Austin James Schoeffler

513-869-0942 | Aschoeff@stanford.edu | Linkedin.com/in/Aschoeffler
8 10th St, Apartment 407. San Francisco, CA 94103

Education

06/01/2025 – 05/31/2027 Clinial Informatics Fellowship at Stanford Medical Center

05/01/2024 - 05/31/2025 Chief Resident at University Hospitals/Case Western Reserve University Medical Center

05/01/2022 - 05/01/2025 Emergency Medicine Residency at University Hospitals/Case Western Reserve Medical Center

05/01/2018 - 05/01/2022 The Ohio State University College of Medicine.
M.D. Degree.

05/01/2014 - 05/01/2018 The Ohio State University.
B.S. Honors Neuroscience Degree.

Professional Experience

STEPP Program – Stanford Clinical Informatics Fellowship *06/2025 – Present*
Industry–Academic Partnership Facilitator

- Brokered industry–academic partnerships through the Stanford STEPP program, conducting clinical diligence on AI companies seeking academic validation – including Robex (autonomous AI robotics) and Clearstep (digital front-door triage and agentic care navigation), evaluating product-market fit, clinical workflow integration, and scalability within health systems.
- Assessed regulatory pathways, reimbursement landscape, and clinical adoption barriers to inform partnership structure and commercialization strategy for early-stage digital health companies entering acute care markets.

Scrub Capital Collective *2025 – Present*
Venture Capital Advisor – Digital Health & Healthcare AI

- Active participant in weekly investment committee meetings at Scrub Capital Collective, a venture capital firm focused on healthcare innovation, contributing clinical diligence and market analysis to support investment decisions across early- and growth-stage digital health companies.
- Conducted critical evaluation of portfolio companies and prospective investments, applying deep clinical domain expertise to assess product viability, clinical workflow fit, regulatory risk, and physician adoption potential.
- Provided instrumental feedback informing firm investment decisions, bridging the gap between clinical reality and investor perspectives on healthcare AI, diagnostics, and digital health platforms.

PACT Project – ARPA-H Funded Physician–AI Teaming Research *06/2025 – Present*
Clinical Informatics Researcher – Dr. Jonathan Chen's Lab, Stanford / ARISE Network

- Contributing researcher on the PACT project, an ARPA-H-funded initiative (>$2M) in Dr. Jonathan Chen's lab at Stanford / ARISE Network, building benchmarks for physician–AI teaming – establishing the scientific and commercial foundation for a new category of clinical AI evaluation infrastructure.
- Architecting the first "flight simulator for medicine" – a rigorous physician–AI benchmark that creates a defensible standard for how AI clinical products should be evaluated, with direct implications for procurement, regulatory clearance, and investor diligence in the clinical AI market.
- Developing a human physician mastery platform establishing clinician performance baselines – enabling objective, market-ready benchmarking of AI systems against real-world clinical expertise and creating infrastructure for a medical AI superintelligence evaluation framework.

Patient Perspectives on AI in Healthcare – Health AI Index *06/2025 – Present*
Research Collaborator – Dr. Natalie Pageler, Stanford

- Collaborating with Dr. Natalie Pageler on a mixed-methods study examining patient perspectives on AI use in healthcare, stratifying global concerns, interests, and attitudes among patients and the general public regarding the future of AI in clinical care.
- Contributing patient perspective findings to the Health AI Index, a national benchmarking initiative tracking the state of AI adoption and public trust in healthcare systems.

Ambient AI Scribe Evaluation – Submitted Manuscript *2025 – Present*
Author

- Submitted a perspective article examining the "Ambient AI Efficiency Paradox" (also framed as the Perception–Performance Paradox) in ambient AI scribe tools: clinicians consistently report large time savings and improved satisfaction with tools such as DAX, yet objective productivity metrics (RVUs, throughput, documentation time) fail to capture these gains, revealing a systematic mismatch between perceived and measured value.
- Argues that traditional ROI frameworks for ambient documentation tools systematically undercount clinical value by ignoring workforce sustainability, cognitive offload, and qualitative improvements in the patient–physician relationship.

