



Kimberly Schertzer

Clinical Associate Professor, Emergency Medicine

CLINICAL OFFICE (PRIMARY)

- **Stanford Dept of Emergency Medicine**

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Bio

BIO

Kimberly Schertzer is the Director of Emergency Medicine Simulation at Stanford. She is fellowship-trained in Simulation and earned a Masters in Healthcare Simulation from the University of Alabama-Birmingham. Dr. Schertzer currently directs the Stanford EM Simulation Fellowship. Her professional interests include using simulation to improve communication skills and mitigate skill decay. She has particular expertise in Mastery Learning for procedural training, and she is passionate about clinical event debriefing, procedural skills maintenance, and in situ simulation. She is eager to collaborate with those who share those passions.

Other Notable Roles:

- Executive Coach, COACHME Office, Stanford
- ABEM Oral Board Examiner
- SAEM Fellowship Approval Committee — Simulation Subcommittee Chair
- Co-Lead Introduction to the Medically Ill Patient Course, Stanford School of Medicine
- Associate Mentor, Stanford Emergency Medicine
- Residency and Medical Student Coach, Stanford Emergency Medicine
- SHC Coaching Collaborative Member, Stanford GME Office

CLINICAL FOCUS

- Emergency Medicine

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Emergency Medicine

ADMINISTRATIVE APPOINTMENTS

- Assistant Director of Residency Coaching, Stanford Emergency Medicine Residency Program, (2025- present)

- Executive Coach, Stanford COACHME Office, (2024- present)
- Emergency Medicine Director of Simulation, Department of Emergency Medicine, (2019- present)
- Emergency Medicine Simulation Fellowship Director, Department of Emergency Medicine, (2016- present)

HONORS AND AWARDS

- Outstanding Educator Award, Stanford Department of Emergency Medicine (2019)
- Quarterly Bedside Teaching Award, Stanford-Kaiser Emergency Medicine Residency Program (2011)
- Bedside Teaching Award, Stanford-Kaiser Emergency Medicine Residency Program (2014)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Simulation Subcommittee Chair ,Fellowship Approval Committee, Society for Academic Emergency Medicine (2021 - present)
- Fellow, American College of Emergency Physicians (2012 - present)
- Member, Fellowship Approval Committee, Society for Academic Emergency medicine (2018 - present)
- Board of Directors, Simulation Academy, Society for Academic Emergency Medicine (2017 - 2019)

PROFESSIONAL EDUCATION

- MS, University of Alabama-Birmingham , Healthcare Simulation (2021)
- Residency: Stanford University Medical Center (2008) CA
- Board Certification: Emergency Medicine, American Board of Emergency Medicine (2009)
- Medical Education: Pennsylvania State University (2005) PA

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Interests include simulation for procedural training, faculty development, and teamwork.

PROJECTS

- Undergraduate Classes - Introduction to the Management of the Ill Patient - Stanford University School of Medicine

Publications

PUBLICATIONS

- **Procedural Skills and Emergency Medicine Common Program Requirements: It's Time to Address Skill Decay.** *AEM education and training*
Pokrajac, N., Schertzer, K., Hsu, D., Sebok-Syer, S. S.
2025; 9 (4): e70081
- **Assessing Team Performance: A Mixed-Methods Analysis Using Interprofessional in situ Simulation.** *The western journal of emergency medicine*
Rider, A. C., Williams, S. R., Jones, V., Rebagliati, D., Schertzer, K., Gisondi, M. A., Sebok-Syer, S. S.
2024; 25 (4): 557-564
- **Implementation of a pediatric in situ, train-the-trainer simulation program in general emergency departments.** *AEM education and training*
Schertzer, K., Wang, N. E., Khanna, K., Lee, M. O.
2023; 7 (1): e10843
- **Creating a Safe Space for Simulation: Is it Time to Stop Calling Them Confederates?** *Simulation in healthcare : journal of the Society for Simulation in Healthcare*
Preiksaitis, C. M., Lee, M. O., Schertzer, K.
2022

