

Anish Sanjay Shah

Cardiology Fellow

Curriculum Vitae

December 12/04/20, 2020

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Cardiology fellow with an interest in autonomic dysfunction, heart rate variability, epidemiology, biostatistics, and point-of-care ultrasonography.

Academic Qualifications and Positions

Education

2007–2011	Bachelor of Science <ul style="list-style-type: none">➤ Linguistics➤ Neuroscience & Behavioral Biology	Emory University College of Arts and Sciences
2012–2016	Doctor of Medicine	Texas A&M University College of Medicine
2019–2021	Master of Science <ul style="list-style-type: none">➤ Clinical Research	Emory University Laney Graduate School

Clinical Training

2016–2019	J. Willis Hurst Internal Medicine Residency <ul style="list-style-type: none">➤ Distinction in Teaching and Leadership	Emory University School of Medicine
2020–2024	Cardiology Fellowship <ul style="list-style-type: none">➤ T32 Research Track	University of Illinois Chicago School of Medicine

Academic Appointments

2020–2024	Cardiology Fellowship <ul style="list-style-type: none">➤ Research-track, clinical fellow at University of Illinois Hospital and Jesse Brown VA	University of Illinois Chicago School of Medicine
2019–2020	Postdoctoral Fellow <ul style="list-style-type: none">➤ Epidemiology/biostatistical research in autonomic dysfunction	Department of Epidemiology, Emory University
2019–2020	Assistant Professor of Medicine <ul style="list-style-type: none">➤ Hospital medicine attending	Division of Hospital Medicine, Emory University School of Medicine
2019–2020	NIH-TL1 Postdoctoral Scholar <ul style="list-style-type: none">➤ Research fellow in autonomic dysfunction	Georgia Clinical and Translational Science Alliance
2016–2020	Internal Medicine Resident <ul style="list-style-type: none">➤ Internal medicine intern and resident at Grady Memorial Hospital, Emory University Hospital, and Atlanta VA	Emory University School of Medicine

Honors and Awards

2019	TL1 Postdoctoral Scholar <ul style="list-style-type: none">➤ Georgia Translational Science Alliance	Ruth L. Kirschstein National Research Service Award
2018	Top Donors Meeting Presentation <ul style="list-style-type: none">➤ Special invitation to discuss research with AHA leadership and top philanthropists	American Heart Association Scientific Sessions
2017	Emory Resident Team <ul style="list-style-type: none">➤ Doctor's Dilemma	Georgia ACP Conference
2015	Research Symposium <ul style="list-style-type: none">➤ 1st Place Oral Presentation	Texas A&M University College of Medicine

2013	Medical Student Research Program in Diabetes ➤ National Institute of Diabetes and Digestive and Kidney Diseases	Johns Hopkins University School of Medicine
2009	Delores B. Aldridge Excellence in Service to a Diverse Community Award	Emory University College of Arts and Sciences
2009–2011	Nu Rho Psi Honor Society	Emory University College of Arts and Sciences
2009	Speaker to his Holiness the XIV Dalai Lama ➤ Selected to represent Emory students in a meeting with the Dalai Lama in MacLeod Gange, India.	Institute of Buddhist Dialectics
2007	EMT-Basic National Competition ➤ 1st Place	Health Occupation Students of America

Professional Memberships

2020–Present	American College of Cardiology
2018–Present	American Heart Association
2012–2016	Texas Medical Association
2012–Present	American Medical Association
2012–Present	American College of Physicians

Teaching

Teaching Positions

2019	Workshop Leader ➤ Physical Exam and Clinical Decision Making Course	Emory University School of Medicine
2019–2020	Teaching Attending ➤ Point-of-Care Ultrasonography Elective	Emory University School of Medicine
2018–2019	Workshop Leader ➤ M3 Ultrasound Curriculum	Emory University School of Medicine
2017–2019	Faculty Preceptor ➤ Physician Assistant Didact Experiential Learning Program	Emory University School of Medicine
2016	Session Leader ➤ Internship Bootcamp	Texas A&M University College of Medicine
2011–2012	Tutor ➤ Biology, Chemistry, and Physics	North Lake College
2010–2011	Teaching Assistant ➤ Cellular Biology	Emory University College of Arts and Sciences

Lectures

2020	Journal Club ➤ Rate v. Rhythm: Early Rhythm Control Therapy in Patients with Atrial Fibrillation	University of Illinois Chicago School of Medicine
2019	The History of Sudden Cardiac Death: the Role of the Autonomic Nervous System ➤ Senior Grand Rounds	Emory University School of Medicine
2018	Lotions and Ointments and Creams, Oh My! ➤ Bite-Sized Teaching Mode Conference	Emory University School of Medicine
2018	The Problem Learner: A history and physical for learners with difficulties ➤ Lecture for Distinction in Teaching and Leadership Conference	Emory University School of Medicine

