

Resident Physician, Emergency Medicine

Baylor
College of
Medicine

MD, Medicine (2019)
Thomas Jefferson University

Clinical Fellow, Healthcare Innovation (2018)
Thomas Jefferson University

MS, Global Medicine (2014)
Keck School of Medicine of USC

Graduate Fellow, Medical Ethics (2014)
Levan Institute for Humanities & Ethics

BA, Psychology (2014)
University of Southern California

Fellow, Polymathic Study (2014)
Sidney Harman Academy for Polymathic Study

National Leadership

National Representative Council, Emergency Medicine Residents' Association
Fall 2019 – Fall 2020



- Represented Baylor College of Medicine's Emergency Medicine Program on EMRA's Representative Council
- Reviewed, summarized, and discussed potential resolutions to shape EMRA's policy handbook with my co-residents and colleagues from other programs across the US; Served as liaison between my co-residents and our professional organization

Board of Trustees, American Medical Student Association
Student Editor, The New Physician by AMSA
Fall 2015 – Fall 2016



- Employed diplomacy in balancing the values of AMSA's flagship publication with those of the organization as a whole
- Reviewed and voted on all changes and decisions that guided AMSA's policies and principles as an organization
- Set vision for The New Physician (TNP); Led TNP's Editorial Advisory Board in achieving vision; Edited and published articles
- Democratized TNP's submission process to showcase diverse voices from AMSA's membership; Mentored novice writers

Editorial Advisory Board, The New Physician by AMSA
Fall 2014 – Fall 2015



- Served on the Editorial Advisory Board for AMSA's flagship publication, The New Physician (TNP)
- Edited content that was published in TNP; Wrote for TNP; Mentored writers

**Transferable
Knowledge**

*Debate
Roberts' Rules
Organized Medicine*

*Resolution and Policy Review
Informed Advocacy
Diplomacy*

Design & Innovation

Co-Founder, DICE XR Lab at Jefferson

Product Innovation Lead, DICE XR Lab at Jefferson

Research Lead, DICE XR Lab at Jefferson

Fall 2017 – Summer 2018

- Strategized and launched Jefferson's hub for Extended Reality (XR) innovation in healthcare, which encapsulates efforts in education, consulting, research, and product development; Directed product development efforts
- Invented a voice-controlled virtual reality Code Blue simulator; Led a team of designers and developers in creating its first iteration; Analyzed provider needs and reviewed simulation landscape to create a unique and useful experience for trainees
- Conceptualized and designed research examining the impact virtual reality can have on patients during outpatient cardiac rehabilitation; Negotiated resourcing and start-up collaboration for cardiac rehabilitation study as its lead investigator
- Developed and presented vision, value proposition, and implementation strategy to DICE and Jefferson C-suite to secure further investments for the XR Lab

Clinical Lead, DICE Cognitive Patient Room Initiative

Summer 2017 – Spring 2018

- Provided clinical context and leadership for an initiative that uses artificial intelligence (AI) to give patients more control over their experience and environment in the hospital; Interfaced with designers and developers to use Google and IBM's AI platforms to create Jefferson's own "Alexa"-like device that could respond to patients' requests and questions
- Developed protocol to ensure patient safety and direct sustainable rollout of the initiative's device into clinical settings
- Designed research study to examine the efficacy of the initiative using patient experience and healthcare delivery metrics

Presentations & Podcasts

- Krishnamani P. (2019). **Human Centered Innovation: Approaching Digital Innovation in an Evolving Healthcare Ecosystem**
Keynote presented at Christiana Care Hospital System **Grand Rounds**, Newark, DE.
- Krishnamani P. (2019). **The Virtual Health Toolbox: How Emerging Technologies Can Enhance Healthcare Quality & Access**
Lecture presented at **Virtual Healthcare Congress**, Las Vegas, NV.
- Krishnamani P. (2018). **Transforming Clinical and Patient Education with Virtual Reality.**
Workshop presented at **Stanford Medicine X | ED**, Menlo Park, CA.
- Krishnamani P. (2018). **The Virtual Reality of Healthcare.**
Lecture presented at **IDSA Medical Design Conference**, Boston, MA.
- Krishnamani P. (2018). **The Flip Side: How Medicine Can Transform Virtual Reality.**
Lecture presented at VR & Healthcare Symposium at **Harvard Medical School**, Boston, MA.
- Krishnamani P, Moyer T. (2017). **AI, Voice UI & Our Pursuit of Enhancing the Patient Experience.**
Lecture presented at PhillyCHI World Usability Day at **Bresslergroup**, Philadelphia, PA.
- Krishnamani P. (2017). **Get involved with design in medicine** [Podcast episode].
Interview by P.Thomson. On **AMSA ad lib**. Washington, DC: American Medical Student Association.



