



Timothy J Batchelor

Clinical Instructor, Emergency Medicine

CLINICAL OFFICE (PRIMARY)

- **Stanford Dept of Emergency Medicine**

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Bio

BIO

Dr. Timothy Batchelor is a Global Emergency Medicine and Advanced Emergency Ultrasound dual Fellow, and clinical instructor in the Department of Emergency Medicine at Stanford University. Dr. Batchelor completed his emergency medicine residency at Lehigh Valley Health Network in Allentown, Pennsylvania. He completed medical school at Morsani College of Medicine in Tampa, Florida, and was a member of the SELECT curriculum during his four years there. Prior to his clinical medicine career he was a fire service lieutenant, prehospital EMS provider, and accredited EMS and firefighter instructor. He has performed research in Rwanda looking at the impacts of emergency medicine resident Point-of-Care Ultrasound training, in Costa Rica evaluating ultrasound utilization in austere healthcare settings using geospatial analysis, and is involved in advanced transesophageal echocardiography education research domestically. He is currently pursuing an MBA degree from the University of Massachusetts.

CLINICAL FOCUS

- Emergency Medicine
- Emergency Ultrasonography
- Global Health
- Medical Education
- Prehospital Emergency Care

ACADEMIC APPOINTMENTS

- Clinical Instructor, Emergency Medicine

HONORS AND AWARDS

- Eagle Scout Award, Boy Scouts of America (1998)
- Excellence in Leadership Award, Washington State University (2012)
- Medical Student Quality Award, Lehigh Valley Physician Hospital Organization & Lehigh Valley Health Network (2017-2018)
- Virtual Wilderness & Austere Medicine Competition Winner – 1st Place, Lehigh Valley Health Network (2020)
- New Innovations in Emergency Medicine Competition Winner – 3rd Place, American College of Osteopathic Emergency Physicians (3/2020)

- Wilderness Day Competition Winner – 1st Place, Lehigh Valley Health Network (5/2021)
- Black Cloud Award, Lehigh Valley Health Network: EM Residency Class of 2022 (5/2022)
- Wilderness MedWars Competition Winner – 1st Place, Lehigh Valley Health Network (5/2022)
- Outstanding Educator of the Month Award, Stanford University - Department of Emergency Medicine (5/2023)
- First Resuscitative TEE in the ED Award, Stanford University - Department of Emergency Medicine – Ultrasound Section (7/2023)
- Outstanding Educator of the Month Award, Stanford University - Department of Emergency Medicine (11/2023)
- Chair's Plaudit, Stanford University - Department of Emergency Medicine (9/2024)
- Fellowship Spotlight, Young Physicians Section - American Academy of Emergency Medicine (9/2024)
- EMRA 50th Celebration Museum - Best in Poetry & Prose, 1st Place, Emergency Medicine Resident's Association (10/2024)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- President, USF Morsani College of Medicine: EMIG (2015 - 2016)
- Treasurer, USF Morsani College of Medicine: EMIG (2017 - 2018)
- Member, Lehigh County Medical Society (2018 - 2022)
- Member, Pennsylvania College of Emergency Physicians (2018 - 2022)
- Member, American College of Emergency Physicians (2018 - present)
- Member, Emergency Medicine Resident's Association (2018 - present)
- Member, American College of Osteopathic Emergency Physicians (2020 - 2022)
- Member, ACEP: Emergency Ultrasound Section (2022 - present)
- Member, Society for Academic Emergency Medicine (2022 - present)
- Member, SAEM: Academy of Emergency Ultrasound (2022 - present)
- Member, American Academy of Emergency Medicine (2023 - present)
- Member, Society of Clinical Ultrasound Fellowships (2023 - present)
- Member, SAEM: Global Emergency Medicine Academy (2023 - present)
- Member, SAEM: GEMA POCUS Subcommittee (2024 - present)

PROFESSIONAL EDUCATION

- Board Certification: Emergency Medicine, American Board of Emergency Medicine (2023)
- Residency: Lehigh Valley Hospital and Health Network (2022) PA
- Medical Education: University of South Florida Morsani College of Medicine (2018) FL

