospital; Washington University in St. Louis (WUSTL) School of Medicine; Social System Design Lab at The WUSTL Brown School; *System Dynamics Approaches to Implementing a "Bedside Guideline Engine" for Improving Severe Pediatric Traumatic Brain Injury Outcomes in the Intensive Care Unit*

- Conduct group model building sessions about intensive care unit workflow to identify points of intervention for an innovative technology for improving adherence to evidence-based guidelines for pediatric sTBI with key providers at Barnes-Jewish Hospital in St. Louis, and Mercy Children's Hospital in Kansas City
- Analyze results by developing causal loop diagrams in Vensim
- Mentored a research assistant in community-based system dynamics

2019-present **Graduate Research Assistant**, WUSTL Prevention Research Center (PRC) *Chronic Disease Policy Implementation Tools Systematic Review*

- At the CDC-funded Prevention Research Center, contributed to a review article on current tools for policy implementation

2018-present **Graduate Research Assistant**, WUSTL Center for Public Health Systems Science *Advancing Science and Policy in the Retail Environment (ASPIRE)*

- Participate on a National Cancer Institute Center Grant using agent-based modeling to inform effective tobacco control policies across the US

2018-present **Graduate Research Assistant**, WUSTL Institute of Clinical and Translational Sciences, *Team Science, Tracking & Evaluation, Dissemination and Implementation Research Core (DIRC)*

- Contribute to a scoping review of collaboration and teamwork measurements to inform improvements to measuring teamwork
- Work with investigators in translational health sciences grant proposal development, particularly in the areas of dissemination and implementation

2018 **Research Coordinator**, UW Information School, Population Health Pilot Award
Prepare for the IT Workplace Program for College Students with Autism (PREP for IT)

- Worked with PI to develop and implement a pilot proof-of-concept program aimed toward improving information technology employment opportunities for college students with autism
- Created and administered evidence-based questionnaires and teaching curriculum on work readiness, quality of life, and self-efficacy
- Contributed to grant writing efforts

2017-2018 **Research Coordinator**
UW Center for Health Sciences Interprofessional Education, Research, and Practice;
Institute of Translational Health Sciences (ITHS) Clinical Translational Science Award,
Team Science Module

- Led the authorship of a primer on interprofessional team writing with an accompanying online toolkit of writing resources to provide guidance for interprofessional research teams in disseminating scholarly products
- Worked as part of a team to conduct a systematic literature review about the effect of interprofessional education on nursing team outcomes to promote interprofessional education interventions in clinical practice
- Led grant aim related to appointments, promotion, and tenure. Analyzed appointments, promotion and tenure guidelines within the Schools of Health Sciences to evaluate and propose modifications to language related to interdisciplinary collaborative research and team science; wrote questionnaires (administered in REDCap) and interview guides by reviewing academic literature for relevant team science and promotion and tenure metrics in collaboration with the Team Science module of ITHS, the Evaluation module of ITHS, UW administration, UW promotion and tenure committee chairs, and team science stakeholders across the country with the goal of creating better, more transparent ways to evaluate and reward interdisciplinary research and team science
- Participated in a separate grant aim related to training engineering students in principles of team science. Observed, trained, and evaluated students' perceptions of teamwork and psychological safety in *Engineering Innovation in Health (ME 414/599)*.
- **October 2018 winner of The Great CTSA Team Science Contest** (engineering student-clinician teams designed innovative devices to improve health and medicine). Attended class sessions and design competitions, interacted with teams, administered pre- and post- questionnaires, analyzed survey data in R, and prepared results reports
- Evaluated team science trainings of team members of each CTSA module by writing questionnaires, administering them in REDCap, analyzing results in R statistical programming language, and preparing results reports
- Analyzed data and developed reports on interprofessional team-based care for improving heart failure outcomes for Northwest Heart Failure Collaborative

- Acted in video productions aimed at training advanced-level nursing students in interprofessional practice

2017

Graduate Research Assistant, Northwest Center for Public Health Practice, UW Washington State Department of Health (DOH) Snohomish County “Go!” Evaluation

- Analyzed Healthy Youth Survey supplement data in SPSS to study physical activity levels among 5th graders in Snohomish County to determine the impact of an innovative physical activity promotion device and curriculum
- Designed, administered, and analyzed post-implementation satisfaction and sustainability surveys in SurveyMonkey
- Coordinated participant incentives delivery
- Interviewed key informants for lessons learned about implementation and sustainability and coded transcripts using deductive content analysis informed by the Program Sustainability Assessment Tool (PSAT)
- Coordinated and presented evaluation progress at stakeholder meetings
- Prepared quarterly and final grant reports
- As a member of the Evaluation Team, worked on other evaluation projects as needed to meet deadlines including analyzing qualitative data and drafting rapid-cycle progress reports for the State Innovation Model (SIM) project and reviewing surveys and online trainings related to emergency preparedness among public health professionals for content and clarity

