

AJMERA, KUNAL M

Email: kunalajmera@gmail.com

Address: 1707 Blue Flint Ct, Reston, VA 20190

Cell No. 312-806-0353

Medical Education:

08/2003 - 04/2009 M.B.B.S.

C.U. Shah Medical College,
Surendra Nagar, Gujarat India.

Graduate:

08/2010-05/2013 Masters in Public Health (Epidemiology)

The George Washington University, Washington D.C. USA.

Residency:

06/2014-08/2017 Family Medicine MD

Charleston Area Medical Center, West Virginia University, Charleston, WV, USA.

Worked in an inpatient and outpatient setting in a 908-bed, regional referral, and academic medical center. Provided a total of 12 months of inpatient care including ICU, with an average number of 15-25/day patients in either an inpatient or outpatient setting.

Membership and Honorary/Professional Societies:

Fellow of the Academy of Physicians in Clinical Research (APCR)

Sigma Xi

Society of Hospital Medicine

Academy of Physicians in Clinical Research

The Southern Society for Clinical Investigation

American Academy of Family Physicians (AAFP)

Other Memberships:

Co-chair for the Maryland AAFP Public Health Workgroup, 05/2022-current.

On the editorial board for the Case Reports in Surgery and Invasive Procedures. 05/2022-current

On the editorial board for the International Journal of Clinical Investigation and Case Reports. 05/2022-current

On the editorial board for Immunology and Inflammation Diseases Therapy. 05/2022-current

Sepsis Committee, Calvert Health Medical Center. 07/2021-05/2022

Utilization and Management Committee, Calvert Health Medical Center. 10/2021-05/2022

Early career Physicians, Virginia Chapter ACP 08/2021-11/2021

Health and Public Policy, ACP 08/2021-11/2021

Diversity Equity and Inclusion, ACP 08/2021-11/2021

Peer Reviewer:

-Reviewed 95 articles for 15 different national & international journals. I was unable to review 17 articles due to my busy schedule.

-Judged 4 abstracts under the Human Behavioral and Social Sciences category for the Student Research Showcase, Sigma Xi, May 2022.

-Judged 12 abstracts under the Microbiology and Molecular Biology Section for the Student Research Showcase, Sigma Xi, April 2022.

Judged 9 abstracts for the Student Research Showcase, Sigma Xi, April 2022.

-Judged 12 abstracts for the Student Research Showcase, Sigma Xi, March 2022.

-Reviewed 4 grant proposals under the Energy & Environment category, for Conrad Challenge, Sigma Xi, February 2022.

-Reviewed 16 grant proposals for the Ecology section, Sigma Xi, December 2021.

-Served as a lead judge for 5 poster/oral presentations under the Human Health (Advancing Drug Design and Limiting Drug Resistance, Advancing Health Informatics, Advancing Vaccines, Preventing Pandemics, Cancer Detection, and Therapy) category, Sigma Xi Virtual Student Research Conference, 11/2021.

-Served as a lead judge, for 9 posters & oral presentations under Microbiology and Molecular Biology category, Sigma Xi Virtual Student Research Conference 11/2021.

-Served as a judge/reviewer for 10 poster/oral presentations under the Environmental Science category, Sigma Xi Virtual Student Research Conference, 11/2021.

-Served as a judge/reviewer for 10 poster/oral presentations under the Computer Science/Maths Category and 1 poster under the chemistry category for Sigma Xi Virtual Student Research Conference, 11/2021.

-Reviewed/Judged 5 abstracts for the Student Research Conference, Sigma Xi 10/2021.

-Judged 11 virtual poster presentations for Virginia ACP Residents' Day abstract competition, ACP, 10/2021.

-Reviewed/Judged 8 abstracts for the 24th Annual Resident Abstract Competition, Virginia Chapter, ACP

Chapter 08/2021.

Honors & Awards:

-Healio Honoree, 2022.

