

RAJA KUSHWAH, Ph. D.

College Station, TX

[Linkedin](#)

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PROFESSIONAL SUMMARY

A driven instructor with a fervent commitment to education, expert at fostering teaching and success with over 15 years of accumulated experience. Originating as a lecturer and outreach specialist, I have dedicated over 11 years to the pursuit of research excellence in entomology and now seek to channel this wealth of knowledge and experience to teach and train upcoming generations of entomologists. Eager to be part of a team that enables the full utilization of my teaching proficiencies and communication skills.

HIGHLIGHTS

- Recruited students as well as taught undergraduate's courses at KEN academy, Punjab, India.
- Instructed a graduate-level course in Medical and Veterinary Entomology at Texas A&M University.
- Developed curriculum, teaching material and assessment of various educational programs.

EDUCATION

Indira Gandhi National Open University - Maidangarhi, New Delhi | Ph.D.

Life Sciences, 2016

Barakatullah University - Bhopal, Madhya Pradesh, India | Master of Science

Biotechnology, 2005

Maharishi Dayanand University - Rohtak, Haryana, India | Bachelor of Science

Life Sciences, 2003

CERTIFICATIONS

- **CIRTL Associate – Fellow** of the Academy for Future Faculty. Texas A&M University – Fall 2023.
- **CIRTL Network MOOC-** Introduction to Evidence-Based Undergraduate STEM Teaching, Texas A&M University – Fall 2022.

(Center for the Integration of Research Teaching and Learning- CIRTL)

(www.cirtl.net)

EXPERIENCE -TEACHING

EXECUTIVE LECTURER | 06/2005 to 04/2008

KEN academy, Nawanshahr, Punjab

- Recrutied students in various courses offered by the KEN academy.
- Developed curriculum for different levels and courses offered at KEN academy.
- Taught undergraduate classes at GGDSD Postgraduate college, Palwal, Haryana, India.
- Mentored students comprehend their strengths and work over weaknesses successfully.

VISITING LECTURER | 09/2023 to 12/2023

Texas A&M University - College Station

- Successfully taught graduate course (Lab included) in Medical and Veterinary Entomology.
- Developed/modified lectures for the course and supervised the lab section single handedly.
- Mentored students to achieve their professional goals to get admitted to medical or veterinary schools.
- Inclusive classrooms teaching with students from diverse educational and ethnic backgrounds.

EXPERIENCE - RESEARCH

❖ **RESEARCH ASSOCIATE | 03/2024 to Current**

Texas A&M University - College Station

❖ **POSTDOCTORAL RESEARCH ASSOCIATE | 11/2021 to Current**

Texas A&M University - College Station

❖ **RESEARCH SCIENTIST | 05/2017 to 11/2021**

Tata Institute for Genetics and Society - Bangalore, India

❖ **VISITING RESEARCH SCHOLAR | 05/2017 to 05/2019**

University Of California, San Diego - San Diego, CA

❖ **SENIOR RESEARCH FELLOW | 05/2016 to 09/2016**

National Institute of Malaria Research - New Delhi, India

❖ **SENIOR RESEARCH FELLOW | 12/2015 to 04/2016**

International Centre for Genetic Engineering and Biotechnology - New Delhi, India

❖ **SENIOR RESEARCH FELLOW | 11/2011 to 11/2015**

National Institute of Malaria Research - New Delhi, India

DISTINCTIONS

- Host/Research Advocate, Empowering Science Foundation, weekly Podcast featuring esteemed scholars, facilitating collaborations and access to research resources for health-focused organizations and researchers. [\(10\) Stem for Society ESF - YouTube](#), 2022 - Current.
- Marquis Who's Who, Biographical Data Publications, Honored Listee, 2023.
- Bill and Melinda Gates Foundation Global Health Travel Award. 2019.
- Granted a travel award by conference organizers to facilitate the presentation of my research at JITMM2016. Bangkok, Thailand, 2016.
- Travel awards supported by Indian Council of Medical Research and Department of Science and Technology, New Delhi, India. Presented my research at ASTMH, New Orleans 2014 and ACV, University of Glasgow 2015.
- 3rd best poster award at “Animal genetics and genomics” conference, University of Hyderabad, India 2012.
- **Senior Research fellowship awarded by Indian Council of Medical Research, New Delhi to support my Ph. D research.**