

# Dr. Oshin Puri, MBBS

[purioshin@gmail.com](mailto:purioshin@gmail.com) | (+91) 8800932613 | Website: [www.oshinpuri.com](http://www.oshinpuri.com) | Rishikesh, India  
[LinkedIn](#), [Research Gate](#), [Google Scholar](#)

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## PROFESSIONAL SUMMARY

A research-oriented medical doctor with two years of part-time clinical research, and three years of part-time and five months of full-time laboratory research experience, passionate about human cognition and behavior in health and disease. Looking for opportunities to advance this passion through full-time research in cognitive and behavioral neuroscience followed by clinical training in neurosurgery with a long-term goal of practicing as a Functional Neurosurgeon-Scientist. Committed to contributing to understanding cognition and behavior, and innovating surgical techniques to treat associated pathologies.

## EDUCATION

**All India Institute of Medical Sciences (AIIMS)** Rishikesh, India  
Bachelor of Medicine and Bachelor of Surgery (MBBS) - *Doctor of Medicine (MD) equivalent* **July 2018 - July 2024**  
*Distinction in Anatomy, Physiology, Biochemistry, Ophthalmology, Orthopedics, & Dermatology.* Percentage: 70.53%  
*Relevant Coursework:* Neuroanatomy, Neurophysiology, Psychiatry, Neurology, Neurosurgery and Neuroradiology.

**St. Xavier's Senior Secondary School** Delhi, India  
*Academic Excellence Award for  $\geq 95\%$  in all subjects in Central Board of Secondary Education (CBSE) - All India Senior Secondary Certificate Examination (AISSCE) 2018*  
*Sanjay Bhargav Award for Best Student in Biology in 2017.*  
*Fr. Frank N Loesch Award for Best Student in Science in CBSE - All India Secondary School Examination (AISSE) 2016.*  
*L.C. Malhotra Award for Best Student in Mathematics in CBSE - AISSE 2016.*  
*CBSE's Certificate of Merit for a GPA of 10/10 in CBSE - AISSE 2016.*

## PROFESSIONAL EXPERIENCE

**All India Institute of Medical Sciences (AIIMS)** Rishikesh, India  
*Clinical (Full-time): Medical Intern/MS5* **January 2023 - July 2024**

- Completed clinical clerkships in 13 key medical and surgical specialties.
- Provided comprehensive outpatient care in Internal Medicine Screening Clinics, Otorhinolaryngology, Primary Health Centres and Family Clinics, and Psychiatry, focusing on history-taking, general and systemic examination, and diagnostic workup.
- Conducted Ophthalmic out-patient examinations including visual acuity evaluation and tonometry.
- Delivered in-patient care, including supervised medical procedures (Pleural Tap, Ascitic Tap, Lumbar Puncture, Central Venous Catheterisation, and Endotracheal Intubation), and intensive care in Emergency Medicine, General Medicine, General Surgery, Pulmonary Medicine, Obstetrics and Gynecology, Orthopedics, and Pediatrics.
- Assisted medico-legal autopsy in Forensic Medicine and Toxicology

*Laboratory Research (Part-time): Medical Student/Research Assistant* **October 2018 – March 2022**

- Lt. Col. Prof. (Dr.) Latika Mohan's Autonomic Function Lab
  - Led the design and standardization of experiments to analyze psychological and electrophysiological responses of afraid and indifferent individuals to audio-visual exposures
  - Studied electrophysiological fear responses using autonomic function tests - Galvanic Skin Response (GSR)/Skin Conductance Level (SCL), Heart Rate Variability (HRV), and Blood Pressure
  - Validated and standardized psychological fear assessment questionnaire and audio-visual fear exposures
  - Studied the anthropometric, biochemical, and cardiac autonomic profile of Metabolic Syndrome.

- Dr. Mohit Bhatia's Bacteriology and Mycology Lab
  - Investigated the microbial profile of hospital oxygen humidifiers and compared it against the microbial profile of the source water and that of patients with nosocomial infections
  - Studied the clinical, microbiological, and radiological profile of post-COVID pulmonary fungal infections.

