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

- 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.
  2019

- Challenges of infertility genetic counseling: Impact on counselors’ personal and professional lives *JOURNAL OF GENETIC COUNSELING*
  Liker, K., Black, L., Weil, J., Bruce, J., Merrell, S., Bivona, S., Ormond, K. E.
  2019; 28 (3): 626–40

- Combating Child Summer Food Insecurity: Examination of a Community-Based Mobile Meal Program. *Journal of community health*
  Bruce, J. S., De La Cruz, M. M., Lundberg, K., Vesom, N., Aguayo, J., Merrell, S. B.
  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*
  Grade, M. M., Tamboli, M. K., Bereknyei Merrell, S., Mueller, C., Girod, S.
  2019; 235: 105–12
• Challenges of infertility genetic counseling: Impact on counselors' personal and professional lives. *Journal of genetic counseling*
Liker, K., Black, L., Weil, J., Bruce, J., Bereknyei Merrell, S., Bivona, S., Ormond, K. E.
2019

• Attending Surgeons Differ From Other Team Members in Their Perceptions of Operating Room Communication *JOURNAL OF SURGICAL RESEARCH*
Grade, M. M., Tamboli, M. K., Merrell, S., Mueller, C., Girod, S.
2019; 235: 105–12

• Preclinical curriculum of prospective case-based teaching with faculty- and student-blinded approach *BMC MEDICAL EDUCATION*
Waliany, S., Caceres, W., Merrell, S., Thadaney, S., Johnstone, N., Osterberg, L.
2019; 19

• Preclinical curriculum of prospective case-based teaching with faculty- and student-blinded approach. *BMC medical education*
Waliany, S., Caceres, W., Merrell, S. B., Thadaney, S., Johnstone, N., Osterberg, L.
2019; 19 (1): 31

• 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

• Introductory Surgical Skills Course: Technical Training and Preparation for the Surgical Environment. *MedEdPORTAL : the journal of teaching and learning resources*
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.
2018; 55 (10): 1430–39

ELSEVIER SCIENCE INC.2018: E53–E54

• Medical Student Mistreatment: Coping Strategies and Resilience on the Surgery Clerkship *Hasty, B. N., Merrell, S., Brandford, E. C., Lee, E. W., Lau, J. N.*
ELSEVIER SCIENCE INC.2018: E207–E208

ELSEVIER SCIENCE INC.2018: S145

ELSEVIER SCIENCE INC.2018: S164–S165

• 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.
2018; 18: 204

• 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 *JOINT COMMISSION JOURNAL ON QUALITY AND PATIENT SAFETY*
2018; 44 (8): 477–84

• Assessment of Programs Aimed to Decrease or Prevent Mistreatment of Medical Trainees *JAMA NETWORK OPEN*
Mazer, L. M., Merrell, S., Hasty, B. N., Stave, C., Lau, J. N.
2018; 1 (3)
- Early Childhood Learning and the Pediatrician: A Qualitative Study Among Diverse, Low-Income Caregivers. *Journal of Developmental and Behavioral Pediatrics*
  Steinberg, J., Bruce, J. S., Marin-Nevarez, P., Phan, K., Merrell, S., Chamberlain, L. J.
  2018; 39 (5): 376–86

- Interprofessional Collaboration: A Qualitative Study of Non-Physician Perspectives on Resident Competency. *Journal of General Internal Medicine*
  Garth, M., Millet, A., Shearer, E., Stafford, S., Merrell, S., Bruce, J., Schilling, E., Aaronson, A., Svec, D.
  2018; 33 (4): 487–92

- Early Childhood Learning and the Pediatrician: A Qualitative Study Among Diverse, Low-Income Caregivers. *Journal of Developmental and Behavioral Pediatrics*
  Steinberg, J. R., Bruce, J. S., Marin-Nevarez, P., Phan, K., Merrell, S. B., Chamberlain, L. J.
  2018

- Determining the educational value of a technical and nontechnical skills medical student curriculum. *The Journal of Surgical Research*
  Shipper, E. S., Miller, S. E., Hasty, B. N., De La Cruz, M. M., Merrell, S. B., Lin, D. T., Lau, J. N.
  2018; 225: 157–65