2016-2018

Graduate Research Assistant, Health Promotion Research Center (HPRC), UW Washington State Department of Health (DOH) Hypertension Control Project

- As the PI Proxy, drafted Institutional Review Board proposal, modification, and continuing review submissions in Zipline online Human Subjects Division portal
- Drafted and piloted interview guides inquiring about evidence-based strategies and interorganizational partnerships for hypertension management and edited with project team and content experts
- Designed and distributed recruitment flyer and prepared Catalyst survey for participant screening and recruitment
- Conducted 51 semi-structured interviews with a diverse group of adults living with hypertension, clinic staff, community organization staff, pharmacists, and community health workers from different backgrounds
- Maintained accurate records of subject recruitment and incentives to determine participation rate and reconcile budget
- Developed codebook and coded transcripts using thematic analysis in Atlas.ti
- Prepared quarterly grant progress reports delivered to collaborators at DOH
- Completed a weighted network visualization of partnerships in R
- Received **Northwest Public Health Training Center Collaborative Project Funding Award** to support this work

- 2016-2019 **Scholar**, Healthy Brain Research Network (HBRN), UW
Psychosocial Support in Early Stage Dementia: Systematic Literature Review
Cognitive Health Nomenclature: Systematic Literature Review
Dementia and Co-Occurring Chronic Conditions: Systematic Literature Review
- Independently reviewed articles pertaining to people living with dementia and multiple chronic conditions and applied inclusion and exclusion criteria to screen and extract data for systematic reviews
 - Received **competitive scholarship from Alzheimer's Association** to participate in the annual HBRN meeting at Gerontological Society of America
 - Contributed figures, tables, content/copy editing, and discussion section to the resulting manuscripts
- 2015-present **Graduate Research Assistant**, Biobehavioral Nursing and Health Informatics, UW
Older Adults' Experiences with Traumatic Brain Injury: A Longitudinal Qualitative Study
- Analyzed transcribed interview data from an exploratory longitudinal qualitative study using inductive thematic analysis in Atlas.ti
 - Examined symptom change along the disability-recovery trajectory and created a data-driven conceptual model to understand meaning of TBI to survivors and inform future practice and programming efforts
 - Mentored a doctoral student in nursing in qualitative codebook development, coding, memoing, and theme development and supported her through the analysis and manuscript development process
- 2015 **Program Evaluation and Research Consultant**, Puget Sound SAGE, Seattle, WA
Climate Change Project
- Conducted a community-based mixed methods research project analyzing how climate change affects low-income people of color in King County
 - Trained staff in codebook development, content analysis, and use of Dedoose
 - Prepared final report and presentation to inform community organizing and policy
- 2014-2015 **Program Evaluator**, National Multiple Sclerosis Society, Greater Northwest Chapter
Evaluating the Impact of a Financial Assistance Program on People Living with MS
- Evaluated the National MS Society Financial Assistance Program during a time of restructuring to inform uniform guidelines that could be adopted across each National MS Society Chapter
 - Prepared IRB proposal and received Category 2 Exempt Status for evaluation
 - Designed survey and administered it online and in phone interviews
 - Managed and analyzed participant data
 - Maintained database containing confidential and sensitive client information
 - Presented findings at an all-staff meeting, on national conference call, at UW Undergraduate Research Symposium, and in a published manuscript and reflection

- 2013-2015 **Research Assistant**, Harborview Injury Prevention Research Center (HIPRC) and UW School of Social Work
Emergency Department Social Work Services to Patients with Traumatic Brain Injury
- Analyzed over one thousand Electronic Medical Records with inductive content analysis using Dedoose software in an interdisciplinary team
 - Contributed to development of a data-driven conceptual model to guide research and practice for improving services and outcomes
 - Participated in preparation of a PCORI grant proposal to test an innovative traumatic brain injury care management model eventually funded for ~\$12 million
 - As an HIPRC Summer Scholar, attended scholarly development trainings, workshops, and work in progress presentations
- 2010 **Research Assistant**, Snohomish County Elections Office, Everett, WA
Trachtenberg Election Verification System (TEVS), Humboldt County Election Transparency Project
- Partnered with open-source software developer to reduce computer error when tabulating votes and provided skilled analysis of thousands of voter ballots
 - Conducted research to ensure the highest possible confidence in the results of elections by promoting accurate, timely, transparent, and verifiable vote count

