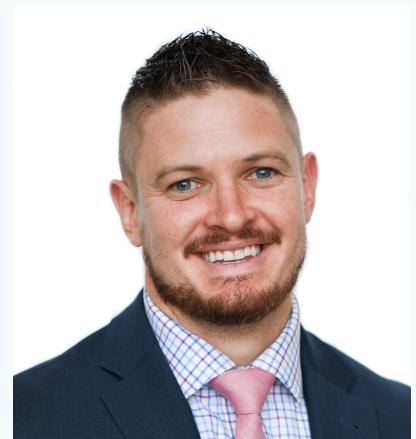


JAKE EARL

Pharmacist (PharmD), and Health Economist (MS) with clinical and payor expertise and in-depth training in Health Economics and Outcomes Research (HEOR).

I have worked for a Managed Care Organization, a research hospital, and a large pharmaceutical company. I have built and analyzed various economic models and conducted various Real-World Evidence (RWE) studies utilizing claims data. My knowledge is always growing and includes biostatistics, epidemiology, and coding with R, SAS, SQL, and VBA. My goal is to generate impactful research that depicts a clear message and ultimately become a leader within my field.



EDUCATION

2024
|
2023

- **Master of Science, Health Economics and Outcomes Research**
University of Washington CHOICE Institute 📍 Seattle, WA
 - Post-Doctoral Fellow
 - Master's Thesis: Identifying and Characterizing Commercially Insured HFpEF Patients with High vs. Low Utilization [doi: 10.18553/jmcp.2025.318741](https://doi.org/10.18553/jmcp.2025.318741)

2023
|
2019

- **Doctor of Pharmacy**
University of Utah College of Pharmacy 📍 Salt Lake City, UT
 - Viatris Excellence in Pharmacy Award Recipient
 - 2023 AFPE Research Scholarship Nominee (one of two from the college)
 - Conducted Research with the Pharmacy Outcomes Research Center (PORC)



INDUSTRY EXPERIENCE

2025
(current)

- **Senior Manager HEOR Strategy**
Bayer Pharmaceuticals 📍 Whippany, NJ
 - Conceptualized impactful RWE studies
 - Generated scientifically valid study designs that contained risk mitigation strategies
 - Assessed different types of available data to ensure the research could be completed properly
 - Ensured RWE activities were completed in a timely manner for Kerendia launch
 - Delivered simple, impactful presentations

2025
|
2023

- **Post-Doctoral Fellow, HEOR & Data Analytics**
Bayer Pharmaceuticals 📍 Whippany, NJ
 - Conceptualized, designed, and managed RWE studies supporting the launch of Kerendia utilizing various databases
 - Assessed data capabilities and ensured methodology was scientifically sound
 - Presented research proposals for internal alignment and approval
 - Generated simple and impactful messages from complex data for external communication with HCEI decks and RWE posters
 - Assessed economic models and presented on their function and validity

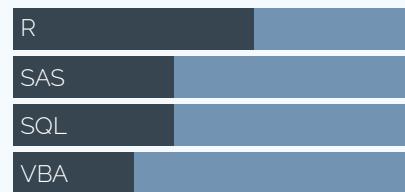
CONTACT INFO

- ✉ jake.c.earl@outlook.com
LinkedIn linkedin.com/in/jake-earl
GitHub github.com/jakepearl
📞 (801) 608-5538

AREAS OF EXPERTISE

- ↳ Health Economics Research
👥 Payor / Formulary
Rx Clinical

LANGUAGE SKILLS



Made with the R package [pagedown](#).

Last updated on 2025-08-29.

2024
|
2023

Post-Doctoral Fellow, HEOR

University of Washington CHOICE Institute / Bayer

📍 Seattle, WA

- Generated advanced Markov Models using VBA in Excel for PSA & VOI analyses
- Conducted RWE research utilizing R, SAS, and SQL with MarketScan data
- Utilized advanced methodology in Biostatistics, Epidemiology, and Data Analysis for application in HEOR

2023
(6wks)

Pharma Consulting, Pharmacist Intern Advanced Experience

Cencora

📍 Carrollton, TX

- Analyzed pharmaceutical companies and evaluated the impact of their therapies
- Developed clear and impactful presentations for clients
- Followed new legislation and delivered internal presentations for education

