SANDY GRIFFITH, PhD

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BIOSTATISTICIAN AND REAL-WORLD EVIDENCE SCIENTIST

Biostatistician with over a decade of experience in biomedical research and expertise in real-world evidence, patient-reported outcomes, oncology, neurology, and health equity. Ability to lead publications and collaborative research across cross-functional teams.

SKILLS

Research | Real-world Evidence | Patient-Reported Outcomes | Biostatistics | Health Equity

EXPERIENCE

Independent Consultant   **2025 - Present**

Flatiron Health   **2015 – 2024**
Director/Principal Quantitative Scientist
- Early member of the quantitative sciences team who helped grow the team from 2 to over 50.
- Led research and publications on the development and validation of real-world endpoints.
- As a founding member of the Flatiron-Foundation Medicine Insights Lab, led research focused on health equity and drug development.
- Managed a diverse team including quantitative sciences, software engineering, and design.

Cleveland Clinic/Case Western Reserve University   **2012 – 2015**
Assistant Professor of Medicine/Assistant Staff
- Conducted independent and collaborative research focused on patient-reported outcomes and EHR data across multiple therapeutic areas, including neurology, psychiatry, and cardiovascular.
- Taught medical students and supervised master's-level biostatisticians.

EDUCATION

Doctor of Philosophy (PhD) in Biostatistics | University of Pennsylvania

Master of Science (MS) in Biomedical Science | Drexel University

SELECTED PUBLICATIONS

Full list of over 35 peer-reviewed publications available on Google Scholar
- **Griffith SD**, et al (2015). Incorporating patient-reported outcome measures into the electronic health record for research: Application using the Patient Health Questionnaire. Quality of Life Research 24(2):295–303.doi:10.1007/s11136-014-0764-y.
- **Griffith SD**, et al (2019). Generating real-world tumor burden end-points from electronic health record data: Comparison of RECIST, radiology-anchored, and clinician-anchored approaches for abstracting real-world progression in non-small cell lung cancer. Adv Ther 36, 2122–2136. doi:10.1007/s12325-019-00970-1.
- Benedum, CM, Sarkar, S, Bozkurt, S, Bhagat, R, Richie, N, Lavery, B and **Griffith, S.D.** (2025), POP-REFINE: A Comprehensive Framework for Evaluating and Optimizing Representativeness in Clinical Trials. Clin Pharmacol Ther. https://doi.org/10.1002/cpt.3543