SELECTED PEER-REVIEWED PUBLICATIONS

- Blakeney, E., Kang, S., Henrikson, K., Liu, J. T. C., Seibel, E. J., Sprecher, J., Summerside, N., **Vogel M. T.**, Zierler, B. K., Posner, J. D. (2021). Implementation and evaluation of team science training for interdisciplinary teams in an engineering design program. *Journal of Clinical and Translational Sciences*, doi: 10.1017/cts.2021.788.
- Quinn, K., Miyawaki, C., Croff, R., **Vogel, M. T.**, Belza, B., Liu, M., Friedman, D., Souza, A., Edwards, V. (2020). Terms and measures of cognitive aging and cognitive health: A scoping review. *Research on Aging*, doi: 10.1177/0164027520911284.
- Vogel, M. T.**, Petrescu-Prahova, M., Steinman, L., Clegg-Thorp, C., Farmer, C., Sarliker, S. E., Baldwin, L.-M. (2019). Partnerships for hypertension control in Washington State, December 2016-July 2017. *Health Promotion Practice*, doi: 10.1177/1524839919853819.
- Willgerodt, M. A., Blakeney, E., Woodard, N., **Vogel, M. T.**, Moore, A. M., Liner, D., Zierler, B. (2019). Influence of leadership training workshops to promote interprofessional collaborative practice. *Journal of Interprofessional Care*, 1-11, doi: 10.1080/13561820.2019.1604496.
- Vogel, M. T.**, Blakeney, E., Willgerodt, M. A., Johnson, E. L., Shrader, S., Liner, D., Dyer, C., Odegard, P. S., Hall, L., Zierler, B. (2018). Interprofessional team writing to promote dissemination of interprofessional scholarship and education products. *Journal of Interprofessional Care*, 1-8, doi: 10.1080/13561820.2018.1538111.

Baik, D., Blakeney, E., Willgerodt, M., Woodard, N., **Vogel, M. T.**, Zierler, B. (2018). Effect of interprofessional team interventions on nursing and team outcomes in clinical settings: A systematic literature review. *Journal of Interprofessional Care*, 1-9, doi: 10.1080/13561820.2018.1505714.

Moore, M., Cristofalo M., Dotolo, D., Torres, N., Lahdya A., Ho L., **Vogel M. T.**, Forrester, M., Conley, B., Fouts, S. (2017). When high pressure, system constraints and a social justice mission collide: A socio-structural analysis of emergency department social work services. *Social Science & Medicine*, 178:104-114. doi: 10.1016/j.socscimed.2017.02.014.

Snowden, M. B., Steinman, L. E., Bryant, L. L., Cherrier, M., Greenlund, K. J., Leith, K. H., Levy, C., Logsdon, R. G., Copeland, C. **Vogel, M. T.**, Anderson, L. A., Atkins, D. C, Bell, J. F., Fitzpatrick, A. L. (2017). Dementia and co-occurring chronic conditions: What is known and where are the gaps in the evidence? *International Journal of Geriatric Psychiatry*, 32(4):357-371. doi: 10.1002/gps.4652.

UNDER REVIEW

Asher BlackDeer, A., Gillani B., Cohen, F., **Vogel, M. T.** A tale of two mentees: Conceptualizing academic mentorship through systems thinking.

Chen, R., Taylor, I., Koul, S., Ono, T., **Vogel, M. T.** Promoting success of women of color-owned enterprises in the United States: A system dynamics approach.

Andersen, S., Combs, T., Endrizal, A, Brossart, L, **Vogel, M. T.**, Namwase, A. S., Poor, T., McKay, V., Luke, D. Retail tobacco policy efforts and barriers to implementation in the US: Insights from local practitioners.

McKay, V., **Vogel, M. T.**, Combs, T., Endrizal, A, Brossart, L, Poor, T. Tailoring evidence dissemination to preferences of tobacco control partners: Lessons from an academic-community partnership for tobacco control.

Andersen, S., Brossart, L., Ballard, R., Endrizal, A., Hackett, R., Namwase, A.S., Chaitan, V., **Vogel, M. T.**, Combs, T., Luke, D. A. Getting from evidence to action: Design principles for translational products.

WORKING PAPERS

Hooley, C., Marcal, K., **Vogel, M. T.** Unifying scale-up frameworks: A review and systems thinking model.

Petrescu-Prahova, M., **Vogel, M. T.**, Baldwin, L.-M., Quirk, K., Anderson, D. Promoting the use of best practices: A dissemination planning guide.

Vogel, M. T., Taylor, I., Rich, E. A model to assist leaders in increasing diversity in their organizations.

Vogel, M. T., Yeager, L., Burnham, J. Implementing medical librarian rounding with infectious disease physicians for improved decision making and outcomes: A pilot study with pre/post-survey.

Mabellos T. M., Choi S. Y., Sinclair K. A., Look, M. A., **Vogel, M. T.**, Kaholokula J. K. (author order TBD). Comparison of self-report and objective measure of physical activity in Native Hawaiians with hypertension yields gendered results.

Muller, C. J., Ellison, N. L., Nikolaus, C., Fyfe-Johnson, A., Cruz, C., Olufadi, Y., Kaholokula, K., Seto, E., Buchwald, D., **Vogel, M.T.**, Sinclair, K. [author order TBD]. Healthy Hearts Among Pacific Islanders (HHAPI): Design of a randomized controlled trial of a hypertension management intervention for Native Hawaiians and Pacific Islanders.