- Promoting student case creation to enhance instruction of clinical reasoning skills: a pilot feasibility study. *Advances in Medical Education and Practice*
  Chandrasekar, H., Gesundheit, N., Nevins, A. B., Pompei, P., Bruce, J., Merrell, S. B.
  2018; 9: 249–57

- Assessment of Programs Aimed to Decrease or Prevent Mistreatment of Medical Trainees. *JAMA Network Open*
  Mazer, L. M., Bereknyei Merrell, S., Hasty, B. N., Stave, C., Lau, J. N.
  2018; 1 (3): e180870

- Information-Seeking about Anxiety and Perceptions about Technology to Teach Coping Skills in Older Veterans. *Clinical Gerontologist*
  Zapata, A. L., Beaudreau, S. A., O'Hara, R., Merrell, S., Bruce, J., Garrison-Diehn, C., Gould, C. E.
  2018; 41 (4): 346–56

- Exploring the Medical and Psychosocial Concerns of Adolescents and Young Adults With Craniofacial Microsomia: A Qualitative Study. *The Cleft Palate-Craniofacial Journal: Official Publication of the American Cleft Palate-Craniofacial Association*
  Hamilton, K. V., Ormond, K. E., Moscarello, T., Bruce, J. S., Bereknyei Merrell, S., Chang, K. W., Bernstein, J. A.
  2018; 1055665618768542

- Promoting student case creation to enhance instruction of clinical reasoning skills: a pilot feasibility study. *Advances in Medical Education and Practice*
  Chandrasekar, H., Gesundheit, N., Nevins, A. B., Pompei, P., Bruce, J., Bereknyei Merrell, S.
  2018; 2018 (9): 249-257

- Medical student perceptions of a mistreatment program during the surgery clerkship. *American Journal of Surgery*
  Hasty, B. N., Miller, S. E., Bereknyei Merrell, S., Lin, D. T., Shipper, E. S., Lau, J. N.
  2018

- Development of a video-delivered relaxation treatment of late-life anxiety for veterans. *International Psychogeriatrics*
  Gould, C. E., Zapata, A. M., Bruce, J., Bereknyei Merrell, S., Wetherell, J. L., O'Hara, R., Kuhn, E., Goldstein, M. K., Beaudreau, S. A.
  2017: 1-13

- Implementation of a Needs-Based, Online Feedback Tool for Anesthesia Residents With Subsequent Mapping of the Feedback to the ACGME Milestones. *Anesthesia and Analgesia*
  2017; 124 (2): 627-635

- A Pilot Study of the Chronology of Present Illness: Restructuring the HPI to Improve Physician Cognition and Communication. *Journal of General Internal Medicine*
  Mazer, L. M., Storage, T., Bereknyei, S., Chi, J., Skeff, K.
  2017; 32 (2): 182-188

- Implementation of a Needs-Based, Online Feedback Tool for Anesthesia Residents With Subsequent Mapping of the Feedback to the ACGME Milestones. *Anesthesia and Analgesia*
A Mixed-Methods Analysis of a Novel Mistreatment Program for the Surgery Core Clerkship. *Academic medicine*
2017

Patient-Centered Care Challenges and Surprises: Through the Clerkship Students’ Eyes. *Family medicine*
Boggiano, V. L., Wu, Y., Bruce, J. S., Merrell, S. B., Schillinger, E.
2017; 49 (1): 57-61

Pilot evaluation of the Computer-Based Assessment for Sampling Personal Characteristics test. *The Journal of surgical research*
Shipper, E. S., Mazer, L. M., Merrell, S. B., Lin, D. T., Lau, J. N., Melcher, M. L.
2017; 215: 211–18

Actual and Standardized Patient Evaluations of Medical Students' Skills. *Family medicine*
Sattler, A. L., Merrell, S. B., Lin, S. Y., Schillinger, E.
2017; 49 (7): 548–52

Underlying mechanisms of mistreatment in the surgical learning environment: A thematic analysis of medical student perceptions. *American journal of surgery*
Brandford, E., Hasty, B., Bruce, J. S., Bereknyei Merrell, S., Shipper, E. S., Lin, D. T., Lau, J. N.
2017

