

Madison Nashu MD MS

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Yale New Haven Health- Clinical Instructor and Ultrasound Faculty -New Haven, CT-July 2025-Present

Connecticut License: A194173.

NPI:1679102925

UCI Health Department of Emergency Medicine Clinical Instructor- July 2024 to July 2025

University of California- Irvine- Ultrasound Fellowship- Orange, CA- July 2024-July 2025- Leading initiatives in resident teaching, implemented quarterly pass the pointer, Led>12 research projects at various stages of development, teaching monthly sim conferences, weekly scanning shifts, presentations at multiple conferences, Family Medicine/Internal Medicine attending curriculum formation and implementation, additional med student and undergraduate teaching.

California License: A194173.

NPI:1679102925

Certificates: Resuscitative TEE SURF 2024, Resuscitative TEE UCI

Yale New Haven Health- Emergency Medicine Residency -New Haven, CT-June 2020-June 2024

Chief Resident -2023-24- Medical Education Chief -Pioneering initiatives in procedural teaching, advanced ultrasound teaching, wellness curriculum, and formation of new innovative Medical Education rotation. Chosen through election.

Certifications: ACLS, ATLS, PALS, X-Waiver

Areas of concentration: Ultrasound and Medical Education, CLOUT leadership training,

Certificates: Resident Distinction in Medical Education

University of Toledo Colleges of Medicine and Life Sciences- Toledo, OH- July 2016- May 2020

University of Cincinnati College of Medicine- Cincinnati, OH- August 2014-June 2015

Master of Science (MS) degree in Molecular, Cellular and Biochemical Pharmacology

The Ohio State University - Columbus, OH- September 2007– June 2012

Dual Degree: Bachelor of Science, Biology; Bachelor of Science, Psychology

HONORS/AWARDS/NATIONAL MEMBERSHIPS

Fellow of the Year- University of California Irvine- June 2025

AEUS- Research Fellow of the Year- SAEM Philadelphia 2025

Best Project- Mindray vs Butterfly- EIR-UC Irvine- May 2025 - Awarded to Emrap liasons for this project.

Best Abstract and Poster- Emergencies in Medicine- 2024- Maui- Viability of POCUS for Carotid Artery Pulse checks in CPR

Excellence in Resident Teaching Award- Yale New Haven Hospital- 6/2024

Yale Clinician Educator Distinction- Yale New Haven Hospital- 6/2024

Golden Probe- Excellence in Ultrasound- Yale New Haven Hospital- 6/2024

RAMS Excellence in Education Award- Nomination 2023

SAEM SonoGames- Top 9- SAEM 2022, Top 9- SAEM 2023, Top 5 -2024

Arnold P Gold Humanism Honor Society- 2020

William Rhodes and Jean Clark Rhodes Scholarship- 2019-2020

Golden Scalpel Award- UTCOM 2017

Preceptorship Scholarship-UTCUM, 2017-2018

AWS- National Chapter of the Year -20218

First in Class Award- University of Cincinnati, 2014

Relevant Memberships-EMRA , ACEP (Connecticut, California and National Member), AEUS, AAEM , AWAEM, SAEM, SCUF

LEADERSHIP

Yale Emergency Medicine Chief Resident- YNHH- April 2023- June 2024- Detailed Above

Yale Emergency Medicine Recruitment Director- YNHH- June 2022- June 2023- Led in the recruitment of a full complement of residents in the 2022-23 residency interview season, organizing interviews, first looks, conference tables, pre-interview socials, and second look events.

Yale Emergency Medicine Wellness Director- YNHH- June 2022- June 2023- Led in the initiative on and implementation of various wellness events within the emergency medicine residency and the ED at large including social events, recognition awards, wellness retreats, and organization of resident resources.

Graduate Medical Education Executive Subcommittee- YNHH- June 2022- June 2024- One of 4 resident advisors for the Yale House Staff organization. Resident representative in discussions of changes in graduate medical education, voting on policies and changes.

Graduate Medical Education Committee- Resident Representative- YNHH- July 2020- June 2024- Four-year member of the graduate medical education committee at Large- Vote on implementation of new leaders within GME at Yale in all departments, voting member in disciplinary and remediation issues amongst programs, and key member in policy changes and information dissemination.