Microsoft DAX evaluation
- Leading the DAX Source of Truth study, a $100,000 Grant funded evaluation of Microsoft DAX Copilot's downstream effects on emergency department care quality, provider experience, and documentation fidelity across the Stanford health system
- Designed and implemented an end-to-end data pipeline in Epic Clarity/Caboodle (BigQuery) to measure ambient AI documentation impact on ED provider productivity, using E/M wRVU per hour as the primary efficiency outcome
- Investigating the Ambient AI Efficiency Paradox: the systematic gap between clinician-reported time savings with ambient scribe tools and objective productivity metrics, with findings submitted as a perspective article targeting Nature Digital Medicine

Emergency Medicine Physician – Stanford Medical Center *06/2025 – Present*
- Attending emergency medicine physician at Stanford Medical Center, providing direct patient care in a high-acuity academic emergency department while concurrently completing the Stanford Clinical Informatics Fellowship.

Emergency Medicine Physician – Sutter Health *06/2025 – Present*
Independent Contractor (1099)
- Moonlighting as an independent contractor physician in the Sutter Health California Pacific Medical Center (CPMC) Emergency Department, maintaining active clinical practice alongside fellowship responsibilities.

Stanford Resident Safety Council – Informatics Lead *06/2025 – Present*
Informatics Leader
- Serving as informatics lead for the Stanford Resident Safety Council, partnering with a multidisciplinary team to develop AI-guided discharge instructions designed to improve clarity, completeness, and clinical value of patient education materials at discharge.
- Evaluating clinical validity and usability of AI-generated discharge content, ensuring outputs meet safety standards and align with evidence-based practice before integration into clinical workflows.

University Hospitals EPIC ASAP Operational Working Group *01/01/2023 – 5/30/2025*
Resident Liaison
- Collaborating with the IT department to provide physician-led guidance of the transition of University Hospital's electronic medical record system from Allscripts to Epic.
- Evaluating and proposing enhancements for clinical decision tools, order sets, discharge summaries, and BPA alerts.
- Validated a resident metrics dashboard for throughput monitoring and individualized feedback.

Care in a Box *09/01/2023 – 5/30/2025*
Physician Lead
- Led end-to-end product development and clinical deployment of "Care in a Box," a novel care coordination solution for pregnant patients in the ED – owning strategy, stakeholder alignment, vendor integration, and go-to-market execution within an academic health system.
- Integrated an Epic Discharge referral workflow linking patient's directly to prenatal clinics, enabling streamlined care coordination.
- Innovatively incorporated a QR code linked to an AI-powered prenatal app, empowering pregnant mothers with immediate access to personalized information and proactive healthcare management tools.
- Fostered collaboration with interdisciplinary teams to ensure streamlined follow-up care, establishing direct connections to OB/GYN clinics and advocating for a patient-centered approach to maternal health within the emergency setting.

AI-Driven Mental Health Screening – Clinical Feasibility Study *08/01/2023 – 5/30/2025*
- Designed and executed a prospective feasibility study evaluating an AI-driven passive screening tool – using multimodal analysis of speech and facial cues – for detection of depression and anxiety in ED patients, assessing sensitivity, specificity, and real-world deployability.
- Benchmarked AI algorithm performance against validated clinical instruments (PHQ-9/GAD-7) in a 30-patient pilot cohort, generating preliminary efficacy data to inform product development roadmap and investment case for passive psychiatric screening in acute care.
- Identified key operational constraints – including data capture quality and care pathway integration – that would need to be addressed for commercial viability, providing a practical framework for scaling passive AI screening tools in high-acuity clinical environments.

UH Ventures Collaborator 08/01/*2022 – 5/30/2025*
Physician Consultant
- Performed clinical diligence on MediView's VR-guided ultrasound system, assessing technical feasibility, workflow integration, and adoption potential for emergency department deployment in partnership with UH Ventures.
- Translated physician end-user perspective into actionable product design recommendations, informing iterative development cycles and de-risking clinical adoption ahead of commercial launch.