- **19-Year-Old with Sudden Onset Left Testicular Pain.** *Clinical practice and cases in emergency medicine*
Small, E., Ashenburg, N., Schertzer, K.
2022; 6 (4): 327-329
- **The OSSE: Development and validation of an "Objective Structured Supervision Evaluation".** *AEM education and training*
Pokrajac, N., Roszczynialski, K. N., Rider, A., Poffenberger, C. M., Williams, S., Eakin, M. K., Sapp, R. W., Jenkins, E., Gisondi, M. A., Schertzer, K.
2022; 6 (4): e10784
- **The OSSE: Development and validation of an "Objective Structured Supervision Evaluation"** *AEM EDUCATION AND TRAINING*
Pokrajac, N., Roszczynialski, K. N., Rider, A., Poffenberger, C., Williams, S., Eakin, M., Sapp, R. W., Jenkins, E., Gisondi, M. A., Schertzer, K.
2022; 6 (4)
- **From intern to "accepted": A guide to preparing for fellowship in emergency medicine.** *AEM education and training*
Schnapp, B. H., Cassara, M., Fisher, J., Guttman, J., Kayden, S., Kivlehan, S. M., Kuzel, A. R., Reznick, M. A., Schertzer, K., Sun, W. W., Rathlev, N.
2022; 6 (Suppl 1): S23-S31
- **From intern to "accepted": A guide to preparing for fellowship in emergency medicine** *AEM EDUCATION AND TRAINING*
Schnapp, B. H., Cassara, M., Fisher, J., Guttman, J., Kayden, S., Kivlehan, S. M., Kuzel, A. R., Reznick, M. A., Schertzer, K., Sun, W. W., Rathlev, N.
2022; 6: S23-S31
- **A mixed-methods needs assessment to identify pharmacology education objectives for emergency medicine residents.** *Journal of the American College of Emergency Physicians open*
Rider, A. C., Dang, B. T., Caretta-Weyer, H. A., Schertzer, K. A., Gisondi, M. A.
2022; 3 (2): e12682
- **Assessment of Entrustable Professional Activities Using a Web-Based Simulation Platform During Transition to Emergency Medicine Residency: Mixed Methods Pilot Study.** *JMIR medical education*
Peng, C. R., Schertzer, K. A., Caretta-Weyer, H. A., Sebok-Syer, S. S., Lu, W., Tansomboon, C., Gisondi, M. A.
2021; 7 (4): e32356
- **Rapid Cycle Deliberate Practice in Virtual Reality: Teaching Transvenous Pacemaker Insertion to Emergency Medicine Residents** *CUREUS*
Peng, C., Ng, K. M., Roszczynialski, K. N., Warrington, S. J., Schertzer, K.
2021; 13 (10)
- **Rapid Cycle Deliberate Practice in Virtual Reality: Teaching Transvenous Pacemaker Insertion to Emergency Medicine Residents.** *Cureus*
Peng, C., Ng, K. M., Roszczynialski, K. N., Warrington, S. J., Schertzer, K.
2021; 13 (10): e18503
- **Using a Simulated Model and Mastery Learning Approach to Teach the Ultrasound-guided Serratus Anterior Plane Block to Emergency Medicine Residents: A Pilot Study.** *AEM education and training*
Rider, A. C., Miller, D. T., Ashenburg, N., Duanmu, Y., Lobo, V., Schertzer, K., Sebok-Syer, S. S.
2021; 5 (3): e10525
- **Mastery learning improves simulated central venous catheter insertion by emergency medicine teaching faculty** *Academic Emergency Medicine Education & Training*
Pokrajac, N., Schertzer, K., Roszczynialski, K. N., Rider, A., Williams, S. R., Poffenberger, C. M., Gisondi, M. A.
2021
- **Using In Situ Simulations to Improve Pediatric Patient Safety in Emergency Departments.** *Academic medicine : journal of the Association of American Medical Colleges*
Lee, M. O., Schertzer, K., Khanna, K., Wang, N. E., Camargo, C. A., Sebok-Syer, S. S.
2020
- **Owning the Trauma Bay: Teaching Trauma Resuscitation to Emergency Medicine Residents and Nurses through In-situ Simulation.** *Journal of education & teaching in emergency medicine*
Bellino, A., Gordon, A. J., Alvarez, A., Schertzer, K.
2020; 5 (4): S108-S148
- **Mastery Learning Ensures Correct Personal Protective Equipment Use in Simulated Clinical Encounters of COVID-19** *Western Journal of Emergency Medicine*
Pokrajac, N., Schertzer, K., Poffenberger, C. M., Alvarez, A., Marin-Nevarez, P., Winstead-Derlega, C., Gisondi, M. A.