### Indian Council of Medical Research - National Institute for Research in Reproductive and Child Health

Mumbai, India

Department of Health Research (DHR) Trainee in Human Disease Models: Approaches, Applications and Advances **May 2024**

- Acquired basic practical skills in human disease models namely - 2D (primary and cell lines) and 3D (spheroids and organs-on-chip models) cell culture techniques - transfection by lipofectamine, passaging by trypsinization, and microfluidics; induced Pluripotent stem cells (iPSC) disease models (schizophrenic neuron), 3D bioprinting, and animal models and in-vivo imaging.
- Gained basic experience working with Primer Designing tools, Genome sequencing and analysis tools, and Bioinformatics tools.
- Observed confocal microscopy, and high-content screening.
- Lab day project work - iPSC maintenance and sub-culturing, and passaging cell lines

### National Center for Biological Sciences - Tata Institute of Fundamental Research

Bangalore, India

Summer Research Fellow at [Prof. Upinder Bhalla's Memory and Plasticity Lab](#)

**August – October 2023**

- Developed HillTau models of Acetylcholine neurotransmission
- Optimized the model against 24 FindSim (Framework for Integrating Neuronal Data and Signaling Models) dose-response experiments manually and in Hierarchical Optimization of Systems Simulations (HOSS)
- Gained basic experience in patch-clamp electrophysiology, optogenetics, mice surgeries, and in-vivo imaging

### Council for Scientific and Industrial Research - Center for Cellular and Molecular Biology

Hyderabad, India

Summer Trainee at [Dr. Arvind Kumar's Epigenetics and Neuropsychiatric Disorders Lab](#)

**May – July 2023**

- Studied effects of imipramine (conventional slow-acting) and ketamine (fast-acting) anti-depressants on selected immediate early genes, neurotrophic factors, and synaptic plasticity genes in chronic stress-induced depression
- Acquired practical skills in molecular neuroscience including protein and RNA extraction, agarose gel electrophoresis, western blotting, and quantitative PCR
- Observed animal behavior experiments, brain harvesting and dissection, and cell culture techniques

### Neuromatch Academy - Computational Neuroscience

Virtual

Interactive Track

**July 2020**

- Studied basic principles of computational modeling in neuroscience
- Project work - Studied Blood Oxygen Level Derived (BOLD) signal-based resting-state functional connectivity between 360 parcellated brain regions in 340 participants using the Human Connectome Project database
- Assessed the association between resting state functional connectivity and task performance in n-back face recognition task

### PUBLICATIONS

#### Original Research Articles

- **Puri O**, Gupta N, Mittal S. The impact of Pre-existing Eye Donation Awareness on Donation Rate after Grief Counseling - A Cross-Sectional Study. medRxiv doi:[10.1101/2023.11.15.23298568](https://doi.org/10.1101/2023.11.15.23298568). *In Press*
- Bhasi A, **Puri O**, Pathania M, et al. Waist Circumference as a potential indicator of cardiac autonomic profile in Metabolic Syndrome - A cross-sectional study. medRxiv doi:[10.1101/2023.11.15.23298569](https://doi.org/10.1101/2023.11.15.23298569). *In Press*
- Kumar P, **Puri O**, Unnithan VB, et al. Preparedness of Diabetic Patients for Receiving Telemedical Healthcare: A Cross-Sectional Study. *Journal of Family Medicine and Primary Care*. 13(3):p 1004-1011, March 2024. doi:[10.4103/jfmpc.jfmpc.1024.23](https://doi.org/10.4103/jfmpc.jfmpc.1024.23)

- Martinino A, Owen E, **Puri O**, et al. A Qualitative Study Assessing the Management of Predatory Journals and Their Publishing Activities: Results From the ASGLOS Study. *Cureus*. 2024;16(2) doi:[10.7759/cureus.54189](https://doi.org/10.7759/cureus.54189)
- **Puri O**, Bhatia M, Udayshankar SR, et al. Post-COVID Pulmonary Fungal Infections: Clinico-microbiological profile of cases encountered during the second wave of the COVID-19 pandemic at a teaching hospital in the Himalayas. *Journal of Family Medicine and Primary Care* 12(12):p 3228-3235,2023. doi:[10.4103/jfmpe.jfmpe\\_1073\\_23](https://doi.org/10.4103/jfmpe.jfmpe_1073_23)
- Martinino A, **Puri O**, Pereira JPS, et al. The ASGLOS Study: A global survey on how predatory journals affect scientific practice. *Developing World Bioethics*. 2023;10.1111/dewb.12421. doi:[10.1111/dewb.12421](https://doi.org/10.1111/dewb.12421)
- Johar P, **Puri O**, Verma PK. Assessment of knowledge, awareness, and attitude toward genetic diseases among medical students studying in a tertiary health-care teaching hospital in Uttarakhand, India. *Indian Journal of Child Health*. 2023;10(7):83-87. doi:[10.32677/ijch.v10i7.4066](https://doi.org/10.32677/ijch.v10i7.4066)
- **Puri O**, Udayakumar SR, Bhatia M, et al. Microbiological profile of oxygen humidifiers at a tertiary care center in the Himalayas: An exploratory study. *Journal of Patient Safety and Infection Control*. 2022;10(1):81-26. doi:[10.4103/jpsic.jpsic\\_27\\_22](https://doi.org/10.4103/jpsic.jpsic_27_22)

