

# Luke Carl Jorgensen

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## EDUCATION

<b>Master of Public Health, Biostatistics</b> Department of Public Health – GPA: 4.0/4.0 Purdue University; West Lafayette, Indiana	December 2025
<b>Bachelor of Science, Integrative Human Health</b> Minor, <i>Sociology</i> – GPA: 3.78/4.0 Purdue University Northwest; Hammond, Indiana	December 2023

## CERTIFICATIONS

<i>Microsoft Power BI for Business Intelligence and Data Visualization</i> , Strategic Insights & Analytics	December 2025
<i>Project Management Certificate</i> , Google	January 2025
<i>Statistical Analysis with R for Public Health Specialization</i> , Imperial College London	August 2023
<i>R Programming Fundamentals</i> , Stanford Online	June 2023
<i>Social Behavioral Research Investigators and Key Personnel</i> , CITI	July 2022
<i>Responsible Conduct of Research</i> , CITI	July 2022
<i>Certified Pharmacy Technician (CPhT)</i> , PTCB	December 2021
<i>Immunization Administration Certification</i> , APhA	September 2021
<i>Business Leadership MicroMasters</i> , University of Queensland	November 2020

## RESEARCH EXPERIENCE

<b>Research Assistant – Environmental Health &amp; Epidemiology</b> Northern Lake County Environmental Partnership, Purdue University Mentor: Dr. Ellen Wells, Professor of Public Health & Professor of Health Sciences, Purdue University <ul style="list-style-type: none"><li>Supported an NIH-funded study focused on the neurological, biological, and environmental impacts of heavy metals and PFAs in northern Lake County, Indiana by administering informed consent, demographic surveys, and NIH toolkits to human research participants.</li><li>Analyzed descriptive statistics of recruited participants to assess sample representation, delivering insights to internal and external stakeholders to guide ongoing recruitment.</li></ul>	May 2025 - Present
<b>MPH Practicum – Surveillance Report</b> <i>Chronic Hepatitis B in Indiana's Foreign-Born Population.</i> Indiana Department of Health & Purdue University Preceptor: Colin Stretch, Deputy Surveillance Director, Indiana Department of Health <ul style="list-style-type: none"><li>Conducted comprehensive data analysis, data visualization, and GIS mapping using R with applied advanced imputation techniques; independently wrote a comprehensive report and published findings internally.</li><li>Delivered a presentation to over 50 internal stakeholders and presented research findings as a poster at three major conferences to external stakeholders.</li></ul>	January 2025 – May 2025
<b>Research Assistant – Scientific Communication &amp; Grant Support</b> Purdue Northwest, Environmental Humanities Mentor: Dr. Mita Choudhury, Professor of English, Purdue University Northwest	November 2022 to November 2023

- Designed and completed a course on scientific writing in health, enhancing communication skills for technical and public audiences.
- Supported grant writing through literature review; assisted faculty in meeting scheduling and minutes taking.
- Advised in developing and planning a study abroad program focusing on sustainability in London, UK for undergraduate students.

**Faculty Book Club**, *Under a White Sky: The Nature of The Future* by Elizabeth Kolbert

Summer 2023

Facilitator: Dr. Kathryn Rowberg, Associate Professor of Chemistry, PNW

- Invited to join a faculty book club to analyze humanity's role in harming and fixing the environment.

## PROFESSIONAL EXPERIENCE

### **Viral Hepatitis Investigator**

May 2024 to Present

Division of HIV/STI/Viral Hepatitis, Indiana Department of Health (IDOH)

Supervisor: Jena Rasor, MPH

- Confirming cases of viral hepatitis through medical record searches, patient and provider interviews. Entering collected data into NBS system for reporting to the CDC.
- Teaching about risk factors, services, vaccinations and treatments associated with viral hepatitis to at risk populations.
- Participating in IDOH educational seminars and trips to better understand the interdisciplinary nature of public health.

### **Medication Reconciliation Technician**, Franciscan Health, Munster, Indiana

May 2022 to October 2024

- Conversing with newly admitted patients to discuss their pharmaceutical history; educating about strategies to assure medication compliance—health literacy, affordability, side effects, and abuse.
- Professional communications with healthcare providers, outpatient pharmacies, and insurers for thorough electronic health record documentation in Epic Medical.