University Hospital's Resident Forum 04/01/*2023 -04/01/2024*
Emergency Medicine Representative

- Efficiently gathered data on the burden of ultrasound-guided IV placements by residents, strategically utilizing data analytics and insights to advocate for enhanced nursing support, and mobilizing resources to improve IV access in the ED.
- Chosen to represent the Emergency Medicine residency at monthly meetings surrounding hospital-wide concerns around residency training and operations.
- Provided hospital-wide feedback surrounding EPIC implementation, advocated for emergency department funding, and guided discussions surrounding resident wellness.

Leadership Experience

University Hospitals Emergency Medicine Chief Resident *05/01/2024 – 05/30/2025*

- Organizing and leading weekly educational conferences for 36 residents and faculty, ensuring a robust and engaging learning environment.
- Coordinating monthly journal clubs in collaboration with Emergency Medicine faculty, fostering critical discussions and continuous learning.
- Developing and managing comprehensive schedules for 36 Emergency Medicine residents and departmental rotators, optimizing efficiency and coverage.
- Conducting weekly meetings with faculty to discuss program enhancements and proactively address emerging issues.
- Partnering with faculty to deliver quarterly Morbidity and Mortality (M&M) presentations, driving departmental improvement and educational growth.

EMRA Leadership Academy *03/01/2023 - 03/01/2024*

- Chosen as one of 20 residents across the United States to participate in a year-long mentorship and development course.
- Monthly meetings with hospital executives, industry leaders, and Emergency Medicine experts to explore different avenues of leadership and how we can incorporate these tools into our daily practice.
- Culminating in a Leadership development project: “Care in a Box,” providing new mothers in the Cleveland area with prenatal resources and OB/GYN follow-up in timely fashion.

Emergency Medicine Quality Improvement Project
Project Lead *01/01/2020 - 01/01/2022*

- Coordinated a multidisciplinary team comprised of medical students, residents, attendings, social workers, and nurses to engage with predominantly Black/Latino patients in the OSU East ED, facilitating discussions about their apprehensions regarding Covid vaccination. Facilitated team meetings, collaborating with medical center faculty, and scheduling vaccine education days.
- Created a QI survey to collect and analyze reasons for vaccine hesitancy in our underserved communities.
- Collaborated with the social work department at OSU East to introduce discharge protocols to remind patients they are eligible for covid-19 vaccine and provide assistance with registration/sign up.

Emergency Medicine Ultrasound Community of Practice
Vice President *05/01/2020 - 05/01/2022*

- Introduced ultrasound-focused lectures, education, and inspiration to medical students, illustrating the various applications of ultrasound in their future roles as Emergency Medicine practitioners.
- Hosted Monthly lectures and scanning sessions to teach medical students basic Emergency Medicine pathology.
- Prepared mentorship workshops between M3’s and M1/M2s interested in emergency medicine.

Community Health Education Program
Project lead *08/01/2019*

- Orchestrated educational initiatives at Columbus East High School aimed at inspiring underserved students to pursue careers in medicine through lectures, simulations, hands-on sessions, and resume workshops.
- Collaborated closely with Dr. Anderson, Director of Health Science Academies, to refine program goals and strategies for continuous improvement.
- Facilitated weekly meetings to develop educational sessions, analyze survey feedback, and enhance program effectiveness.

BuckeyeThon
Assistant Director of Dance Marathon *07/01/2015 – 07/01/2018*

- Raised $1.6 Million Dollars for children fighting pediatric cancer at Nationwide Children's Hospital.
- Oversaw a team of 10 individuals with weekly meetings to coordinate operations for a 24-hour continuous dance marathon.
- Managed Check-In and Pre-Check-In logistics for over 3,000 Ohio State students, developing a streamlined flow system to enhance participant experience during the marathon.
- Implemented rigorous safety protocols and conducted extensive volunteer education to ensure security throughout the event.

Working/Research Experience

Ohio State Ultrasound Training Program
Advanced Competency in Honors Ultrasound *07/01/2018 - 07/01/2022*

- Extensive experience in acquisition of ultrasound images involving FAST, Cardiac, OB/Gyn, MSK, Eye, and Renal scans.
- Practice with ultrasound-guided procedures and techniques directly on patients in the Emergency Department.
- Completed an ultrasound portfolio of unique pathology images collected throughout the year.
- Attended monthly ultrasound faculty lectures reviewing knobology, anatomy, and pathology of common ultrasound findings.
- Participated in Ultrafest x3 years – an ultrasound training competition with hundreds of participants from surrounding medical colleges working to learn about practical use of ultrasound in emergency medical care.