*Forthcoming (as of August 2024)*

- **Puri O**, Unnithan VB, Kumar P et al. Effectivity of Hands-on Near-Peer Teaching in Scientific Writing for Indian Medical Students. Research Square doi:[10.21203/rs.3.rs-1792414/v1](https://doi.org/10.21203/rs.3.rs-1792414/v1). *Manuscript submitted*.
- **Puri O** (Steering Committee, Analysis Team, and Writing Team) meDical studEnts' perspeCtives On Doing rEsearch: A cross-sectional study (DECODE Study). Student Orbit for Collaborative Healthcare (SOCH) India. Abstract - [https://jogs.one/icigs\\_1000\\_9/](https://jogs.one/icigs_1000_9/). *Manuscript in peer-review*.
- **Puri O**, Mohan L, Dubey M, et al. Assessment of Electrophysiological & Perceptive changes on exposure to Implosive & Graduated Audio-Visuals in Fears. *Manuscript in revision*
- **Puri O**, Singh A, Swami K, et al. Healthcare Information Seeking Behavior Among Unaffected Indians during COVID-19 and its Impact on Mental Health: A Cross-Sectional Study. *Manuscript writing*

#### Review Article

- **Puri O**, Rathaur VK, Pathania N, et al. A New Phase of Healthcare: COVID-19 and Medical Advancements. *Journal of Clinical and Diagnostic Research*. 2022;10(1):81-26. doi:[10.7860/JCDR/2020/46510.14254](https://doi.org/10.7860/JCDR/2020/46510.14254)

*Forthcoming (as of August 2024)*

- Govekar S, Bhatia M, **Puri O**. Scrub typhus-Leptospirosis Co-infection in India: An Unsolved Riddle! A Systematic Review and Meta-analysis. *Manuscript in peer-review*.
- Govekar S, Singh A, **Puri O**, Bhatia M. Mortality Predictors of the Great Mimicker - "Meliodosis": A Systematic Review and Meta-analysis. *Manuscript submitted*.

#### Book Chapters

- Johar P, **Puri O**, Verma PK. Awareness about Genetics and Genetic Disorders among Medical Students. ACMMR-V7 [Internet]. 2023 Dec. 7; Available from: <https://stm.bookpi.org/ACMMR-V7/article/view/12669>

#### Short Communications

- Rangan R, Md Amin N A N, Milenia T, **Puri O**. AMSEP Internal Audit - A Behind The Scenes Into Medical Students' Exchanges during the COVID-19 Pandemic. *Journal Asian Medical Students Association*, 2023;10(1)
- Singh A, **Puri O**. Research: The perspective of medical undergraduates. *Journal of Medical Evidence*, 2022
- **Puri O**. The doctor I want to be. *Journal of Medical Evidence*, 2020

## GRANTS AND SCHOLARSHIPS

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- Indian Academy of Science (IASc) - Indian National Science Academy (INSA) - National Academy of Sciences India (NASI) [Summer Research Fellowship](#) 2023
  - Modeling of Acetylcholine neurotransmission in the brain
- Indian Council of Medical Research (ICMR) - [Short-Term Studentship](#) (STS) 2022
  - The Impact of Pre-existing Eye Donation Awareness on Donation Rate after Grief Counseling - A Cross-Sectional Study
- Association for Medical Education in Europe (AMEE) - [Student Initiative Grant \(SIG\) 2020-2021](#)
  - Fundamental of Research Learning and Educational Reform (FORLER) - Effectivity of Hands-on Near-Peer Teaching in Scientific Writing for Indian Medical Students.
  - Assessment of the Efficacy of Module-based Small Group Discussion & Virtual Patient Simulation on Knowledge & clinical Skill of Indian Medical Students
- Indian Society of Medical Mycologists (ISMM) - Young Researcher Grant for ISHAM 2022
  - Post-COVID Pulmonary Fungal Infections: Clinico-microbiological profile of cases encountered during the second wave of the COVID-19 pandemic at a teaching hospital in the Himalayas.
- International Society for Animal and Human Mycology (ISHAM) - [Carlyn Halde Fund](#) 2022
- InciSioN International Global Surgery Research Proposal Program 2021
  - Factors influencing professional dissatisfaction among SOA providers: a multinational study

