

Aditya Sood

678-983-9755 • aditya.ood@emory.edu • adityasood.me

EDUCATION / TRAINING

NORTH SHORE UNIVERSITY/LONG ISLAND JEWISH (New Hyde Park, NY) 2023-2024

Internal Medicine Residency

- Scherr Department of Medicine 2024 Research Award – “Synergistic Risks: The Impact of HIV on Kaposi Sarcoma and Lymphoma Incidence in Castleman's Disease”
- Scherr Department of Medicine 2025 Research Award – “Colonoscopy Outshines Fecal Immunochemical Test in Reducing All-Cause Mortality”

EMORY UNIVERSITY (Atlanta, GA) 2019-2023
MD

- 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)

Programming languages: R, Python, Java, HTML/CSS

Honors and Awards: Harris Family Scholar; Gold Presidential Volunteer Award (3x); Coca-Cola Scholar (One of 150 selected out of 107,000 applicants); 20 Under 20 Georgia Leaders; National Merit Finalist- Merit Scholarship Competition; Youth Immigrant Achievement Award Winner, National Immigration Council; TEDx Talk (Working Together for Change)

PUBLICATIONS

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1. Jain S, Gunasti J, **Sood A**, Dieudonne R, Chopra D, Lev-tov H, Yeung H, Orenstein LA. **Food insecurity in hidradenitis suppurativa: a cross-sectional analysis from the population-based All of Us Research Program.** *Dermatology*. Accepted April 4, 2025. In press.
 2. **Sood, A.**; Sangari, A.; Stoff, B. **Recommending expensive treatments: An ethical analysis.** *Journal of the American Academy of Dermatology*, 90(1), 216-217, 2024, Elsevier.
 3. Sangari, A.; **Sood, A.**; Stoff, B. **What to do when you are curbsided by your patient’s plus one.** *Journal of the American Academy of Dermatology*, 90(3), 671-672, 2024, Elsevier.
 4. Sangari, A.; **Sood, A.**; Lozeau, D. **What is wrong with a black box? Addressing the use of unexplainable artificial intelligence in patient care.** *Journal of the American Academy of Dermatology*, 91(4), 784-785, 2024, Elsevier.
 5. Sangari, A.; Huang, C.; **Sood, A.**; Lozeau, D. **Ethics of charging for patient portal messages: A new type of e-visit.** *Journal of the American Academy of Dermatology*, 2024, Elsevier.
 6. Jain, S.; Tushe, S.; **Sood, A.**; Yeung, H.; Orenstein, L. **Hidradenitis suppurativa and psychosocial well-being: a cross-sectional survey analysis from the All of Us research program.** *Archives of Dermatological Research*, 316(7), 445, 2024, Springer Berlin Heidelberg Berlin/Heidelberg.
 7. **Sood, A.**; Sangari, A.; Stoff, B. **Navigating internet-based misinformation with patients in the clinic.** *Journal of the American Academy of Dermatology*, 88(4), 961-962, 2023, Elsevier.
 8. Revankar, R.; **Sood, A.**; Patel, H.; Bilcha, K.; Befekadu, A.; Yeung, H.; Stoff, B. **Developing a virtual global dermatology curriculum: Qualitative analysis based on a pilot study in Ethiopia.** *JAAD international*, 10, 41-43, 2023, Elsevier.