Vogel, M. T., Proctor, E., Pineda Soto, J. The human-systems integration and implementation program: Integrating human-centered design engineering, systems science, and implementation science toward improving practices in pediatric critical care.

Vogel, M. T. Carothers, B. J., Combs, T. B., Tsai, E., Luke, D. A. Impact of gender and engagement on scholarly collaboration at a Clinical Translational Science Awards Program Hub.

SELECTED PRESENTATIONS

Hooley, C., Marcal, K., **Vogel, M. T.** “Unifying scale-up frameworks: A review and systems thinking model,” podium presentation at 14th Annual Conference on the Science of Dissemination and Implementation in Health, Virtual. December 2021.

Petrescu-Prahova, M., **Vogel, M. T.**, Baldwin, L.-M., Quirk, K., Anderson, D. “Promoting the use of best practices: A dissemination planning guide,” poster presentation at 14th Annual Conference on the Science of Dissemination and Implementation in Health, Virtual. December 2021.

Vogel, M. T., Jung, W., Thompson, H. J. “How can providers better address recovery needs for geriatric TBI survivors?” podium presentation at Gerontology Society of America. Virtual.

Jung, W., **Vogel, M. T.**, Figuracion, K. C. F., Thompson, H. J. “How does the meaning of traumatic brain injury change for older adults across the first-year post-injury?” poster presentation at International Brain Injury Association Conference. Virtual.

Chen, R., Taylor, I., Ono, T., Koul, S., **Vogel, M. T.** “Promoting success of women of color-owned enterprises in the United States: A system dynamics approach,” podium presentation at International System Dynamics Conference. Chicago, IL, Virtual. July 2021.

Asher BlackDeer, A., Gillani B., Cohen, F., **Vogel, M. T.** “A tale of two mentees: Conceptualizing academic mentorship through systems thinking,” poster presentation at International System Dynamics Conference. Chicago, IL, Virtual. July 2021.

Taylor, I., Rich, E. **Vogel, M. T.** “A model to assist leaders in increasing diversity in their organizations,” poster presentation at International System Dynamics Conference. Chicago, IL, Virtual. July 2021.

Hooley, C., Marcal, K., **Vogel, M. T.** “Applying systems science to scale-up frameworks: Exploring drivers of scale-up and feedback loops,” invited oral presentation at the NYU-CUNY Prevention Research Center as part of their Systems Change Lecture Series, Virtual. June 2021.

Vogel, M. T., Namwase, A. S., Carothers, B. J., Combs, T. B., Luke, D. A. “Measures and metrics of team science and collaborative research: A scoping review,” splash talk at the International Science of Team Science Conference. Virtual.

- Vogel, M. T.**, Carothers, B. J., Combs, T. B., Luke, D. A. “Gender Homophily in Collaboration Networks at a CTSA Program Hub,” splash talk at the International Science of Team Science Conference. Virtual.
- Vogel, M. T.**, Carothers, B. J., Combs, T. B., Luke, D. A. “Collaboration Networks at a CTSA Program Hub,” graduate student colloquium talk at the International Science of Team Science Conference. Virtual.
- Vogel, M. T.** “Mapping Smoking and Poverty Prevalence in Detroit, Michigan: ASPIRE-ing to Reduce Tobacco Use,” poster presentation at Research Without Walls (RWOW) Symposium, Brown School, Washington University. Virtual. May 2021.
- Vogel, M. T.**, Habif, D. V., Gillani, B., Hovmand, P. S., Proctor, E., Pineda Soto, J. A. “Community based system dynamics for assessing intensive care unit context for implementing evidence-based guidelines for pediatric severe TBI,” poster presentation at Research Without Walls (RWOW) Symposium, Brown School, Washington University. Virtual. May 2021.
- Zierler, B. K., Summerside, N., Sprecher, J., Blakeney, E., **Vogel, M. T.**, Chu, F., Posner, J. D. “Recognizing interdisciplinary collaborative research in promotion and tenure processes,” poster presentation at Translational Science 2021, Virtual. April 2021.
- Vogel, M. T.**, Gillani, B., Hovmand, P., Pineda Soto, J., Proctor, E. “Integrating best available evidence for pediatric severe traumatic brain injury in intensive care units: Mapping implementation context,” oral presentation at 13th Annual Conference on the Science of Dissemination and Implementation in Health, Virtual. December 2020.
- Walsh-Bailey, C., **Vogel M. T.**, Henrikson, N. B., Hsu, C. “Implementing interactive social needs screening in clinical settings: Exploring barriers, facilitators, and strategies for integration,” poster presentation at 13th Annual Conference on the Science of Dissemination and Implementation in Health, Virtual. December 2020.
- Walsh-Bailey, C., Allen, P, Kepper, M. P., **Vogel, M. T.**, Pilar, M., McLoughlin, G. M., Brownson, R. C. “Measurement of chronic disease policy implementation determinants and outcomes: A systematic review,” poster presentation at 13th Annual Conference on the Science of Dissemination and Implementation in Health, Virtual. December 2020.
- McLoughlin, G. M., Allen, P, Walsh-Bailey, C., **Vogel, M. T.**, Brownson, R.C. “Systematic review of school-based policy implementation measurement tools,” poster presentation at 13th Annual Conference on the Science of Dissemination and Implementation in Health, Virtual. December 2020.
- Andersen, S., Combs, T., Endrizal, A, Brossart, L, **Vogel, M. T.**, Namwase, A. S., Poor, T., McKay, V., Luke, D. “Retail tobacco policy efforts and barriers to implementation in the US: Insights from local practitioners,” poster presentation at 13th Annual Conference on the Science of Dissemination and Implementation in Health, Virtual. December 2020.
- McKay, V., Combs, T., Endrizal, A, Brossart, L, **Vogel, M. T.**, Poor, T. “Tailoring evidence dissemination to preferences of tobacco control partners: Lessons from an academic-community partnership for tobacco control,” poster presentation at 13th Annual Conference on the Science of Dissemination and Implementation in Health, Virtual. December 2020.