GlaxoSmithKline Pharmaceuticals
Neuroscience R&D Co-op *05/01/2018 - 08/01/2018*

- Developed a novel stem cell-derived platform for high-throughput screening of candidate molecules for Parkinson's Disease.
- Utilized programming skills to automate and optimize robotic protocols for stem cell feeding and data analysis, facilitating efficient testing of GSK molecular candidates on Parkinson's Disease-derived cell lines.
- Collaborated with interdisciplinary teams to integrate data-driven solutions into dopaminergic differentiation protocols, ensuring seamless data flow and analysis across departments.
- Created a comprehensive budget and project experimentation plan, leveraging informatics methodologies to enhance the efficiency and efficacy of stem cell assays.

New York Stem Cell Foundation
Summer Research Fellowship *05/01/2017 - 08/01/2017*

- Optimized a robotic platform to perform CRISPR-Cas9 gene knockout in vitro for high-throughput screening of dementia.
- Developed a new pluripotent stem cell protocol for inducing CRISPR-Cas9 knockout studies.
- Collaborated with international stem cell scientists to develop logistics for new therapeutic interventions.
- Delivered a project presentation to 70 NYSCF international stem cell specialists with enthusiastic feedback.

Research

Imaging in Emergency Cancer patients – Ohio State Department of Emergency Medicine *02/01/2019 - 02/01/2021*
Student Researcher - Dr. Jason Bischof, MD.
Retrospective chart review examining the utility and importance of chest xray vs. CT scans in cancer patients presenting to the Emergency Department. We found that a large proportion of cancer patients presenting with pulmonary symptoms to the ED were given both xray and CT scans to assess for pathology. Our results show that CT scans are about 2x (222 vs. 108) as likely to identify clinically significant findings. The combination of both of these tests is added financial strain on a lot of our patients, as well as our emergency department. In the future, we will stratify different patient groups and diagnoses to create a standardized recommendation for cancer patients that should be brought straight to chest CT without prior CXR.

Ethics in Research with Elderly Participants – Ohio State Department of Emergency Medicine *06/01/2019 – 06/01/2021*
Student Researcher - Dr. Lauren Southerland, MD.
Scoping review of over 400 articles for this retrospective analysis looking at protocols for obtaining consent in various Emergency Medicine studies. We found that only 4.3% of Emergency Department studies of elderly patients documented a formal capacity screening tool and only 5.1% reported consent by a legally authorized representative. These results show that we need to do a more effective job at appropriately screening and consenting elderly patients for research studies in the emergency department.

Ethics in Research with Elderly Participants – Ohio State Department of Emergency Medicine *02/01/ 2019 - 02/01/2021*
Student Researcher - Dr. Jason Bischof, MD.
Synthesized and prepared an IRB protocol with approval for this project investigating how we acquire consent in patients >65 years old in the Emergency Department. We have developed a novel screening platform to assess capacity to consent in elderly individuals involved in Emergency Medicine Research. We will be running a pseudo-clinical trial with our consent tool and comparing it to a standardized method for obtaining consent capacity in other areas of the hospital via the UBACC tool created by the University of California San Diego. We hope that by validating this screening tool in the Emergency Department, we may provide a standardized method for researchers to streamline the consent process, and make EM research more ethically sound.

Investigating the Neural Stem Cell Life Cycle - Ohio State Department of Neural Stem Cell Research *07/01/2015 - 07/01/2020*
Student Researcher with Dr. Jaime Imitola, MD.

- Directed a team in developing a 3D computational model of the neural stem cell life cycle in vitro, focusing on optimizing conditions for transplantation studies aimed at treating multiple sclerosis.
- Implemented an innovative organoid-culturing model to study neuroinflammation and cell migration dynamics.
- Collaborated extensively with stem cell specialists in various departments to refine protocols for neurosphere modeling.
- Organized and facilitated weekly lab meetings and journal club presentations to explore cutting-edge advancements in Neuroscience.