9. **Sood, A.;** Stoff, B.; Yeung, H. **Caring for transgender populations: A primer for the dermatopathologist.** *Journal of cutaneous pathology*, 50(3), 284-287, 2023, Blackwell Publishing Ltd. Oxford, UK.
10. Bingham, M.; Cummins, M.; Tong, A.; Purcell, P.; Sangari, A.; **Sood, A.**; Schlesinger, J. **Effects of altering harmonic structure on the recognition of simulated auditory arterial pressure alarms.** *British Journal of Anaesthesia*, 131(6), e178-e180, 2023, Elsevier.
11. Sangari, A.; Bingham, M.; Cummins, M.; **Sood, A.**; Tong, A.; Purcell, P.; Schlesinger, J. **A spatiotemporal and multisensory approach to designing wearable clinical ICU alarms.** *Journal of Medical Systems*, 47(1), 105, 2023, Springer US New York.
12. Sangari, A.; Bingham, M.; Cummins, M.; **Sood, A.**; Tong, A.; Purcell, P.; Schlesinger, J. **Improving the Design of Wearable ICU Alarms.**, 2023.
13. Yadav, A.; Kushwaha, S.; Kamal, R.; Khan, F.; **Sood, A.**; Kushwaha, S. **Predictive Factors Influencing the Return to Sports Following Arthroscopic Knee Meniscectomy in Sports Persons: A Prospective Cohort Study.** *Cureus*, 15(11), 2023, Cureus.
14. **Sood, A.**; Brahmabhatt, M.; Flowers, N.; Yeung, H.; Vong, G.; Stoff, B. **Challenging ethical scenarios reported by American Society of Dermatopathology members: a qualitative analysis..** *Journal of Cutaneous Pathology*, 49(2), 2022.
15. **Sood, A.**; Sangari, A.; Chen, J.; Stoff, B. **The ethics of using biased artificial intelligence programs in the clinic.** *Journal of the American Academy of Dermatology*, 87(4), 935-936, 2022, Elsevier.

PUBLISHED ABSTRACTS

GI/Hepatology

16. Chang, A.; Ghani, M.; **Sood, A.**; Ahmed, S.; Htut, A.; Roth, N.; Massoumi, H.; Qazi, N.; Dagher, N.; Park, J. **Outcomes Of Early Transplantation For Patients With Alcohol-Related Liver Disease.** *Gastroenterology*, 166(5), S-1681-S-1682, 2024, WB Saunders.
17. Chang, A.; Ghani, M.; Berman, E.; Lin, J.; **Sood, A.**; Giammarino, A.; Onwochei, J.; Dagher, N.; Roth, N.; Park, J. **Predictive Validity Of Evidence-Based Scoring Scales For Assessing Relapse In Patients Transplanted For Alcoholrelated Liver Disease.** *Gastroenterology*, 166(5), S-1673, 2024, WB Saunders.
18. **Sood, A.**; Ahmed, S.; Chang, A.; Makhani, S.; Ghani, M.; Ramada, M.; Marvil, C.; Berman, E.; Sangari, A.; Lin, J. **The Impact Of Glp Agonists On Cirrhosis, Hepatocellular Carcinoma, And Mortality In Patients With Mash: A Five-Year Analysis.** *Gastroenterology*, 166(5), S-1630-S-1631, 2024, WB Saunders.
19. **Sood, A.**; Ahmed, S.; Hou, L.; Wright, J.; Marvil, C.; Samaddar, A.; Sangari, A.; Lin, J.; Berman, E.; Sood, N. **Therapeutic Advantages of GLP-1 Receptor Agonists: Survival and Insights from Large Retrospective Pancreatic Cancer Cohorts.** *Official journal of the American College of Gastroenterology| ACG*, 119(10S), S27, 2024, LWW.
20. Ahmed, S.; **Sood, A.** **Obliterative Portal Venopathy: A Case of Non-Cirrhotic Variceal Bleed.** *Official journal of the American College of Gastroenterology| ACG*, 119(10S), S2780, 2024, LWW.
21. Ahmed, S.; **Sood, A.**; Wright, J.; Hou, L.; Marvil, C.; Samaddar, A.; Lin, J.; Berman, E.; Sangari, A.; Sood, N. **Improvements in Treatment of Pancreatic Cancers Over the Last Forty Years.** *Official journal of the American College of Gastroenterology| ACG*, 119(10S), S27-S28, 2024, LWW.
22. Ahmed, S.; **Sood, A.** **Comparing the Effects of Carvedilol and Metoprolol on Patients With Cardiovascular Disease and MASLD.** *Official journal of the American College of Gastroenterology| ACG*, 119(10S), S1292, 2024, LWW.
23. Ahmed, S.; **Sood, A.**; Ghani, M.; Satapathy, S. **A1C Goals Reconsidered: Lower A1c Targets Can Improve Progression To Cirrhosis Despite Worsening Mortality For Patients With Type 2 Diabetes And MASLD.** *HEPATOLOGY*, 80, S469-S470, 2024, Lippincott Williams & Wilkins Two Commerce Sq, 2001 Market St, Philadelphia.
24. Chang, A.; Giammarino, A.; Ghani, M.; Berman, E.; **Sood, A.**; Joshi, N.; Htut, A.; Park, J.; Dagher, N.; Satapathy, S. **Impact Of Pre-Transplant Steroid Therapy On Early Post-Transplant Infections In Alcohol-Associated Hepatitis Patients Undergoing Liver Transplantation.** *HEPATOLOGY*, 80, 2024, Lippincott Williams & Wilkins Two Commerce Sq, 2001 Market St, Philadelphia.

