

Dr. Anaya Patel

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SUMMARY

Dedicated Epidemiologist with over 5 years of experience in infectious disease research and public health initiatives. Proven track record in data analysis and outbreak response with a focus on improving health outcomes and reducing disease transmission rates.

EXPERIENCE

Senior Epidemiologist

Jan 2022 - Present

Centers for Disease Control and Prevention (CDC), Atlanta, GA

- Led a research project that reduced the incidence of influenza by 30% through targeted vaccination campaigns.
- Conducted data analysis on COVID-19 trends, contributing to federal policy recommendations that impacted over 10 million individuals.
- Utilized GIS mapping tools to pinpoint high-risk areas, enhancing resource allocation efficiency by 25%.

Epidemiologist

Jun 2018 - Dec 2021

New York City Department of Health, New York, NY

- Implemented a surveillance system for vector-borne diseases, leading to a 40% improvement in early detection.
- Collaborated with healthcare providers to create community health strategies that reduced hospitalizations due to asthma by 15%.
- Presented findings at national conferences, enhancing the department's visibility and establishing key partnerships.

Research Assistant

Aug 2015 - May 2018

University of California, Berkeley, Berkeley, CA

- Assisted in a study that identified environmental risk factors for respiratory diseases, published in a peer-reviewed journal.
- Managed datasets using R and STATA, streamlining the data collection process by 20%.
- Coordinated community outreach programs that educated over 500 residents on disease prevention.

EDUCATION

Bachelor of Science in Public Health

May 2018

University of California, Berkeley, Berkeley, CA • GPA: 3.7

SKILLS

Technical Skills: Epidemiological modeling, Data analysis, Statistical software (R, STATA), GIS mapping

Tools & Frameworks: Tableau, SAS, ArcGIS