

DR. KARTHIK SHYAM

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PERSONAL DETAILS

Date of Birth : 1st December 1990
Nationality : Indian
Languages Known : English, Tamil, Hindi, Kannada

EDUCATIONAL QUALIFICATIONS:

Advanced Medical Qualification (s):

Specialty: Doctor of Medicine (M.D.) in **Radio-Diagnosis** from **St. John's Medical College, Bangalore**, Batch of 2016-2019.

Basic Medical Qualification:

Bachelor of Medicine and Bachelor of Surgery (M.B.B.S.) completed at **St. John's Medical College, Bangalore**, India, with a consistently excellent academic record throughout the course of medical undergraduate study.

Higher Secondary Education:

National Public School, Rajajinagar, Bangalore.

Year of Graduation: March, 2008

Distinctions: "A" grade in English, Mathematics, Physics, Chemistry and Biology.

Lower Secondary Education:

Overseas Family School (OFS), Paterson Road, Singapore.

Primary Education:

Padma Sheshadri Bala Bhavan Senior Secondary School, K. K. Nagar, Chennai.

WORK HISTORY/EXPERIENCE:

1. Worked as Resident Medical Officer at **Anitha Health Center** (renamed St. Ann's Hospital), Jettihundi, Mysore, Karnataka, India, from April 2014 to April 2016. Anitha Health Center is a **rural health center** catering to medically underprivileged individuals. Experience and skills developed include management of emergency and out-patient medical conditions, as well as management of hospital staff and activities.
 2. Completed year-long internship clinical rotations in departments of multiple medical specialties at **St. John's Medical College Hospital, Bangalore** from March 2013 to March 2014.
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ACHIEVEMENTS AND RECOGNITIONS

- Qualified with **Distinction** in the final examinations of First (75.7 %) and Third Year (76.78%), M.B.B.S.
- Qualified with **First Class** in the Second Year (74.93 %) examinations in M.B.B.S.
- Awarded the **Certificate of Honor** (having scored above 75 percent in the final University Examinations) by the Departments of Anatomy, Biochemistry, Pathology, Pharmacology, Ophthalmology and Community Medicine.
- Awarded the **Certificate of Merit** (having scored between 70 and 75 percent in the final University Examinations) by the Departments of Physiology, Microbiology, Forensic Medicine and Otorhinolaryngology.
- Awarded the **First Place** at the **State Level Physiology Quiz** (Uttunga) organized by the Department of Physiology, Kempegowda Institute of Medical Sciences, Bangalore, in the year 2009.
- Participated in the **Basic Clinical Skills Workshop**, August 2009, at St. John's Medical College, Bangalore.
- Participated and qualified through the preliminary round in the **7th Inter-Medical School Physiology Quiz (IMSPQ)**, October 2009, organized by the Department of Physiology, **University of Malaya, Kuala Lumpur, Malaysia**.
- Was involved in the **Rural Orientation Program** and the **Community Health Action Program**, organized by the Department of Community Health; which involved interaction with families and members of rural communities to ascertain the dynamics of rural life and the impact of the same upon healthcare and healthcare delivery.
- Was involved in the local initiative of the nationwide **Pulse Polio Programme (National Immunization Day)**, which involved administration of the Polio vaccine to children of the jurisdiction under

the age of five, as well as observe the attitude of the individuals of the community towards accepting and utilizing healthcare provided.

- Awarded the **Dr. F. H. Noronha Award for the Best Undergraduate Medical Student** for the year 2011.
- Participated in the **Problem Based Learning Program** at St. John's Medical College, in the years 2010 and 2011.
- Project on proving theory of Hormesis in plants adjudged the **Best Project at the Science Fair** at Overseas Family School in the year 2003.
- Awarded the **National Talent Science Search Examination Scholarship** in the year 2006.
- Awarded the **Certificate of Merit** for being placed in the **top 1%** of the state (of Karnataka) in the **National Standard Examination in Biology**, conducted by the Indian Association of Teachers in Biological Sciences, in 2007.
- Winner of the **National Spelling Bee**, and adjudged the **Best Performer** at the same national level competition, organized by MaRRS (Market Reach and Research Services) in the year 2007. Also, adjudged winner of the school, city, district and state levels of the same competition.
- Shortlisted for and attended the preliminary interview for the **Rhodes Scholarship** 2013-2014 in Bangalore.