## ACADEMIC PRESENTATIONS AND ABSTRACT PUBLICATIONS

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### Oral Presentations

- **Puri O**, Gupta N, Mittal S, et al. The impact of Pre-existing Eye Donation Awareness on Donation Rate after Grief Counseling - A Cross-Sectional Study. *Indian Society of Organ Transplantation (ISOT) 2023, Kolkata, India*
- Bhasi A, **Puri O**, Pathania M, et al. Waist Circumference as a potential indicator of cardiac autonomic profile in Metabolic Syndrome - A cross-sectional study. *Asclepius 2023 - International Undergraduate Conference, Mysore, India*
  - *Runner-up, Best Paper*
- **Bhullar KK, Puri O**, Singh S, et al. Telehealth Interventions for improving Anti-Retroviral Therapy retention of HIV Infected Mothers and Preventing Mother-to-Child Transmission: A Systematic Review.
  - *Asian Medical Students' Conference (AMSC) 2022, Seoul, South Korea*
    - *Abstract published in Journal of Asian Medical Students' Association (JAMSA)*. doi:[10.52629/jamsa.vi](https://doi.org/10.52629/jamsa.vi)
    - *Second Runner-up, Best Paper*
  - *Mongolian National University of Medical Sciences Intelligent Student International Symposium 2023 (Virtual)*
- **Puri O**, Udayakumar SR, Bhatia M, et al. Microbiological profile of oxygen humidifiers at a tertiary care center in the Himalayas: An exploratory study. *INSIGHT 2022 - Undergraduate conference of Scientific Society of All India Institute of Medical Sciences (AIIMS), Delhi, India*
- **Puri O, Kumar P**. Repetitive Transcranial Magnetic Stimulation (rTMS) for Cognitive Enhancement in Traumatic Brain Injury (TBI) Patients: A Systematic Review and Meta-Analysis. *Asian Medical Students' Conference 2021, London, United Kingdoms (Virtual)*
  - [Abstract](#) published in *Journal of Asian Medical Students' Association (JAMSA)*
  - *Finalist, Best Paper*
- **Puri O**, Mohan L, Dubey M, et al. Assessment of Electrophysiological & Perceptive changes on exposure to Implosive & Graduated Audio-Visuals in Fears. *International Medical Students' Research Conference 2020 - American College of Surgeons (India) and Gurukkul of Surgical Disciplines. (Virtual)*
  - *Best Paper*
- **Puri O**, Singh A, Swami K, et al. Healthcare Information Seeking Behavior Among Unaffected Indians during COVID-19 and its Impact on Mental Health: A Cross-Sectional Study.
  - *AMSACON 2022 - Annual Conference of the Asian Medical Students' Association (AMSA) India 2020 (Virtual)*
    - *Best Paper and nominated to represent India at the East Asian Medical Students' Conference (EAMSC) 2021*
  - *Royal Society of Tropical Medicine and Hygiene (RSTMH) Annual Meeting 2020 (Virtual)*

## Poster Presentations

- **Puri O**, Bhatia M, Udayshankar SR, et al. P262 Clinico- microbiological profile of post-COVID pulmonary fungal infections encountered during the second wave of COVID-19 pandemic at a tertiary care teaching hospital in the Himalayas. *International Society for Human and Animal Mycology (ISHAM) 2022, Delhi, India*
  - Abstract published in *Medical Mycology*. doi:[10.1093/mmy/myac072.P262](https://doi.org/10.1093/mmy/myac072.P262)
- **Singh A, Puri O**, Kumar P, et al. Preparedness of Diabetic Patients for Receiving Telemedical Healthcare: A Cross-Sectional Study. *Asian Medical Students' Conference (AMSC) 2022, Seoul, South Korea*
  - Abstract published in *Journal of Asian Medical Students' Association (JAMSA)*. doi:[10.52629/jamsa.vi](https://doi.org/10.52629/jamsa.vi)
  - Runner-up, Best Poster
- Arora K, Saxena V, **Puri O**. Neck Circumference: An emerging indicator of Obesity and Metabolic Dysfunction. *AMSACON 2022 - Annual Conference of the Asian Medical Students' Association (AMSA) India, Amritsar, India*
  - Runner-up, Best Poster
- **Puri O**, Kumar P. Opicapone adjunct to Levodopa for a reduction in off time in Parkinson's Disease: A Systematic Review and Meta-Analysis. *National Biomedical Research Conference (NBRCom) 2021. (Virtual)*
- **Kumar P, Puri O**. Post-Traumatic Major Depression among Repetitive Magnetic Stimulation (rTMS) and Sham Controlled Traumatic Brain Injury Patients: A Systematic Review and Meta-Analysis. *Asian Medical Students' Conference (AMSC) 2021, London, United Kingdoms (Virtual)*
  - Abstract published in *Journal of Asian Medical Students' Association (JAMSA)*
  - Runner-up, Best Poster
- Ahemadian S, **Aminmansoor F**, Puri O, Raifie M. Relation between resting-state functional connectivity and performance during the N-back face recognition working-memory task: a study using HCP fMRI dataset. *Neuromatch Academy 2020*