<https://www.healio.com/healio-honors/honoree/07080d50-3995-4c05-b804-268c25714451>

-Nominated for Maryland Family Physician of the Year Award, 11/2021.

-Marquis Who Is Who honor, 10/2021.

-Summer Cancer Research Training Award, National Cancer Institute (NCI), NIH, 11/2011.

Certification/Licensure Board:

Certification: Family Medicine ACLS/BLS- 2014 Present.

State Medical License: Maryland, 2017-Present.

Work Experience:

06/2022-Present: Sentara Northern Virginia Medical Center, Woodbridge, VA. I have been working as a hospitalist (admitting provider) currently. As a hospitalist, I am responsible for attending all the ER admission to the regular floor as well as to the intermediate care unit, rapid responses, code blue, and addressing issues related to critically ill patients.

06/2018- 05/2022: Calvert Health Medical Center, Prince Frederick, MD. I worked as a nocturnist at Calvert Hospital. As a hospitalist, I was responsible for attending all the ER admission (to floor/ICU), rapid responses, code blue, and addressing issues related to critically ill patients. Since 2020 I have been a frontline healthcare worker taking care of patients with COVID-19.

08/2017- 05/2018: Maryland Medical First PA, Baltimore, MD I worked in an inpatient and skilled nursing home setting as a private attending at Good Samaritan Hospital and local nursing homes in Baltimore, MD.

09/2013-03/2014: Asclepius Solutions Inc, National Cancer Institute, NIH, Bethesda, MD. As an Intern, I was working on a clinical trial research project where I was actively involved in the development of the clinical database with the help of RAVE and iMedidata as well as data analysis.

08/2011 - 09/2011: National Cancer Institute, NIH, Maryland Federal Contractor, Dr. Tanya Agurs-Collins. I performed the research to review the literature on the relationship between vitamin D and breast cancer,

focusing on health disparities for African-Americans. The results from this review will increase our understanding of the role vitamin D plays in cancer susceptibility and mortality. The findings may provide evidence for needed interventions targeted at the African-American population.

12/2010 - 12/2012: The George Washington University, Washington D.C. Research Associate, Dr. Paul Levine I have worked with Dr. Levine on various research projects related to cancer epidemiology. Some of them are Chronic Myelocytic Leukemia (CML) in India, Transfer Factor in viral associated malignancy, inflammatory breast cancer, and cervical cancer.

Volunteer Research Experience:

05/2022-Present

On the editorial board for the Case Reports in Surgery and Invasive Procedures.

05/2022-Present

Serving on the editorial board for Immunology and Inflammation Diseases Therapy.

03/2022-Present

Serving on the editorial board for the International Journal of Clinical Investigation and Case Reports.

01/2013-08/2013: Premier Pediatrics of Manassas, Research Assistant. American Academy of Pediatrics Project CATCH, Bridging the gap: South Asian Infant well care. The purpose of this project was to improve the health outcomes of South Asian American families living in the Edison, NJ area. As a research assistant, I was heavily involved in data collection/data analysis.

11/2011 - 01/2013: The George Washington University, Washington D.C. Research Associate/Extern, Dr. Keith Boniface

As a clinical researcher, I have worked on a prospective cohort on, "Ultrasound evaluation of central venous catheter placement" in the emergency room, Operating Suites, and ICU. As a clinical researcher, I have learned various uses of bedside ultrasound such as FAST, cardiac, Ob/Gy, DVT studies, abdominal aorta examination in adults as well as in the pediatric population at the emergency department of The GWU, Inova Fairfax Hospital, and Prince George's Hospital. I have also participated in history taking, physical examination, case discussion, treatment plan, and case presentation at the ER at GWU Hospital under the guidance of Dr. Boniface.

08/2012 - 01/2013: Interned with the D.C. Department of Health, Washington D.C. in collaboration with George Washington University. The purpose of this work was to map cervical cancer cases by race and ward

in the D.C. area and compare them with all other regions of the U.S.A. Also to compare cervical cancer mortality status by race, and geographic location to determine the necessity and importance of the HPV vaccine.

