
LESLIE E. PHILLIPS, PH.D.

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PROFESSIONAL SUMMARY

Experienced epidemiologist specializing in causal inference, exposure risk factors, and medical monitoring plans. Skilled in evaluating risk factors for illness and injury, interpreting scientific literature and real-world data, and employing robust methodologies for risk assessment. Expertise in reviewing medical records, illustrating disease “hotspots” / “clusters” / excess risk areas, statistical analyses, workers’ compensation data, and toxic exposure data.

EDUCATION

Ph.D., Epidemiology, University of Washington, Seattle

Master of Science, Health & Social Behavior, Harvard T.H. Chan School of Public Health

Bachelor of Arts, Plan II Honors, University of Texas, Austin

LEGAL CASE EXPERIENCE

- Michael Pearson, Michael Brandt, Virginia Brandt, James Suter, Silvia Suter and Jeannie Strange v. Port of Morrow, et al. US District Court for the District of Oregon. No. 2:2024cv00362. (June 13, 2024). **Presentation to Plaintiffs’ Attorneys**: “The Epidemiology of Nitrate–Contaminated Drinking Water on Human Health & Creation of Medical Monitoring Plan”.
- Hrouda v. Beal Derkenne Construction, et al. No. CV2019-056354. (May 30, 2024). Court of the State of Arizona County of Maricopa. Prepared **Expert Declaration**.
- Pre-filing. (April 25, 2024). Conducted an **instrument review and benchmarking**; created a **Report** with expert recommendations for the Assessment of Workplace Trauma on behalf of McVeigh Skiff.
- Redda et Ano v. Renton Healthcare Rehabilitation Center et al. No. 23-2-04077-5 KNT. (March 14, 2024). **Deposition Testimony** in the Superior Court of Washington for King County.
- Pre-filing. (December 27, 2023). Drafted **Report** including an epidemiological risk assessment from an occupational, chemical exposure on behalf of Marc J Bern & Partners.
- Collective Bargaining, State of Washington and SEIU 775. (April 2016). Provided **Expert Testimony** on the prevalence and impact of Occupational Injury in Home Care Workers.

PROFESSIONAL EXPERIENCE

Data-Driven LLC - Seattle, WA

Principal, 2020 - Current

- Develop detailed health and research reports on exposure and transmission risks, covering areas such as toxic torts, COVID-19, and worker injury.
- Assess and evaluate the quality of epidemiologic and health economics and outcomes research (HEOR) studies, supporting systematic literature reviews (SLRs) and evidence-based decision-making.
- Recommend instruments and establish benchmarks for assessing health-related outcomes, leading to improved measurement and evaluation standards.
- Analyze and integrate cost and health data to enhance understanding of exposure impacts.
- Manage complex, multi-faceted data and research projects from inception to completion.
- Integrate data from electronic health records (EHRs) and wearable devices (e.g., Fitbit) to provide contextualized research insights.
- Design and select valid instruments for collecting both quantitative and qualitative data, including interviews and focus groups.
- Advise clients on risk assessment and mitigation strategies for infectious diseases including COVID-19, Dengue Fever, Mpox, and pandemic bird flu, building client readiness and response to health crises.

SEIU 775 Benefits Group - Seattle, WA

Senior Director, Epidemiology, 2021

Senior Director, Research Insights & Innovations, 2018 - 2021

Consulting Director, Product Management and Research, 2018

Director, Population Health & Safety, 2014 - 2018

- Established the Research & Insights Team, training and leading researchers in pioneering advances in epidemiologic study methodologies and enhancing population health management by tackling workplace injury, cancer, diabetes, and obesity.
- Collaborated with the Chief Medical Officer to implement population health initiatives, improving health outcomes through focused programs on cancer screening and pandemic response.
- Directed the design, execution, and analysis of observational studies, providing essential data and insights to inform public health strategies and policy decisions.
- Strategized on strategic, personnel, and funding decisions as part of six-member senior leadership team.
- Co-led a combined research and technology client services team of 50 staff who collaborated on a cross-functional approach to addressing internal research and technology needs.
- Spearheaded comprehensive COVID-19 response efforts including infection control, surveillance, and vaccination campaigns, that were pivotal in managing and mitigating virus spread within vulnerable populations and essential workers.
- Successfully designed, advocated for, and secured \$1M/annual funding for a safety benefit to reduce workplace injuries in home care workers.

