

# Aditya Sood

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## EDUCATION

**EMORY UNIVERSITY** (Atlanta, GA) 2019-2023  
MD Candidate

- Harris Family Medical Scholar

**UNIVERSITY OF GEORGIA** (Athens, GA) 2015-2019  
B.S. Biology, B.A. Sociology

- GPA: 3.86/4.00 MCAT: 520 (131/130/127/132), 98<sup>th</sup> percentile
- Foundation Fellow: University of Georgia's premier Foundation Fellowship- Among top 21 students out of approximately 1,000 applicants (2.1%) and 24,000 freshman applications (0.1%)
- Stamps Scholar: 1 of 5 Fellows selected as Stamps Scholar

**UNIVERSITY OF OXFORD** (Oxford, United Kingdom) June 2016  
• Studied Biomedical Ethics under Dr. David Birks of Kellogg College

**ALPHARETTA HIGH SCHOOL** (Alpharetta, GA) 2011-2015  
• 2300 SAT (Superscored: 2350, M 770; CR 790; W 790) 4.0 GPA (10 AP courses), Ranked 35 out of 482 (Top 7%)

**Languages:** English (Native), Hindi (Native), Chinese (5 years), Portuguese (2 years), HTML, CSS, Java

## RESEARCH EXPERIENCE

**Renal Division of Emory School of Medicine** June 2018 - August 2018  
SURE Fellow under Dr. Jeff Sands (President of American Physiological Society)

- Studied effect of Metformin on urine concentrating ability of sickle cell mice
- Learned/performed mouse maintenance/handling/sac'ing, western blotting, osmolarity measurements, electrolyte measurements

**Biochemistry Department – Vertically Integrated Projects, UGA** January 2018 – January 2019  
Vertically Integrated Projects Fellow at the Social Psychology of Undergraduate Research Lab

- Examined the generalizability of effects of group configuration on performance and satisfaction under Dr. Dolan
- Using R and SPSS for data analysis; utilized Qualtrics to accumulate and compile data

**SkinPath Solutions, Smyrna, Georgia** June 2014 - Present (summers)  
Intern/Research Assistant

- Co-authored multiple case studies; presented at national conferences
- Examined skin biopsies using immunofluorescent microscopy; learned histochemical staining techniques
- Wrote up abstracts on unusual cases, such as multiple dermatofibromas in patients with Systemic Lupus Erythematosus, an acute immune system deficiency complication

**Regenerative Bioscience Center, UGA** December 2015 - May 2017  
Undergraduate Research Fellow under Dr. Steven Stice (Director of Regenerative Bioscience Center)

- Performed immunostaining, cell culturing and maintenance, quantitative PCR, and electron microscopy imaging to examine the soluble glial switch between motor neurons & oligodendrocyte precursor cells causing temporal ; change in potency, Mentored younger undergraduate student

**Children's Healthcare of Atlanta, Atlanta** December 2015 - August 2017  
Research Assistant

- Worked with pulmonary pediatrician to write literature reviews regarding interactions between pediatric esophageal diseases and GERD; Analyzed immunohistochemistry stains
- Discussed and published cases studies on individual cases, diagnoses, and treatment plans

**Georgia State University Neuroplasticity Lab, Atlanta** February 2014 - August 2015  
Research Intern

- Ran clinical trial on 20 patients to investigate the effect of transcranial stimulation on motor learning skills
- Provide data analysis of patient outcomes using SPSS

## CASE STUDIES AND POSTER PRESENTATIONS

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2020

- Sood Aditya M1 and Dipti Anand MD (2019), "Atypical Lymphocytic Lobular Panniculitis", American Society of Dermatopathology
- Sood Aditya M1 and Dipti Anand MD (2019), "Lamotrigine-Induced Cutaneous CD 30+ Anaplastic Large Cell Lymphoma", American Society of Dermatopathology
- Sood Aditya M1 and Dipti Anand MD (2019), "Degos Disease", American Society of Dermatopathology

2019

- Sood Aditya M1 and Dipti Anand MD (2019), "Atypical Lymphocytic Lobular Panniculitis", Zola Cooper Dermatopathologic Conference
- Sood Aditya M1 and Dipti Anand MD (2019), "Lamotrigine-Induced Cutaneous CD 30+ Anaplastic Large Cell Lymphoma", Zola Cooper Dermatopathologic Conference
- Sood Aditya M1 and Dipti Anand MD (2019), "Degos Disease", Zola Cooper Dermatopathologic Conference

2018

- Sood Aditya (2018), "Effect of Metformin on Urine Concentrating Ability in Sick Cell Mice," Kidney, Urologic, and Hematologic Diseases Summer Undergraduate Research Symposium at Harvard University