Annual Ronald McDonald Holiday Drive- Organizer- UC/UT/YNHH- 2014- Present - Independently organize a toy drive for the families of children staying in the hospital over the holiday season. Founded, organized, publicized, and carried out all aspects of this annual event, on average collecting and distributing \$2500-\$3000 in donations annually.

Emergency Medicine Committees- YNHH-2020-2024 Residency Recruitment, Wellness, Community Service Committee, Swag Sale- Active member of all of the above committees

AWAEM- Awards Committee- July 2021- June 2024

SAEM- Wellness and Speed Mentoring Committee- July 2021- May 2023

Abridged Summary of UTCOM Medical School Activities: *Admissions Committee-* 2017- June 2020, *Rocket Launch-* Director 2017-2019, *EME* 2016-2018, *AMSA- Medicine Ball Chair* 2016-2018, *AWS- Treasurer* 2016-2018, *Medical Student Council-* 2016-2020 *Medical Students for Choice-* President 2016-2018, *PEOPLE (LGBTQ+)-* President 2016-2018

PEER REVIEWED PUBLICATIONS

1. Vasiliauskas J, **Nashu MA**, Pathrose P, Starnes SL, Waltz SE. Hepatocyte growth factor-like protein is required for prostate tumor growth in the TRAMP mouse model. *Oncotarget*. 2014 Jul 30;5(14):5547-58. PubMed PMID: 24980820; PubMed Central PMCID: PMC4170603
2. Privette Vinnedge LM, Benight NM, Wagh PK, Pease NA, **Nashu MA**, Serrano-Lopez J, Adams AK, Cancelas JA, Waltz SE, Wells SI. The DEK oncogene promotes cellular proliferation through paracrine Wnt signaling in Ron receptor-positive breast cancers. *Oncogene*. 2015 Apr 30;34(18):2325-36. doi: 10.1038/onc.2014.173. PubMed PMID: 24954505; PubMed Central PMCID: PMC4275425.
3. Osterburg AR, Nelson RL, Yaniv BZ, Foot R, Donica WR, **Nashu MA**, Liu H, Wikenheiser-Brokamp KA, Moss J, Gupta N, McCormack FX, Borchers MT. NK cell activating receptor ligand expression in lymphangiomyomatosis is associated with lung function decline. *JCI Insight*. 2016 Oct 6;1(16):e87270. PubMed PMID: 27734028; PubMed Central PMCID: PMC5053147.
4. Brown NE, Paluch AM, **Nashu MA**, Waltz SE. Tumor Cell Autonomous RON Receptor Expression Promotes Prostate Cancer Growth Under Conditions of Androgen Deprivation. *Neoplasia* Volume 20, Issue 9, September 2018, Pages 917-929. PMID: 30121008
5. Sun WW, Goldflam K, Pennington ZT, Derks L, Coates WC, **Nashu MA**, Hossin T, Clark A, Tsyrlunik A, Linden JA. Quick to connect: a comparison of virtual and in-person speed mentoring for emergency medicine medical students, residents by faculty at a national conference. *Int J Emerg Med*. 2025 Mar 3;18(1):42. doi: 10.1186/s12245-025-00860-0. PMID: 40033204; PMCID: PMC11877889.
6. Gossett, N., Nguyen, M. T., Almong, R., **Nashu, M.**, Hsu, E., Guy, M., Goubert, R., & Fox, J. (2025). Retrospective Analysis of eFAST Exams to Detect COVID-19 in Trauma Patients. In Revisions for Publication.

PRESENTATIONS AND MEDICAL EDUCATION INITIATIVES

Intern Orientation Lectures and Courses:

- **Emergencies in Obstetrics. Intern Orientation.** Yale University. June 2023
- **Street Smarts: How to Succeed in the Yale ED.** Intern Orientation. Yale University. June 2023
- **Crit Care- Intern Edition.** Intern Orientation. Yale University. June 2023
- **Intern Airway Day:** Intern Orientation. Yale University. July 2024

Resident Conference:

