

Rebecca Wilson-Candidate for Secretary



Employment:

Current Positions (As of Date): Principal Scientist II Biostatistics

Prior Positions: Senior Statistician, Principal Statistician, Lead Data Scientist

Education:

University of North Carolina at Chapel Hill, Chapel Hill, NC/USA
2018, Biostatistics, Doctor of Public Health

Smith College, Northampton, MA/USA
2010, Mathematics and Statistics, Post-Baccalaureate

Bowdoin College, Brunswick, ME/USA
2007, Spanish and Pre-Medical Studies, Bachelor of Arts

Professional Innovation and Accomplishments (etc. research, teaching, management, leadership, and team-building):

Research Interests: I focus on applied statistical practice for clinical trials, using established methods, rigorously evaluating their fit for purpose in regulatory and operational settings. My work emphasizes estimand-driven analysis, adaptive trial designs, and pragmatic approaches that integrate real-world data to solve practical trial challenges. I assess candidate methods for robustness, interpretability, and regulatory acceptability via simulation studies, preplanned sensitivity analyses, and diagnostic checks, then translate findings into clear SAP language and operational recommendations. I prioritize reproducible workflows, validated analysis code, and templates that enable rapid, defensible decision-making by key stakeholders.

When I reflect on my professional journey, I think a lot about the advisors, mentors, sponsors, and friends who have supported me along the way. I'm grateful for what these individuals poured into me as their support helped shape my career path and avoid potential setbacks on the journey. They will always be a part of my success story. In turn, I strive to give back to others as an expression of gratitude to my supporters. Serving as ENAR Secretary would be both an honor and a meaningful way to support the community that supported me.

Publications:

Laurent Peyrin-Biroulet Jessica, R. Allegretti David, T. Rubin, Brian Bressler, Matthew Germinaro, Kuan-Hsiang (Gary) Huang, Nicole Shipitofsky, Hongyan Zhang, Rebecca Wilson
Guselkumab in Patients With Moderately to Severely Active Ulcerative Colitis: QUASAR Phase 2b Induction Study
Gastroenterology, 2023; 165, 1443-1457

LaVange, L, Davis, SM, Hankinson, J, Enright, P, Wilson, R, Barr, RG, Aldrich, TK, Kalhan, R, Lemus, H, Ni, A, Smith, LJ & Talavera, GA 2017, 'Spirometry reference equations from the HCHS/SOL (Hispanic community health study/study of Latinos)', *American journal of respiratory and critical care medicine*, vol. 196, no. 8, pp. 993-1003. <https://doi.org/10.1164/rccm.201610-1987OC>

Honors Include:

Service to the Profession (etc. ENAR and other professional societies):

Editorial Activities:

Service and Committee Work for the Profession:

ENAR RAB, Community Committee, ENAR 360 Committee Chair, Fostering Excellence in Biostatistics Workshop planning Committee

ASA BIOP Scholarship Committee Chair, ASA BIOP WSDS Travel Award Chair, ASA BIOP Mentoring Committee Chair, ASA Diversity Workshop and Mentoring Program Committee (DWMP), DWMP mentor

Additional Leadership Roles:

Urban League of Greater Philadelphia member and volunteer, Bowdoin College Alumni Council, Career Engagement Chair; Bowdoin Class of 2007 Agent,

Candidate Platform:

What is your vision for ENAR? Is there anything you'd like to see accomplished?:

Having been an ENAR member since graduate school and volunteered across multiple roles, I've seen firsthand how the organization shapes careers, builds community, and translates statistics into practice. My vision centers on preserving that supportive culture while modernizing ENAR's communications, records, and member services so we better serve students, early-career professionals, and statisticians across sectors.

As ENAR is an organization built on volunteerism, I'd like to see our volunteer and mentor pipelines strengthened. Let's make it easier for students and early-career members to find short- or long-term, meaningful volunteer roles and pair them with experienced mentors to help them successfully onboard.