## White Paper

- **Kumar P, Puri O**. Region Specific Prophylactic Antibiotic Regimen: Reducing Post Traumatic Septic Mortality. *Asian Medical Students' Conference (AMSC) 2021, London, United Kingdoms (Virtual)*
  - Abstract published in *Journal of Asian Medical Students' Association (JAMSA)*
  - Finalist, White Paper and Video Competition

## Proposal Presentation

- Anshika, Adchaya, Kundu M, Lalwani D, Yadav S, **Puri O (Mentor)**. Relation between mobile applications and state emotions among Indian medical students: An observational longitudinal collaborative study. *Confluence 2021 by Seth GS Medical College and Hospital, Mumbai, India (Virtual)*
  - under the ASPIRE National Level Research Mentorship Program 2021
  - Received an offer for collaboration and funding from the Bombay Psychiatric Society.

## Research Teaching Experience (Workshops/Seminars/Panels) -

- Mastering Research Protocols, *Rotaract Club of Medcrew (Virtual)*
- Writing a Letter to the Editor, *Medico's Education and Research Society of AMSA-India (MERSA) Methodologies (Virtual)*
- Writing a Research Proposal, *Researchers of AIIMS, Rishikesh (ROAR) Research Club, AIIMS, Rishikesh, India*
- MERSA Mini Methodologies, *Asclepius 2023 JSS Medical College, Mysore, India*
- Bio-design 101, *AIIMS, Rishikesh, India*
- Youth Representative in Panel Discussion on Current Scenario of Digital and Integrative Healthcare in Uttarakhand and Beyond, *G20 Youth Conclave on Digital and Integrative Healthcare 2023, Srinagar, Uttarakhand, India*
- The Basics of Research, *Father Muller Medical College, Mangalore, India (Virtual)*
- MERSA Mini Methodologies, *AMSACON 2022 Government Medical College and Hospital, Amritsar, India*
- Large-Scale Research - National & International Collaborative Research Revolutionizing the practice of Medicine, *Asian Medical Students' Association (AMSA) International JAMSA Masterclass 2022 (Virtual)*
- UG Research in Resource-Limited Settings: Idea to Publication, *Medicine & Research Congress 2022, Kyrgyzstan*

- Medical Research for Undergraduates, *MBBS Orientation Program 2022, AIIMS, Rishikesh, India*
- Panel Discussion on The Current Trends of Medical Research in India and Undergraduate Perspective, *Med-Invade Conference 2021 (Virtual)*
- Inter-Chapter Journal Club Meeting 2021, *AMSA Singapore, Scotland, Indonesia, and Macau (Virtual)*
- From manuscript to Publication, *Quaestio Research Training - RUCE Clinicas Essen 2022 (Virtual)*
- Letter to the Editor and Short Communications, *Scientific Writing Workshop 2021 A.S.P.I.R.E. Research Club of Seth G S Medical College and KEM Hospital (Virtual)*
- Research Ideation: Basics and Beyond, *AMSA International Journal Club Meeting 2021*
- Journal Selection and Publication, *Malaysia National Research Methodology Workshop 2021 (Virtual)*
- Publication Hacks from the Editor's Desk, *JAMSA Research Workshop 2021 (Virtual)*
- National Research Administration, *AMSA International JAMSA Masterclass 2021 (Virtual)*

#### Academic Seminars

- *Pathology* - Gallbladder Disorders, Esophageal Varices, Peritonitis, Germ Cell Tumors, Diagnosis of Genetic Diseases
- *Pharmacology* - Sedative Hypnotics, Dopaminergic Agonists, Pharmacological Estrogens, Antimalarial Drugs
- *Microbiology* - Diagnosis of Fungal Diseases
- *Community and Family Medicine* - Disease Prevention and Control
- *Otorhinolaryngology* - Classification of Carcinoma Maxilla
- *Internal Medicine* - Treatment of Hemophilias, Antimicrobial Stewardship Programmes, Aortic Stenosis

