

Michaela Banks

Education

University of Virginia School of Medicine

Charlottesville, VA

Doctor of Medicine, May 2020

- Third place in UVA Global Health Competition, 2016

University of Virginia Darden School of Business

Charlottesville, VA

Master of Business Administration, May 2020

- Awarded Darden Foundation Scholarship (merit-based full tuition)
- Study Abroad: IPADE School of Business, Mexico City, Mexico, Spring 2020
- Darden Worldwide Course: São Paulo and Rio de Janeiro, Brazil, Spring 2019

Duke University

Durham, NC

BS, Psychology and Global Health, May 2013

- Awarded DukeEngage grant, Quetzaltenango, Guatemala, Summer 2012
- Study Abroad in Tropical Medicine and Global Health in Costa Rica, Fall 2011

Medical Training

Louisiana State University New Orleans Health Science Center

New Orleans, LA

Emergency Medicine Resident, 2020-2024 (expected)

- Social Media Coordinator for Twitter account, 2020-2021

Work Experience

Boston Children's Hospital, *Research Assistant II*, 2013-2015

Boston, MA

- Coordinated and organized working concurrently for three PIs to complete clinical research studies
- Worked closely with the Endocrinology department to recruit over 60 patients for a multinational, clinical research trial focused on the determinants of childhood obesity

StudyPoint/PrepNow, *Tutor*, 2014-2015; 2018-2020

Boston, MA

- Worked with high school juniors and seniors to help improve their SAT, ACT and AP test scores

Duke Sports Medicine, *Student Athletic Trainer*, 2010-2013

Durham, NC

- Worked with 6-8 other student trainers to coordinate the set-up of football fields, training rooms and locker rooms prior to home and away games

Sanford School of Public Policy, *Administrative Assistant*, 2010-2012

Durham, NC

- Assisted in planning events such as the Sanford alumni reunion, regional events, and Board of Visitors meetings

Professional and Service Experience

American College of Emergency Physicians

- ACEP Global Emergency Medical Leadership Program Co-Resident Lead, 2022- present
- ACEP International Ambassador Conference Planning Committee, 2020 - present
- ACEP Global Emergency Medical Leadership Program Selection and Planning Committee, 2020- present

Emergency Medicine Residents' Association

- EMRA Liaison to ACEP DIHE Committee, 2022- present
- EMRA International Committee Assistant Vice Chair, 2022- present
- EMRA Health Policy Academy Fellow, 2021-2022

Louisiana State University Health Sciences Center – New Orleans

- LSU Emergency Medicine Diversity Scholarship Selection Committee, 2021-present
- Emergency Medicine Residency Wellness Committee, 2020- 2021

University of Virginia School of Medicine

- Medical Student Advocacy Committee, *Elected Member*, 2016-2019
- Mulholland Society, *Elected Member*, 2016- 2019
- Student Medical Leadership Program, *Lead Resident Assistant*, 2018

University of Virginia Darden School of Business

- Diversity Committee, *Elected Position*, 2018-2020
- Vice President of Communications of Black Business Student Association, *Elected Position*, 2019-2020
- Vice Present of Events of European Student Society, *Elected Position*, 2019-2020
- First Year Diversity Representative, *Elected Position*, 2018-2019

Project Experience

Darden Consulting Project, Consultant, 2019-2020 **Tbilisi, Georgia**

- Co-planned the details of a six-month consulting project for a non-profit based in Tbilisi, Georgia
- Worked on a cross-cultural team to increase number the number of donors, market visibility and social media presence for the non-profit
- Worked with the Georgia based team remotely for five months and spent one week on the ground in Tbilisi to solidify final recommendations

Mulholland Report, Contributor, 2018 **Charlottesville, VA**

- Analyzed clerkship report data to determine rotation satisfaction among students
- Created SWOT analyses and made recommendations to clerkship directors on how to improve their rotations for third-year medical students

UVA Guatemala Initiative, Researcher, 2016 **Totonicapan, Guatemala**

- Planned the details of a research project conducted in a hospital and two fire stations in Guatemala
- Collaborated with the administration of the Emergency Department and the firefighters in multiple firehouses to determine the relationship between pre-hospital EMS care and communication between hospital and pre-hospital healthcare providers
- Worked closely with 2 student co-researchers, an in-country coordinator and multiple medical doctors to ensure community-based, culturally sensitive research