Heme/Onc

25. Hou, L.; **Sood, A**; Aung, W.; Peketi, S.; Elengickal, J.; Locke, M.; Zou, X.; Sangari, A.; Seetharamu, N. **EP. 13D. 13 Exploring COVID-19's Impact on Treatment and Survival in Small Cell Lung Cancer.** *Journal of Thoracic Oncology*, 19(10), S680, 2024, Elsevier.
26. **Sood, A**; Elengickal, J.; Sangari, A.; Peketi, S.; Hou, L.; Aung, W.; Locke, M.; Zou, X.; Seetharamu, N. **P2. 10B. 06 Improvements in Survival Outcomes of Large Cell Carcinoma Over Past Two Decades (2000-2020).** *Journal of Thoracic Oncology*, 19(10), S250, 2024, Elsevier.
27. Aung, W.; Locke, M.; Hou, L.; **Sood, A**; Lee, C.; Seetharamu, N. **EP. 11A. 21 Target Switching as an Effective Second-Line Strategy for Refractory Metastatic NSCLC.** *Journal of Thoracic Oncology*, 19(10), S604-S605, 2024, Elsevier.
28. Elengickal, J.; Varughese, V.; Pavy, M.; **Sood, A**; Cooper, C. **EP. 05A. 06 Timing of Thoracentesis in Hospitalized Patients with Malignant Pleural Effusion: A Study of the US National Inpatient Sample.** *Journal of Thoracic Oncology*, 19(10), S485, 2024, Elsevier.
29. Aung, W.; **Sood, A**; Hou, L.; Elengickal, J.; Peketi, S.; Locke, M.; Zhou, X.; Sangari, A.; Seetharamu, N. **P4. 11E. 19 The Effect of COVID-19 On Treatment Outcomes in Non-Small Cell Lung Cancer Patients: A Propensity Score Matched Analysis.** *Journal of Thoracic Oncology*, 19(10), S403-S404, 2024, Elsevier.
30. **Sood, A**; Hou, L.; Aung, W.; Elengickal, J.; Peketi, S.; Locke, M.; Zou, X.; Sangari, A.; Seetharamu, N. **EP. 14A. 03 Analyzing the Impact of COVID-19 Infection on Adverse Outcomes in Mesothelioma: A Multicenter Study.** *Journal of Thoracic Oncology*, 19(10), S684, 2024, Elsevier.
31. **Sood, A**; Sangari, A.; Wright, J.; Locke, M.; Elengickal, J.; Hou, L.; Aung, W.; Singhal, A.; George, R.; Nieto, M. **Influence of COVID-19 on Acute Myeloid Leukemia Treatment Efficacy: Insights from a Propensity Score-Matched Cohort Study.** *Blood*, 144, 1492, 2024, Content Repository Only!.
32. Elengickal, J.; **Sood, A**; Pavy, M.; Hou, L.; Aung, W.; Varughese, V.; Sangari, A.; Cooper, C.; Fanning, S. **Synergistic Risks: The Impact of HIV on Kaposi Sarcoma and Lymphoma Incidence in Castleman's Disease.** *Blood*, 144, 2539, 2024, Content Repository Only!.
33. **Sood, A**; Locke, M.; Sangari, A.; Wright, J.; Hou, L.; Elengickal, J.; Aung, W.; Singhal, A.; George, R.; Nieto, M. **Advances in Acute Lymphoblastic Leukemia: A Longitudinal Analysis of Survival Trends and Treatment Modalities.** *Blood*, 144, 5869, 2024, Content Repository Only!.
34. **Sood, A**; Sangari, A.; Locke, M.; Elengickal, J.; Wright, J.; Hou, L.; Aung, W.; George, R.; Singhal, A.; Nieto, M. **Clinical Outcomes of Extreme Leukocytosis in ICU Patients: An Insight into Mortality and Supportive Care Needs.** *Blood*, 144, 5378, 2024, Content Repository Only!.