2020: 1089-1094

- **Improving Emergency Department Airway Preparedness in the Era of COVID-19: An Interprofessional, In Situ Simulation.** *Journal of education & teaching in emergency medicine*
Warner, K. J., Rider, A. C., Marvel, J., Gisondi, M. A., Schertzer, K., Roszczynialski, K. N.
2020; 5 (3): S28-S49
- **Applying Educational Theory and Best Practices to Solve Common Challenges of Simulation-based Procedural Training in Emergency Medicine.** *AEM education and training*
Cassara, M., Schertzer, K., Falk, M. J., Wong, A. H., Hock, S. M., Bentley, S., Paetow, G., Conlon, L. W., Hughes, P. G., McKenna, R. T., Hrdy, M., Lei, C., Kulkarni, et al
2020; 4 (Suppl 1): S22-S39
- **Mastery Learning Ensures Correct Personal Protective Equipment Use in Simulated Clinical Encounters of COVID-19.** *The western journal of emergency medicine*
Pokrajac, N. n., Schertzer, K. n., Poffenberger, C. M., Alvarez, A. n., Marin-Nevarez, P. n., Winstead-Derlega, C. n., Gisondi, M. A.
2020; 21 (5): 1089-94
- **Improving Emergency Department Airway Preparedness in the Era of COVID-19: An Interprofessional, In Situ Simulation.** *Journal of Education and Teaching in Emergency Medicine*
Warner, K. J.
2020; 5 (3)
- **Owning the Trauma Bay: Teaching Trauma Resuscitation to Emergency Medicine Residents and Nurses through In-situ simulation** *Journal of Education and Teaching in Emergency Medicine*
Bellino, A., Gordon, J., Alvarez, A., Schertzer, K.
2020; 5 (4)
- **Improving Emergency Department Airway Preparedness in the Era of COVID-19: An Interprofessional, In Situ Simulation** *Journal of Education and Teaching in Emergency Medicine*
Warner, K., Rider, A., Marvel, J., Gisondi, M., Schertzer, K., Roszczynialski, K.
2020; 5 (3)
- **Mastery Learning in Medical Simulation**
Felix, H., Schertzer, K.
StatPearls Publishing. Treasure Island, FL.
2020 ; StatPearls
- **Use of Video During Debriefing in Medical Simulation**
Schertzer, K., Waseem, M.
StatPearls Publishing. Treasure Island, FL.
2020 ; Stat Pearls
- **In Situ Debriefing in Medical Simulation**
Schertzer, K., Larissa, P.
StatPearls Publishing. Treasure Island, FL.
2019 ; StatPearls
- **Rapid Cycle Deliberate Practice in Medical Simulation**
Peng, C., Schertzer, K.
StatPearls Publishing. Treasure Island, FL.
2019 ; StatPearls
- **Quality Improvement in Medical Simulation**
Rider, A., Schertzer, K.
StatPearls Publishing. Treasure Island, FL.
2019 ; StatPearls
- **Evaluation of Faculty Debriefing Post simulation Events**
Schertzer, K., Rider, A.
StatPeals Publishing. Treasure Island, FL.

2019 ; StatPearls

- **Acute Infectious Diarrhea** *EMERGENCY MANAGEMENT OF INFECTIOUS DISEASES, 2ND EDITION*

Schertzer, K. A., Garmel, G. M.

edited by Chin, R. L., Frazee, B. W.

2018: 169-180

- **Disaster Medicine: A Multi-Modality Curriculum Designed and Implemented for Emergency Medicine Residents.** *Disaster medicine and public health preparedness*

Ngo, J., Schertzer, K., Harter, P., Smith-Coggins, R.

2016; 10 (4): 611-614

PRESENTATIONS

- Build Your Simulation Training Program From Scratch - International Meeting on Simulation in Healthcare, Society for Simulation in Healthcare (SSIH) (1/2017)
- Effective Debriefing with Challenging Learners - Advanced EM Workshops, Society for Academic Emergency Medicine (SAEM) (5/2018)