2017

- Sood Aditya UG-3 and Dipti Anand MD (2017), "Ectopic Extramammary Paget's Disease Presenting on the Face- An Extraordinary Case Presentation & Discussion", Zola Cooper Dermatopathologic Conference
- Sood Aditya UG-3 and Dipti Anand MD (2017), "The lesser known CD8+ Cutaneous T-cell Lymphomas- What are they & why should we know about them?", Zola Cooper Dermatopathologic Conference
- Sood Aditya (2017), "Oligodendrocyte Precursor Cell Specification: Convergence of Shh, Tgf- $\beta$  & Notch Signaling," Undergraduate Research Symposium, University of Georgia.
- Sood Aditya (2017), "Exploring Group Configuration and its Effect On Group Performance," Undergraduate Research Symposium, University of Georgia
- Sood Aditya and Daniel Tarun (2017), "Oligodendrocyte Precursor Cell Specification: Convergence of Shh, Tgf- $\beta$  & Notch Signaling," Regenerative Bioscience Undergraduate Symposium, University of Georgia

2016

- Sood Aditya UG-2 and Dipti Anand MD (2016) "Diffuse dermal angiomatosis/Reactive angioendotheliomatosis- What is this, and why should I know about it?", Zola Cooper Dermatopathologic Conference
- Sood Aditya UG-2 and Dipti Anand MD (2016) "Blastic Plasmacytoid Dendritic Cell Neoplasm- An under recognized but deadly tumor", Zola Cooper Dermatopathologic Conference
- Sood Aditya, Calloway Cali, and Daniel Tarun (2016), "Oligodendrocyte Precursor Cell Specification: Convergence of Shh, Tgf- $\beta$  & Notch Signaling," Regenerative Bioscience Undergraduate Symposium, University of Georgia.

## COMMUNITY SERVICE / SOCIAL ACTIVISM

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**Feed the Frontlines Georgia** (FeedTheFrontlinesga.org)

Georgia, USA

Founder & Executive Director

April 2020- September 2020

*Founded 501c(3) nonprofit aimed at rapid COVID support to hospitals in the state of Georgia, with a focus on hospitals that provide care for underserved populations.*

- Raised \$90,000 via fundraisers, grants, and grassroots fundraising
- Coordinated delivery of thousands of meals from family owned restaurants to a network of over 30 hospitals across the state.
- Lead an 83 member team across 21 cities to coordinate, fundraise, and deliver meals to a network of hospitals across the state

**Working Together For Change** ([WorkingTogetherForChange.com](http://WorkingTogetherForChange.com))

Founder &amp; Executive Director

Alpharetta, GA

December 2013-Present

*Founded national 501(c)3 nonprofit aimed at ending homelessness. Multiple chapters in CA and GA. We have 3 pillars which work together to generate awareness, provide support and education for and about the homeless population.*

- **Immersion:** Create issue awareness (chapters, conferences, presentations; partnerships); Created and implemented programming that resulted in the distribution of 200+ bags to homeless youth, organized numerous supply drives to collect over 500 hygiene kits for homeless individuals, Collaborated to connect 4 universities to create a homelessness awareness program
- **Medical Initiatives:** Organized medical camps to provide medical care for thousands of homeless people through 13+ medical camps from 2014-2018. Free basic health checkups such as vision testing, BMI, blood pressure, Hepatitis C risk assessments and diabetes tests; Partnered with the Ironman organization, Morehouse School of Medicine, GA PCOM and local volunteer doctors and medical students; Organized talks by doctors to provide easily accessible clinical information for the local homeless.
- **Social Entrepreneurship:** Raised over \$10,000 for scholarships for underprivileged youth and provide skills-based training to homeless veterans; Partnered with Boys and Girls Club of Puerto Rico to mentor children. Built houses for 30 homeless people in Tijuana, Mexico; Run social media marketing campaigns for other nonprofits. Also see [Facebook.com/workingtogetherforchange](https://Facebook.com/workingtogetherforchange) for more information

**HackStart** ([hackstart.co](http://hackstart.co))

Cofounder

Alpharetta, GA

May 2015 - Present

*HackStart is an organization aimed at increasing teen participation in computer science and entrepreneurship by increasing accessibility to and hosting events such as hackathons.*

- Helped fundraise \$1,900 in cash and \$3,000 in kind during the month of June
- Received sponsorships from GA Tech, Bitpay, Praxis, Chickfila, Zaxby's, ATDC, and Tech Village
- Recruited 30 students to compete in 7 teams to win \$600 in cash prizes

**United Way Regional Commission of Homelessness (RCOH)**

Board Member/Advisor

Atlanta, GA

2014- 2016

- Help homeless veterans get employed by teaching them marketable skills to reintegrate into workforce

## PROFESSIONAL AND TEACHING EXPERIENCE

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**Peer Learning Assistant in Intro to Biochemistry - UGA (4 credit hour course), 48 Students**

January 2018 - May 2018

- Attended weekly pedagogy class
- Discussed case study outlines, test results weekly and conducted study sessions to explain metabolic pathways and other biological concepts

