

Rohit Baal Balasundaram, MPH

rohit.baal8@gmail.com (720-309-2817)

Education

Master of Public Health, Epidemiology University of Colorado, Anschutz Medical Campus: Aurora, CO	Dec 2019
Bachelor of Dental Surgery Sri Ramachandra Medical College and Research Institute, Tamil Nadu, India	Nov 2015
P.h.D. Public Health Sciences, Epidemiology University of North Texas Health Science Center	Anticipated (2024)

Professional Experience

Epidemiologist (Contract) Colorado Department of Public Health and Environment	June 2020 – Feb 2021
<ul style="list-style-type: none">• Coordinate surveillance with the local health departments, state subject matter experts, and other partners to ensure appropriate and timely follow-up of collection and transmission of case data and specimens.• Provide subject matter expertise in the form of epidemiological consultation and support to local health departments providers and long-term care facilities.• Manage data in REDCap for statewide outbreak database.• Implement disease control measures, including referring ill contacts to testing venues, issuing isolation orders and instructions to cases, and quarantine orders and instructions to contacts, following disease control protocols.• Monitor statewide surveillance and laboratory systems daily for outbreak cases and trends in disease activity.• Create EPI Curves, outbreak summary reports, and analyze outbreak data and respond to other data requests.• Maintain a close relationship with state labs to deploy strike-teams to high-priority settings for testing such as prisons.	
Epidemiologist 1 (Contract) Texas Department of State Health Services	May 2020 – June 2020
<ul style="list-style-type: none">• Assists Sr. Epidemiologists in NEDSS data clean-up activities weekly and makes recommendations for improving data quality and the reporting process.• Provide contacts with approved information about Texas' quarantine procedures, and if appropriate, refer them to testing according to protocol and/or to a COVID-19 social resource• Collect and record information on symptoms into a data management platform.• Manage COVID database using MS Access	
Research Assistant (Part-Time) University of Colorado, Anschutz Medical Campus	June 2019 – Dec 2019, March 2020 -June 2020
<ul style="list-style-type: none">• Conducting survey phone calls and accurately entering data utilizing a Computer-Assisted Telephone Interviewing (CATI) system and/or other survey data collection tools.• Assisting in processing materials and data for multi-mode surveys and verification processes.• Assistance with quality assurance and system testing.	

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- Assisting in beta-testing of newly programmed surveys.

Graduate Teaching Assistant (Part-Time)

Jan 2019 – May 2019

University of Colorado, Anschutz Medical Campus

- Assist students with research projects.
- Conduct SAS LAB's required for the course.
- Provide support to students in debugging SAS codes, manipulating and cleaning data, data analysis.
- Grade assignments, papers, and presentations and provide feedback.

Student Assistant (Part-Time)

Dec 2017 – Dec 2019

University of Colorado, Anschutz Medical Campus

- Data Entry, Data Management
- Proctor and schedule exams
- Create summary reports
- Assistive Technology Specialist

Professional Skills and Development

Certifications: SAS Certified Specialist: Base Programming Using SAS 9.4, Basic Life Support and First Aid, Collaborative Institutional Training Initiative (CITI)

FEMA ICS

Software: SAS, R, SPSS, SQL, REDcap, Tableau, Microsoft Office suite, Endnote

Research Experience

- **Capstone Project:** "Does the use of Marijuana negatively affect the success rate of smoking cessation among Colorado Adults", (Dec 2019).
Colorado School of Public Health – Preceptor: Dr. Katherine James.
- **Study:** "Excess weight gain during pregnancy leads to high rates of C-Section", (April 2018).
Colorado School of Public Health – Preceptor: Dr. Abdel-Maksoud.
- **Practicum:** Rapids Needs Assessment of Vallipuram, Tamil Nadu, (December 2017).
Colorado School of Public Health – Preceptor: Dr. Abdel-Maksoud.
- **Pilot study:** Estimation of IL-6 in serum and saliva oral squamous cell carcinoma.
Sri Ramachandra University – Preceptor: Dr. Malathi
- **Study:** Analysis of Smile Lines using orthodontic data registry.
Sri Ramachandra University – Preceptor: Dr. Badri.
- **Survey:** Traditional learning vs E-learning among dental college students.
Sri Ramachandra University – Preceptor: Dr. Nirmal.
- **Literature review:** Robotics in Dentistry.
Sri Ramachandra University – Preceptor: Dr. Hannah.

Presentations

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- Pilot study was done on the estimation of HbA1c in serum and saliva of Oral Squamous Cell Carcinoma patients and presented as a paper under the topic “Early detection, better prognosis” at 30th Tamil Nadu State Dental Conference Students Convention, RVS Dental College -19th and 20th Oct 2012
- Presented a poster on “ Analysis of a Smile Line” at 30th Tamil Nadu State Dental Conference Student Convention, RVS Dental College- 19th and 20th Oct.
- Presented a Poster on “Traditional Vs E-learning” (Department of Pedodontics) at FDI conference 2014, Annual World Dental Congress, NCR New Delhi – 11th – 14th Sep 2014.
- Presented a poster on “Robotics in Dentistry” at Indian Dental Association National Student Convention, Tamil Nadu, India – 2nd, 3rd, and 4th Dec 2011.
- Library Dissertation: Worked as a team of 6 and compiled a chapter “Glass Ionomer Cement ” in a book titled “Questions and Answers in Conservative Dentistry” compiled by all students of my class (batch 2010-2015).
- Rohit Balasundaram (2019): “Does the use of Marijuana negatively affect the success rate of smoking cessation among Colorado Adults”. Poster and paper presented at the Colorado School of Public Health Capstone Forum, Aurora, CO.

Volunteer Experience

- Dental Assistant at Fort Worth Mercy Clinic (February 2020 – Present).
- Dental Assistant at Worthmore Refugee Clinic, Aurora, CO (September 2019 – December 2020)
- General Dentist at Primary Health Care Center at Vayalanallur, Chennai, India – 06/07/2015 to 07/07/2015. Provided free services such as screening, diagnosis, and treatment.
- General Dentist at Primary Health Care Center at West Mambalam, Chennai, India – 02/23/2015 to 02/28/2015. Provided free services such as screening, diagnosis, and treatment
- General Dentist at Primary Health Care Center at Mugalivakkam, Chennai, India – 09/15/2014 – 09/20/2014. Provided free services such as screening, diagnosis, and treatment
- Participated in the organization of a no tobacco Awareness campaign at Sri Ramachandra University, Chennai, India - 05/31/2015
- Pioneered a program to raise awareness on mental health and prevent suicides among students at Sri Ramachandra University.
- Conducted an Oral Prophylaxis training for visually impaired children.
- General Dentist at Puzal prison, Chennai, India – 7/1/2015. Provided free services such as screening, diagnosis, and treatment.
- Organized a free dental camp for children at Child Haven, Chennai, India – 7/1/2016.

Licenses & Certifications

- Registered Dentist at Tamil Nadu Dental Council under The Dentists Act, 1948. Registration Number: 20885
- Basic Life Support approved by the American Heart Association. Expiring 02/2021. E-card Code: 195501489299
- SAS Certified Specialist: Base Programming Using SAS 9.4. Credential ID YRZ30CGCCFE4Q23K.

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Leadership Experience

- General Secretary (September 2017 – May 2019) – International Students Group – University of Colorado, Aurora, CO.
- General Secretary (June 2013 – May 2014) – Student Council – Sri Ramachandra University, Chennai, India.