- Hovmand, P., **Vogel, M. T.**, Gillani, B., Ballard, E. “Developing inclusive communities of practice,” work in progress presentation at International System Dynamics Conference. Virtual. July 2020.
- Vogel, M. T.**, Gillani, B., Pineda Soto, J. Proctor, E., Habif, D.V., Hovmand, P. “Assessing intensive care unit context for implementing evidence-based guidelines for pediatric severe TBI,” work in progress presentation at International System Dynamics Conference. Virtual. July 2020.
- Vogel, M. T.**, Carothers, B. J., Combs, T. B., Tsai, E., Luke, D. A. “Impact of gender and engagement on scholarly collaboration at a Clinical Translational Science Awards Program Hub,” oral presentation at the Sunbelt Conference of the International Network for Social Network Analysis (INSNA). Virtual. June 2020.
- Vogel, M. T.**, Gillani, B., Hovmand, P., Proctor, E., Pineda Soto, J. “Implementing evidence-based guidelines for severe pediatric traumatic brain injury: A system dynamics approach,” poster presentation at the 12th Annual Conference on the Science of Dissemination and Implementation in Health. Washington, DC. December 2019.
- Souza, A., Kim, B., Miyawaki, C.E., Belza, B., Lee, M.K., **Vogel, M. T.**, Chu, F., Su, Y. “Outcomes of early stage memory loss interventions: A systematic review,” oral panel presentation in symposium: Quinn, K., Miyawaki, C.E., Souza, A.M., Resciniti, N.V., Kim, B., Friedman, D.B. The power of reviews: Harnessing research on cognitive health. Gerontological Society of America. Austin, TX. November 2019.
- Miyawaki, C. E., Quinn, K., Croff, R., **Vogel, M. T.**, Belza, B., Souza, A. M., Liu, M., Edwards, V. J., Friedman, D. B. “Terms and measures of cognitive aging and cognitive health: A scoping review,” oral panel presentation in symposium: Quinn, K., Miyawaki, C.E., Souza, A.M., Resciniti, N.V., Kim, B., Friedman, D.B. The power of reviews: Harnessing research on cognitive health. Gerontological Society of America. Austin, TX. November 2019.
- Vogel, M. T.**, Blakeney, E., Willgerodt, M. A., Johnson, E. L., Shrader, S., Liner, D., Dyer, C., Odegard, P. S., Hall, L., Zierler, B. “Team writing to promote dissemination of interprofessional scholarship and education products,” poster presentation. 2nd Annual Institute of Clinical and Translational Sciences Symposium. St. Louis, MO. January 2019.
- Zierler, B., Blakeney, E., Posner, J. D., Sprecher, J., Liner, D., Moore, A., Barchet, L., Woodard, N., **Vogel, M. T.** “Collaboration and multi-disciplinary team science,” oral presentation. Institute of Translational Health Sciences (ITHS) Steering Committee Meeting. Seattle, WA. June 2018.
- Vogel, M. T.**, Petrescu-Prahova, M. “Partnerships and strategies for blood pressure control in Washington State,” invited oral presentation. Washington State Diabetes Network. Seattle, WA. April 2018.
- Annabi, H., Locke, J., Stobbe, G., **Vogel, M. T.**, Bobrovskiy, J. “Prepare for the IT Workplace Program (PREP for IT): Empowering students with autism to succeed in the information technology workplace,” poster presentation. iSchool Research Fair. Seattle, WA. February 2018.
- Vogel, M. T.**, Petrescu-Prahova, M., Steinman, L., Baldwin, L.-M. “Partnerships for hypertension management in Washington State,” oral presentation. American Public Health Association (APHA) Annual Conference. Atlanta, GA. November 2017.