EXTRA-CURRICULAR INVOLVEMENT:

- Participation in various **collegiate** and **inter-collegiate** cultural and academic competitions, with numerous wins to name.
- Played an instrumental role in the **organization** and **management** of various events within the college, such as the annual college fest, Autumn Muse (in the years 2010 and 2011), and the annual Christmas celebration, Jingle Rock (in the year 2009).
- An indispensable member of the A Capella music group Heaven's Inglorious Voices, which has an impressive winning streak across cultural competitions, within the college, as well as at the city and state levels. Has also won accolades as a solo singer.
- Has two articles published to name in the local daily, Bangalore Mirror (*'Playing the Spa-ilsport'*, Bangalore Mirror, Monday, June 18, 2012; *'If you're happy and you know it, just don't clap!'*, Bangalore Mirror, Monday, July 16, 2012)
- Was a regular contributor to AOL (America On-Line) India's online blog, CoolAge, during its active phase.
- Has won numerous collegiate and inter-collegiate writing competitions, with a passion for writing humor.

- Has participated in various other cultural events at innumerable competitions; with a flair for drawing and painting, poetry-writing, essay and short-story writing, drama and theatre, photography and quizzing.
 - Currently in the process of penning a novel, with working title being *Prion*.
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RESEARCH/PUBLICATIONS:

- Shyam K, Cicilet S, Philip B. **Among the fibers: A multimodality imaging review of intramuscular mass lesions.** Indian J Radiol Imaging 2018;28:214-24.
 - Presented above paper at the Annual State Conference organized by the Indian Radiological and Imaging Association (IRIA), Karnataka branch, 2017.
- Karthik Shyam, Abhinandan Ruge, Babu Philip, **Endovenous Laser Ablation of Varicose Veins: Evolution, Technique, Recent Advances and Future.** Paripex Indian Journal of Research: Volume-7, Issue-7, July-2018.
- Karthik Shyam, Arun George. **Sonoelastographic Assessment Of Hepatic And Splenic Stiffness In Chronically Transfused Individuals As An Indicator Of Fibrosis.** Department of Radiodiagnosis and Imaging, St. John's Medical College and Hospital, Bangalore, 2019.
 - Presented the above paper at the Asian-Oceanic Conference of Radiology, organized by the Indian Radiological and Imaging Association (IRIA) and Asian-Oceanic Society of Radiology (AOSR), Mumbai, January 2018.
- Neelakantan S, Anandarajan R, Shyam K, et al. **Multimodality imaging in Bertolotti's syndrome: An important cause of low back pain in young adults.** BMJ Case Rep Published online: doi:10.1136/bcr-2016-217121.
- M.J.S. Fredrick M., Karthik S., Rajkumar A., Davy J. O. **Irreducible dorsal dislocation of interphalangeal joint of hallux.** J Kar Orth Assoc, 2014 (Feb), 83-85.
- M.J.S. Fredrick M., Karthik S. **Current trend in microbiological growth and antibiotic sensitivity pattern in open fractures, 2012.**
- Was admitted to the first batch of the trainees under the **Undergraduate Research Mentorship Program, 2009-2010**, conducted by St. John's Medical College in collaboration with the Division of Clinical Trials, St. John's Research Institute; on grant from the National Institute of Health (NIH) and UnitedHealth, USA.

- Has completed one research project as Principal Investigator, titled **“Surgery, in a Quagmire of Animalcules- Analysis of Airborne Bacterial Population in Five Randomly Selected Operating Theatres at a Tertiary Healthcare Center.”**
 - Presented said paper at the South Indian Medical Students’ Conference (SIMSCON) in the year 2011, organized by the Sri Manakula Vinayagar Medical College and Hospital, Pondicherry.
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