#### AWARDS AND HONORS

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- (*Selected for*) MBBS Research Honours at the National Plenary Health Research Summit, September 2024
- Winner of Medical Shark Tank, Asclepius 2023 - International Undergraduate Conference 2023, October 2023.
- Health & Well-being Changemaker, [Top 50 Finalist, Chegg.org Global Student Prize 2022](#).
- [Excellence Award](#), Asian Medical Students' Association (AMSA) International, July 2022.
- Delegate to the 72nd World Health Organization (WHO) Regional Committee of Western Pacific (WPRO).
- Delegate to 2nd World Health Organization (WHO) Partners' Forum for the Western Pacific Region.
- Best Undergrad/Graduate Hack at Simply Neurosciences, Synaptic Hacks - Neuroscience Hackathon, July 2021.
- Hall of Fame, Rotary International District 3141, Best Retractor in Research and Innovation, November 2020.
- Nominated for membership of the American College of Surgeons by Governor, ACS India, May 2020.
- Crowned Mr. Pyrexia by Miss India Universe 2018 Nehal Chudasama, May 2019

#### SKILLS

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##### Professional -

- Clinical - History-taking, general and systemic physical examination, diagnostics (electrophysiological, biochemical, pathological, and radiological imaging), medical procedures (drug administration, pleural tap, ascitic tap, lumbar puncture, central venous catheterization, and endotracheal intubation)
- Laboratory Research - Autonomic function tests (Heart Rate Variability (HRV), Blood Pressure wave signal, Galvanic Skin Respons (GSR)/Skin Conductance Level (SCL)), animal behavior experiments, molecular techniques (Protein and RNA extraction, Agarose gel electrophoresis, Western Blot, RT-PCR), coding (Python), computational modeling, animal surgeries and in-vivo imaging, cell culture techniques (2D transfection, passaging)
- Clinical Research - Clinical research methodology, clinical research ethics, grant writing, questionnaire designing and validation, biochemical investigations, scientific writing
- Data analysis - in IBM-SPSS, Python, and R

**Languages** - English (Professional fluency), Hindi (Native)

**Hobbies and Interests** - Theatre, Public Speaking, Yoga and Meditation, *Sitar*

## POSITIONS OF RESPONSIBILITY - RESEARCH

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### **Mission:Brain Research Peer Mentorship Program 2024** | *Mentor*

*since March 2024*

- Leading the functional neurosurgery research group under the Mission:Brain Research Peer Mentorship Program.
- Conducting weekly/biweekly tutorials and doubt clearance sessions regarding Systematic Review and Meta-Analysis methodology.
- Reviewing literature search, PRISMA workup, and risk of bias assessment done by mentees
- Biweekly meetings for mentor-mentee feedback, project progress, and planning.
- Reporting progress to Mission:Brain Research Peer Mentorship Administration and the Faculty Advisor.

### **Education for Health (EfH)** | *Student Reviewer*

*since August 2023*

### **Journal of Asian Medical Student's Association (JAMSA)** | *Chief Editor, Remote*

*August 2020 – September 2022*

- Led the journal to be enlisted in ICMJE, indexed in CrossRef, ROAD (Directory of Open Access Scholarly Resources), Gale Cengage, BASE (Bielefeld Academic Search Engine), and Genamics Journal Seek.
- Achieved CrossRef Membership for the journal, hence initiated DOI allocation to articles published by JAMSA
- Published first print edition and a total of 8 issues across 2 volumes.
- Achieved a 400% increase in submissions with an acceptance rate of 41%
- Initiated the AMSA International Medical Education Research Grant
- Conducted regular international and national research education initiatives namely journal clubs, hands-on workshops, competitions, and webinars.
- Established National Research Units in 10+ chapters of AMSA Intl through AMSA Intl Research Revolution

### **Annals and Bulletin Journals of the Royal College of Surgeons of England** | *Reviewer*

*since July 2021*

### **International Consortium of Clinician-Scientist Trainee Organizations (ICCSTO)**

*Rotating Chair*

*February – May 2021*

- Presided over bimonthly meetings regarding decisions about the establishment and research of the consortium

*Research Team Lead for Asia*

*August 2020 – September 2022*

- Led the research team of Asia studying Integrated Medical Education Programme & their Culturo-Economic Global Determinants
- Studied medical education programs in Cyprus, Iraq, Oman, and Tajikistan
- Biannual reporting and presentation of data collected by the research team for Asia

### **Rotaract Club of MediceW** | *Chair, Society of Research, Remote*

*July – November 2021*

- Established the society of research and -
  - Initiated the INQUIRE - Scientific INQUIry and Research made Easy: 2-day hands-on ideation workshop
  - Launched Discover - Unveiling Research: A research magazine of the club
  - Organised #RCMResearchTalks

