Stanford



Evan Baum, MD

Clinical Assistant Professor, Medicine

CLINICAL OFFICE (PRIMARY)

- **Medicine**

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Bio

BIO

Dr. Evan Baum is a Clinical Assistant Professor in the Division of Hospital Medicine at Stanford University. He is an academic hospitalist whose work centers on medical education, point-of-care ultrasound, and the integration of innovative technologies into bedside care. He earned his MD from the Warren Alpert Medical School of Brown University and completed his residency at Stanford University.

Dr. Baum is deeply committed to advancing point-of-care ultrasound education and scholarship. He serves as Co-Director of the Longitudinal POCUS Curriculum for internal medicine residents and as Co-Director of Education for the Stanford Hospital Medicine POCUS group, where he leads faculty development initiatives. He has taught at national POCUS CME courses, including at UCSF and UT San Antonio.

His research focuses on clinical and educational applications of POCUS, particularly the use of artificial intelligence to enhance image acquisition, diagnostic accuracy, and trainee learning. He has co-led randomized trials evaluating AI-assisted cardiac ultrasound acquisition and educational outcomes.

Dr. Baum is an active educator across the continuum of training, teaching clinical reasoning, physical diagnosis, and bedside ultrasound to medical students, physician assistant students, and residents. He is a Rathmann Family Foundation Fellow in Medical Education, where he is developing and evaluating a patient-centered communication framework to improve code status discussions.

Through his clinical work, scholarship, and leadership, Dr. Baum seeks to strengthen bedside medicine by combining rigorous education, thoughtful mentorship, and emerging technologies that improve diagnostic precision and patient-centered care.

CLINICAL FOCUS

- Internal Medicine
- Hospital Medicine

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Medicine

PROFESSIONAL EDUCATION

- Board Certification: Internal Medicine, American Board of Internal Medicine (2023)
- Residency: Stanford University Internal Medicine Residency (2023) CA
- Medical Education: Brown University Alpert Medical School (2020) RI

Publications

PUBLICATIONS

- **Limited echocardiogram acquisition by novice clinicians aided with deep learning: A randomized controlled trial.** *Biology methods & protocols*
  Kumar, A., Baum, E., Parmer-Chow, C., Kugler, J.
  2025; 10 (1): bpaf083
- **Acquisition of Cardiac Point-of-Care Ultrasound Images With Deep Learning: A Randomized Trial for Educational Outcomes With Novices** *CHEST Pulmonary*
  Baum, E., Tandel, M. D., Ren, C., Weng, Y., Pascucci, M., Kugler, J., Cardoza, K., Kumar, A.
  2023; 1 (3)
- **Positron Emission Tomography Imaging Evaluation of a Novel 18F-Labeled Sigma-1 Receptor Radioligand in Cynomolgus Monkeys.** *ACS chemical neuroscience*
  Jia, H., Cai, Z., Holden, D., He, Y., Lin, S. F., Li, S., Baum, E., Shirali, A., Kapinos, M., Gao, H., Ropchan, J., Huang, Y.
  2020; 11 (11): 1673-1681
- **Synthesis and Preclinical Evaluation of an 18F-Labeled Synaptic Vesicle Glycoprotein 2A PET Imaging Probe: [18F]SynVesT-2.** *ACS chemical neuroscience*
  Cai, Z., Li, S., Zhang, W., Pracitto, R., Wu, X., Baum, E., Finnema, S. J., Holden, D., Toyonaga, T., Lin, S. F., Lindemann, M., Shirali, A., Labaree, et al
  2020; 11 (4): 592-603
- **A Novel 18F-Labeled Radioligand for Positron Emission Tomography Imaging of 11β-Hydroxysteroid Dehydrogenase (11β-HSD1): Synthesis and Preliminary Evaluation in Nonhuman Primates.** *ACS chemical neuroscience*
  Baum, E., Zhang, W., Li, S., Cai, Z., Holden, D., Huang, Y.
  2019; 10 (5): 2450-2458
- **PET Imaging Evaluation of Four σ1 Radiotracers in Nonhuman Primates.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
  Baum, E., Cai, Z., Bois, F., Holden, D., Lin, S. F., Lara-Jaime, T., Kapinos, M., Chen, Y., Deuther-Conrad, W., Fischer, S., Dukic-Stefanovic, S., Bunse, P., Wünsch, et al
  2017; 58 (6): 982-988
- **Imaging synaptic density in the living human brain.** *Science translational medicine*
  Finnema, S. J., Nabulsi, N. B., Eid, T., Detyniecki, K., Lin, S. F., Chen, M. K., Dhaher, R., Matuskey, D., Baum, E., Holden, D., Spencer, D. D., Mercier, J., Hannestad, et al
  2016; 8 (348): 348ra96
- **Highly tin-selective stille coupling: synthesis of a polymer containing a stannole in the main chain.** *Angewandte Chemie (International ed. in English)*
  Linshoeft, J., Baum, E. J., Hussain, A., Gates, P. J., Näther, C., Staubitz, A.
  2014; 53 (47): 12916-20