**Stepping Stone Volunteer to teach English in Shanghai; 40 students**

May 2017 - June 2017

- Created English language lessons to students of age 6-9
- Communication required intermediate Mandarin skills
- Each class lasted 1.5 hours. Taught 2 classes a week for 4 weeks

**University of Pennsylvania Health System**

Marketing Intern

May - June 2013

Philadelphia, PA

- Authored report on the relationship between patient reviews of physicians and their referrals to doctors
- Created HTML Scrappers to create patient profile for use in UPHS medical advertising systems

**Giving Point Institute**

Institute Leader

Atlanta, GA

2014-Present

- Help students create comprehensive community service projects aimed at making a social impact
- Workshops covering Business Planning, Budgeting and Finance, Fundraising & Investor Relations, and Marketing

## LEADERSHIP POSITIONS AT THE UNIVERSITY OF GEORGIA

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Co-Chair, Biochemistry Undergraduate Society	2016 - Present
<ul style="list-style-type: none"><li>• Host monthly research talks, coffee hours, mentorship for UGA's 500+ biochemistry molecular biology majors</li><li>• Organized symposiums in 2016, 2017 and 2018 with ~30 sessions; 100+ presentations</li><li>• Best Poster, Best Paper, and Best Presentation competitions</li></ul>	
Member, Honors Program Student Council	2016 - Present
<ul style="list-style-type: none"><li>• Selected out of 300+ applicants to enhance honors students' experiences at UGA</li><li>• Hosted multiple community building, mentorship, and advising event including an annual dance</li></ul>	
Chair, PAL Mentoring Program	2017 - Present
<ul style="list-style-type: none"><li>• Match ~100 freshmen/sophomores with 100 juniors/seniors each semester for mentorship throughout the semester</li></ul>	
President, HackUGA	2016 - 2017
<ul style="list-style-type: none"><li>• Oversaw fundraising and logistics for UGA hackathons from 2016-2017</li></ul>	

## PHYSICIAN SHADOWING AND CLINICAL VOLUNTEERING

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Grady Neurology at Grady Memorial Hospital	July 2019
General Surgeon at the All India Institute of Medical Sciences, India	December 2017
<ul style="list-style-type: none"><li>• Observed endoscopies, colonoscopies, tumor resections, and ER</li><li>• Helped with management of and transport of patients; blood collection/testing mobile clinics</li></ul>	
Surgical Oncologist at University of Miami Hospital	November 2017
<ul style="list-style-type: none"><li>• Observed various surgeries, clinical duties, and research work.</li><li>• Observed rounds with residents in the morning</li></ul>	
Orthopedics ER at Shanghai Hospital, China	June 2017
<ul style="list-style-type: none"><li>• Learned about triage, emergency admits, patient admittance</li></ul>	
Gastroenterologist at Northside Hospital	December 2016
<ul style="list-style-type: none"><li>• Shadowed procedures including endoscopies, endoscopic ultrasounds, and colonoscopies; observed post-operative patient care</li></ul>	
Pulmonary Pediatrician at Emory Hospital	June 2016
<ul style="list-style-type: none"><li>• Observed pre- and post-operative patient care in NICU, PICU, Cystic Fibrosis clinic, and regular clinic duties</li><li>• Observed pediatric pulmonary research work</li></ul>	
Family Practice Clinic in Alpharetta, GA	June 2015
<ul style="list-style-type: none"><li>• Observed general patient interactions and bedside routines.</li><li>• Observed nurses engaging in transcription, insurance-related paperwork and calls</li></ul>	
Orthopedic Surgeon at Resurgens Orthopaedics	January - May 2015
<ul style="list-style-type: none"><li>• Observed clinic work/patient care, read X-ray and CT scans, watched knee, shoulder, and hip replacements.</li></ul>	
Dermatopathologist at Skinpath Solutions	June 2014
<ul style="list-style-type: none"><li>• Observed skin pathology lab, participated in looking at histochemical stains to identify carcinomas</li></ul>	

## AWARDS AND HONORS

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2019-2023	Harris Family Scholar
2016	Gold Presidential Volunteer Award (3x)
2015	Coca-Cola Scholar (One of 150 selected out of 107,000 applicants)
2015	20 Under 20 Georgia Leaders for work on social activism
2015	National Merit Finalist- Merit Scholarship Competition
2015	Fulton County STAR Scholar
2014	Youth Immigrant Achievement Award Winner, National Immigration Council (Presented by members of Congress for work to end homelessness)
2014-2017	Miscellaneous National Recognition for Volunteering: <ul style="list-style-type: none"><li>• “Dared to Dream” Award by King Foundation</li><li>• ABC Summer of Service Award</li><li>• Exceptional Service Leader Award – Awarded by the Giving Point Institute</li><li>• Future Business Leaders of America</li><li>• Phenomenal Men: by the Boys2Men Organization</li><li>• Youth Service Award</li><li>• Sodexo Foundation Award</li><li>• Make Your Mark on Hunger Award</li></ul>