DukeEngage Independent Project, Researcher, 2011-2012 **Quetzaltenango, Guatemala**

- Planned the details of a nine-week, summer volunteer and research project
- Worked as a child health educator at a clinic with majority Spanish and Mayan-speaking patients
- Constructed a curriculum to teach to the patients' mothers and revised curricula for the health education program

Peer- Reviewed Publications

Patiño AM, Chen J, DeVos EL, Lee JA, Anderson K, **Banks M**, Herard K, Kharel R, Kivlehan S, Arbelaez C. Emergency Medicine Around the World: Analysis of the 2019 American College of Emergency Physicians International Ambassador Country Reports. *J Am Coll Emerg Physicians Open*. 2022 Feb 28;3(2):e12681. doi: 10.1002/emp2.12681. PMID: 35252974; PMCID: PMC8886186.

Pickering A, Patiño A, Garbern SC, Abu-Jubara D, Digenakis A, Rodigin A, **Banks M**, Herard K, Chamberlain S, DeVos EL. Building a virtual community of practice for medical students: The Global Emergency Medicine Student Leadership Program. *J Am Coll Emerg Physicians Open*. 2021 Dec 29;2(6):e12591. doi: 10.1002/emp2.12591. PMID: 35005703; PMCID: PMC8716569.

Maldonado A, Patiño AM, Kearney AS, Tipán D, Chavez-Flores V, **Banks M**, Boggs KM, Camargo CA Jr. Emergency Department Characteristics and Capabilities in Quito, Ecuador. *Ann Glob Health*. 2021 Apr 7;87(1):37. doi: 10.5334/aogh.3129. PMID: 33868969; PMCID: PMC8034401.

Michaela Banks, Psychology Section – Shah NL, *Infographic Study Guide 2021*. New York: McGraw-Hill Medical, 2020.

van Haren SD, Ganapathi L, Bergelson I, Dowling DJ, **Banks M**, Samuels RC, Reed SG, Marshall JD, Levy O. In vitro cytokine induction by TLR-activating vaccine adjuvants in human blood varies by age and adjuvant. *Cytokine*. 2016 Jul;83:99-109. doi: 10.1016/j.cyto.2016.04.001. Epub 2016 Apr 12. PMID: 27081760; PMCID: PMC4906944.

Non Peer- Reviewed Publications

Banks M, Counts C, Smith S. Want to be a Policy Pro? Join EMRA/ACEP Health Policy Academy! *EM Resident*. 2021

Oral Presentations

Emergency Medicine Development Around the World: An Analysis of 2019 American College of Emergency Physicians (ACEP) International Ambassador Country Reports, American College of Emergency Physicians Scientific Assembly, Boston, MA, October 2021

Conference Poster Presentations

“Novel Model of the Child Eating Behavior Questionnaire (CEBQ) in Children with Severe Onset Obesity”, The Obesity Society Meeting, Washington, DC, October 2017

“Analysis of Emergency Medical Systems in Totonicapán: A Needs Based Analysis”, UVA Center for Global Health Research Symposium, Charlottesville, VA, October 2016

“Whole Exome Sequencing Identifies RAI1 Mutation in a Patient with Morbid Obesity Diagnosed as ROHHAD Syndrome”, The Pediatric Academic Society, San Diego, CA, April 2015

“Association Between Leptin Levels and Absolute BMI in Children Younger Than 6 Years”, The Pediatric Academic Society, San Diego, CA, April 2015

“Demographic and Longitudinal Trends in Children with Severe Early Onset Obesity at an Academic Medical Institution”, The Obesity Society Meeting, Boston, MA November 2014

Awards

- LSU New Orleans Emergency Medicine Clerkship Award, May 2021
 - ACEP International Ambassador Section Trainee Award, October 2020
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Additional

- Professional fluency in Spanish, intermediate in Portuguese
- Certified Yoga instructor (RYT-200)
- Interest in International medicine