

Suraj Kiran Patel

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Objective

Hardworking individual with proven leadership and organizational skills seeking to utilize my biomedical sciences and public health background to create a scalable lasting impact on the greater community through further education at the intersection of human movement science and public health.

Education

The University of North Carolina at Chapel Hill, Chapel Hill, NC - **August 2023 - Present**
Doctor of Philosophy – Human Movement Science Curriculum, School of Medicine,
Department of Allied Health Sciences
Matthew Gfeller Center for Traumatic Brain Injury

Geisel School of Medicine, Dartmouth College, Hanover, NH
Master of Public Health at the Dartmouth Institute for Health Policy & Clinical Practice

June 2022

University of Central Florida, Orlando, FL
B.S. in Health Sciences - Biomedical Sciences

December 2020

- Florida Bright Futures Scholarship (Academic Scholar) Recipient – Merit based full scholarship

Relevant Experience

MPH, Master of Public Health, *The Dartmouth Institute of Health Policy & Clinical Practice*, **June 2022**
Dartmouth College, Hanover, NH

- Conducted an explanatory study assessing the acceptability & feasibility of Dartmouth Football's concussion preventative methods which addresses a major public health issue centered around the heightened awareness of CTE in relation to Football.
- Developed an environmental policy memo addressing the disproportionate effects of harmful particulate matter (PM 2.5) on marginalized communities in New York City.
- Created and pitched a mock startup company that focuses on increasing medication adherence for children with chronic illnesses utilizing mobile application gamification in healthcare. (Tuck School of Business)
- Elected Commencement Class Marshal – Class of 2022

Health Policy Consultant, *Real Chemistry*, *New York City, NY*

June 2022 - Present

- Conduct quantitative and qualitative research on a variety of healthcare topics (quality measurement and reporting, alternative payment models, and value-based contracting) in a multitude of therapeutic areas (lung-cancer screening, rare eye disorders, cholesterol management, etc.)
- Assist in the development and presentation of position papers and strategic recommendations for clients.
- Ensure sufficient research project completion by tracking key project milestone and coordinating project logistics.
- Analyze, interpret, and report out on healthcare legislation and regulations centered around federal value-based programs.

Leadership Experience

Graduate Student Class Representative, *Guarini School of Graduate Studies*, Dartmouth **September 2021 – June 2022**
College, Hanover, NH

- Collaborated with the graduate student advisory council to organize and execute various public health related events that focused on fostering a sense of unity while striving to promote positive health outcomes in the local community.
- Developed relationships to unify the various pillars of the Dartmouth community that provided additional opportunities for the student body.

Co-Founder and President of the UCF BAPS Campus Fellowship, *University of Central Florida*, Orlando, FL **August 2017 – December 2020**

- Organized and executed annual non-profit Walkathons for the St. Augustine School for the Deaf & Blind and The Nature Conservancy.
- Developed relationships with various student body organizations to mobilize efforts that promoted and fostered a sense of unity centered around public health, servitude, and community service.
- Directed a 15-person production committee covering event logistics, sponsorships and donations, marketing, and external academic affairs.

Professional Development and Additional Skills

- **Computer:** Proficient in Stata and R.
- **Certifications:** CITI Training Certification: Human Research [(1) Biomedical Research & (2) Social/Behavioral Research]
- **Foreign Languages:** Gujarati (native proficiency), Hindi, and Spanish.
- **Clinical:** Pulse oximetry, orthostatic vital signs, oral hygiene care, emergency room guest service etiquette. (Basic HIPAA Privacy and Security Certification)

Relevant Coursework

- Inferential Epidemiology
- Entrepreneurship in Healthcare
- Contemporary Issues in Biotechnology
- Environmental Health Policy
- Public Health Policy
- Health Statistics (Stata, R)
- Program Design & Eval
- Physics I & II
- Biochemistry I
- Organic Chemistry I & II
- Human Anatomy
- Human Physiology
- Pathophysiology
- Immunology

Research Projects/Presentations

Nadia Badru, Sebastian Espinoza, Suraj Patel, Sabrina Tipiani, Lisa Varela, Sabrina Wong. (December 2020) *The Association Between Accutane/Isotretinoin and Young Adult Female Infertility*. Health Science Research Symposium {Virtual Poster Presentation}

Worked with Coach Teevens and Dartmouth Football to conduct two explanatory studies demonstrating the efficacy of Dartmouth's concussion preventative methods on the reduction of concussions (currently under journal review):

- "The use of a mobile tackling dummy in college football practices increases incremental predictive validity of concussions" (Accepted into the Journal of Orthopedic Sports Medicine)
- "Qualitatively evaluating the acceptability and feasibility of Dartmouth Football program's concussion preventative methodology"

Community Service Involvement

- BAPS Regional Core Development Team (2013-Present)
- BAPS Walkathon for the Nature Conservancy (2013-Present)
- Organized Walkathon for the St. Augustine School for the Deaf and Blind (2014)
- Affordable Care Act- Awareness and Enrollment Health Drive in Orlando (2016-Present)
- "Woah for Trees" Social media fundraiser for The National Nature Conservancy (2017-2018)
- Give Kids the World (2014-2018)
- Habitat for Humanity (2018-Present)
- Masks for All Orlando (2020)

Additional Experiences

St Bartholomew's NHS Trust London (May 2018 – July 2018)

- *Assisted an on call Acute Medical Registrar specialized in gastroenterology.*

Digital Health & Devices at GSK - London, UK (May 2018 – July 2018)

- *Worked with a tech startup focusing on digital remote patient monitoring of acute and chronic conditions.*

Health Science Undergraduate Research Symposium – University of Central Florida (December 2020)

- *Presented my research proposal on the association between Isotretinoin and young adult female infertility as a top 10 finalist out of the entire college of health sciences.*

United Nations International Volunteer (June 2020 – August 2020)

- *Worked on a project in support of hygiene awareness and health of children, women, elderly & people with disabilities with essential items in Bamenda, Cameroon.*

Smithsonian Archive Digital Volunteer: Transcription Center (May 2020 – July 2020)

- *Making historical documents and biodiversity data more accessible. Focused on Invertebrate Zoology and Botany.*

Real Chemistry – Health Policy Consultant (Biotech & Pharma) (June 2022 - July2023)