- **Lessons Learned in Residency.** Resident Conference. Yale University. July 2023
- **Journal Club- Clovers Trial.** Resident Conference. Yale University. Oct 2023
- **Bad Outcomes.** Resident Conference. Yale University. November 2023
- **Family Feud Neuro Review.** December 2023
- **Residency Leadership Time.** 2x/month from April 2023-May 2024
- **Eleventh Hour ITE Review.** Yale University. Series of 8: from Jan 2024-Feb 2024
 - **Intro to the ITE**
 - **Unstable C spine Fractures**
 - **Must Know EKGs- Ischemic**
 - **Must Know EKGs- Nonischemic**
 - **High Yield Equations and Charts**
 - **Fractures**
 - **Toxins and Antidotes**
 - **Last Minute Review**
- **ITE Pub Trivia Review:** Feb 2024
- **Face The Facts.** Facial Trauma Emergencies. UCI. Resident Conference: 10/2/2024
- **Pass the Pointer.** UCI. Resident Conference: 10/16/24, 1/20/25, 4/16/25
- **“Mold Names”-Gamification of Code Names for Toxicological Emergencies.** UCI. Resident Conference: 2/26/25
- **“Cold Names”-Gamification of Code Names for Environmental Emergencies.** UCI. Resident Conference: 4/16/25

Morning Report Presentations:

- **Defend the MAP- Guide to Pressors.** Yale University. August 2023
- **SCAPE.** Yale University. August 2023
- **Dog Bites.** Yale University. August 2023
- **How to Clear a Collar-** Morning Report. Yale University. August 2023
- **Ankle Fractures.** Yale University. August 2023
- **Potassium and EKGs.** December 2023
- **Crit Care Relay.** September 2023
- **A Line Set Up.** September 2023
- **Blakemore Basics.** September 2023
- **How to Read a Chest Xray.** November 2023
- **How to Read a Knee Xray.** November 2023
- **How to Read an Ankle Xray.** November 2023
- **Median Nerve Blocks.** January 2024
- **Radial and Ulnar Nerve Blocks.** January 2024
- **Face Blocks.** January 2024
- **Dog Bites.** Yale University. August 2023

Infographics and Newsletters:

- **52 Procedures in 52 Weeks.**
 - **52 Part Series of One Page Procedural Guidelines:**
 - **Produced and published weekly from July 2023-June 2024**
 - Full Works Here: <https://www.yaleem.org/procedure-of-the-week>
- **Medical Education Report:** Quarterly Update of all Ongoing Medical Education Initiatives
- **Debrief with the Chief:** Monthly News letter for Residents and Faculty

PRESENTATIONS AND MEDICAL EDUCATION INITIATIVES, CONT.

SIM Conference Presentations

- **Methanol and Toxic Alcohols.** Sim Conference. Yale University. July 2022
- **Neurocysticercosis and Seizures.** Sim Conference. Yale University. March 2021
- **Sign Out Scaries.** How To Triage Your Sign Out. Sim Conference. Yale University. Dec 2023
- **Aorta and IVC.** UCI. Resident Simulation Conference: 9/18/24
- **Trauma Nerve Blocks.** UCI. Resident Simulation Conference: 10/16/24
- **Erector Spinae Nerve Block.** UCI. Resident Simulation Conference: 2/5/24

Curriculum Design:

- **Toxicology.** YNHH. Design and Implementation of 100% FOAM Curated One Week Toxicology Curriculum
- **Medical Education.** YNHH. Design and Implementation of 3 Week Senior Resident MedEd Curriculum
- **Cardiology.** YNHH. Design and Implementation of 2-Week EKG and Cardiology Elective Curriculum
- **Advanced Ultrasound Teaching.** YNHH. Design and Implementation of 4-week Advanced US Curriculum
- **PULSE:** 4 Session Course: Basic and Advanced Ultrasound training for family medicine and hospitalist providers

Interdepartmental and Interdisciplinary Fast Training for Trauma Attendings and Staff. 8/15/2024- University of California Irvine

Aortic and Renal Pathology. Navy Regional Conference: 8/22/24-8/23/24 San Diego

Carotid Pulse Check Training. EMRAP Liaison Training. 10/8/24

PULSE- Point-of-care Ultrasound Learning and Scanning Experience course: UCI- 2024-2025 Organized and taught at four session CME- accredited ultrasound learning course for hospitalists, family medicine providers, and EM Providers.