- Vogel, M. T.**, Petrescu-Prahova, M., Steinman, L., Baldwin, L.-M., Farmer, C., Sarliker, S. E. "Community-clinical linkages for hypertension management," poster presentation. Washington State Public Health Association Annual Conference. Wenatchee, WA. October 2017.
- Vogel, M. T.**, Thompson, H. "Meaning of traumatic brain injury to older adults," poster presentation. IAGG World Congress of Gerontology and Geriatrics. San Francisco, CA. July 2017.
- Vogel, M. T.**, Petrescu-Prahova, M. "Facilitators and barriers to community-clinical linkages for hypertension control in Washington State," invited oral presentation. Health Promotion Research Center (HPRC). Seattle, WA. May 2017.
- Steinman, L., Belza B., Prueher, L., Liu, M., Lum, W., Getz, M., Karlson, C., **Vogel, M. T.**, Jordan, A., Karlawish, J. "Using focus groups to assess Asian Americans' responses to public health messages to promote early detection of Alzheimer's Disease and other dementias," poster presentation. Elder Friendly Futures. Lynnwood Convention Center, Lynnwood, WA. September 2016.
- Vogel, M. T.**, Thompson, H. "How older adults perceive the meaning of their traumatic brain injury," poster presentation. Elder Friendly Futures. Lynnwood Convention Center, Lynnwood, WA. September 2016.
- Vogel, M. T.**, Wurpts, B. "Social support dynamics and happiness of LGBT adults," oral presentation. Sunbelt Conference of the International Network for Social Network Analysis (INSNA). Newport Beach, CA. April 2016.
- Bayo Urban, I., **Vogel, M. T.**, Park, B., Moise E., Tungohan, E., Ghaddar, J. "Starting where we are: Dialoguing alternate presents and futures," workshop presentation. Critical Ethnic Studies Association, University of Toronto, Ontario. May 2015.
- Vogel, M. T.**, Mohammad, F. B., Torres, J. M., Zhang, M. Y. "BASW administration process for application and experience in the BASW Program" panel presentation. Social Welfare 200: Introduction to Social Work, University of Washington, Seattle, WA. March 2015.
- Vogel, M. T.** "Facilitating Social Welfare Intergroup Dialogue," poster presentation. Spring Celebration of Service and Leadership. University of Washington, Seattle, WA. May 2014.
- Vogel, M. T.** "Garden brain: Planting seeds to grow Gardens of Democracy," Citizen University Pop-Up Museum exhibit and presentation. Spring Celebration of Service and Leadership. University of Washington, Seattle, WA. May 2014.
- Vogel, M. T.** "Evaluating the impact of a financial assistance program on people living with multiple sclerosis," poster presentation. Undergraduate Research Symposium. University of Washington, Seattle, WA. May 2014.

TEACHING EXPERIENCE

- 2021 **Teaching Fellow, Independent Instructor, *Social Justice and Human Diversity***
Brown School at Washington University in St. Louis
- Developed course content (e.g., lectures, lecture slides, curated readings and videos, discussion questions, assignments, grading rubric, etc.) and taught an in-person section of *Social Justice and Human Diversity*, a required course for MSW students using Freirean pedagogy, intergroup dialogue facilitation, design thinking, systems thinking, and liberating structures approaches
 - Contributed to question development related to course content for the required culminating exam for MSW students at Brown School of Social Work
- 2021 **Teaching Assistant, *Interrogating Health, Race, and Inequalities***,
Prof. Vetta Sanders Thompson and Prof. Shanti Parikh
Washington University, St. Louis, MO
- Contributed to a fully online-formatted interdisciplinary master's and undergraduate course by developing curriculum and rubrics, facilitating group dialogues and group activities, managing course website, and holding office hours
 - Facilitated practicum/community site placements for student community-based experiential learning internships
 - Graded attendance, participation, discussion board and group activities, reflection/site observation papers, midterm essays, presentations, and final essays
 - Lectured on the Freirean the pedagogical approach, spiral model of learning critical consciousness, and reflective praxis of experiential community-based learning and other selected topics throughout the semester
- 2020 **Teaching Assistant, *Research Methods***, Dr. Alexandra Morshed
Washington University in St. Louis, The Brown School, St. Louis, MO
- Contributed to a fully online formatted master's degree course in Public Health by developing curriculum and rubrics, facilitating group exercises, managing course website, and holding office hours
 - Graded and provided extensive feedback on all written assignments
 - Lectured on conceptual models and operationalization
- 2020 **Teaching Assistant, *Health Economics***, Prof. Tim McBride
Washington University in St. Louis, The Brown School, St. Louis, MO
- Contributed to a master's degree course in Public Health by developing curriculum and rubrics, giving lectures, facilitating group exercises, grading assignments, managing course website, and holding office hours
 - Graded course assignments and midterm
 - Lectured on Behavioral Economics