COMMUNITY AND INTERNATIONAL WORK

- The Serious Public Health Issues Resulting from Formaldehyde Exposures Within FEMA Travel Trailers Issued to Hurricane Disaster Victims...
- Prevalence of Homelessness in the Emergency Department Setting
- Physician Directed Smoking Cessation in the Emergency Department
- Hybrid Educational and Quality Assurance Point-of-Care Ultrasound Training Program in Rwanda
- Geospatial Analysis of the Successful Improvement in the Utilization of Point-of-Care Ultrasound (POCUS) in Austere Health Care Settings
- EMS Trauma Training Program in Nairobi, Kenya
- Characterizing road traffic injuries and their associated healthcare and financial burdens, Sri Lanka
- LEAPS: Leveraging emergency ambulance potential in Sri Lanka

LINKS

- TimothyJBatchelor.com: <http://TimothyJBatchelor.com>

Research & Scholarship

PROJECTS

- Newly Diagnosed Middle Lobe and Lingular Bronchiectasis and Mycobacteria Infection - Moffitt Cancer Center (2014 - 2015)
- Clinical Pathway for the Outpatient Treatment of Pulmonary Embolism - Lehigh Valley Health Network (2016 - 2017)
- MedEvac Transport Ultrasound Training - George E. Moerkirk Emergency Medicine Institute (2021 - 2022)
- Realtime RTLS Ultrasound Machine Tracking in the ED - Stanford University Department of Emergency Medicine (2022 - present)
- Ultrasound Equipment Management System in the ED Utilizing QR Codes and Electronic Submission - Stanford University Department of Emergency Medicine (2023 - present)
- QA Interrater Reliability Study/Standardization - Stanford Emergency Medicine Ultrasound Section (2023 - present)
- Ultrasound Case Report Mentorship Program: Facilitating Peer-Reviewed Publications for First-Year Residents - Stanford University Emergency Medicine Residency (2023 - present)
- Transesophageal Echocardiography (TEE) Mastery Learning - Stanford Emergency Medicine Ultrasound Section (2023 - present)
- Integrating Hand Motion Analysis into Competency Based Point-of-Care Ultrasound Education - Stanford Emergency Medicine (6/1/2024 - present)
- Leveraging Bi-Plane Technology to Improve Ultrasound Guided Peripheral Vascular Access Time-to-Cannulation in ED Nurses - Stanford Department of Emergency Medicine (6/1/2024 - present)

Publications

PUBLICATIONS

- **A woman with sudden unilateral vision loss.** *Journal of the American College of Emergency Physicians open*
Abid, A., Lin, M. P., Cox, E., Batchelor, T. J.
2024; 5 (6): e13337
- **Man with scrotal pain and swelling.** *Journal of the American College of Emergency Physicians open*
Allen, C. W., Liao, C., Hill, C., Batchelor, T. J., Ashenburg, N. G.
2024; 5 (5): e13289
- **Point-of-care Ultrasound Diagnosed Intraocular Breast Metastasis.** *Clinical practice and cases in emergency medicine*
Yusuf, H. M., Batchelor, T., Ashenburg, N.
2024; 8 (3): 298-299
- **A woman with a headache and vision changes.** *Journal of the American College of Emergency Physicians open*
Batchelor, T. J., Anderson, K. L.
2024; 5 (1): e13109
- **Eight weeks pregnant woman with heavy vaginal bleeding.** *Journal of the American College of Emergency Physicians open*
Moody, G. G., Batchelor, T. J., Ashenburg, N.
2024; 5 (1): e13113
- **Complete molar pregnancy found on point-of-care ultrasound in a woman presenting for dyspnea and fatigue** *Visual Journal of Emergency Medicine*
Wagner, T. D., Ashenburg, N. G., Batchelor, T. J.
2024; 35
- **Establishing a Hybrid Point of Care Ultrasound Program at the University Teaching Hospital of Kigali**
Lanter, P., Nsengiyumva, E., Obeng, E., Batchelor, T., Wilson, G., Faustin, T., Claudien, N., Ashenburg, N., Lindquist, B., Hahn, I., Mugemangango, P., Uwamahoro, D., Feltes, et al
ACEP Emergency Ultrasound Section Newsroom. <https://www.acep.org/emultrasound/newsroom/oct2024/establishing-a-hybrid-point-of-care-ultrasound-program>.
2024