Evaluation of a technical and nontechnical skills curriculum for students entering surgery. *The Journal of surgical research*
Shipper, E. S., Miller, S. E., Hasty, B. N., Merrell, S. B., Lin, D. T., Lau, J. N.
2017; 219: 92–97

Patient-Centered Care Challenges and Surprises *FAMILY MEDICINE*
Boggiano, V. L., Wu, Y., Bruce, J. S., Merrell, S. B., Schillinger, E.
2017; 49 (1): 57-61

The socioeconomic impact of international aid: a qualitative study of healthcare recovery in post-earthquake Haiti and implications for future disaster relief *GLOBAL PUBLIC HEALTH*
Kligerman, M., Walmer, D., Merrell, S. B.
2017; 12 (5): 531-544

Finding the Words: Medical Students’ Reflections on Communication Challenges in Clinic *FAMILY MEDICINE*
Braverman, G., Merrell, S. B., Bruce, J. S., Makoul, G., Schillinger, E.
2016; 48 (10): 775-783

Student perceptions of a simulation-based flipped classroom for the surgery clerkship: A mixed-methods study. *Surgery*
Liebert, C. A., Mazer, L., Bereknyei Merrell, S., Lin, D. T., Lau, J. N.
2016; 160 (3): 591-598

Emergency Manual Uses During Actual Critical Events and Changes in Safety Culture From the Perspective of Anesthesia Residents: A Pilot Study. *Anesthesia and analgesia*
Goldhaber-Fiebert, S. N., Pollock, J., Howard, S. K., Bereknyei Merrell, S.
2016; 123 (3): 641-649

Effectiveness of the Surgery Core Clerkship Flipped Classroom: a prospective cohort trial *AMERICAN JOURNAL OF SURGERY*
Liebert, C. A., Lin, D. T., Mazer, L. M., Bereknyei, S., Lau, J. N.
2016; 211 (2): 451-U214

Impact of an Innovative Classroom-Based Lecture Series on Residents’ Evaluations of an Anesthesiology Rotation. *Anesthesiology research and practice*
2016; 2016: 8543809-?

Behavioral and Social Sciences for Personalized Medicine: Teaching with Novel Methods. *Academic psychiatry*
Louie, A. K., Merrell, S. B., Beresin, E. V., Balon, R., Coverdale, J. H., Roberts, L. W.
2015; 39 (6): 609-612
• The socioeconomic impact of international aid: a qualitative study of healthcare recovery in post-earthquake Haiti and implications for future disaster relief. *Global public health*
  Kligerman, M., Walmer, D., Merrell, S. B.
  2015: 1-14

• Training Health Care Professionals for 21st-Century Practice: A Systematic Review of Educational Interventions on Chronic Care *ACADEMIC MEDICINE*
  2015; 90 (11): 1561-1572

• Service-Based Learning for Residents: A Success for Communities and Medical Education. *Family medicine*
  Gefter, L., Merrell, S. B., Rosas, L. G., Morioka-Douglas, N., Rodríguez, E.
  2015; 47 (10): 803-806

• Elevating the Behavioral and Social Sciences in Premedical Training: MCAT2015 *ACADEMIC PSYCHIATRY*
  Roberts, L. W., Louie, A. K., Goldsmith, M., Tait, G. R., Balon, R., Beresin, E. V., Bereknyei, S., Coverdale, J. H.
  2015; 9 (2): 127-131

• Emergency manual implementation: can brief simulation-based or staff trainings increase familiarity and planned clinical use? *Joint Commission journal on quality and patient safety / Joint Commission Resources*
  Goldhaber-Fiebert, S. N., Lei, V., Nandagopal, K., Bereknyei, S.
  2015; 41 (5): 212-217

• The Impact of a Faculty Development Program in Health Literacy and Ethnogeriatrics *ACADEMIC MEDICINE*
  Evans, K. H., Bereknyei, S., Yeo, G., Hikoyeda, N., Tzoung, M., Braddock, C. H.
  2014; 89 (12): 1640-1644

• The Prevalence of Social and Behavioral Topics and Related Educational Opportunities During Attending Rounds *ACADEMIC MEDICINE*
  2014; 89 (11): 1548-1557