06/2011 - 08/2011: The George Washington University, District of Columbia Research Associate, Dr. Amita Vyas. I performed research involving data collection on the Diabetes Prevention Project for Dr. Vyas. The purpose of this study is to determine the basic lifestyle of children aged 5 to 15 years having a family history of Type 2 Diabetes.

Publications Peer-Reviewed Journal Articles:

- 1) Pandit R, Pandit T, Goyal L, Ajmera KM. (June 30, 2022) A Review of National Level Guidelines for Risk Management of Cardiovascular and Diabetic Disease. *Cureus* 14(6): e26458. doi:10.7759/cureus.26458
- 2) Pandit T, Pandit R, Goyal L, Ajmera KM, et al. (June 30, 2022) Novel Presentation of Parechovirus Encephalitis in Children: Two Unique Cases. *Cureus* 14(6): e26456. doi:10.7759/cureus.26456
- 3) Ajmera K, Thaimuriyil N, Shah N (June 22, 2022) Recent Advances in the Endoscopic Management of Gastro-esophageal Reflux Disorder: A Review of Literature. *Cureus* 14(6): e26218. doi:10.7759/cureus.26218
- 4) Goyal L, Pandit R, Pandit T, Ajmera KM. (June 21, 2022) Ivermectin-Induced Acute Psychosis in Patients Infected With COVID-19 Pneumonia. *Cureus* 14(6): e26141. doi:10.7759/cureus.26141
- 5) Goyal L, Ajmera K, Kaasam S, et al. (May 12, 2022) Tinnitus and Mild Hearing Loss From a Kiss. *Cureus* 14(5): e24955. doi:10.7759/cureus.24955.
- 6) Goyal L, Acebo R, Islam S, Ajmera K, Kaasam S. (May 09, 2022) A Rare Case of Risperidone-Induced Hypothermia and Thrombocytopenia. *Cureus* 14(5): e24836. doi:10.7759/cureus.24836.
- 7) Goyal L, Ajmera K, Pandit R (April 13, 2022) Reoccurring Episcleritis and the Role of Antioxidants. *Cureus* 14(4): e24111. doi:10.7759/cureus.24111
- 8) Ajmera K, Bansal R, Wilkinson H, et al. (April 12, 2022) Gastrointestinal Complications of COVID-19 Vaccines. *Cureus* 14(4): e24070. doi:10.7759/cureus.24070
- 9) Goyal L, Ajmera K (April 06, 2022) Osteoporosis: A Step-by-Step Case-Based Study. *Cureus* 14(4): e23900. doi:10.7759/cureus.23900.
- 10) Levine PH, Ajmera KM, Bjorke B, Peterson D. Individualizing medical treatment in chronic fatigue syndrome/myalgic encephalomyelitis: Evidence for effective medications and possible relevance to “Long-Hauler Syndrome” in Covid-19 affected patients. *J Clin Images Med Case Rep.* 2022; 3(1): 1681.