- **Acute-on-chronic left eye pain in the setting of neurotrophic keratopathy** *Visual Journal of Emergency Medicine*
Yousef, S., Batchelor, T. J.
2024; 36
- **Employing point-of-care ultrasound for evaluation of an ovarian lesion** *Visual Journal of Emergency Medicine*
Espiritu, J., Duanmu, Y., Batchelor, T. J.
2024; 37
- **Evaluating for small bowel obstruction in the emergency department using point-of-care ultrasound** *Visual Journal of Emergency Medicine*
Osigwe, C. C., Duanmu, Y., Batchelor, T. J.
2024; 36
- **Point-of-care ultrasound identification of Achilles tendon rupture** *Visual Journal of Emergency Medicine*
Sharon, M. J., Riley, F., Batchelor, T. J.
2024; 34
- **Rapid diagnosis of quadriceps tendon rupture using bedside ultrasound** *Visual Journal of Emergency Medicine*
Ten, N. S., Ashenburg, N. G., Batchelor, T. J.
2024; 36
- **The role of POCUS for the initial detection of testicular cancer in the emergency department** *Visual Journal of Emergency Medicine*
Henderson, J., Ashenburg, N. G., Batchelor, T. J.
2024; 36
- **Use of Point of care ultrasound in a case of near pace-maker lead cardiac perforation** *Visual Journal of Emergency Medicine*
Marquez, M., Batchelor, T. J.
2024; 36
- **Employing point-of-care ultrasound to diagnose pediatric elbow fracture** *Visual Journal of Emergency Medicine*
Brunson, D., Gupta, P., Batchelor, T. J.
2024
- **Blunt chest injury and pleural effusion following cardiopulmonary resuscitation** *Visual Journal of Emergency Medicine*
Khan, A., Batchelor, T. J.
2024
- **Young Woman With Recurrent Vision Loss** *Annals of Emergency Medicine*
Nishath, T., Anderson, K. L., Batchelor, T. J.
2024; 83 (6): 611-612
- **Adult female with intermittent epigastric pain.** *Journal of the American College of Emergency Physicians open*
Chiacchia, S., Davis-Allen, P., Dowling, S., Batchelor, T. J.
2023; 4 (6): e13083
- **Visualizing mitral valve prolapse with M-mode** *Visual Journal of Emergency Medicine*
Ognian, I., Batchelor, T. J.
2023; 33
- **De Quervain tenosynovitis diagnosed on point-of-care ultrasound** *Visual Journal of Emergency Medicine*
Franklin, B. J., Batchelor, T. J.
2023; 33
- **Dynamic EPSS changes in a case of flash pulmonary edema secondary to NSTEMI** *Visual Journal of Emergency Medicine*
Johnson, B. A., Batchelor, T. J.
2023; 33
- **Traumatic atrial septal defect diagnosed by bedside point-of-care ultrasound.** *Radiology case reports*
Batchelor, T. J., Imperato, N. S., Wheel, K. L., Rennie, A. J., Roth, K. R.
2022; 17 (12): 4546-4549

- **Antihypertensives- ACEi/ARB, B1-antagonists, a2-agonists** *EMRA and ACMT Medical Toxicology Guide*
Batchelor, T. J., Hardy, S. G.
edited by Katz, K. D.
2022; 2: 159-163
- **Antihypertensives- B-adrenergic antagonists, calcium channel antagonists, diuretics, vasodilators** *EMRA and ACMT Medical Toxicology Guide*
Batchelor, T. J., Kane, B.
edited by Katz, K. D.
2022; 2: 163-170
- **Physician-directed smoking cessation using patient "opt-out" approach in the emergency department: A pilot program.** *Journal of the American College of Emergency Physicians open*
Greenberg, M. R., Greco, N. M., Batchelor, T. J., Miller, A. H., Doherty, T., Aziz, A. S., Yee, S. Z., Arif, F., Crowley, L. M., Casey, E. W., Krukltis, R. J.
2020; 1 (5): 782-789
- **Prevalence of Homelessness by Gender in an Emergency Department Population in Pennsylvania.** *The Journal of the American Osteopathic Association*
Feldman, B. J., Craen, A. M., Enyart, J., Batchelor, T., Friel, T. J., Dusza, S. W., Greenberg, M. R.
2018; 118 (2): 85-91