2023
|
2021

Managed Care, Pharmacist Intern Advanced Experience

University of Utah Health Plans

📍 Salt Lake City, UT

- Analyzed new therapies and presented to P&T committee
- Revised and developed prior-authorization (PA) criteria
- Analyzed claim data to determine adherence and evaluate coverage
- Examined PA appeals in oncology and other therapeutics areas to determine approval or denial
- Networked with KOLs to obtain specialized perspective

2023
|
2019

Inpatient Clinical Pharmacist Intern Advanced Experience

University of Utah Health Hospital

📍 Salt Lake City, UT

- Analyzed data of drug utilization and optimized medication cabinets
- Identified gaps in care with medication reconciliations
- Gave presentations to patient groups and educated individual patients on guideline-directed therapies across all units in the hospital

2022
(6wks)

Pharma Industry, Pharmacist Intern Advanced Experience

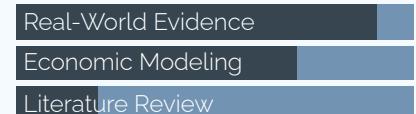
Ionis Pharmaceuticals

📍 Carlsbad, CA

- Analyzed new therapies for rare diseases and helped determine gaps in research

ORCID  0000-0003-1650-9277

Types of Research Executed



RESEARCH PUBLICATIONS

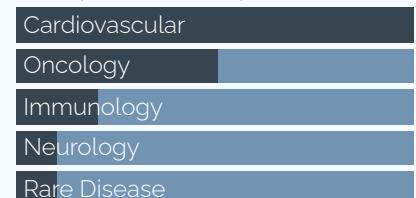
2025

Identifying and Characterizing Commercially Insured HFrEF Patients with High vs. Low Utilization

Jacob Earl, Laura Hart, Ryan Hansen

• doi: [10.18553/jmcp.2025.31.8.741](https://doi.org/10.18553/jmcp.2025.31.8.741)

Therapeutic Area Exposure



2023

- **Cost-Effectiveness Analysis of Five Anti-Obesity Medications from a US Payer's Perspective**

Ainhoa Gomez-Lumbreras, Malinda S Tan, Lorenzo Villa Zapata, Sabrina Ilham, Jacob Earl, Daniel C Malone

• doi: [10.1016/j.numecd.2023.03.012](https://doi.org/10.1016/j.numecd.2023.03.012)

2022

- **Genetic Biomarkers in Multiple Sclerosis: An Umbrella Review of Meta-Analyses of Observational Studies**

Adelaide Tempest, Sajesh K Veettil, Mari Kannan Maharajan, Jacob Earl, Surachat Ngorsuraches, Nathorn Chaiyakunapruk

• doi: [10.1016/j.msard.2022.103834](https://doi.org/10.1016/j.msard.2022.103834)

▣ POSTERS & CONFERENCE PRESENTATIONS

2025

- **Real-World (RW) treatment patterns and clinical outcomes of patients treated with sequential regorafenib (R) and trifluridine/tipiracil (T) ± bevacizumab (BEV) for metastatic colorectal cancer (mCRC) in the United States (US) community oncology setting: The SEQRT2 study**

Abstract and Poster Presentation at ASCO Genitourinary Symposium

2024

- **Utilization of Guideline-Directed Medical Therapies in finerenone users**

Poster Presentation at American Society of Nephrology Kidney Week

2024

- **Utilization of non-steroidal Mineralocorticoid Receptor Antagonist (MRA) finerenone with or without prior steroid MRA**

Poster Presentation at American Society of Nephrology Kidney Week

2023

- **Healthcare Resource Utilization Among Adults in North America with Heart Failure**

Poster Presentation at Corporate Advisory Board Meeting

2023

- **The Effects of Bupropion in the Brains of Mice with METH-induced toxicity**

Poster Presentation at the Society for Neuroscience

2023

- **Learning from Learners: A Proactive Mindset to Improve**

Oral presentation at both UPHA and USHP Annual Meetings

↳ LEADERSHIP EXPERIENCE

2023

- **Diabetes Empowerment Program (DEP) Pharmacist Representative**

Midvalley Community Clinic

📍 Murray, Utah

• Generated educational slide decks and presented content in Spanish

|
2022

2023
|
2022

2022
|
2021

● **Project & Research Development Teaching Assistant**

University of Utah College of Pharmacy

📍 Salt Lake City, Utah

- Mentored and educated students in presentation of research and methodology

● **Maliheh Community Clinic Director**

Maliheh Community Clinic

📍 Millcreek, Utah

- Expanded clinic and provided free care to the underserved population



REFERENCES AVAILABLE UPON REQUEST