Neuroinflammation in Spinal Cord Injury - Ohio State Department of Neuroscience *02/01/2015*
Student Researcher - Dr. Michele Basso, PhD.

- Investigated natural treatments of treadmill training to reduce neuroinflammation in mouse models of spinal cord injury.

- Found that exercise directed at specific timepoints post spinal cord injury can result in significant improvement in motor repair and return of functional capabilities.
- Implemented procedural enhancements based on extensive analysis of large data volumes.

Publications:

Schoeffler A, Bashian EJ, Callender N, Geyer ED, More A, Webb T, Butsch JL, Kman NE, Bischof JJ. Implementation of a COVID-19 vaccine emergency department education program for underserved communities. *Cureus*. 2022;14(9):e30972. doi:10.7759/cureus.30972

Southerland LT, Benson KK, Schoeffler AJ, Lashutka MA, Borson S, Bischof JJ. Inclusion of older adults and reporting of consent processes in randomized controlled trials in the emergency department: A scoping review. *JACEP Open*. 2022;3:e12774. doi:10.1002/emp2.12774.

Schoeffler, A, Imitola, J. Generation of Neurosphere-Derived Organoid-Like-Aggregates (NEDAS) from Neural Stem Cells. Current Protocols. 2021 Feb;1(2):e15. PMID: 33534198.

Sylvester P, Schoeffler, A, Bischof J. Utility of Emergency Department Chest Imaging in Patients with Cancer: A Descriptive Study. Journal of Emergency Medicine. 2020 Sep;59(3):396-402. PMID: 32593580.

Bischof JJ, Schoeffler A, Bashian E, Callender N, Fuentes A, Geyer E, More A, Webb T, Kman K. Implementation of a COVID-19 vaccine emergency department education program for underserved communities: A pilot quality improvement project. *Ann Emerg Med.* 2021;78(2S):S11. Abstract 26. doi:10.1016/j.annemergmed.2021.07.027

Presentations/Education:

Schoeffler A, Geyer ED, Bashian E, Callendar N, Fuentes A, More A, Webb T, Bischof JJ, Kman N. Implementation of a COVID-19 vaccine emergency department education program for underserved communities: A pilot quality improvement project. Ohio State University Emergency Medicine Research Day. April 27, 2022.

Geyer ED, Schoeffler A, Bashian E, Callendar N, Fuentes A, More A, Webb T, Bischof JJ, Kman N. Implementation of a COVID-19 vaccine emergency department education program for underserved communities: A pilot quality improvement project. Ohio State University Annual Hospital Medicine Symposium. October 2, 2021.

Schoeffler, A.J., Bashian, E., Callendar, N., Fuentes, A., Geyer, E., More, A., Webb, T., Kman, N.E., Bischof, J.J., Implementation of a Covid-19 Vaccine Emergency Department Education Program for Underserved Communities: A Pilot Quality Improvement Project. Oral presentation at: ACEP Covid-19 Specialty Research Forum ; August, 2021.

Schoeffler, A.J., Eckmann, D., Enhancing Medical Student Education Through Technology and Innovation. Presented at 2020 Healthcare Innovation Summit, Ohio State College of Nursing ; March, 2020 ; Columbus, Ohio.

Schoeffler, A.J. Establishing a high-throughput platform for CRISPR-Cas9 knockout gene sequencing. Presented at 2017 New York Stem Cell Foundation Intern Conference ; August, 2017 ; New York, New York.

Schoeffler, A.J., Watanabe, F., Imitola, J., Preservation of Human Neurogenesis without Cortical self-organization in a neurosphere derived organoid model. Presented at: 2017 and 2018 Denman undergraduate research forum ; November 2017 and 2018 ; Columbus, Ohio.

Schoeffler, A.J., Watanabe, F., Imitola, J., Self-Organization and Organogenesis Program During the Neurosphere Life Cycle. Presented at: 2017 Midwest, Great Lakes Undergraduate Research Symposium ; September, 2017 ; Columbus, Ohio.