Cardiology

35. Jnani, J.; Weintraub, S.; George, R.; Impastato, B.; Kamel, M.; **Sood, A**; Hsieh, J.; Srivastava, S.; Tsai, A.; Alboucai, J. **The Utility of the Modified Shock Index (MSI) in Risk Stratification of Patients with STEMI.** *Circulation*, 150 Suppl_1, A4145277-A4145277, 2024, Lippincott Williams & Wilkins Hagerstown, MD.
36. George, R.; Varadarajan, S.; Chang, J.; **Sood, A**; Pierce, M. **Comparing Cardiovascular Outcomes in Patients with Lyme Disease and Babesiosis: A Retrospective Cohort Study.** *Circulation*, 150 Suppl_1, A4129453-A4129453, 2024, Lippincott Williams & Wilkins Hagerstown, MD.
37. Jnani, J.; Kamel, M.; Weintraub, S.; George, R.; Impastato, B.; **Sood, A**; Tsai, A.; Hsieh, J.; Cheng, A.; Alboucai, J. **Evaluation of Gender, Racial and Ethnic Differences in Time to PCI in the Pre and Post Covid-19 Era.** *Circulation*, 150 Suppl_1, A4119613-A4119613, 2024, Lippincott Williams & Wilkins Hagerstown, MD.
38. Sangari, A.; **Sood, A**; Sangari, A.; Sood, N.; Maini, K. **Predicting Intubation and Ventilation Needs Upon Admission for Intensive Care Patients With Congestive Heart Failure.** *Circulation*, 144 Suppl_1, A14410-A14410, 2021, Am Heart Assoc.
39. Sangari, A.; Sood, N.; **Sood, A**; Maini, K.; Hauger, J. **Improving Patient Selection in International Pediatric ECPR Cohorts.** *Annals of Emergency Medicine*, 78(4), S18, 2021, Elsevier. (Pediatrics/Emergency Medicine/Critical Care)

Dermatology

40. Chu, L.; **Sood, A**; Gangal, A.; MacKelfresh, J.; Yeung, H. **Qualitative Program Evaluation of a Scholarly Project Requirement in Dermatology Residency**. *Journal of the American Academy of Dermatology*, 89(3), AB80, 2023, Elsevier.
41. Gangal, A.; Chu, L.; **Sood, A**; Yeung, H. **Qualitative evaluation of dermatology e-consults in an urban safety-net hospital**. *Journal of the American Academy of Dermatology*, 89(3), AB214, 2023, Elsevier.

Posters

Dermatology

41. Jain S., **Sood A.**, Tushe S., Dieudonne R., Orenstein L. (2023) “Hidradenitis suppurativa and food insecurity- a stratified analysis”, 12th Hybrid Conference of the EHSF 2023 Hidradenitis Suppurativa / Acne Inversa-Tagung 2023
42. Jain S., **Sood A.**, Tushe S., Dieudonne R., Orenstein L. (2023) “Hidradenitis suppurativa and food insecurity- a stratified analysis”, Medical Dermatology Society 2023 Annual Meeting
43. **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.
44. 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.