• The prevalence of social and behavioral topics and related educational opportunities during attending rounds. *Academic medicine*
  2014; 89 (11): 1548-1557

• New elements for informed decision making: A qualitative study of older adults' views *PATIENT EDUCATION AND COUNSELING*
  Price, E. L., Bereknyei, S., Kuby, A., Levinson, W., Braddock, C. H.
  2012; 86 (3): 335-341

• Measuring Informed Decision Making about Prostate Cancer Screening in Primary Care *MEDICAL DECISION MAKING*
  2012; 32 (2): 327-336

• MEASURING INFORMED DECISION MAKING RELATED TO PROSTATE CANCER SCREENING IN PRIMARY CARE
  Leader, A., Daskalakis, C., Braddock, C., Kunkel, E., Cocroft, J., Bereknyei, S., Riggio, J., Capkin, M., Myers, R.
  SPRINGER,2011: S38

• Does Cultural Competency Training of Health Professionals Improve Patient Outcomes? A Systematic Review and Proposed Algorithm for Future Research *JOURNAL OF GENERAL INTERNAL MEDICINE*
  Lie, D. A., Lee-Rey, E., Gomez, A., Bereknyei, S., Braddock, C. H.
  2011; 26 (3): 317-325

• Measuring informed decision making about prostate cancer screening in primary care. *Medical decision making : an international journal of the Society for Medical Decision Making*
  2011; 32 (2): 327–36

• Longitudinal development of medical students' communication skills in interpreted encounters. *Education for health (Abingdon, England)*
  Lie, D. A., Bereknyei, S., Vega, C. P.
  2010; 23 (3): 466-?
• **Relationships of the Location and Content of Rounds to Specialty, Institution, Patient-Census, and Team Size** *PLOS ONE*
  Priest, J. R., Bereknyei, S., Hooper, K., Braddock, C. H.
  2010; 5 (6)

• **Beyond Knowledge, Toward Linguistic Competency: An Experiential Curriculum** *JOURNAL OF GENERAL INTERNAL MEDICINE*
  2010; 25: S155-S159

• **Surmounting the Unique Challenges in Health Disparities Education: A Multi-Institution Qualitative Study** *JOURNAL OF GENERAL INTERNAL MEDICINE*
  Carter-Pokras, O., Bereknyei, S., Lie, D., Braddock, C. H.
  2010; 25: S108-S114

• **Assessing Medical Students' Skills in Working With Interpreters During Patient Encounters: A Validation Study of the Interpreter Scale** *ACADEMIC MEDICINE*
  Lie, D., Bereknyei, S., Braddock, C. H., Encinas, J., Ahearn, S., Boker, J. R.
  2009; 84 (5): 643-650

• **Learning Outcomes of a Web Module for Teaching Interpreter Interaction Skills to Pre-clerkship Students** *FAMILY MEDICINE*
  Lie, D., Bereknyei, S., Kalet, A., Braddock, C.
  2009; 41 (4): 234-235

• **"Surgery is certainly one good option": quality and time-efficiency of informed decision-making in surgery** *Journal of Bone and Joint Surgery. American volume*
  2008; 90 (9): 1830-1838

• **"Surgery Is Certainly One Good Option": Quality and time-efficiency of informed decision-making in surgery** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
  2008; 90A (9): 1830-1838

• **Informed decision-making and colorectal cancer screening - Is it occurring in primary care?** *30th Annual Meeting of the Society-of-General-Internal-Medicine*
  LIPPINCOTT WILLIAMS & WILKINS.2008: S23–S29

• **"It's Not What You Say..." - Racial disparities in communication between orthopedic surgeons and patients** *MEDICAL CARE*
  2008; 46 (4): 410-416

• **Validating measures of third year medical students’ use of interpreters by standardized patients and faculty observers** *JOURNAL OF GENERAL INTERNAL MEDICINE*
  Lie, D., Boker, J., Bereknyei, S., Ahearn, S., Fesko, C., Lenahan, P.

• **Toward shared decision making at the end of life in intensive care units - Opportunities for improvement** *ARCHIVES OF INTERNAL MEDICINE*
  White, D. B., Braddock, C. H., Bereknyei, S., Curtis, J. R.
  2007; 167 (5): 461-467