Sylvia Bereknyei Merrell
Research Scholar, Surgery

Bio

Sylvia Bereknyei Merrell, DrPH, MS is a Research Scholar of the S-SPIRE Center. She has over 14 years experience in high-level support of research projects at Stanford, including research design, implementation and dissemination, specifically, qualitative and mixed methods research. She has significant content expertise in the following research areas: patient-physician communication, intraoperative team communication, and language barriers. Dr. Merrell also works closely with educators to design and implement medical education curricula and research across the learning spectrum. Additional interests include capacity building in research methodology for medical students, residents, fellows, and faculty.

CURRENT ROLE AT STANFORD

Research Director of the Goodman Surgical Education Center, mentoring the Surgical Education Fellows in medical education research principles and endeavors. In addition, providing support to Department of Surgery medical education programs. Through the Stanford-Surgery Policy Improvement and Research Education Center (S-SPIRE), supports health services research, focusing on mixed methods and qualitative inquiries.

EDUCATION AND CERTIFICATIONS

• DrPH, University of California, Berkeley, Doctor of Public Health (2012)
• MS, Stanford University, Anthropological Sciences (2004)
• BA, Stanford University, Human Biology (2004)

Publications

PUBLICATIONS

  Bidwell, S. S., Merrell, S. B., Poles, G., Morris, A. M.
  2020; 63 (2): 190–99

• Drivers, Beliefs, and Barriers Surrounding Surgical Opioid Prescribing: A Qualitative Study of Surgeons’ Opioid Prescribing Habits. The Journal of surgical research
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• Flipping the Boot Camp: A Multidisciplinary Curriculum for Incoming Interns
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• Unavoidable Risks: Local Perspectives on Water Contact Behavior and Implications for Schistosomiasis Control in an Agricultural Region of Northern Senegal. The American journal of tropical medicine and hygiene
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• Qualitative outcomes of Clean Cut: implementation lessons from reducing surgical infections in Ethiopia. BMC health services research
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- Tracking Surgical Education Survey Research Through the APDS Listserv. Journal of surgical education
  Anderson, T. N., Lee, E. W., Merrell, S. B., Korndorffer, J. R.
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- Challenges of infertility genetic counseling: Impact on counselors' personal and professional lives JOURNAL OF GENETIC COUNSELING
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- Combating Child Summer Food Insecurity: Examination of a Community-Based Mobile Meal Program. Journal of community health
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  2019

- Local and Visiting Physician Perspectives on Short Term Surgical Missions in Guatemala: A Qualitative Study. Annals of surgery
  2019

- Attending Surgeons Differ From Other Team Members in Their Perceptions of Operating Room Communication. The Journal of surgical research
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- Attending Surgeons Differ From Other Team Members in Their Perceptions of Operating Room Communication JOURNAL OF SURGICAL RESEARCH
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  Waliany, S., Caceres, W., Merrell, S. B., Thadaney, S., Johnstone, N., Osterberg, L.
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- Service through surgery: A quasi-experimental comparison study on the impact of a preclinical seminar course on diverse mentorship and attitudes towards the underserved. American journal of surgery
  2019

- Perception and confidence of medical students in informed consent: A core EPA. Surgery
  2019

- Education Research: Understanding barriers to goals of care communication for neurology trainees. Neurology
  Goyal, T., Hasty, B. N., Bereknyei Merrell, S., Gold, C. A.
  2019; 93 (8): 362–66

- Validity Evidence for a Knowledge Assessment Tool for a Mastery Learning Scrub Training Curriculum. Academic medicine : journal of the Association of American Medical Colleges
  Hasty, B. N., Lau, J. N., Tekian, A., Miller, S. E., Shipper, E. S., Bereknyei Merrell, S., Lee, E. W., Park, Y. S.
  2019

  2018; 14: 10775
• Exploring the Medical and Psychosocial Concerns of Adolescents and Young Adults With Craniofacial Microsomia: A Qualitative Study. CLEFT PALATE-CRANIOFACIAL JOURNAL
  Hamilton, K. V., Ormond, K. E., Moscarello, T., Bruce, J. S., Merrell, S., Chang, K. W., Bernstein, J. A.
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• Psychologist-Facilitated Group Sessions for Residents: A Worthwhile Investment?
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• Emotional Intelligence as a Possible Safeguard to Surgeon Wellness
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• Surgeon Emotional Intelligence Is StronglyCorrelated with Patient Satisfaction
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• The long-term impact of a comprehensive scholarly concentration program in biomedical ethics and medical humanities BMC MEDICAL EDUCATION
  Liu, E., Batten, J., Merrell, S., Shafer, A.
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• Use of an Emergency Manual During an Intraoperative Cardiac Arrest by an Interprofessional Team: A Positive-Exemplar Case Study of a New Patient Safety Tool JOURNAL OF QUALITY AND PATIENT SAFETY
  2018; 44 (8): 477–84

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• **Finding the Words: Medical Students’ Reflections on Communication Challenges in Clinic** *FAMILY MEDICINE*
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  Liebert, C. A., Mazer, L., Bereknyei Merrell, S., Lin, D. T., Lau, J. N.
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• **Training Health Care Professionals for 21st-Century Practice: A Systematic Review of Educational Interventions on Chronic Care** *ACADEMIC MEDICINE*
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• **Service-Based Learning for Residents: A Success for Communities and Medical Education.** *Family medicine*
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- The prevalence of social and behavioral topics and related educational opportunities during attending rounds. *Academic medicine*

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- Measuring Informed Decision Making about Prostate Cancer Screening in Primary Care. *MEDICAL DECISION MAKING*

- MEASURING INFORMED DECISION MAKING RELATED TO PROSTATE CANCER SCREENING IN PRIMARY CARE
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- Beyond Knowledge, Toward Linguistic Competency: An Experiential Curriculum. *JOURNAL OF GENERAL INTERNAL MEDICINE*
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