Dermatopathology

45. **Sood A.** and Anand D. (2019), “Atypical Lymphocytic Lobular Panniculitis”, American Society of Dermatopathology
46. **Sood A.** and Anand D. (2019), “Lamotrigine-Induced Cutaneous CD 30+ Anaplastic Large Cell Lymphoma”, American Society of Dermatopathology
47. **Sood A.** and Anand D. (2019), “Degos Disease”, American Society of Dermatopathology

COVID-19

48. 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.
49. Farooq M., Mehra, M., Najim W, **Sood A.**, Najim (2021) “ Do increased vaccination sites per person lead to increased vaccination rates - a study of Alabama”.
 - AMA Research Challenge Semifinalist
50. 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.

Health and Technology

51. **Sood A.** and Sangari A. (2021) “Bias Prevention in Global Adoption of Artificial Intelligence Based Health Management Systems”, UCF Global Health Conference
 - Winner of best poster in category
52. Sangari A. and **Sood A.**, “Establishing Global Guidelines for Integrating Artificial Intelligence Systems into Clinical Care” UCF Global Health Conference
53. 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

Translational Research

54. **Sood A.** et al. (2018), “Effect of Metformin on Urine Concentrating Ability in Sick Cell Mice,” Kidney, Urologic, and Hematologic Diseases Summer Undergraduate Research Symposium at Harvard University

Psychology

55. **Sood A.** (2017), "Exploring Group Configuration and its Effect On Group Performance," Undergraduate Research Symposium, University of Georgia

Stem Cells/Bench Work

56. **Sood A.** and Daniel T. (2017), "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** (Goal: Generate awareness): Hundreds of survival bags and hygiene kits distributed to homeless; Organized homeless immersion programs with multiple universities.
- **Medical** (Goal: Medical support): Provided free medical testing through 13 medical camps.
- **Social Entrepreneurship** (Goal: Create opportunities): Fundraised over \$50,000 for scholarships for underprivileged youth; provide skills-based training to homeless veterans; Built homes for 30 homeless people in Tijuana, Mexico in 2014-16.
- Volunteers mobilized: 600+; People served: 3,000+; Hours Served: 17,000+; Funds Raised: \$90,000+.
- Featured by Ted Talk, American Immigration Council, Atlanta Business Radio, Youth Service America, and 13WMAZ Radio. 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 \$4,900 during the month of June
- Received sponsorships from GA Tech, Bitpay, 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 and reintegrate into workforce

PROFESSIONAL AND TEACHING EXPERIENCE

DigitalDx Ventures

Venture Fellow

Dec. 2023- Apr. 2023

- Conducted due diligence by researching and analyzing investment opportunities, performing competitive assessments, and scouting potential investments.
- Led Market Research Analysis in digital diagnostics, analyzing past deal flows, current investment focuses, and forecasting future investment trends.

Resident Resource Website

Freelance Developer & Maintainer

Dec. 2024 – Current

- Developed and maintain a custom web application (adityasood.me/work) serving as a critical resource hub for internal medicine residents and fellows, achieving approximately 2000 weekly hits.
- Utilized HTML, CSS, and JavaScript to create a user-friendly and efficient platform for accessing essential clinical tools and resources.
- Demonstrated proficiency in front-end web development, including responsive design and cross-browser compatibility.

Peer Learning Assistant in Intro to Biochemistry - UGA

Jan. 2018 - May 2018

Stepping Stone Volunteer to teach English in Shanghai; 40 students

May 2017 – Jun. 2017

University of Pennsylvania Health System

May 2013 – Jun. 2013

Giving Point Institute

2014-2015

LEADERSHIP POSITIONS AT UNIVERSITY

Senator, Medical School Senate

2022 - 2023

External Program Coordinator, COVID Response Team

2020 - 2021

Member, Honors Program Student Council

2016 - 2019

President, HackUGA

2016 – 2017