## POSITIONS OF RESPONSIBILITY

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### **Asian Medical Students' Association (AMSA) International**

*Advisor*

*Septmeber 2022 – August 2023*

- Appointed as an advisor in the capacity of a recipient of the AMSA International Excellence Award 2022

*Representative of Asia in ScholarRx Medical Students' Alliance for Global Education (MeSAGE)*

*December 2020 – August 2022*

- Mediated the partnership with ScholarRx
- Represented interests of AMSA International in MeSAGE meetings and initiatives.
- Established the AMSA international RxBoard for writing and publishing health bricks with ScholarRx

## All India Institute of Medical Sciences

*Head of Conference, ARCUS 2024 - Annual Research Congress for Undergraduate Students*

*March - August 2024*

- Initiated the undergraduate research conference at AIIMS, Rishikesh
- Formed and led the conference organizing committee to plan scientific and academic events, workshops, community service initiatives, and sociocultural events.
- Served as the liaison to the institutional administration and faculty advisors for the conference.
- Served as the liaison to International Sponsors and Conference Grant Funding Associations/Organisations
- Served as the primary signatory for conference accounts
- Served as the Head of the Internal and External Grievance Committee for conflict resolution

*Editor-in-Chief, CLIMaTE - Climate Leaders In Making Transforming the Environment*

*April-June 2024*

- Led the Editorial Board for CLIMaTE *Volume-1, Issue-1*
- Served as the Student Co-ordinator of the first Climate Change Workshop of the institute
- Coordinated with field experts and the climate change initiative faculty board to streamline the content of the inaugural edition of the newsletter.
- Supervised content editing and layout designing of the first edition of the newsletter

*Student Coordinator, Y20 International Holistic Health Conclave 2023*

*May 2023*

- Led the student's organizing committee of Y20 IHHC 2023
- Served as the anchor, and rapporteur for the conclave

*Editor, An Ode to Medicine: Newsletter of Department of Medicine.*

*June 2020 – February 2023*

- Section editor of the students and science communication section of the newsletter
- Managed submissions and wrote occasional articles for the newsletter

*President, Researchers of AIIMS, Rishikesh (ROAR) Research Club*

*October 2021 – September 2022*

- Established the research club of the institute under the Literary Society
- Organized -
  - ICMR-STs QnA Sessions
  - Literature Review: Basics and Beyond workshop
  - ShortCom writing competition
  - Initiated RCTs: Research, Catch-up, Tea - monthly meetings of the research club

*Editor, Panacea-A Universal Remedy: The annual Student's Magazine of the institute*

*January – December 2019*

- Content writer for the "Events" and "Achievements" sections of the magazine
- Editor for general submissions of poetry and prose.

[Asian Medical Students' Association India](#) | *Assistant Vice Chairperson Internal, Remote*

*April 2020 – March 2022*

- Recruited and co-supervised a team of 30 State Heads and 300 College Heads and their regional initiatives
- Established the research wing of the organization - *Medicos's Education and Research Society of AMSA India*
- Volunteered for COVID Conundrum: to generate awareness about the COVID-19 pandemic
- Organized national community service initiatives such as
  - Gratitude to the Saviours to acknowledge Healthcare Professionals amid the COVID-19 pandemic
  - Tuition for Charity: A tuition-based fundraiser to support the flood-affected areas in Assam.
- Orchestrated AMSA India's first national conference AMSACON 2020 with the Executive Board



## VOLUNTEERING

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### **Art of Living** | *Volunteer*, Rishikesh, Uttarakhand

*August 2019 - Present*

- Conduct free health check-ups and screening camps.
- Volunteer for cleanliness drives along the Ghat (shore) of the holy river Ganga
- Facilitated mental health awareness workshops, and spiritual well-being sessions
- Organized yoga and meditation programs especially for youth namely Happiness Programs, Youth Empowerment Seminars+, and Advanced Meditation Programs

### **All India Institute of Medical Sciences** | Rishikesh, Uttarakhand

*October 2018 - Present*

- Volunteered as the student coordinator for the Climate Change Initiative at AIIMS, Rishikesh - helped organize the first Climate Change awareness workshop at AIIMS, Rishikesh - “*Future Doctor and Current Climate Change Leaders*”
- Volunteered for the near-peer mentorship program of the institute
- Directed and acted in community awareness street plays on
  - Addiction among the youth (G20 Youth Run-up Event),
  - AIDS (World AIDS Day 2021),
  - Road Safety and Emergency Trauma Response, (World Trauma Day 2021),
  - Addiction (Pyrexia 2019),
  - Suicide Awareness and Prevention (World Mental Health Week 2018)

### **Rotaract Club of Medicrew** | *Volunteer*, Remote

*August 2020 – November 2021*

- Organized Dia-at-ease -A Diabetes Screening Drive.
- Volunteered for Project Sahara - (1) Hand Hygiene, (2) Asthma awareness drives, and Project Rhythm: A Heart health awareness drive.

