

Rachel Kneitel, PharmD, MS

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SUMMARY

Pharmacy-trained HEOR professional with experience in real-world evidence (RWE) generation and economic modeling for in-line and pipeline products across US and global markets. Proficient in cost-effectiveness analysis, budget impact modeling (BIM), retrospective claims analyses, indirect treatment comparisons (ITC), and patient-reported outcomes (PRO) development to support market access, health technology assessment (HTA) submissions, and value demonstration.

EDUCATION

University of Washington Master of Science (M.S.) Health Economics and Outcomes Research	2024-2025
St. John's University Doctor of Pharmacy (PharmD)	2018-2024

PROFESSIONAL EXPERIENCE

AbbVie – Lake County, IL <i>2nd Year Postdoctoral Fellow, Health Economics and Outcomes Research</i>	Jul 2025-Present
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- Partnered with internal modeling and international market access teams to develop a BIM and ITC for VENCLEXTA® combination therapy in chronic lymphocytic leukemia (CLL), supporting HTA submissions, strategically positioning the asset to avoid restricted access and delayed reimbursement across international markets.
- Led internal analysis of global chart review data from sites across the US, Israel, and Canada, partnered with RWE Analytics and Medical Affairs teams to characterize real-world effectiveness, patient management, and treatment patterns in patients with acute myeloid leukemia (AML), generating strategic evidence to differentiate product positioning and encourage prescriber adoption.
- Managed a retrospective claims analysis evaluating clinical outcomes in relapsed and refractory multiple myeloma (MM) patients to generate comparative evidence supporting product differentiation and strategic positioning in a competitive treatment landscape.
- Developed PRO strategy for a Phase III MM maintenance therapy trial by conducting a targeted literature review and recommending fit-for-purpose instruments to capture quality-of-life impacts for regulatory submissions and HTA value assessments.
- Contributed to a BIM for VENCLEXTA® combination therapy in AML, assisting with evaluation of total costs, absolute and relative budget impact from US payer and federal channel perspectives.

University of Washington – Seattle, WA <i>1st Year Postdoctoral Fellow, Health Economics and Outcomes Research</i>	Jul 2024-Jun 2025
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- Designed and executed a retrospective claims analysis using Merative MarketScan Commercial, Medicare Supplemental, and Multi-State Medicaid databases to depict the healthcare resource utilization patterns and quantify economic burden among patients with AML treated with post-transplant maintenance therapy.

- Developed an Excel-based cost-effectiveness model comparing novel therapy to standard of care for schizophrenia maintenance treatment over a lifetime time horizon, utilizing Markov modeling techniques to demonstrate value from healthcare and modified societal perspectives.
- Conducted a systematic review of AML post-transplant maintenance therapy approaches following PRISMA guidelines, synthesizing evidence from 65 studies to identify evidence gaps for future research.

AbbVie – Lake County, IL

May 2023-Jul 2023

HEOR Eye Care Strategy Intern

- Led the development of a diabetic retinopathy retrospective claims analysis, which consisted of writing the study protocol, developing the statistical analysis plan (SAP), and performing a high-level feasibility analysis of Optum claims data through the IHD platform to generate evidence for identifying characteristics of patients with high unmet needs requiring early intervention.
- Conducted a targeted literature review of published utility estimates for wet age-related macular degeneration to inform economic modeling strategy.
- Supported the development of scientific protocols across various study types such as systematic literature reviews and real-world treatment patterns and outcomes studies to support gene therapy asset strategy.

Johnson & Johnson Innovative Medicine – Titusville, NJ

May 2022-May 2023

Real World Market Access Analyst

Sep 2022-May 2023

- Developed an immunology study for internal and external targeting tools to support efforts for raising awareness on health disparities and social determinants of health.
- Conducted literature reviews to inform actions needed to improve the development of a health equity research dashboard for Crohn’s disease.

Real World Market Access Analytics Intern

May 2022-Aug 2022

- Produced and piloted an external targeting dashboard using Medicare claims data to highlight cancer patient health inequity across the country using Python, SQL, and Tableau.
- Developed a study design and SAP by collaborating with Value & Evidence, Population Health, and Customer Marketing teams.
- Partnered with the CLL Society and Association of Community Cancer Centers to develop additional insights to facilitate diversity, equity, and inclusion conversations with internal and external stakeholders.

PUBLICATIONS AND POSTERS

Kneitel R, Lee K, Kreif N. Healthcare Resource Utilization and Costs in Patients with AML Treated with Post-Transplant Maintenance Therapy. *Journal of Managed Care & Specialty Pharmacy* [revise and resubmit].

Kneitel R, Kreif N. Cost-Effectiveness of Xanomeline and Trospium Chloride for Schizophrenia in the United States. International Society for Pharmacoeconomics and Outcomes Research; 2025 May 13-16; Montreal, Canada.

Kneitel R, Kreif N. Cost-Effectiveness of Xanomeline and Trospium Chloride for Schizophrenia in the United States. Western PharmacoEconomics Conference; 2025 Mar 31-Apr 2; Seattle, WA.

Kneitel R, Xu Y, Kreif N. Strategies in Post-Transplant Maintenance Therapy for Acute Myeloid Leukemia: A Systematic Review. UW Corporate Advisory Board Meeting; 2024 Sep 9-11; Seattle, WA.

Kneitel R, Nayak R. Economic Evaluation of Emerging Antibody Drug Conjugates (ADC) Compared to Standard of Care: A Systematic Literature Review. St. John's University Research Conference; 2023 Mar 22-23; New York, NY.

LEADERSHIP EXPERIENCE

The University of Arizona Industry Pharmacists Organization (IPhO)

Industry Mentorship Program

Sep 2025-Present

- Mentor two pharmacy students, offering insights on industry career pathways, resume development, and networking strategies.
- Served as guest speaker at organization event, offering insights on industry career pathways.

AbbVie Inc, HEOR Talent Development Workstream

Aug 2025-Oct 2025

- Co-led the development of fellowship recruitment materials.

Rho Chi Honor Society

Aug 2022- Jun 2023

- Secretary
- LEADS Mentor

IPhO

Aug 2022- Jun 2023

- VIP Case Competition Chair

International Society for Pharmacoeconomics and Outcomes Research (ISPOR)

Nov 2022-Jun 2023

- Secretary

LANGUAGE

- Russian (Fluent)
- Ukrainian (Intermediate)

SKILLS

- Programming: Python, SQL, R
- Economic modeling: Excel-based cost-effectiveness analysis, budget impact modeling
- Systematic literature reviews
- Real-world evidence studies