- 2019 **Teaching Assistant**, *Translating Epidemiology into Policy*, Prof. Ross Brownson
Washington University in St. Louis, The Brown School, St. Louis, MO
- Contributed to a master's degree course in Public Health by giving lectures, facilitating group exercises, developing quizzes and exams, grading assignments, and holding office hours
 - Lectured and facilitated dialogue and activity on the nanny state
 - Lectured and facilitated dialogue and activity on international approaches to combat the opioid epidemic
- 2019 **Teaching Assistant**, *Program Planning, Implementation & Evaluation*, Prof. Patrick Fowler
Washington University in St. Louis, The Brown School, St. Louis, MO
- Contributed to a master's degree course in Public Health by giving lectures, facilitating group exercises, consulting on student projects, grading assignments, and holding office hours
 - Lectured on process evaluation
 - Mentored one of my students on a Fulbright student research application following the completion of the course
- 2015 **Guest Lecturer**, *Social Work 522: Introduction to Advanced Standing Practicum*
University of Washington, School of Social Work, Seattle, WA
- Presented invited lecture about art in social work for health and social justice
- 2014-2015 **Intergroup Dialogue Trainer and Consultant**, Neah Bay Pipeline Project, UW
Center for Experiential Learning, Seattle, WA
- Trained undergraduates in communication, cultural responsiveness, and group facilitation for work with 3rd and 5th grade students on the Makah Reservation
 - Planned and implemented a two-day intensive Intergroup Dialogue training and follow-up lectures on interrupting discrimination
- 2014 **Intergroup Dialogue Facilitator**, Intergroup Dialogue, Education & Action Center
UW School of Social Work, Seattle, WA
- Led a section of BASW juniors in the Intergroup Dialogue component of *Social Welfare 404: Cultural Diversity and Justice*, a required course in the major
 - Facilitated focus groups and dialogues related to social identities and inequalities
 - Used evidence-based practices to promote understanding of diversity
 - Designed, planned, and implemented educational and focus group modules

LEADERSHIP AND SERVICE EXPERIENCE

- 2021-present **Graduate Student Representative**, Brown School Diversity, Equity, and Inclusion Committee, Washington University in St. Louis, MO
- 2021-present **Graduate Student Representative**, Center for Diversity and Inclusion Advisory Council, Washington University in St. Louis, MO
- 2020 **Secretary**, Women in Network Science (WiNS) Society
- 2020-present **Senator; Diversity and Advocacy Committee; Health Committee**, Graduate Student Senate, Brown School, Washington University in St. Louis, MO
- 2020-2021 **Member**, Professional Development Seminar Committee, The Brown School at Washington University in St. Louis, MO
- 2020-present **Member**, Dismantling Structural Racism Special Interest Group, System Dynamics Society
- 2019-2021 **Voting Representative**, Diversity & Inclusion, Graduate & Professional Advisory Council, Washington University in St. Louis, MO
- 2019-2020 **Peer Mentor**, The Brown School at Washington University in St. Louis, MO
- 2015-2017 **Staff Writer**, *The Daily*, University of Washington, Seattle, WA
- 2015-2016 **Student Advisory Council**, UW School of Social Work, Seattle, WA
- 2015-2016 **Health and Safety Committee Member**, UW School of Social Work, Seattle, WA
- 2013-2014 **Programs and Services Social Work Intern**, National Multiple Sclerosis Society Greater Northwest Chapter, Seattle, WA
- 2012-2013 **Social Work Intern**, Youth in Focus, Seattle, WA
- 2012-2016 **Co-Chair, former Committee Member**, Art Committee UW School of Social Work, Seattle, WA
- 2008 **Secretary to the Board of Directors**, Center Pointe, Spokane, WA

TRAINING AND CERTIFICATIONS

- 2021 Veteran's Affairs (VA) Palo Alto Health Care System Privacy and HIPAA Training
- 2021 VA Privacy and Information Security Awareness and Rules of Behavior
- 2021 CITI Program Human Subjects Protections Refresher Course
- 2021 CITI Program Biosecurity Course
- 2021 PhD Citation in Entrepreneurship, The Skandalaris Center for Interdisciplinary Innovation and Entrepreneurship
- 2021 UW Summer Institute in Biostatistics: Stochastic Epidemic Models with Inference
- 2021 UW Summer Institute in Biostatistics: MCMC I
- 2021 UW Summer Institute in Biostatistics: MCMC II
- 2021 PhD Teaching Citation, WUSTL Teaching Center