Schoeffler, A.J., Watanabe, F., Imitola, J., A Self-organization and Organogenetic Program During the Neurosphere Life Cycle: Implications for Regenerative Potential in Multiple Sclerosis. Presnted at: 2016 Ohio State Undergraduate Research Forum ; October, 2016 ; Columbus, Ohio.
Schoeffler, A.J. “Vibe Coding for the Modern Clinician.” Keynote presentation at the Bay Area Medical Informatics Symposium (BAMIS); 2025; San Francisco, California. Presented to approximately 100 physicians, introducing practical frameworks for AI-assisted software development – covering how to think through software requirements, tool selection, and the iterative process of building clinical applications with minimal traditional coding expertise.

Ultrasound blog post *10/31/2022*
Utility of Pocus for 1st trimester bleeding

- Performed a thorough literature review on emergency department approaches to 1st trimester vaginal bleeding.
- Synthesized a framework for using Beta-hCG levels in combination with point of care ultrasound to diagnose pregnancy.
- Reinforced a novel method for pregnancy confirmation using a linear transducer probe in indeterminate curvilinear exams.
- *Schoeffler, A., & McCafferty, L. (2022, October 31). Intern ultrasound of the month: Utility of Pocus for 1st trimester bleeding in the ed. Utility of POCUS for 1st Trimester Bleeding in the ED. Retrieved November 22, 2022, from https://www.thelandofem.com/blog/2022/10/30/iusotm-pocus-for-1st-trimester-bleeding-in-the-ed*

Honors and Awards

- Won first place for oral presentation at the OSU Emergency Medicine Research Day 04/01/2022
- Won first place for poster presentation at the OSU Hospital Medicine and Med-Peds Symposium 07/01/2021
- The Howard G. and Eldora G. Roshon Memorial Scholarship 06/01/2020
- Butler County Medical Society Foundation scholarship 04/01/2019
- Ohio State Advanced Undergraduate Research Award 03/01/2018
- James L. Gavin Memorial Scholar Award recipient 08/01/2017
- Ohio State Arts and Sciences Research Scholar 07/01/2016
- URO Undergraduate Research Apprentice Award 05/01/2016
- Ohio State University Research Scholar Award recipient 09/01/2015
- Ohio State University Homecoming Court Member 08/01/2017
- Inducted into the Nu-Rho-Psi Neuroscience Honorary 07/01/2016
- Earned the rank of Eagle Scout in Boy Scouts
  07/01/2014

Certifications

- Completion of Stanford: Fundamentals of AI and Machine Learning in Healthcare online course.
- Completion of EPIC: Physician Smart User Courses
- Basic/Advanced/Pediatric/Trauma Advanced Life Support Certification
- Completion of beginner, Intermediate, and Advanced ultrasound certification courses at Ohio State.
- Medically Assisted Training Certification.
  - Buprenorphine waiver training 8-hour course.
- Stop the Bleed Certification
  - Completion of course on stabilization and control of patients with acute bleeding.
- Advanced Competency in Pandemic and Disaster Medicine: COVID-19 Response from Bedside to Federal Level.
  - Completed virtual course on topics including, but not limited to: Incident Command systems, Hazmat awareness, federal disaster preparedness, disaster ethics, biosecurity, outbreak response, pandemic response, mass casualty triage, and terrorism awareness.
  - Completed rel0evant online FEMA certifications, virtual exercises and final examination.
- Institution for Health Improvement Patient Safety Certifications: Improvement Capabilities, Patient Safety, Triple Aim for Populations, Person and Family Centered Care, Leadership.

Hobbies, Interests, Activities

- Love anything outdoors and active – Golfing, skiing, hiking, biking
- Cooking – favorite dish is pasta carbonara, or a classic steak on the grill
- Music – really enjoy playing piano and melodic electronic music
- Favorite sports teams – Ohio State football (Go Bucks!)
- Gaming – currently trying to beat the latest release of Elden Ring

References:

Program Director:
Riley Grosso, MD
Email: Riley.Grosso@uhhospitals.org
Phone: 269-420-7939

Operations Director
Robert Hughes, DO
Email: Robert.Hughes@uhhospitals.org
Phone: 585-734-4865

Assistant Program Director and Mentor
Lauren McCafferty, MD
Email: Lauren.McCafferty@uhhospitals.org
Phone: 859-466-8345