- 11) Ajmera KM, Wilkinson H. Neurologic complications of COVID-19 vaccine. *J Clin Images Med Case Rep.* 2022; 3(2):1650.
- 12) Kunal M. Ajmera. Association between COVID-19 Vaccine and New-Onset Atrial Fibrillation. *Cardiology and Cardiovascular Medicine* 6 (2022): 1-6.
- 13) Kunal M. Ajmera. COVID-19 and Its Association with New-Onset Diabetes. *Archives of Clinical and Medical Case Reports* 5 (2021): 855-861.
- 14) Kunal M. Ajmera. Cerebral T Waves, an Indicator for Non-Ischaemic Alcoholic Cardiomyopathy. *Fortune Journal of Health Sciences* 4 (2021): 500-506.
- 15) Ajmera KM, Wilkinson Heather. Spontaneous Lower Gastrointestinal Bleeding Following Casirivimab/Imdevimab Treatment for COVID-19 Infection: A Case Presentation and Short Literature Review. *Archives of Clinical and Biomedical Research* 5 (2021): 756-762.
- 16) Ajmera KM. Fatal Case of Rhabdomyolysis Post-COVID-19 Vaccine. *Infect Drug Resist.* 2021;14:3929-3935. <https://doi.org/10.2147/IDR.S331362>
- 17) Levine PH, Ajmera K, Neill OB, Venkatesh V, Garcia-Gonzalez P, Hoffman HJ (2016) Demographic factors related to young age at diagnosis of chronic myeloid leukemia in India. *Clin Epidemiol Global Health* 4(4):188–192. <https://doi.org/10.1016/j.cegh.2016.06.001>
- 18) Hoffman HJ, Khan A, Ajmera KM, Zolfaghari L, Schenfeld JR, Levine PH. Initial response to chemotherapy, not delay in diagnosis, predicts overall survival in inflammatory breast cancer cases. *Am J Clin Oncol.* 2014 Aug;37(4):315-21. doi: 10.1097/COC.0b013e318271b34b. PMID: 23241503.
- 19) Boniface KS, Ajmera K, Cohen JS, Liu YT, Shokoohi H. Ultrasound-guided arthrocentesis of the elbow: a posterior approach. *J Emerg Med.* 2013 Nov;45(5):698-701. doi: 10.1016/j.jemermed.2013.04.053. Epub 2013 Aug 26. PMID: 23988143.
- 20) Levine, P. H., Pizza, G., Ajmera, K., De Vinci, C., Viza, D. (2011) Transfer factor in virus-associated malignancies: an underestimated weapon in prevention and treatment of cancer. *Adv. Tumor Virol.* 2, 7-20.

Book Chapter:

- 1) Ajmera, K.M. Adverse Events Profile of COVID-19 Preventative Strategies. *Encyclopedia* 2022, 2, 457–465. <https://doi.org/10.3390/encyclopedia2010028>.

Poster Presentation:

- 1) Ajmera KM. (2022) A Rare Case of Cerebral Amyloid Angiopathy Presenting As Recurrent Seizure Disorder. Presented at Maryland American Academy of Family Physician (AAFP) Annual Meeting & Winter Refresher, Baltimore, MD.

- 2) Ajmera KM, Vargas A, Levine PH. (2012). Epidemiology of cervical cancer in D.C. Oral Presentation presented at CE Presentation, The George Washington University; Washington, DC.
- 3) Ke Zhou, Kunal Ajmera, Adam Mendizabal, Viji Venkatesh, Pat Garcia-Gonzalez, Heather Hoffman, Paul Levine. (2012). Socioeconomic Factors Affect the Age at Diagnosis of Chronic Myelogenous Leukemia (CML) in India. Poster presented at Research Day, The George Washington University; Washington, DC.
- 4) Kunal Ajmera, Dana Chesla, Judith Donovan, Deise Iagalo Galan, Meg Hopkins, Mariam Madanat, Brianna McCann, Bruce Points, Rana Suliman, Danielle Tropper. (2012). The Development of a Substance Abuse Training Curriculum. Addiction Prevention and Recovery Administration. DC Department of Health. Poster presented at Service Learning Night; Washington, DC.
- 5) Liu YT, Calabrese K, Ajmera KM, Salimian M, Tran TP, Shokoohi H, Boniface K, McCarthy M. A SIMPLE BEDSIDE ULTRASOUND EXAMINATION TO CONFIRM CENTRAL VENOUS CATHETER PLACEMENT. (2012). AIUM conference.
- 6) Levine PH, Hoffman H, Mendizabel A, Venkatesh V, Zhang Y, Zhou K, Ajmera K, Garcia Gonzalez P. (2011). Epidemiologic Studies of Chronic Myeloid Leukemia (CML) in India. Poster presented at Third North American Congress of Epidemiology; Montreal, Canada.