2018	Journal Club ➤ Intervention of Ischemic Stroke: Thrombectomy in 6 to 16 Hours with Selection by Perfusion Imaging	Emory University School of Medicine
2018	Ironing Out Transfusions in Sickle Cell ➤ Bite-Sized Teaching Mode Conference	Emory University School of Medicine
2018	Ultrasound Workshop: Cardiac, IVC, Lung, and Abdominal Views	Southern Hospital Medicine Conference
2018	"8 Minutes-To-Win-It": Top Inpatient Teaching Sessions by Soon-To-Be-Leaders Conference	Southern Hospital Medicine
2017	Point-of-Care Ultrasound: Parasternal Long Axis	Emory University School of Medicine

Skills

Point-Of-Care Ultrasonography

- Assessing cardiac structure and function
- Identifying pleural and pulmonary disease
- Volume assessment
- Identifying hydronephrosis and bladder volume
- Skin and soft tissue evaluation
- Liver and gallbladder disease

Procedures

- Arterial line placement (radial, brachial, dorsalis pedis, axillary)
- Arthrocentesis (knee, ankle, shoulder)
- Central line placement (internal jugular, femoral, subclavian)
- Lumbar puncture
- Thoracentesis
- Paracentesis

Languages

- English
- Gujarati
- Spanish

Technical

- R, RStudio - scripting language and environment for statistical computing and graphics
- PERL - high-level programming language for text processing and manipulation
- C++ - low-level programming language for data processing
- Vim - command line editing
- Markdown - syntax for formatting of writing
- Git, Github - version control system
- MATLAB - matrix-oriented mathematical programming language

Research

Grant Funding

2022–2024	NIH-T32 Chicago, IL ➤ Training in Personalized Cardiovascular Medicine [TPIPCVM]	University of Illinois Chicago School of Medicine
2020–2023	NIH-F32 ➤ The Association of Autonomic Dysfunction with the Relationship between Depression and Coronary Disease ➤ F32HL154707	National Heart, Lung, Blood Institute

2019–2020

NIH-TL1

Georgia Clinical and Translational Science Alliance

Atlanta, GA

- Disturbances of the Neurocardiac Axis: Using Heart Rate Variability to Measure Disease in the Brain and Heart
- TL1TR002382
- UL1TR002378

Conferences

1. Shah, A. S., & Sanchez, M. (2009). Cortisol Levels in Rhesus Monkeys with Maternal Separation Over Longitudinal Cohorts. *Scholarly Inquiry and Research at Emory Research Partners Symposium*.
2. Shah, A. S., & Li, Y. (2011). Influence of the Acoustic Parameter of Pitch on Emotion and Focus Location in Statements using Ditransitive Verb Manipulations. *Great Lakes Expo for Experimental and Formal Undergraduate Linguistics*.
3. Shah, A. S., & Blackman, S. M. (2013). Genetic Linkage Analysis for Cystic Fibrosis Related Diabetes. *National Institute of Diabetes and Digestive and Kidney Diseases Medical Student Research Symposium*.
4. Mrdutt, M., Shah, A. S., Sanders, E., Mallett, L., Perger, L., Mrdutt, M., Sanders, E., & Perger, L. (2016). Long-Term Outcomes of Newborns with Necrotizing Enterocolitis: a retrospective matched cohort study. *Texas a&M University College of Medicine Research Symposium*.
5. Shah, A. S., Clements, S. D., & Dudgeon, M. (2017). Three's company: nocardiosis, neuroendocrine hyperplasia, and breast cancer. *Southern Hospital Medicine Conference*.
6. Shah, A. S., & Shah, A. J. (2018). Association of Ischemia with Heart Rate Variability. *2018 Georgia Chapter Scientific Meeting*.
7. Shah, A. S., Alonso, A., & Shah, A. J. (2020). Autonomic Dysfunction as a Marker of Depression and Coronary Artery Disease. *Southeast Regional Clinical & Translational Science Conference*.

Publications

1. Shah, A. S., Lampert, R., Goldberg, J., Bremner, J. D., Vaccarino, V., & Shah, A. J. (2018). Abstract 15216: Circadian Autonomic Inflexibility: A Marker of Ischemic Heart Disease | Circulation. *Circulation*, 138. https://doi.org/10.1161/circ.138.suppl_1.15216
2. Shah, A. S., Shah, A. J., Lampert, R., Goldberg, J., Bremner, J. D., Li, L., Thames, M. D., Vaccarino, V., & Shah, A. S. A. J. (2020). Alterations in heart rate variability are associated with abnormal myocardial perfusion. *International Journal of Cardiology*, 305. <https://doi.org/10.1016/j.ijcard.2020.01.069>
3. Shah, A. S., Alonso, A., Whitsel, E. A., Soliman, E. Z., Vaccarino, V., & Shah, A. J. (2020). Abstract P542: Association of Psychosocial Factors With Heart Rate Variability: The Atherosclerosis Risk in Communities Study. *Circulation*, 141. https://doi.org/10.1161/circ.141.suppl_1.p542