

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), 98th 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 nationwide as the Stamps Scholar

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

Languages: English (Native), Hindi (Native), Chinese (basics), HTML/CSS, Java, R

PUBLICATIONS

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1. Gangal A., **Sood A.**, Sangari A., Stoff B.K. (2022), "A House Divided: Considerations for Implementation of a Formalized Open House Period in the Dermatology Residency Match", Journal of the American Academy of Dermatology (under review)
 2. **Sood A.**, Sangari A., Stoff B.K. (2022), "Recommending expensive treatments: An ethical analysis", Journal of the American Academy of Dermatology. S0190-9622(22)02401-X. doi:10.1016/j.jaad.2022.07.030
 3. Sangari A, **Sood A.**, Stoff B.K. (2022), "What To Do When You're Curbsided By Your Patient's Plus One", Journal of the American Academy of Dermatology.
 4. **Sood A.**, Sangari A., Stoff B.K. (2022), "Ethical Considerations of Genetic Expression Profiling for Melanoma Prognosis", Journal of the American Academy of Dermatology (under review)
 5. **Sood A.**, Sangari A., and Stoff B.K. (2022), "Navigating internet-based misinformation with patients in clinic", Journal of the American Academy of Dermatology. 2022;S0190-9622(22)00528-X. doi:10.1016/j.jaad.2022.03.038
 6. **Sood A.**, Stoff B.K., and Yeung H. (2022), "Challenges in caring for transgender populations: A primer for the dermatopathologist", Journal of Cutaneous Pathology; (under review).
 7. **Sood A.**, Brahmbhatt M., Flowers N., Yeung H., Vong G., and Stoff B. (2021), "Challenging ethical scenarios reported by American Society of Dermatopathology members: a qualitative analysis", Journal of Cutaneous Pathology 2021;10.1111/cup.14137. doi:10.1111/cup.14137
 8. **Sood A.**, Sangari A., Chen J., and Stoff B. (2021), "The ethics of using biased Artificial Intelligence programs in clinic", Journal of the American Academy of Dermatology, doi:10.1016/j.jaad.2021.11.031

PUBLISHED ABSTRACTS

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9. Sangari A., **Sood A.**, et. al. *Predicting Intubation and Ventilation Needs Upon Admission for Intensive Care Patients with Congestive Heart Failure* (2021). Circulation. doi:10.1161/circ.144.suppl_1.14410
 10. Sangari A., Sood N., **Sood A.**, et. al. *Improving Patient Selection in International Pediatric ECPR Cohorts* (November 2021). Annals of Emergency Medicine

11. **Sood A.**, Barrett D., Cheeley T. (2022), "Oil Paint Necrotizing Hand Dermatitis", Journal of Investigative Dermatology

POSTER PRESENTATIONS (National/ Regional Conferences)

12. Sood A. and Sood A. (2022) "COVID-19's Effect on Digitization of Future Work: Complementary Role of Non-Pharmaceutical Interventions" Special Session on "The Influence of Digital Economy on Regional Economy Development" Invited talk by LiaoNing University.
13. **Sood A.**, Dieudonne R., Chopra D., Westerkam L., Siira M., Sayed C., Lev-Tov H., Orenstein L.V., 2022 "Examining Food Insecurity In Patients with Hidradenitis Suppurativa". Symposium on Hidradenitis Suppurativa Advances.
14. Echuri H., **Sood A.**, Dieudonne R., Siira M., Baranowski M., Orenstein, L.V. (2022) "Prevalence of hyponatremia in a cohort of patients with hidradenitis suppurativa". Symposium on Hidradenitis Suppurativa Advances.
15. Farooq P., Mehra, N. and **Sood A.** (2021) "Do increased vaccination sites per person lead to increased vaccination rates - a study of Alabama".
 - AMA Research Challenge Semifinalist
16. **Sood A.** and Sangari A. (2021) "Bias Prevention in Global Adoption of Artificial Intelligence Based Health Management Systems", UCF Global Health Conference
17. Sangari A. and **Sood A.**, "Establishing Global Guidelines for Integrating Artificial Intelligence Systems into Clinical Care" UCF Global Health Conference
18. **Sood A.** and Anand D. (2021), "ALK-Positive Spitz Tumor", Zola-Cooper Dermatopathologic Conference
19. **Sood A.** and Anand D. (2021), "Aggressive Digital Papillary Adenocarcinoma", Zola-Cooper Dermatopathologic Conference
20. Sood A. and **Sood A.** (2020) "COVID-19's Effect on Digitization of Future Work: A Multinational Diffusion Study using Functional Data Analysis" Special Session on "COVID-19's Effect on Digitization of Future Work Transformation" Invited talk by Department of Labor, US Government and APEC Conference on Labor Market Impact and Social Protection in the COVID-19 Era.
21. Sangari A., Sangari A., **Sood A.**, and Sood N. (2020) "Evaluating the Extent to which Posted Personally Identifying Information Jeopardizes the Privacy of Users of Breastcancer.org", Emory Global Perioperative Alliance Virtual Symposium
22. **Sood A.** and Anand D. (2019), "Atypical Lymphocytic Lobular Panniculitis", American Society of Dermatopathology
23. **Sood A.** and Anand D. (2019), "Lamotrigine-Induced Cutaneous CD 30+ Anaplastic Large Cell Lymphoma", American Society of Dermatopathology
24. **Sood A.** and Anand D. (2019), "Degos Disease", American Society of Dermatopathology
25. **Sood A.** et al. (2018), "Effect of Metformin on Urine Concentrating Ability in Sickle Cell Mice," American Society of Nephrology
26. **Sood A.** and Anand D. (2019), "Atypical Lymphocytic Lobular Panniculitis", Zola Cooper Dermatopathologic Conference
27. **Sood A.** and Anand D. (2019), "Lamotrigine-Induced Cutaneous CD 30+ Anaplastic Large Cell Lymphoma", Zola Cooper Dermatopathologic Conference
28. **Sood A.** and Anand D. (2019), "Degos Disease", Zola Cooper Dermatopathologic Conference
29. **Sood A.** et al. (2018), "Effect of Metformin on Urine Concentrating Ability in Sickle Cell Mice," Kidney, Urologic, and Hematologic Diseases Summer Undergraduate Research Symposium at Harvard University
30. **Sood A.** (2017), "Exploring Group Configuration and its Effect On Group Performance," Undergraduate Research Symposium, University of Georgia