- 2021 Professional Development in Teaching Program, Associate
- 2021 11th Winter School: Longitudinal Social Network Analysis & Advanced SIENA
- 2021 Engaging Virtual Presentations Workshop, Washington University ISC3/CT&L
- 2020 Exploring Practices in the Classroom (EPIC) Learning Community, WUSTL Teaching Center
- 2019 CITI Program Good Clinical Practice (GCP) Training
- 2019 CITI Program Clinical Research Coordinator Certificate
- 2018 UW Summer Institute in Biostatistics: Causal Inference
- 2018 UW Summer Institute in Biostatistics: Regression Methods: Concepts & Applications
- 2018 UW Summer Institute in Biostatistics: Probability and Statistical Inference
- 2018 Network Dynamics of Social Behavior, Coursera course through University of Pennsylvania
- 2017 CITI Program Human Subjects Protections Refresher Course
- 2017 UW Summer Institute in Biostatistics: Reproducible Research for Biomedical Big Data
- 2017 UW Summer Institute in Biostatistics: Visualization of Biomedical Big Data
- 2017 UW Summer Institute in Biostatistics: Data Wrangling with R
- 2017 Introduction to GIS Mapping (I and II), Center for Studies in Demography and Ecology (CSDE)
- 2017 Data Wrangling in R, Center for Social Science Computation and Research (CSSCR)
- 2016 Healthy Brain Research Network Focus Group Moderator Training
- 2015 Social and Economic Networks: Models and Analysis, Coursera course through Stanford University, completed *with Distinction*
- 2015 SafeTalk Suicide Prevention Training, Forefront Suicide Prevention Resource Center
- 2015 Health Insurance Portability and Accountability Act (HIPAA) Compliance Training
- 2015 Bloodborne Pathogens for Researchers Training, UW Environmental Health & Safety
- 2015 CPR for Healthcare Providers, American Heart Association
- 2014 Assessing and Managing Suicide Risk, Forefront Suicide Prevention Resource Center
- 2014 Fetal Alcohol Spectrum Disorders, University of Washington, Seattle, WA
- 2014 Crisis Intervention Training, University of Washington, Seattle, WA
- 2014 Assessment of Trauma and Loss (I and II), University of Washington, Seattle, WA
- 2013 CITI Program Human Subjects Protections Course

HONORS AND AWARDS

- 2021 WUSTL Transdisciplinary Pre-doctoral Training Program in Obesity and Cardiovascular Disease, T32 HL130357, National Heart, Lung and Blood Institute (NHLBI), National Institutes of Health (NIH)
- 2021 Admitted to UW Network Modeling for Epidemics with Dr. Morris and Dr. Goodreau
- 2021 WUSTL Center for Diversity and Inclusion Fellow, competitively selected
- 2021 System Dynamics Society Summer School – Intermediate Track – Scholarship
- 2021 WUSTL Liberman Center Award for Excellence in Inclusive and Equitable Community Building awarded to Graduate & Professional Advisory Council
- 2021 UW Summer Institute in Biostatistics Scholarship for Statistical Modeling in Infectious Diseases
- 2018 The Great CTSA Team Science Contest winner, *Engineering Innovation in Health*
- 2018 UW Summer Institute in Biostatistics Scholarship for Training in Statistical Genetics
- 2017 Washington State Public Health Association Scholarship
- 2017 UW Summer Institute in Biostatistics Scholarship for Training in Big Data Analysis
- 2016, 17 Celebrating UW Women: Recognizing the Unique Contributions of UW Women, Nominee
- 2016 UW School of Social Work Conference Travel Funds Award
- 2016 Northwest Public Health Training Center Collaborative Project Funding Award
- 2016 Alzheimer's Association Scholarship for Healthy Brain Research Network Scholars
- 2016 Healthy Brain Research Network (HBRN), Scholar, competitively selected
- 2016 University of Washington Graduate School Fund for Excellence and Innovation Grant
- 2015 MSW Tuition Fellowship, University of Washington School of Social Work

- 2014 Mary Gates Leadership Scholarship, University of Washington
- 2014 Harborview Injury Prevention Research Center, Summer Scholar, competitively selected
- 2014 Em Finlay Eastern Washington Scholarship, Brain Injury Association of Washington
- 2014 TriBeta Biological Honor Society, Member

PROFESSIONAL MEMBERSHIPS

- 2022- The Obesity Society
- 2020- International Network for the Science of Team Science (INSciTS)
- 2020- International Network for Social Network Analysis (INSNA)
- 2020- System Dynamics Society
- 2019- AcademyHealth
- 2018- Washington University Network for Dissemination and Implementation Research (WUNDIR)
- 2018- Systems Science Interest Group (SSIG), Brown School at Washington University in St. Louis
- 2018- Institute of Clinical and Translational Sciences (ICTS)
- 2017- American Public Health Association (APHA)
- 2017 Washington State Public Health Association (WSPHA)
- 2017- Institute of Translational Health Sciences (ITHS)
- 2016- Gerontological Society of America (GSA)

REVIEWER ACTIVITIES

- 2021- *Advances in Social Work*
- 2020- International System Dynamics Conference
- 2020- *American Journal of Public Health*
- 2020- *Journal of Interprofessional Care*
- 2018- *Journal of Public Health*
- 2018- *American Journal of Preventive Medicine*
- 2018- *Journal of Gerontology: Social Sciences*
- 2018- *The Gerontologist*, often mentor a reviewer-in-training
- 2017- *Journal of Public Health*