Pre-Hospital Blood Administration. Mammoth EM Conference- 3/11/25

Finding Space for Relief- Prioritizing Nerve blocks in Busy ED- April 2025. Western SAEM. Irvine, CA- New Speakers Forum

Nerve Block Session Instructor- May 2025- SAEM 2025. Philadelphia, Pennsylvania.

Ultrasound Bootcamp- June 2025- University of California- Irvine

Intro to Research in Fellowship- July 2025- FAB Collaboration- Virtual

Beyond Bone Deep- Intro to MSK POCUS- Sept 2025. Yale POCUS Course- Newport, RI

ABSTRACTS AND POSTERS

Juoas Vasiliauskas, **Madison A. Nashu**, and Susan E. Waltz. **HGFL is Required for Prostate Tumorigenesis.** AACR. Prostate Cancer. San Diego, California. January 6th, 2014. Abstract/poster/Oral presentation.

Nancy Benight, **Madison A. Nashu**, Susan E. Waltz. **Identifying the Role of Ron and HGFL in Breast Cancer Recurrence and Resistance.** Cancer Therapeutics T32 Meeting. September 30th, 2014. Abstract/Poster

Nicholas E. Brown, Andrew M. Paluch, **Madison A. Nashu**, Susan E. Waltz. **The Ron Receptor Drives Resistance to Androgen Ablation Therapy in Prostate Cancer.** AACR-The Function of Tumor Microenvironment in Cancer Progression. San Diego, California. January 8th, 2016. Abstract/Poster

Nancy Benight, **Madison A. Nashu**, Abby Johnson, Susan E. Waltz. **A Role for Ron Receptor signaling in modulating the Anti-Tumor Response.** UC Breast Cancer Conference. Cincinnati, Ohio. February 8th, 2016. Abstract/Poster

ABSTRACTS AND POSTERS, CONT.

N.M. Nikolaidis, J.G. Noel, L.B. Pitstick, J.C. Gardner, Y. Uehara, H. Wu, **M.A. Nashu**, A. Saito, K.E. Lewnard, M.R. White, K. Hartshorn, F.X. McCormack. **The Proliferative State of Alveolar Type II Cells Determines Susceptibility to Influenza Pneumonia.** ATS. May 2016. Abstract/Poster/Oral presentation

Madison Nashu. Urinary Biomarkers in Diagnosing and Tracking Prostate Cancer. Review of current literature. Resident Conference. University of Toledo College of Medicine. Nov 15th 2018.

Madison A. Nashu, Mohamad A. Moussa. **Using a Fourth Year Medical School Emergency Ultrasound Elective to Teach Ultrasound-Guided Central Line Placement.** AAMC Central Group of Educational Affairs (CGEA) Regional Meeting. Grand Rapids, MI. March 27, 2019.

Wendy S, Katja G, Wendy C, Zach P, **Madison N**, Lucia D, Tamana H, Avery C, Judy L. **Quick to Connect: A Comparison of Virtual and In-person Speed Mentoring for Emergency Medicine Medical Students, Residents by Faculty at a National Conference"** In preparation

Madison Nashu Nick Srica. **Implementing a Three Week Medical Education Curriculum for Emergency Medicine Residents: Innovations and Outcomes.** 4th Year Research Day. May 2024

Madison Nashu MD MS, Luke Garcia, Yoav Weber, Ron Goubert MD, Soheil Saadat, MD, MPH, PhD; Roy Almog, MD; Megan Guy, MD; John Fox, MD. EIM 2024. 12/7/2024. Maui, Hawaii. **Viability of Point- Of- Care Ultrasound for Carotid Artery Pulse checks in CPR.** EIM 2024. Dec 2024. Maui, Hawaii.

