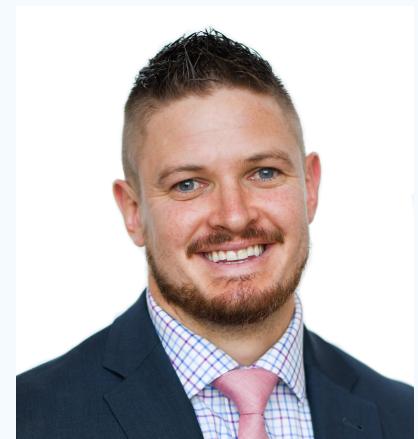


# JAKE EARL

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

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  
|  
2024

- **Post-Doctoral Fellow, HEOR & Data Analytics**  
Bayer Pharmaceuticals 📍 Whippany, NJ
  - Conceptualized and designed Real-World Evidence (RWE) studies to support launch of Kerendia utilizing Optum, Komodo, HealthVerity, and other databases
  - Revised and generated Healthcare Information Exchange (HCEI) decks and RWE posters for external communication
  - Assessed vendor/data capabilities to execute designed studies
  - Presented research proposals for internal alignment and approval
  - Guided and oversaw vendor activities to ensure timely study execution
  - Assessed economic models and presented on their function and validity

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
  - Gained in-depth knowledge in Epidemiology, Biostatistics, and Data Analysis for application in HEOR

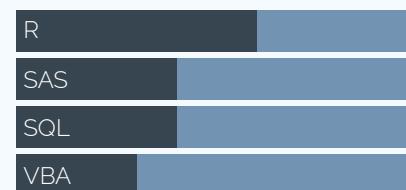
## CONTACT INFO

- ✉️** [jake.c.earl@outlook.com](mailto:jake.c.earl@outlook.com)  
**linkedin** [linkedin.com/in/jake-earl](https://linkedin.com/in/jake-earl)  
**github** [github.com/jakepearl](https://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 2025-02-06.

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2023  
(6wks)

- **Pharma Consulting, Pharmacist Intern Advanced Experience**  
Cencora
  - 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

📍 Carrollton, TX

2023  
|  
2021

- **Managed Care, Pharmacist Intern Advanced Experience**  
University of Utah Health Plans
  - Analyzed new therapies and presented coverage criteria 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 Key Opinion Leaders (KOLs) to obtain specialized perspective

📍 Salt Lake City, UT

2023  
|  
2019

- **Inpatient Clinical Pharmacist Intern Advanced Experience**  
University of Utah Health Hospital
  - 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

📍 Salt Lake City, UT

2022  
(6wks)

- **Pharma Industry, Pharmacist Intern Advanced Experience**  
Ionis Pharmaceuticals
  - Analyzed new therapies for rare diseases and helped determine gaps in research

📍 Carlsbad, CA

ORCID ID [0000-0003-1650-9277](#)

## 📘 RESEARCH PUBLICATIONS

2025

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

Jacob Earl, Ryan Hansen, Laura Hart

- Manuscript Submitted to JMCP

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)

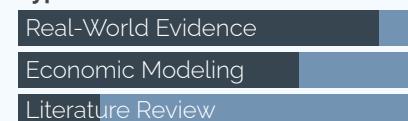
2020

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

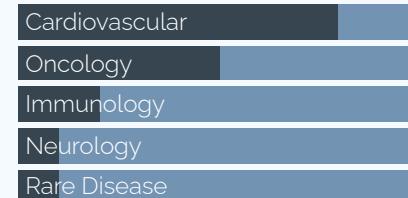
Ainhoa Gomez-Lumbreras, Malinda S Tan, Lorenzo Villa Zapata, Sabrina Ilham, Jacob Earl, Daniel C Malone

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

### Types of Research Executed



### Therapeutic Area Exposure





## 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**

Tanios Bekaii-Saab, David Cosgrove, Ilia Sruti, Junxin Shi, Wei Dai, Gregory Patton, Sreevalsaa Appakkuttan, Brian Hocum, Arvind Katta, Jacob Earl, Svetlana Babajanyan, Afsaneh Barzi

- Abstract and Poster Presentation at ASCO Genitourinary Symposium

2024

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

Zihe Zheng, Samuel T. Fatoba, Matthew Novin, Yunxun Wang, Arvind Katta, Jacob Earl, Jon W. Mares, German Guerrero, Marco Lavagnino, Youssef M.K. Farag, Connor W. McKee, Wei Huang, Hongping Tian, Rakesh Singh, Yuxian Du, Drew Rockett, Karthik Sankaralingam

- 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**

Zihe Zheng, Samuel T. Fatoba, Matthew Novin, Yunxun Wang, Arvind Katta, Jacob Earl, Jon W. Mares, German Guerrero, Marco Lavagnino, Youssef M.K. Farag, Connor W. McKee, Wei Huang, Hongping Tian, Rakesh Singh, Yuxian Du, Drew Rockett, Karthik Sankaralingam

- Poster Presentation at American Society of Nephrology Kidney Week

2023

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

Jacob Earl, Ryan Hansen, Laura Hart

- Poster Presentation at Corporate Advisory Board Meeting UW CHOICE Institute

2023

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

Jacob Earl, Anne Gibson, Kristen Keefe

- Poster Presentation at the Society for Neuroscience

2023

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

Nicholas Cox, Kyle Turner, Jacob Earl

- Oral presentation at both UPHA and USHP Annual Meetings

## LEADERSHIP EXPERIENCE

2023  
|  
2022

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

Midvalley Community Clinic

 Murray, Utah

- Generated educational slide decks and presented content in Spanish

2023  
|  
2022

- **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

2022  
|  
2021

- **Maliheh Community Clinic Director**

Maliheh Community Clinic

 Millcreek, Utah

- Expanded clinic and provided free care to the underserved population

## REFERENCES AVAILABLE UPON REQUEST