Urban Indian Health Institute - Seattle, WA

Scientific Director, 2011 - 2014

- Managed a dedicated team of 11, including researchers, project managers, and technology staff, at a nonprofit focused on advancing the health of American Indian and Alaska Native communities through comprehensive research.
- Engaged Geographic Information Systems (GIS) to identify “hotspots” related to disease exposures and outcomes.
- Disseminated and presented cutting-edge research findings in peer-reviewed journals and at national health conferences, significantly contributing to the scientific community's understanding of public health issues.
- Acted as the primary spokesperson for organizational and media communications, effectively articulating and promoting health initiatives to a wide audience.
- Secured a substantial grant renewal for an NIH-funded study, ensuring sustained research and development efforts in public health and research.
- Led clinical audits to evaluate and enhance the efficacy of national diabetes management programs, elevating patient care standards across Tribal Epidemiology Centers.

National Alzheimer's Coordinating Center - Seattle, WA

Research Scientist / Epidemiologist, 2008 - 2011

- Oversaw dementia research projects, publishing findings in reputable journals and presenting results at key conferences, thereby advancing the understanding and treatment of dementia.
- Provided expert consultation on study design and best practices for survey research to a diverse group of clinicians and researchers, improving the quality and reliability of their research outcomes.
- Supported the Methods Committee in determining robust, high-quality methodology to achieve research goals.
- Led the creation of the first-of-its-kind registry for frontal temporal lobe dementias, establishing a critical resource for advancing research and patient care in this area.
- Chaired the Data Quality Assurance Committee and directed multi-site data quality assurance audits, ensuring high standards in data integrity and reliability across studies.

DatStat - Seattle, WA

Research Scientist / Research Manager, 2007 - 2008

- Designed and managed comprehensive frameworks for tracking and analyzing clinical outcomes, facilitating enhanced patient care and research insights across multiple medical specialties.
- Provided expert consultation on study design, instrument development, and survey research for a variety of corporate and academic research projects, elevating the quality and effectiveness of research methodologies.
- Guided data analysis and interpretation, delivering actionable insights for clinical & research decisions.

Axio Research Corporation - Seattle, WA

Epidemiologist / Statistical Analyst, 2006 - 2007

- Supported Data Safety and Monitoring Committees, overseeing the integrity and safety of FDA trials to ensure compliance and protect participant well-being.
- Enhanced trial outcomes by providing critical oversight and expertise in data monitoring for FDA-regulated studies, contributing to the successful execution and conclusion of clinical trials.

Center for Outcomes Research - Worcester, MA

Data Analyst, 1998 - 2000

- Spearheaded the implementation of online data collection and management systems for registries that tracked diverse clinical outcomes in cancer and orthopedic care, improving data accessibility and quality.
- Provided expert guidance to physicians and researchers on the effective use of surgical outcomes data, enhancing their ability to analyze and interpret complex datasets.

TRAINING & DEVELOPMENT

- **Human Research Protection**, Health and Human Services, 2024, 2022
- **AI for Executives**, Robert Reich, 2023
- **Prompt Engineering Certification**, Udemy, Coursera, 2023
- **The Responsible Conduct of Research**, National Institutes of Health, All of Us Data Use Training 2023, 2022
- **Diversity, Equity, and Inclusion Training for Senior Leaders**, Benita Horn, 2021, 2020, 2019
- **Fierce Conversations: How to have difficult conversations constructively**, Fierce Inc., 2021, 2020
- **Media Training**, 2018, 2014

MEMBERSHIPS & SERVICE

- **American Association for the Advancement of Science**, Reviewer (2024), Member (2021-present)
- **Society for Epidemiologic Research**, Member (2022-present)
- **AI4ALL**, Volunteer (2024)
- **Northeast Seattle Together**, Secretary, Co-President, Board Member, Volunteer (2024, 2023, 2022, 2021, 2020)
- **STEM Advantage**, Mentor and Speaker (2022-2022)
- **Neuro-epidemiology**, Peer Reviewer (2018-2020)
- **NW Portland Area IRB**, Scientific Member (2012-2020)

