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**CURRICULUM VITAE**  
**RAGHVENDRA VIKRAM TEY, MBBS, MD**

**POSITION INFORMATION**

Associate Professor  
Department Of Pathophysiology,  
5<sup>th</sup> floor, SD6, True Blue Campus,  
School of Medicine,  
St. Georges University,  
St. Georges, Grenada, Caribbean (West Indies)

## EDUCATION

1. Musculoskeletal Ultrasound Online Bachelors course by SonoSkills (Netherlands), 2018 September- 2019 September.
2. Online Course on Bioprinting 3D Printing Body Parts; University of Wollongong, Australia; April - March 2018.
3. **Fellowship** in Stem Cell Therapy (**FSCT**); American Academy Of Anti-Aging and Regenerative Medicine (USA) 2017 - 2018.
4. Passed Step 1, Step 2 CK & Step 2 CS, December 2014
5. MD (**Residency**) in Biochemistry/Clinical Biochemistry/Chemical Pathology from K.M.C Mangalore, Manipal University, India, June 2008- June 2011.
6. MBBS: MBBS (**MD equivalent, as per US education system**) from Yenepoya Medical College, Mangalore, Affiliated with Rajiv Gandhi University of Health Sciences, Bengaluru, India. October 2000- April 2006.

## REGISTRATION DETAILS

1. General Practice/Family Medicine, Grenada Medical & Dental Council Reg # 1091
2. MD: Registered with Karnataka Medical Council, Bengaluru with Reg. no.73535.
3. MBBS: Registered with Karnataka Medical Council, Bengaluru with Reg. no.73535.

## ADDITIONAL CONTINUING EDUCATION

1. Hands-on workshop in Regenerative Medicine by Bio-Trac, MD, the USA on Exosomes(4 days), March 2020.
2. Hands-on workshop in Regenerative Medicine by Bio-Trac, MD, the USA on Generating Neuronal cells from iPSC's (Induced pluripotent stem cells) (4 Days), Jan 2020.

3. Trained in the Mentorship program by International Society for Cell& Gene Therapy (ISCT) 2018-2019.
4. Training in Flowcytometry at BD (Becton, Dickinson, and Company) Academy, New Delhi, July 2018.
5. Certified in Lab Quality Management & Internal Audit as per *ISO—15189:2007*. Program Conducted by Centre for Electronics Test Engineering, Bengaluru 2009.
6. Trained in NABL(National Accreditation Board For Testing and Calibration Laboratories, accreditation done by Department of Science & Technology, Government of India) accredited Clinical Biochemistry & Hematology laboratory at the central laboratory of K.M.C Mangalore, Manipal University, 2009.

#### **POSITIONS HELD**

1. Associate Professor, Department of Pathophysiology, School of Medicine, St. Georges University, Grenada since February 2017.
2. Deputy Chair, Department of Pathophysiology, School of Medicine, St. Georges University since July 2017 - August 2021.
3. Deputy content manager Pathophysiology course, School of Medicine, St. Georges University since Feb 2017.
4. Module Coordinator, Term 5, Pathophysiology Course Since 2019.
5. Course Director, Basic science foundation and clinical reasoning course, Department of Pathophysiology, Saint Georges University starting July 2018 - June 2021.
6. Assistant Professor, Biochemistry, Saba University School of Medicine since September 2013 - Feb 2017.
7. Clinical Skills examiner for all semesters since September 2013 - Dec 2014.
8. Lecturer in Chemical Pathology for St. Augustine, University of the West Indies, Trinidad & Tobago, since Aug 2011.
9. Resident and Tutor, Department of Biochemistry/ Clinical Biochemistry, K.M.C Mangalore, Manipal University; 2008-2011.

## TEACHING

1. At Saint Georges University, Grenada (US-based curriculum)
  - My primary responsibility is teaching Pathophysiology (since February 2017) to 5th-semester medical students in a system-based spiral curriculum, reviewing organ system-related aspects of basic sciences such as Molecular biology, Clinical Biochemistry, Pathology, and treatment aspects, integrating Basic Sciences and Clinical Medicine. I have taught lectures on topics such as Renal system, Hematology, GIT, Immunology, Female Genital System, Hepatobiliary system, and Multisystem disorders. I also conduct Clinical Vignette-based classes, (in the topics mentioned earlier) helping students develop a better understanding of the organ system and improve their multiple-choice question-solving skills. I conduct Themed office hours (on lecture topics mentioned earlier), discussing aspects that could not be covered during the lecture.
  - Worked as course director for a Clinical case-based small groups course, reviewing high yield Basic Science topics for Step 1 (2017-2021).
  - Designed a new Clinical case-based small groups course (2021) promoting Physician like thinking in 5th-semester students, to prepare them well for step 2 CK.
  - Taught Pathophysiology to Nursing students. (2017-2018)
  - Involved in training of tutors (Fresh MD graduates) in delivery of the small group sessions both as a leader and a facilitator.
  - Guiding junior faculty (Instructors and assistant professors) in carrying out various teaching responsibilities.
  
