



Mr Brian Travis Rice

Clinical Assistant Professor, Emergency Medicine

CLINICAL OFFICES

- **Stanford Dept of Emergency Medicine**

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Bio

BIO

Brian Rice is a Clinical Assistant Professor in the Department of Emergency Medicine at the Stanford University School of Medicine. He is a new member of the Stanford Emergency Medicine International group with a focus on research including applied epidemiology to guide development efforts.

Dr. Rice was granted his MDCM from the McGill University Faculty of Medicine in 2008. He did a preliminary year in Internal Medicine at St. Mary Medical Center in Long Beach, CA followed by the completion of his Emergency Medicine Residency at Los Angeles County + USC, graduating in 2012. After residency, he completed a Fellowship in Global Health and International Emergency Medicine via a combined program at Yale University and the London School of Hygiene and Tropical Medicine where he received a MSc in Tropical Medicine and International Health as well as a Diploma in Tropical Medicine and Hygiene in 2014. His first attending job was at NYU/Bellevue where he worked clinically and continued his role as Research Director of Global Emergency Care, a US and Ugandan-based NGO focused on providing “task-shifting” training in emergency medicine for non-physician clinicians in regions that did not have physician services.

His research work has focused on validating task-shifting in emergency medicine by looking at outcomes and quality indicators, as well as applied epidemiological studies attempting to link chief complaints to outcomes in low-resource settings to rationally develop models for care. His clinical interests are focused on fever in the returned traveler and zoonotic infections. He has worked clinically in Thailand, Cambodia, Liberia and Uganda and has been an invited speaker both nationally and internationally for his research work.

CLINICAL FOCUS

- Emergency Medicine
- Applied Epidemiology
- Global Health

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Emergency Medicine

PROFESSIONAL EDUCATION

- Residency: LACplusUSC Emergency Medicine Residency (2012) CA
- Fellowship: Yale University Office of the Registrar (2014) CT
- Board Certification: Emergency Medicine, American Board of Emergency Medicine (2013)
- Internship: St Mary Medical Center Internal Medicine Residency (2009) CA
- Medical Education: McGill University Faculty of Medicine (2008) Canada

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Developing data-driven approaches to defining and comparing chief complaints from emergency and unscheduled acute care in low- and middle-income countries

Publications

PUBLICATIONS

- **Derivation and validation of a chief complaint shortlist for unscheduled acute and emergency care in Uganda** *BMJ OPEN*
Rice, B., Bisanzo, M., Maling, S., Joseph, R., Mowafi, H., Global Emergency Care Investigator, Study Grp
2018; 8 (6): e020188
- **What resources are used in emergency departments in rural sub-Saharan Africa? A retrospective analysis of patient care in a district-level hospital in Uganda** *BMJ OPEN*
Bitter, C., Rice, B., Periyanyagam, U., Dreifuss, B., Hammerstedt, H., Nelson, S. W., Bisanzo, M., Maling, S., Chamberlain, S.
2018; 8 (2): e019024
- **Pediatric Burn Management by Emergency Medicine Trained Non-Physician Clinicians in Rural Uganda** *EC Paediatrics*
Pelis, M., Miller, S., Terry, B., Bisanzo, M., Maling, S., Modi, P., Periyanyagam, U., Rice, B.
2018; 7 (4): 239-245
- **Pediatric Poisonings in a Rural Ugandan Emergency Department.** *Pediatric emergency care*
Boyle, K. L., Periyanyagam, U., Babu, K. M., Rice, B. T., Bisanzo, M.
2017
- **Mortality in Children Under Five Receiving Nonphysician Clinician Emergency Care in Uganda.** *Pediatrics*
Rice, B., Periyanyagam, U., Chamberlain, S., Dreifuss, B., Hammerstedt, H., Nelson, S., Maling, S., Bisanzo, M.
2016; 137 (3): e20153201
- **Not your regular high: cardiac dysrhythmias caused by loperamide.** *Clinical toxicology (Philadelphia, Pa.)*
Wightman, R. S., Hoffman, R. S., Howland, M. A., Rice, B., Biary, R., Lugassy, D.
2016; 54 (5): 454–58
- **Survey of point of care ultrasound usage in emergency medicine by Vietnamese physicians.** *Emergency medicine Australasia : EMA*
Rice, B. T., Vu, H., Tran, L. D., Vo, Q. X., Mowafi, H.
2015; 27 (6): 580–83
- **Fever in the returning traveler.** *Emergency medicine clinics of North America*
Kotlyar, S., Rice, B. T.
2013; 31 (4): 927–44
- **Intramedullary spinal neurocysticercosis presenting as brown-sequard syndrome.** *The western journal of emergency medicine*
Rice, B., Perera, P.
2012; 13 (5): 434–36