**Transferable
Knowledge**

*Oral Presentation
Visual Communication
Audience Engagement*

*Multidisciplinary Leadership
Human Centered Design
Situational Awareness*

Refugee Health



Clinic Director, Refugee Health Partners at Jefferson

Spring 2018 – Spring 2019

- Refugee Health Partners (RHP) is an organization at Thomas Jefferson University that strives to provide multifactorial care and support for refugee communities in Philadelphia; Activities include community urgent care clinics, advocacy services, health fair participation, and educational outreach
- Communicated with refugee community leaders and clinical preceptors to coordinate community urgent care clinics for Philadelphia's refugee population; Directed clinic operations and managed patient flow at clinics

Vice President, Refugee Health Partners at Jefferson

Spring 2015 – Spring 2016

- Launched RHP's web presence and Managed RHP's relationship with Jefferson to ensure the organization was able to carry out its mission with the university's auspices; Enabled RHP's committees to carry out work that addressed barriers to health that stemmed from the social factors that hindering care in the refugee community

Student Physician, Refugee Health Partners Community Urgent Care Clinics

Fall 2014 – Spring 2019

- Volunteered throughout medical school at monthly community care clinics for Philadelphia's refugee population
- Worked with translators to build rapport and address clinical concerns that refugee patients presented with; Triaged to a higher level of care if a need for such care was identified; Provided brief health education and referrals for patients

Presentations

- Krishnamani P. (2016). **Deconstructing the Syrian Refugee Crisis.**
Lecture presented at Introduction to Epidemiology course at the **University of Delaware**, Newark, DE.
- Krishnamani P. (2016). **The Role of Culture in Caring for Refugees.**
Lecture presented at **AMSA National Convention**, Washington, DC.
- Krishnamani P. (2016). **Refugee Health.**
Lecture presented at Introduction to Global Health course at the **University of Delaware**, Newark, DE.
- Krishnamani P. (2016). **Designing for Refugee Health.**
Workshop presented at the **University of Maryland**, College Park, MD.

Publications & Podcasts

- Krishnamani P. (2016). **Physicians and the refugee's journey** [Podcast episode].
Interview by P. Thomson. On **AMSA ad lib**. New York City, NY: American Medical Student Association.
- Krishnamani P. (2016, November). **They are Human: Thoughts on the Syrian refugee crisis.** *The New Physician*, 65(6), 11-12.
- Krishnamani P. (2016, October). **Crossing the Divide: Navigating cultural and language barriers in immigrant populations.** *The New Physician*, 65(5), 14-17.
- Krishnamani P. (2016, June). **Undernutrition in Refugee Children.** *Delaware Journal of Public Health*, 2(3), 8-9.

**Transferable
Knowledge**

Servant Leadership
Written Communication
Managing Social Factors of Care

Organizational Development
Cross-Cultural Care
Education

Global Health



Research Collaborator, Università Cattolica WHO Collaborating Center (Rome, Italy)
Spring 2019

- Partnered with Italian physician researchers to explore what is required of future leadership in the WHO European region in the face of the Syrian Refugee crisis and a changing political climate in Europe
- Observed the Italian healthcare system in person, particularly centers with an impact on migrant health



Consultant, Institute for Child Health (Chennai, India)
Summer 2015

- Developed goals and designed analyses for a UNICEF-funded project examining neonatal interventions and outcomes in a sick neonatal care unit in Chennai, India; Worked with hospital and UNICEF regional representatives to begin developing recommendations for policy guidelines to improve neonatal outcomes at government hospitals across India

Publications, Presentations, & Podcasts

- Krishnamani P. (2019). **The Future Landscape of Global Health.**
Panelist, **Il Festival Della Salute Globale** at Universitas degli Studi di Padova, Padova, Italy
- Krishnamani P. (2016). **How to end your "Us vs. Them" attitude in Global Medicine** [Podcast episode].
Interview by P. Thomson. On **AMSA ad lib**. New York City, NY: American Medical Student Association.
- Krishnamani P, O'Neill J. (2016, September). **Examples Abroad: Models of Healthcare Delivery in Great Britain and Switzerland.** *The New Physician*, 65(4), 22-25.
- Krishnamani P. (2015, November). **Where the Waiting Rooms Have No Chairs.** *The New Physician*, 64(4), 22-25.

Research



Research Collaborator, ED Coronavirus Research Group at BCM
Spring 2020

- Partner with co-residents and attending physicians in studying the clinical impact and presentation of COVID-19

Research Collaborator, Amen Clinics Research Group
Fall 2014 – Spring 2017



- Partnered with the Amen Clinics Research Group in reviewing literature and PET scan analyses to identify neuroimaging biomarkers that differentiate between psychiatric disorders that present similarly to one another in a clinical setting

Publications & Posters

- Amen DG, Krishnamani P, Meysami S, Newberg A, Raji CA. (2017, February). **Classification of Depression, Cognitive Disorders, and Co-Morbid Depression and Cognitive Disorders with Perfusion SPECT Neuroimaging.** *Journal of Alzheimer's Disease*, 56.
- Krishnamani P, Newberg A. (2015). **Neuroimaging Biomarkers for ADHD and BD: A Systematic Review.** Poster presented at Jefferson AOA Research Symposium, Philadelphia, PA.

**Transferable
Knowledge**

**Teamwork
Scientific Method
Remote Collaboration**

**Low-Resource Clinical Care
International Medicine
Global Development**