PUBLICATIONS & PRESENTATIONS

- **Phillips, Leslie E.** The Epidemiology of Nitrate-Contaminated Drinking Water on Human Health & the Creation of Medical Monitoring Plan. Presentation to Hagens Berman Sobol Shapiro LLP and Bliven Law Firm, P.C. June 13, 2024.
- Mudie K, Ramiller A, Whittaker S, **Phillips Leslie E.** [Do people with ME/CFS and joint hypermobility represent a disease subgroup? An analysis using registry data.](#) *Frontiers in Neurology*, 15:1324879, March 12, 2024.
- Wang, Xuan; Haeussler, Katrin; Spellman, Anne; **Phillips, Leslie E.**, et al. [Comparative Effectiveness of mRNA-1273 and BNT162b2 COVID-19 Vaccines in Immunocompromised Individuals: A Systematic Review and Meta-Analysis Using the GRADE Framework.](#) *Frontiers in Immunology*, 14:1204831, September 12, 2023.
- **Phillips, Leslie E.** [Exploring Solve Together: A Real-World Data Platform for Long Covid and ME/CFS.](#) Gold Circle Webinar, August 30, 2023.
- **Phillips, Leslie E.**; Dhillon, Paul; Kotas, Andrew; Kusler, Renee; Shih, Jeffrey; Kause, Juliane. [Film Production During the Covid-19 Pandemic.](#) *Occupational Medicine*, 72(9): 684-691.
- **Phillips, Leslie E.** Epidemiologic Principles for Travel Medicine. Lecture for Continuing Professional Development, Everbridge UK Medical Team, May 22, 2022.
- **Phillips, Leslie E.** [Health-Procedure Delays: At-home tests can help.](#) [Letter to the Editor]. *The Seattle Times*, February 16, 2022.
- Hansell AK, Knaster ES, **Phillips, Leslie E.** [Injury Among Home Care Workers in Washington State.](#) *New Solutions*, 27(4):543-558, February 2018.
- Schoenfisch AL, Lipscomb H, **Phillips, Leslie E.** [Safety of union home care aides in Washington State.](#) *American Journal of Industrial Medicine*, 60(9):798-810, September 2017.
- Knaster, ES; Fretts, AM; **Phillips, Leslie E.** [The Association of Depression with Diabetes Management Among Urban American Indians/Alaska Natives in the United States,](#) 2011. *Ethnicity & Disease*, 25(1):83-89, 2015.

- **Phillips, Leslie E**, et al. Family history, demographics, and genetic characteristics of symptomatic and non-symptomatic subjects with neuropathological Alzheimer's disease in the National Alzheimer's Coordinating Center (NACC) datasets. Talk and Session Chair at International Conference on Alzheimer's Disease, Honolulu, July 13, 2010.
- **Phillips, Leslie E**; Koepsell TD. Refusal and Passive Loss-to-Follow-Up in the NIA Alzheimer's Disease Program Uniform Data Set. Talk delivered to: Alzheimer's Disease Centers Methods and Data Group, Fall 2008 Meeting, Salt Lake City, September 20, 2008.
- **Phillips, Leslie E**; Kulp, Dale; Voigt, Lynda. Bank List-Assisted Calling: An Alternative To Mitofsky-Waksberg Random Digit Dialing In Control Recruitment. Society for Epidemiologic Research Annual Conference, Seattle, June 2006.
- **Phillips, Leslie E**; Longstreth, WT, Jr.; Koepsell, T; Custer, BS; Kukull, WA; van Belle, G. [Active and Passive Cigarette Smoking and Risk of Intracranial Meningioma](#). Neuroepidemiology, 24(3):117-122, 2005.
- **Phillips, Leslie E**; Frankenfeld, CL; Drangsholt, M; Koepsell, TD; van Belle, G; Longstreth, WT. [Intracranial Meningioma and Ionizing Radiation in Medical and Occupational Settings](#). Neurology, 64(2):350-352, 2005.
- Longstreth WT Jr, **Phillips, Leslie E**, Drangsholt M, Koepsell TD, Custer BS, Gehrels JA, van Belle G. [Dental X-rays and the Risk of Intracranial Meningioma: a Population-Based Case-Control Study](#). Cancer, 100(5):1026-1034, March 1, 2004.
- **Phillips, Leslie E**; Koepsell TD; van Belle G; Kukull B; Gehrels J-A; Longstreth WT Jr. History of Head Trauma and Risk of Intracranial Meningioma. Neurology, 58(12):1849-1852, June 25, 2002.
- Chang SM, Barker FG 2nd, Schmidt MH, Sloan AE, Kasper R, **Phillips, Leslie E**, Shih K, Hariharan S, Berger MS. [Clinical trial participation among patients enrolled in the Glioma Outcomes Project](#). Cancer, 94(10):2681-2687, May 15, 2002.