2. At Saba school of Medicine, Dutch Caribbean (US-based curriculum)
  - Taught Biochemistry & Molecular Biology (2013- 2017), Pathology (2016-2017) and participated as an examiner for Clinical skills (2016-2017) across various semesters.
  - Started an integrative course for a review of Basic Sciences topics in order to facilitate a better understanding of Clinical Medicine (2016-2017).
  - Providing research guidance to students in RLRA (2013-2017).

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- Designed Clinical correlation course for 2<sup>nd</sup>-semester students (2013 – Jan 2017).
- 3. At the University of the West Indies, Trinidad & Tobago campus. (Curriculum affiliated to University of London)
  - My primary role was teaching students (1<sup>st</sup> year and 3<sup>rd</sup> Year) in the discipline of Medicine, Dentistry, MSc & veterinary medicine in Clinical Biochemistry/Chemical Pathology & Medicine. This involved lectures, PBL( Problem based learning/Small group teaching).
  - Started patient-based, bedside clinical case discussions in Applied Biochemistry/Chemical Pathology to facilitate application-based learning.
  - Involved in conducting exams with NBME type questions.
- 4. During the residency,
  - Tutor in the Department of Biochemistry/Clinical Biochemistry (2008-2011). My Teaching responsibilities included training and supervising (1<sup>st</sup>- year medical students) in laboratory experiments.
  - Involved in bedside patient-based teaching for 4<sup>th</sup>-year medical students.

## SERVICES

1. Faculty Student Selection Committee Member since November 2019.
2. Standing Member for School of Medicine, Judiciary Panel since Oct 2017.
3. Deputy Content manager, Pathophysiology course
4. Basic science foundation and clinical reasoning course content manager and reviewer Feb 2017 – August 2021
5. Member of Focus Group reporting to basic sciences curriculum committee Fall 2017 & Spring 2018.
6. School of Medicine, Basic science faculty Promotion committee for Spring and fall 2017
7. Member of Course review committee for 1<sup>st</sup> year MD course in fall 2017

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## ON CAMPUS TRAINING

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1. Facilitate learning with Podcast; March 28<sup>th</sup>, 2017
2. Turning Point 7 training; Aug 2017
3. Online new Turning point training.
4. Training in Sakai usage.

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## MEMBERSHIPS

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1. West Indian Immunology Society since 2021
2. California Institute of Regenerative Medicine (Via LinkedIn)
3. International Society For Cell & Gene Therapy (Dec 2019- Dec 2020)
4. American Society for Clinical Pathology (via LinkedIn)
5. American Association for Clinical Chemistry (via LinkedIn)
6. CPMBCB: Chemical Pathology (via LinkedIn)
7. Laboratory Management Professionals- Hospital & Independent Laboratories (via LinkedIn)
8. Molecular Diagnostic Professional Network (via LinkedIn)
9. The Teaching Professor (via LinkedIn)

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## PRESENTATIONS & CONFERENCES

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1. **Key Note speaker** on Advanced Therapies in Cancer, Texila American University, Guyana, Nov 2019.
2. **Key Note speaker** on Integration of Regenerative Medicine in Medical curriculum; **Session chair** at World congress on Infectious diseases and Stem Cell Biology, **Tokyo** Sept. 3-4, 2018.
3. Academic cGMP Symposium: Cellular therapeutics & Translational Medicine, Li Ka Shing Centre for learning & Knowledge, **Stanford University**, CA, March 19, 2018
4. ICSMB Jan 2016, **IIT Kharagpur**, India

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5. ACBIOCON Dec 2014, AIIMS, Jodhpur, India
6. AMBICON (Association of Medical Biochemists of India Conference) 2009 & 2010.
7. Molecular diagnostics hands-on workshop at Indo - American Cancer hospital and research institute, Hyderabad, India, 2009.
8. CMEs attended: From 2008 - 2011
  - a. Genomics & Proteomics
  - b. Research Methodology
  - c. Laboratory Automation
  - d. Anemia

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## RESEARCH & PUBLICATIONS

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### DISSERTATION

Serum Cortisol levels in smoking and non-smoking population of 1<sup>st</sup> and 3<sup>rd</sup>-year medical students. K.M.C, Mangalore, Manipal University 2011.

