

Aditya D. Mahadevan

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Education

**Bachelor of Science in Applied Physiology and Kinesiology: Exercise Physiology
with Minors in Biomechanics and Chemistry**

May 2018

Summa Cum Laude Honors

University of Florida, Gainesville, FL

Work and Clinical Experience

Shands Hospital - Volunteer

- West 5 – Stable Trauma Center
- Emergency Department
- Orthopedic Clinic
- Pediatric Emergency Department
- Duties include: patient transport, cleaning equipment, stocking supplies, bringing meals to patients, and welcome desk operation/customer service.

January 2015-April 2015
August 2015-December 2015
January 2016-April 2016
September 2016-December 2016

Atlantis Project – Fellow in A Coruña, Spain

June 2015

- Shadowing program in the CHUAC hospital
 - 6 departments: Pathology, Rheumatology, Digestive, Pulmonology, Thoracic Surgery, and ENT.

Shadowing – Apollo Hospitals-Hyderabad and Chennai, India.

May-July 2016

- Full-time experience in surgical, in-patient, and out-patient settings in nearly all departments throughout the hospital.
- Experience with some of the world's premier medical technology and clinicians

Lifeguard – Vesta Property Services, Inc.

March 2013-January 2016

- Service requires alertness and willingness to act quickly.
- Extensive interaction with patrons

Atlantis Project

Campus Recruiting Coordinator at the University of Florida

December 2015-December 2016

- Official regional ambassador of the Atlantis Project program
- Oversee local and campus-based marketing efforts

Clinical Shadowing

- University of Florida College of Medicine: Department of Pediatric Hematology/Oncology under Dr. William Slayton
- UF Health Center for Movement Disorders and Neurorestoration under Dr. Michael Okun

May 2016-May 2017

April 2018

Applied Neuromechanics Lab

July 2016-August 2016

- Observing gait variance and aiding in locomotive neuromuscular rehabilitation, specifically for patients with Parkinson's Disease, using kinetic and kinematic biomechanical analyses.

Bradford Pet Hospital – Volunteer/Observer

January 2015-March 2015

- Observed many operations including spaying and neutering, gastric surgery, and bone grafting.
- Cared for the animals in the kennel: feeding, walking, bathing, etc.

St. Jude Children Research Hospital Pediatric Oncology Education Program

May 2017-August 2017

- Full-time laboratory research position under Dr. Kevin Krull
- Primary focus on CNS radiation therapy and its cognitive effects in children as well as the oxidative stresses resulting from cancer treatments in general.
- Valuable experience in research presentation and manuscript preparation.
- Mahadevan, AD., Phillips, N., Krull, KR. (2018, March). *Cerebral Changes Following Melatonin Administration in Survivors of Childhood Hodgkin Lymphoma: A Report From the St. Jude Lifetime Cohort Study*. Poster presented at the 2018 Annual D.K. Stanley Poster Exposition. University of Florida - College of Health and Human Performance

Neuromotor Behavior Lab

August 2017-Present

- Advised by Dr. Rachael Seidler
- Investigating the brain activation changes and behavioral effects occurring as

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a result of spaceflight in NASA astronauts.

- Full-time (40 hr/week) involvement beginning in January 2018.
- Involvement in community education and outreach programs including Brain Awareness Week and National Biomechanics Day.

BSC 2011 - Biology II Supplemental Instructor

March 2018-Present

- Conduct triweekly lecture review and orchestrate discussion sessions
- Individual tutoring and exam reviews
- Writing and filming content review videos for the UF Teaching Center

Children's Hospital of Philadelphia – Oncology Research Assistant

May 2018-August 2018

- Worked under Drs. David Teachey and Sarah Tasian
- Immunobiological work in application of Chimeric Antigen Receptor (CAR) T-cell therapy to Acute T-cell and Myeloid cell leukemias
- CRISPR knockouts of CAR protein targets
- Clinical shadowing in the Department of Hematology/Oncology

Involvement

Golden Key International Honour Society – Active Member

February 2015-December 2016

Fleming Island Amenity Center – Lead Volunteer.

August 2010-August 2015

- Planned, organized, and executed activities within the local community intended to unify and strengthen the relationships of those who comprise it. Included parades, fairs, performances, and a yearly haunted trail.

Independent Tutor – Tutored in Calculus I, Biology, Physics, and Algebra.

August 2014-February 2017

Atlantis Project – Base5 English Teacher

June 2015

- Taught hospital employees English in A Coruña, Spain

NaviGators International Program

August 2014-January 2018

- Personally aiding international students with acclimation to life in the United States and in college.
- Member of Philanthropy Committee – Create local volunteer opportunities for local and international students.

Global Medical Training UF

March 2016-May 2018

- Work to fund, organize, and establish primary health clinics in many developing and third world countries while helping provide basic care at these clinics.

FIT for ALL Health Program at Gainesville Health and Fitness

August 2016-August 2017

- Help mentally and physically handicapped members of the community exercise and live healthy lifestyles by physically and motivationally aiding them in working out and by providing health education.

Alpha Epsilon Delta Pre-Health Honor Society

September 2016-May 2018

- Active member in the University of Florida Chapter
- Highly involved volunteer and community service organization
- Pediatrics and Students Arts in Medicine Divisions
- Organized and led Student Advocates for Informed Decisions (SAID) Division events promoting bicycle safety and distracted driving awareness.

Youth Combine Head Coach

January 2017-Present

- Mentor and lead Gainesville area children aged 5-13 in various workouts and exercises to promote healthy living and physical fitness.

Skills, Accolades, and Certifications

Health-Related

CPR and First Aid certified

Academic

National Merit Finalist

2014

Florida Incentive Scholarship/Benacquisto Scholarship Recipient

August 2014-May 2018

Florida Academic Scholars Award Recipient

August 2014-May 2018

Salutatorian – Fleming Island High School Class of 2014

Dean's List – College of Liberal Arts and Sciences

Fall 2014

Dean's List – College of Health and Human Performance

Spring 2015-Spring 2018