### **Pharmacy Technician II**, Franciscan Health, Munster, Indiana

May 2022 to October 2024

- Preparation of precise piggyback IV admixtures in a laminar flow hood following strict aseptic technique and sterilization. Functioning as a second check for medical order quality control.
- Organizing and documenting inventory, expiry, and records of medications to meet all regulatory measures.

### **Senior Pharmacy Technician**, Walgreens, Calumet City, Illinois

August 2021 to May 2022

- Handled inventory, organization, and patient care in a high-volume community pharmacy.
- Resolved issues with the private and public insurers to provide patients with necessary care.
- Administered and documented intramuscular vaccinations.

### **Sous Chef**, The Royal Mail Hotel, Dunkeld, VIC, Australia

March 2019 to July 2021

- Built a young, international, high-functioning team to guarantee meeting strict deadlines. Lead the team successfully by delegating tasks of menu development, organization, sanitation, specializations, and budgeting to ensure participation and success.

## VOLUNTEER EXPERIENCE

### **Lafayette Transitional Housing Center**

February 2024 to Present

- Using my skills gained from my former career as a fine dining chef to help with kitchen and organization.

### **Membership Resources Chair**, AMWA Indiana Chapter

December 2023 to August 2024

- Coordinating efforts to recruit and retain members and encourage participation in the chapter. Sent out email communications to a mailing list of 100+ professional writers to organize events and memberships.

## PUBLICATIONS

**Jorgensen, L. C.** (June 2025). *History Shows the Danger of Trump and RFK Jr.'s Health Policies*. TIME Magazine -

Made by History. <https://time.com/7286403/history-trump-rfk-jr-health-policies/>

**Jorgensen, L. C.** (2023) *Is Northwest Indiana Prepared to Be a “Climate Haven”?* The Journal of Purdue Undergraduate Research: Vol. 13, Article 26. DOI: <https://doi.org/10.7771/2158-4052.1632>

**PRESENTATIONS**

**Jorgensen, L.C.,** Allen, J., Gonzalez Canas, C., Wells, E. (November 2025). *Northern Lake County Environmental Partnership: Preliminary Recruitment Sampling Analysis*. [Poster]. Purdue University Health and Human Sciences Research Fair. West Lafayette, IN

**Jorgensen, L.C.,** Stretch, C. (September 2025). *Chronic Hepatitis B in Indiana's Foreign-Born Population*. [Poster]. All Hands on Deck Conference. Indianapolis, IN

**Jorgensen, L.C.,** Stretch, C. (September 2025). *Chronic Hepatitis B in Indiana's Foreign-Born Population*. [Poster]. Purdue University Rural and Migrant Health Symposium. West Lafayette, IN

**Jorgensen, L.C.,** Stretch, C. (August 2025). *Chronic Hepatitis B in Indiana's Foreign-Born Population*. [Poster]. Indiana Department of Health Data Fair. Indianapolis, IN

**Jorgensen, L.C.,** Stretch, C. (June 2025). *Chronic Hepatitis B in Indiana's Foreign-Born Population*. [Invited Talk] Indiana Department of Health Internal Seminar. Indianapolis, IN

**Jorgensen, L.C.** (March 2024). *Quantifying Social Justice in Scarce Resource Allocation*. [Poster]. Preparedness Summit—Public Health, Healthcare, and Emergency Management: Aligning to Address Cascading Challenges. Cleveland, OH

**Jorgensen, L.C.** (March 2023). *Scientific Writing in Environmental Public Health*. [Poster]. PNW, Days of Discovery Research Conference. Hammond, IN

Mayo, K. & **Jorgensen, L.C.** (March 2023). *Environmental Humanities Group Efforts*. [Poster]. PNW, Days of Discovery Research Conference. Hammond, IN

**MEMBERSHIPS**

Phi Kappa Phi Honor Society	May 2025
Council of State and Territorial Epidemiologists	June 2024
Indiana Public Health Association	December 2024
International Society for Pharmacoepidemiology (ISPE)	December 2023
Phi Alpha Theta, History Honor Society	March 2023

**GRANTS/AWARDS**

Summer Scholar Program, 2023, College of the Humanities, Education and Social Science, PNW

Undergraduate Research Scholar, 2022, College of the Humanities, Education and Social Sciences, PNW