

# Jeffrey C. Lin

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## SKILLS

- Expertise in research, data analysis (R, SAS), data visualization (Power BI, Tableau, ArcGIS), data management (REDCap, Microsoft Office), and regulatory compliance (IRB, CITI certified).
- Strong project management, collaboration, and communication skills for coordinating research projects, meeting deadlines, and working with interdisciplinary teams.

## EDUCATION

### Rollins School of Public Health, Emory University

Atlanta, GA

*Master of Public Health in Epidemiology, with a certificate in Infectious Diseases*

August 2022 – May 2024

- **Capstone:** The Effect of Water, Sanitation, and Hygiene (WASH) Outcomes on Trachoma Interventions
- Relevant Courses: Epidemiologic Methods I to III, Biostatistics, Statistical Programming (R and SAS), Spatial Epidemiology, Concepts and Methods in Infectious Disease Epidemiology, Infectious Disease Modellings

### Colorado State University

Fort Collins, CO

*Bachelor of Science in Biological Science, Chemistry minor*

August 2017 – May 2021

- **Senior Project:** Redox Chemistry of a Potential Anticancer Compound: Vanadium (V) Schiff's base ENSAL catechol
- Relevant Courses: General Microbiology, Immunology, Cell Biology, Molecular and General Genetics, Calculus for Biological Scientists I, Biostatistics, Ecology, Pathology of Human and Animal Disease

## PROFESSIONAL EXPERIENCE

### Stop TB Partnership – End TB Transmission Initiative

Atlanta, GA

*Research Assistant – J. Peter Cegielski, MD, MPH, Consulting, LLC*

May 2024 – August 2024

- Assisted in the development of **study protocols** and conducted comprehensive reviews of research gaps on TB infection prevention control and airborne transmission risk, improving the strategic direction for future studies.
- Develop search strategies and PICOT framework, and evaluate over 3,000 journal articles using **Covidence**

### The Carter Center

Atlanta, GA

*Quantitative Analytics and Epidemiology Assistant – Trachoma Control Program*

August 2023 – August 2024

- Conducted data cleaning and statistical analysis on **trachoma and malaria serological data in low-resource settings** using **R**
- Utilized **PowerBI** and **ArcGIS**, enhancing data presentation and understanding of disease distributions for **4 projects**.
- Developed and reviewed study protocols and analytical plans, executing statistical queries for accurate and timely data reporting.

### Center for the Health of Incarcerated Persons, Emory University's Rollins School of Public Health

Atlanta, GA

*Graduate Research Assistant*

May 2023 – April 2024

- Managed and analyzed multistate correctional health data on **HCV seroprevalence** and **viremia**, contributing to epidemiologic manuscript accepted in The Journal of Infectious Diseases.
- Facilitated **grant proposals** and research publications by providing statistical analysis and data visualization, enhancing research methods and HIV case management interventions.
- Assisted with **IRB submissions** and regulatory processes, ensuring the ethical conduct of studies and adherence to compliance guidelines.

### The Task Force for Global Health Inc.

Atlanta, GA

*Graduate Intern – International Trachoma Initiatives*

October 2022 – June 2023

- Conducted extensive literature reviews and evaluated over **35,000 peer-reviewed studies** using **Covidence**, contributing to development of novel diagnostic techniques for trachoma infection.
- Implemented analytical approach and study protocols for the PICOT framework, optimizing search strategies and ensuring project alignment and completion within established timelines.

## LEADERSHIP AND SERVICE

### International Education Peace Volunteers

Atlanta, GA

*Community Outreach Coordinator*

August 2022 – Present

- Facilitated program participation and funding, ensuring proper integration and community relationship management involving over **150 multi-national participants**.

### Emory Rollins Student Governance DEI Committee

Atlanta, GA

*Programmatic and Community Coordinator*

December 2022 – May 2024

- Organized multicultural dialogue events, engaging over 100 students in diversity and inclusion discussions.

## PRESENTATION AND PROCEEDINGS

**Lin, J.C.** "Population-based Prevalence of Antibody Responses to Malaria Antigens in North Darfur, Sudan 2019." Abstract submitted to *The Monthly Carter Center Health Programs Lunch and Learn*, Atlanta, GA, August, 2024.

**Renneker, K.K., Lin, J.C., Hsieh, J., Hooper, PJ, Emerson, P.M., Butcher, R., Hollingsworth, T.D., Martin, D.L., Solomon, A.W., Harding-Esch, E.M.** "A systematic review to determine the relationship between field-graded trachomatous inflammation—follicular and different methodologies for evaluating the burden of trachomatous disease." Abstract submitted to the *Trachoma Scientific Informal Workshop Meeting*, Tunis, Tunisia, May, 2024.

**Lin, J.C., et al.** "Spatial Analysis of Influenza Prevalence in Japan 2023." *Rollins Applied Practical Experience Poster Presentation*, Atlanta, GA, December, 2023.