31. **Sood A.** and Anand D. (2017), "Ectopic Extramammary Paget's Disease Presenting on the Face- An Extraordinary Case Presentation & Discussion", Zola Cooper Dermatopathologic Conference
32. **Sood A.** and Anand D. (2017), "The lesser known CD8+ Cutaneous T-cell Lymphomas- What are they & why should we know about them?", Zola Cooper Dermatopathologic Conference
33. **Sood A.** and Daniel T. (2017), "Oligodendrocyte Precursor Cell Specification: Convergence of Shh, Tgf- β & Notch Signaling," Regenerative Bioscience Undergraduate Symposium, University of Georgia
34. **Sood A.** and Anand D. (2016) "Diffuse dermal angiomatosis/Reactive angioendotheliomatosis- What is this, and why should I know about it?", Zola Cooper Dermatopathologic Conference
35. **Sood A.** and Anand D. (2016) "Blastic Plasmacytoid Dendritic Cell Neoplasm- An under recognized but deadly tumor", Zola Cooper Dermatopathologic Conference
36. **Sood A.**, Calloway C., and Daniel T. (2016), "Oligodendrocyte Precursor Cell Specification: Convergence of Shh, Tgf- β & Notch Signaling," Regenerative Bioscience Undergraduate Symposium, University of Georgia.

COMMUNITY SERVICE / SOCIAL ACTIVISM

Feed the Frontlines Georgia (FeedTheFrontlinesga.org), Georgia, USA

Founder & Executive Director

Apr. 2020- Sep. 2020

Founded 501(c)(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 6,600 fresh & healthy meal deliveries from struggling local, family-owned restaurants
- Lead an 83-member team across 21 cities to coordinate, fundraise, and deliver meals to homeless shelters and healthcare professionals at 30 hospitals across the state

Working Together For Change (WorkingTogetherForChange.com), Alpharetta, GA

Founder & Executive Director

Dec. 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 for more information

HackStart (hackstart.co), Alpharetta, GA

Cofounder

May 2015 - 2019

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), Atlanta, GA

Board Member/Advisor

Jan. 2014- Nov. 2016

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

PROFESSIONAL AND TEACHING EXPERIENCE

Peer Learning Assistant in Intro to Biochemistry - UGA Jan. 2018 - May 2018

- Attended weekly pedagogy class and discussed case study outlines, test results weekly
- Conducted study sessions (4 credit hour course for 48 Students) to explain metabolic pathways and other biological concepts

Stepping Stone Volunteer to teach English in Shanghai; 40 students May 2017 – Jun. 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 May 2013 – Jun. 2013

Marketing Intern, 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, Atlanta, GA 2014-2015

Institute Leader

- 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

RESEARCH EXPERIENCE

Renal Division of Emory School of Medicine Jun. 2018 – Aug. 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 Jan. 2018 – Jan. 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 2014 - 2019

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 Dec. 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

Dec. 2015 – Aug. 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

Feb. 2014 – Aug. 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

LEADERSHIP POSITIONS AT EMORY UNIVERSITY SCHOOL OF MEDICINE

Senator, Medical School Senate	2022 - Present
Member, Street Medicine Clinic	2022 - Present
External Program Coordinator, COVID Response Team	2020 - 2021
Undergraduate Student Mentor, Emory Pre-Medical Association	2019 - 2020

LEADERSHIP POSITIONS AT THE UNIVERSITY OF GEORGIA

Co-Chair, Biochemistry Undergraduate Society	2016 - 2019
<ul style="list-style-type: none"> • Monthly research talks, coffee hours, mentorship for UGA's 500+ biochemistry molecular biology majors • Organized symposiums in 2016, 2017 and 2018 with ~30 sessions; 100+ presentations • Best Poster, Best Paper, and Best Presentation competitions 	
Member, Honors Program Student Council	2016 - 2019
<ul style="list-style-type: none"> • Selected out of 300+ applicants to enhance honors students' experiences at UGA • Hosted multiple community building, mentorship, and advising event including an annual dance 	
Chair, PAL Mentoring Program	2017 - 2019
<ul style="list-style-type: none"> • Match ~100 freshmen/sophomores with 100 juniors/seniors each semester for mentorship throughout the semester 	
President, HackUGA	2016 - 2017
<ul style="list-style-type: none"> • Oversaw fundraising and logistics for UGA hackathons from 2016-2017 	

AWARDS AND HONORS

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)