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Clinical Associate Professor, Emergency Medicine

 Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

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Bio

CLINICAL FOCUS

- Emergency Medicine

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Emergency Medicine

PROFESSIONAL EDUCATION

- Board Certification: Emergency Medicine, American Board of Emergency Medicine (2019)
- Masters of Science, University of Alabama School of Health Professions , Healthcare Simulation (2019)
- Fellowship, University of Alabama at Birmingham Simulation Fellowship , AL (2019)
- Residency: University of Alabama at Birmingham Emergency Medicine Residency (2018) AL
- Medical Education: University of Alabama at Birmingham School of Medicine (2015) AL

Publications

PUBLICATIONS

- **Simulationist training blueprint: Defining core competency curricular domains.** *Medical teacher*
Roszczynialski, K., Cardell, A., Brown, M., Wong, N., Golden, A., Podolej, G., Elias, M. E., Gurevich-Gal, R., Tayeb, B., O'Rourke, J.
2026: 1-9
- **Physician-Led Teams: A Model Curriculum for Emergency Medicine Residency** *AEM EDUCATION AND TRAINING*
Kalantari, A., Guth, T. A., Sampson, C. S., Davis, J. J., Schiller, E., Fisher, J., Roszczynialski, K. N., Oh, L., Shekem, N., Lo, B. M.
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- **Mastery Learning Improves Simulated Distal Radius Fracture Management by Emergency Medicine Teaching Faculty.** *Simulation in healthcare : journal of the Society for Simulation in Healthcare*
Pokrajac, N., Gisondi, M. A., Jensen, A., Roszczynialski, K. N., Preiksaitis, C., Dixon, W.
2025
- **Reassessment Case: Acute Pulmonary Edema in a Boarding Patient.** *Journal of education & teaching in emergency medicine*
Chen, T., Fernandez, D., Vempati, A., Roszczynialski, K., Cohen, S., Lei, C., Moss, H., Moadel, T., Stapleton, S., Beattie, L.

2025; 10 (5): CE77-CE105

- **Clinical Decision-Making Case: Thyroid Storm.** *Journal of education & teaching in emergency medicine*
Cohen, S., Vempati, A., Lei, C., Moss, H., Moadel, T., Bentley, S., Stapleton, S., Roszczynialski, K.
2025; 10 (5): CE260-CE291
- **Procedural case: Ultrasound Case: Syncope in PE.** *Journal of education & teaching in emergency medicine*
Wallace, N., Melendez, A., Beattie, L., Chen, T., Fernandez, D., Vempati, A., Roszczynialski, K., Cohen, S., Stapleton, S., Moadel, T.
2025; 10 (5): CE126-CE147
- **Abdominal Pain and Vaginal Discharge: An Eye-Opening Simulation Case about Human Trafficking.** *Journal of education & teaching in emergency medicine*
Exeni McAmis, N. E., Feinn, R. S., Saxena, M. R., Roszczynialski, K. N.
2025; 10 (4): S1-S41
- **My Broken Heart.** *Journal of education & teaching in emergency medicine*
Roszczynialski, K. N., Harp, A. E., Fisk, C. A., Ng, K. M., Rider, A. C.
2025; 10 (2): S1-S30
- **Lifeline: Identifying and Assisting Victims of Human Sex Trafficking**
Roszczynialski, K. N., Brown, J.
The American College of Emergency Physicians.
2024 ; Critical Decisions in Emergency Medicine (Vol 28 Number 3): 24-31
- **The Current State of Pediatric Emergency Medicine Training in Emergency Medicine Residencies.** *Pediatric emergency care*
Nickerson, J., Ghatak-Roy, A., Donnelly, K. A., Thomas, A. A., Robinson, D., Roszczynialski, K. N., Zhao, X.
2022
- **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*
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- **Simulation-Based Mastery Learning Improves the Performance of Donning and Doffing of Personal Protective Equipment by Medical Students.** *The western journal of emergency medicine*
Miller, D. T., Pokrajac, N., Ngo, J., Gallegos, M., Dixon, W., Roszczynialski, K. N., Ng, K., Taleghani, N., Gisondi, M. A.
2022; 23 (3): 318-323
- **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.
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- **Rapid Cycle Deliberate Practice in Virtual Reality: Teaching Transvenous Pacemaker Insertion to Emergency Medicine Residents.** *Cureus*
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2021; 13 (10): e18503
- **A Scoping Literature Review of Simulation Training Program Curriculum Standards.** *Simulation in healthcare : journal of the Society for Simulation in Healthcare*
O'Rourke, J., Brown, M., Elias, M. E., Podolej, G. S., Cardell, A., Golden, A., Gurevich-Gal, R., Roszczynialski, K. N., Tayeb, B., Wong, N.
2021
- **Mastery learning improves simulated central venous catheter insertion by emergency medicine teaching faculty.** *AEM education and training*
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2021; 5 (4): e10703
- **An Investigation on the Perceptions of Practicing Interdisciplinary Health Professionals on Rapid Cycle Deliberate Practice Simulation.** *Simulation in healthcare : journal of the Society for Simulation in Healthcare*

Roszczynialski, K. N., Register, S. J., Bergman, L., White, M. L.
2021

- **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.
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- **Improving Emergency Department Airway Preparedness in the Era of COVID-19: An Interprofessional, In Situ Simulation**
Warner, MD, K. J., Rider, MD, A. C., Marvel, MD, J., Gisondi, MD, M. A., Schertzer, MD, K., Roszczynialski, MD, MS, K. N.
Journal of Education and Teaching in Emergency Medicine. JETem.
2020
- **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)
- **Boerhaave Syndrome Simulation Scenario**
Roszczynialski, MD, MS, K.
The Sim Book.
2019
- **Trade Secrets: Human Sex Trafficking** *Critical Decisions in Emergency Medicine*
Roszczynialski, MD, K., Irvine, MD, MPH, S., Walter MD, FACEP, L.
2018; 32 (12)
- **A Screen for Modifiers of Cilia Phenotypes Reveals Novel MKS Alleles and Uncovers a Specific Genetic Interaction between *osm-3* and *nphp-4*** *PLOS GENETICS*
Masyukova, S. V., Landis, D. E., Henke, S. J., Williams, C. L., Pieczynski, J. N., Roszczynialski, K. N., Covington, J. E., Malarkey, E. B., Yoder, B. K.
2016; 12 (2): e1005841