1. Sreekantha, Sheetal D, Satish T G, Priya Hilda D'souza, Rangaswamy, **Raghavendra Tey**, Manjunatha Goud Bk, Vivian D'souza, Prasannachandra M.Tonsilolith: A case report; International Journal of Pharma and Bio Sciences: Vol 2/ Issue 1/ Jan-March 2011.
2. Vivek R Joshi, Arup Kumar Banerjee, Ayaz Khurram Mallick, Ravindra Maradi, Gummadi Maheshwar Reddy, **Raghavendra Vikram Tey**. A correlation study between serum zinc and plasma total cholesterol, high density and low-density lipoprotein cholesterol in thyroid dysfunction: International Journal of Pharmaceutical Sciences Review and Research, 2011:7
3. Sreekantha, Satisha T G, Avinash S S, Manjunatha Goud B K, Remya, Sudhakar G K, Rangaswamy R, **Raghavendra Vikram Tey**. Magnesium and calcium levels in early surgical menopause: Jcdr, 2011 Feb, Vol-

5(1):55-57.

4. **Raghvendra Tey**, Pallavi H, Vivek Joshi. Impact of cigarette smoking on perceived stress and serum cortisol among medical students. Online journal, [www.ijhsr.org](http://www.ijhsr.org), Published in July 2014.
5. **Raghvendra Tey**, Poornima Manjrekar, Vivian D' Souza. Comparison of fasting plasma glucose among smoking and non-smoking medical student population. Online journal, [www.ijsr.net/v3i7\\_03.php](http://www.ijsr.net/v3i7_03.php), Published in July 2014.

### \_\_\_\_\_ **HONORS** \_\_\_\_\_

1. **Humanitarian work:** Organized safe evacuation (Given Because of the COVID situation) of 20 Indian Citizens & Medical Students from Grenada to India in July 2020: **Acknowledged** by the Honorary High Commission Of India, Port of Spain, Trinidad & Tobago.

### \_\_\_\_\_ **EXTRACURRICULAR ACTIVITIES** \_\_\_\_\_

1. Attending medical camps with Foreign Indian nationals of Trinidad & Tobago organization(FINTT) in Trinidad & Tobago 2012-2013.
2. Anchored cultural events/programs during Residency for staff and students 2008-2010.
3. Class representative throughout the MBBS program.
4. Cricket, Volleyball and Table tennis Competitions.



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## PROFESSIONAL CLINICAL EXPERIENCE

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1. Endocrinology, Department Of Medicine, University of West Indies, Trinidad & Tobago; April 2013- July 2013
2. Internal Medicine, Cardiology and Nephrology as a part of a clinical rotation during Residency training, 2008 - 2011.
3. Doctor-on-call at Apollo Hospital, Bannerghatta, Bengaluru; 2008 (Feb-May).
4. Casualty Medical Officer at K.G.S Hospital, Kaiga, Karwar; 2006 - 2007.
5. Resident house officer, Department of Surgery, Sanjay Gandhi Memorial Hospital, Delhi (DHS); 2006.
6. Chief Medical Officer at Moolchand Medicity, Delhi; 2006.
7. Internship at Yenepoya Hospital, Derelakatte, Mangalore from Rajiv Gandhi University Of Health Sciences, Bengaluru; 2005-2006.

## REFERENCES

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1. Dr. Ahmmed Ally, MD, PhD

Professor of Physiology & Pathophysiology  
Professor of Pathology,  
Department of Physiology and Pathology  
Arkansas College Of Osteopathic Medicine  
7000 Chad Colley Blvd.  
P.O Box 10366  
Fort Smith, AR 72916-6024  
Tel: +1479.308.2363  
Cell Phone: +1561.312.2566  
Email: [ahmmed.ally@arcomededu.org](mailto:ahmmed.ally@arcomededu.org)

2. Dr. Sushil Kumar, MD

Asst. Professor, Weill Cornell  
MedicineRadiology/Program of  
Gross Anatomy 1300 York  
Avenue  
Room A-516,  
Box 47New  
York, NY  
10065  
T +1212. 7465841 Email: [sushilbhu2001@yahoo.co.in](mailto:sushilbhu2001@yahoo.co.in)

3. Dr. Vivek Joshi, MD

Associate Professor  
IPF & Biochemistry  
Tower Health's Drexel University  
College Of Medicine, Wyomissing, PA 19610  
Mob: +1606.422.3938  
Email: [VJ93@drexel.edu](mailto:VJ93@drexel.edu)