### **Medical Students Association of India (MSAI)** | *Volunteer*, Rishikesh, Uttarakhand

*August 2019 – July 2021*

- Organized/volunteered for various awareness drives namely -
  - Any Body Can Donate for Blood Donation.
  - Be+ Project: Be you. Do you. For you: for Body image and body positivity.
  - Contraception Cafe: Choose the right one for you, to promote a cafeteria approach for Contraceptives
  - Silver strands for elderly rights and healthy aging.
  - Project Triple Benefit for adolescent health and rights.

## MISCELLANEOUS

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### **Academic -**

- Round-1 Global Rank-7, Round-2 Global Rank-22 at IFMSA SCOME International Diagnostic Challenge 2021.
- Winner, Medical Quiz, Academic Society of International Medical Students Lockdown Diaries, August 2020.
- Finalist, La Quete Paramedical Medical Quiz, July 2020.
- Second Runner-up, The MedFest National Quiz, Medical Students’ Association of India (MSAI), June 2020.
- Finalist, Harvard World Pre-Health Conference Global Health Competition, March 2021.
- Finalist, Elsevier Basic Science Olympiad 2019.

### **Public Speaking and Debating -**

- Anchor, International Holistic Health Conclave, G20 Youth Consultation on Health, Well-being, and Sports, Agenda for the Youth, AIIMS, Rishikesh, Uttarakhand, May 2023.
- Best Speaker in Ted Talk on Digital Healthcare: Bridging the gap at G20 Youth Conclave on Integrative and Digital Health 2023, VCSGGIMS&R, Srinagar, Uttarakhand, April 2023.
- Second Runner-Up in Debate on Modern Medicine v/s Alternate Medicine and Yoga at G20 Youth Conclave on Integrative and Digital Health 2023, VCSGGIMS&R, Srinagar, Uttarakhand, April 2023.

- Best Speaker, Locked Heeads Debate on DNR: Should it be Legalized in India? September 2022.
- Chaired Medicrew Model United Nations (MUN): Committee of the Status of Women, May 2021.
- Chaired Colloquium Magna International MUN: WHO Committee Session, October 2020.
- Best Speaker, Battle of Minds: Debating Drug Addiction, September 2020.
- Runners-Up, Debate on Life has No Limitations Except the Ones You Make, June 2020.
- Second Runners-Up, Debate on Practise of Medicine Should Change Radically Post-COVID, May 2020.
- Best Delegate, International MUN 7 Continuous Crisis Committee on COVID-19: Global Emergency, May 2020.
- Best Speaker; Debate on Addiction: Habit or Disease, Mental Health Week, October 2018.

#### Theatre -

- Best Play, One-Act Play Competition, Pyrexia 2019
- Best Play, Mental Health Week 2018
- Runners-Up, Best Play and Runners-Up, Best Director, One-Act Play Fest 2017
- Best Actor and Best Director, One-Act Play Fest 2016
- Runners-Up, Best Play and Second Runners-Up, Best Actor, One-Act Play Fest 2015
- Runners-Up, Best Play and 4th Best Actor, One-Act Play Fest 2014
- Second Runners-Up, Best Play and Runners-Up, Best Actor, Srijan Hindi Play Competition, 2014
- 4th Best Supporting Actor, One-Act Play Fest 2013

#### REFERENCES

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- **Lt. Col. Prof. (Dr.) Latika Mohan,**  
*Professor, and Head, Department of Physiology, Ex-Dean, All India Institute of Medical Sciences, Rishikesh, India*  
Contact Details - +919760058268 | [latikamohan@gmail.com](mailto:latikamohan@gmail.com)
- **Dr. Monika Pathania,**  
*Professor (Additional), Department of Medicine, All India Institute of Medical Sciences, Rishikesh, India*  
Contact Details - +918126021556 | [anshupathania27@gmail.com](mailto:anshupathania27@gmail.com)
- **Dr. Mohit Bhatia,**  
*Professor (Assistant), Department of Microbiology, Vardhman Mahavir Medical College and Safdarjung Hospital, Delhi, India*  
Contact Details - +918750549280 | [docmb1984@gmail.com](mailto:docmb1984@gmail.com)