Edmund Hsu, MD; **Madison Nashu, MD**; Omid Haghighi; An Truong; Ronald Goubert, MD; Roy Almog, MD; Megan Guy, MD; Soheil Saadat, MD, MPH, PhD; John Fox, MD. EIM 2024. Dec 2024. Maui, Hawaii. **Comparing Traditional Ultrasound Didactic Training to Butterfly's Scanlab Application For Instructing Ultrasound Image Acquisition-** Abstract/poster/Oral presentation

Ronald Goubert, MD; Cecilia Chiou; Ryan Rokerya; **Madison Nashu, MD**; John Fox, MD; Dinora Chinchilla, MD. EIM 2024. Dec 2024. Maui, Hawaii. **Evaluation of Prototype Continuous Blood Pressure Measurement Device Compared to Arterial Line -** Abstract/Poster/Oral presentation

Madison A Nashu, MD; Ronald Goubert, MD; Roy Almog, MD; Cecilia Chiou; Ryan Le; Megan Guy, MD; Soheil Saadat, MD, MPH, PhD; Edmund Hsu, MD; John Fox, MD. EIM 2024. Dec 2024. Maui, Hawaii. **Barriers to Emergency Physicians' Adoption of Point-of-Care Ultrasound: A Survey Analysis-** Abstract/Poster

Soheil Saadat, MD, MPH, PhD; Brandon Ton, Shaddi Lahham, **Madison Nashu MD**, MS John Fox MD, EIM 2024. Dec 2024. Maui, Hawaii. **Point- Of- Care Ultrasound as a Tool to Diagnose Diastolic Dysfunction.** Abstract/Poster

Nick Srica MD, **Madison Nashu MD MS**, Rachelle Perkins MD. NERDS 2025. April 2025. Boston, MA. **Implementing a Novel Three-Week Medical Education Curriculum for Emergency Medicine: Innovations and Outcomes-**Abstract/Poster

Madison Nashu MD MS, Luke Garcia, Yoav Weber, Ron Goubert MD, Soheil Saadat, MD, MPH, PhD; Roy Almog, MD; Megan Guy, MD; John Fox, MD. SAEM 2025. Philadelphia, Pennsylvania. **Viability of Point- Of- Care Ultrasound for Carotid Artery Pulse checks in CPR. -** Abstract, Presentation

Madison Nashu, MD MS; Jordan Lam; Zarak Khan; Soheil Saadat, MD, MPH, PhD; Ronald Goubert, MD; Roy Almog, MD; Edmund Hsu, MD, MS; Megan Guy, MD; J Christian Fox, MD. MEMC 2025. Budapest, Hungary. **Methamphetamine Use and the effects on Reduced Cardiac Ejection Fraction**

Madison Nashu, MD MS; Luke Garcia, Yoav Weber, Ron Goubert MD, Soheil Saadat, MD, MPH, PhD; Roy Almog, MD; Megan Guy, MD; John Fox, MD MEMC 2025. Budapest, Hungary. **Viability of Point- Of- Care Ultrasound for Carotid Artery Pulse checks in CPR. -** Abstract, Presentation

Madison Nashu, MD MS; Jordan Lam; Zarak Khan; Soheil Saadat, MD, MPH, PhD; Ronald Goubert, MD; Roy Almog, MD; Edmund Hsu, MD, MS; Megan Guy, MD; J Christian Fox, MD. ACEP 2025. Salt Lake City, Utah. **Duration and Frequency of Methamphetamine Use and Associated Reduced Cardiac Ejection Fraction**

WORK AND RESEARCH EXPERIENCE

Plastination Associate- **University of Toledo College of Medicine**. Carlos Baptista MD, PhD, MS, MPH, August 2017- June 2020

Academic Tutor-**University of Toledo College of Medicine**, Jessica Faber, June 2018- June 2020

Anatomy Preceptorship-**University of Toledo College of Medicine**- Dept. of Neuroscience, Carlos Baptista MD, PhD, MS, MPH, May 2017-August 2017 (40 hrs/week)

Research Associate- **University of Cincinnati College of Medicine**- Dept. of Internal Medicine, Division of Pulmonology and Critical Care, Dennis McGraw MD, Francis McCormack MD July 2015- July 2016 (40-50 hrs/week)

Graduate Researcher- **University of Cincinnati College of Medicine**- Dept. of Internal Medicine, Michael Borchers, PhD, August 2014-July 2015—(10-15 hrs/week)

Research Assistant- **University of Cincinnati College of Medicine**- Dept of Cancer Biology, Susan Waltz, PhD, August 2012-August 2014 —(50hrs/week)