

Arya Babul
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EDUCATION GPA (Unweighted: 3.925; Weighted: 4.875); SAT: 1550 (1570 superscore); ACT: 35

West Career & Technical Academy (magnet high school)

2023 – 2027

RESEARCH EXPERIENCE

- Conducted research on treatment of postspinal hypotension a complication of Cesarean delivery with Professors Free & Desai, OB-GYN Department, UNLV School of Medicine, and Dr. Ashraf, Director, Critical Care Services, MountainView Hospital, Las Vegas
- Conducted research in alopecia areata & atopic dermatitis with dermatologists Drs. Mehta and Soliman (Las Vegas), and Dr. Rajpara, Professor & Chair, Dermatology, UMKC School of Medicine
- Conducted research in postsurgical pain with Dr. Gill, University College Hospital, London and Dr. Ashraf, Director, Critical Care Services, MountainView Hospital, Las Vegas

PEER-REVIEWED PUBLICATIONS & PRESENTATIONS [\(See Reading Room\)](#)

Lead & Corresponding Author: Dermatology, Obstetric Anesthesia, Global/Public Health & Opioid Addiction

- **18** *Peer-Reviewed, PubMed Indexed Publications*: International Journal of Dermatology, Indian Journal of Anaesthesia, Journal of Anaesthesia Clinical Pharmacology, Cureus Medical Science Journal & Indian Journal of Dermatology, Venereology and Leprology
- *10 Peer-Reviewed Annual Meeting Poster Presentations*: American Academy of Dermatology, American College of OB-GYN, International Anesthesia Research Society, Society for Maternal-Fetal Medicine
- *5 Peer-Reviewed Podium Presentations at Medical Conferences*: Japan, France, Spain, & Malaysia
- Responses to Former FDA Commissioner, Dr. S. Gotlieb ([JAMA Health Forum #1](#) & [JAMA Health Forum #2](#)) & Dr. R. Kleinman, Institute for Mental Health Policy Research, Toronto ([JAMA Pediatrics](#))

LEADERSHIP

- Founder & President, Society for Awareness of Neglected Diseases ([SAND](#)), a not-for-profit organization to raise awareness of neglected tropical diseases (NTD). Curated an executive team & a globally recognized advisory board; set up robust social media sites with over 25,000 global followers ([Instagram](#), [X](#))
- Co-editor, Cureus Medical Science Journal [Collection for](#) Neglected Tropical Diseases/Rural Medicine
- Peer Reviewer for 8 PubMed indexed journals: Anesthesiol Res Pract; J Cosmet Dermatol; Cureus; Drug Des Devel Ther; Clin Cosmet Investig Dermatol; J Invest Surg; J Matern Fetal Neonatal Med; Front Immunol
- Founded and led the [Summerlin Chess Club](#) for students from historically underserved communities

EXTRACURRICULAR ACTIVITIES

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| • Research collaboration: UNLV, Department of Obstetrics and Gynecology | 2025-2027 |
| • Research collaboration: MountainView Hospital, Department of Critical Care | 2025-2027 |
| • Research collaboration: Thomas Dermatology | 2025-2027 |
| • Research collaboration: UMKC School of Medicine, Department of Dermatology | 2025-2027 |
| • Shadowing physicians in cardiology, family medicine, critical care & dermatology | 2024-2027 |
| • HOSA Club - West Career & Technical Academy | 2023-2027 |

• American Heart Association-Approved CPR/AED/First Aid Certification	2025-2027
• Robotics Club - West Career & Technical Academy	2023-2027
• FIRST® Robotics Competition participant (multi-state, six-country field)	2023-2027
• VEX Robotics Competition participant (Southern Nevada)	2024-2027
• Las Vegas Youth Indoor & Outdoor Soccer League	2019-2027
• Member, Society for Maternal Fetal Medicine (SMFM)	2025-2027
• Member, American Society of Tropical Medicine & Hygiene (ASTMH)	2026-2027
• Member, ASTMH Committees on Clinical Tropical Medicine & Global Health	2026-2027
• Member, International Society for Neglected Tropical Diseases	2026-2027

COMMUNITY SERVICE

• Raised ~\$3,000 for WHO's NTD Program through a door-to-door campaign	2025
• Volunteered at 6 multi-level robotics competitions	2023-2027
• Volunteered at an assisted living facility	2025-2027
• HOSA healthcare community service volunteering	2023-2027
• Coordinated weekly activities at the Summerlin Community Chess Club	2023-2027

AWARDS

• 10 Invited Poster Presentations at National Medical Society Meetings (See Reading Room)	2026
➤ American Academy of Dermatology (AAD), Denver	
➤ American College of Obstetrics and Gynecology (ACOG), Washington, DC	
➤ International Anesthesia Research Society (IARS), Montreal	
➤ Society for Maternal-Fetal Medicine (SMFM), Las Vegas	
• 5 Invited Podium Presentations at International Medical Conferences (See Reading Room)	2026
➤ World Conference on Neurology and Brain Disorders, France	
➤ World Conference on Gynecology & Women's Health, Japan	
➤ 4th International Conference on Dermatology and Cosmetology, Malaysia	
➤ 7th International Conference on Dermatology and Cosmetology, Spain	
➤ International Conference on Addiction and Psychiatry, Japan	
• National Merit Scholarship Participant (PSAT 1500)	2027
• First Place in Medical Spelling at HOSA NV State Leadership Conference	2026
• Competed at HOSA International Leadership Conference	2026
• Advanced to FIRST Robotics World Championship	2026
• CollegeBoard AP Scholar Award	2025
• CollegeBoard National Recognition Program	2025
• Nevada's Statewide Millennium Scholarship - Eligible	2027
• Des Moines University Medical Terminology Certification	2026
• University of Colorado EMT Medical & Trauma Emergency Care Certification*	2026

[*Ongoing](#)