

# Minseon Chung

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## PROFESSIONAL SUMMARY

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Health economist with a multidisciplinary foundation in pharmacy practice, public health, epidemiology, and health economics and outcomes research (HEOR). Experienced in real-world data analysis, economic modeling, and scientific communication across academia and industry settings. Dedicated to generating and translating evidence into impactful insights through a data-driven, interdisciplinary approach with a focus on value demonstration, reimbursement strategy, and patient-centered outcomes.

## HEOR SKILLSET

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Programming Languages: SAS, R, VBA  
Datasets: MarketScan, Truveta, Komodo Health, CDC surveillance data  
Analyses: clinical & sociodemographic outcomes research, systematic literature review, value-based assessments, cost-effectiveness analyses, budget impact modeling

## EDUCATION

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- Jul 2024 – Jun 2025     **Master of Science (MS) in Health Economics and Outcomes Research**  
University of Washington – Seattle, WA  
*Thesis: Cost-Effectiveness of Delaying Alzheimer's Disease Progression with Novel Monoclonal Antibodies*
- Aug 2020 – Jun 2024     **Master of Public Health (MPH) in Epidemiology**  
The State University of New York at Buffalo – Buffalo, NY  
*Thesis: Maternal Substance Use Among US Pregnant Women During the Early Stages of COVID-19*
- Aug 2019 – Aug 2024     **Doctor of Pharmacy (PharmD)**  
The State University of New York at Buffalo – Buffalo, NY
- Aug 2011 – Jun 2016     **Bachelor of Science (BS) in Biology**, concentration in Neuroscience  
Stony Brook University – Stony Brook, NY

## PROFESSIONAL EXPERIENCE

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- Jul 2024 – Present     **Postdoctoral Fellow | University of Washington & Novo Nordisk, Inc.** – Plainsboro, NJ
- Oversaw 4 internal and vendor-partnered studies across Alzheimer's Disease and Diabetes portfolios maintaining strategic alignment and driving milestone executions
  - Led retrospective real-world data analyses using Truveta EHR and claims data to address evidence gaps in Alzheimer's Disease, characterizing diagnostic, clinical, and treatment pathways in Alzheimer's Disease patients
  - Led systematic literature review with vendor to quantify economic burden of Alzheimer's Disease on informal caregivers in the US
  - Drove cost-effectiveness and budget impact modeling with vendors to inform value-based assessments and support HTA submission for Sema-AD
  - Facilitated evidence-generation collaboration between data scientists and HEOR colleagues, ensuring methodological rigor and strategic alignment on research priorities requested by Medical Affairs, Commercial, and Market Access teams
  - Develop research concepts and statistical analysis plan for a retrospective research study using Komodo Health to map the clinical journey and treatment pathways of GLP-1 users with type 2 diabetes
  - Accelerated cross-functional scientific communication and publication initiatives within HEOR across Alzheimer's Disease and Diabetes portfolios
- Nov 2021 – Mar 2025     **Research Assistant | Jacobs School of Medicine, University at Buffalo** – Buffalo, NY
- Collaborated within the multidisciplinary research team to support the full research lifecycle from proposal development and data analysis to manuscript writing and journal submission
  - Translated research findings into clear and tailored tables and figures for manuscripts and congression presentations
  - Conducted descriptive and inferential statistical analyses using SAS to investigate association between key clinical and sociodemographic variables and substance use in pregnancy using CDC national survey data (PRAMS)

- Oct 2022 – Jul 2023      **Pharmacy Intern | Erie County Medical Center – Buffalo, NY**
- Prepared and compounded sterile medications utilizing aseptic techniques ensuring compliance to USP 795, 797, and 800
  - Engaged with multidisciplinary patient care teams to address any medication related queries and prescription clarifications
- Oct 2022 – May 2023      **Pharmacy Intern | Mobile Primary Care – Buffalo, NY**
- Delivered chronic care management services including medication management, adherence monitoring, and resolution of medication-related concerns to elderly or disabled population
  - Executed community wellness clinics through delivering immunizations and medication counseling to Erie County residents across home and long-term care facilities
  - Collaborated with the physicians and pharmacist to develop internal guidance for nursing staff delivering the latest information on novel COVID-19 treatments and vaccinations to patients and their families
- Apr – Dec 2022              **Public Health Intern | Outpatient Oncology, Erie County Medical Center – Buffalo, NY**
- Developed comprehensive reference guide on pegfilgrastim and its biosimilars, covering product-specific details, insurance-preferred products, and prior authorization requirements, for clinical and administrative teams to accelerate treatment delivery
  - Secured prior authorizations and resolved billing discrepancies for antineoplastic and immunotherapy agents, driving seamless delivery of oncologic care
  - Partnered in optimization of the clinic workflow to streamline patient care from patient sign-in and patient assessment to chemotherapy administration and patient sign-out through improved cross-functional communication between clinical and administrative team

## **PUBLICATIONS**

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Wen X, **Chung MV**, Liszewski KA, Todoro LD, Giancarlo EM, Zhang W, Berkelhamer SK, Goniewicz ML. Cigarette Smoking Abstinence Among Pregnant Individuals Using E-Cigarettes or Nicotine Replacement Therapy. *JAMA Network Open*. 2023.

**Chung MV**, Sullivan SD. An Estimate of the Cost-Effectiveness of Delayed Progression of Alzheimer’s Disease with Lecanemab and Donanemab (In Progress)

## **POSTER PRESENTATIONS**

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**Chung MV**, Sullivan SD. Cost-Effectiveness Analysis of Initiating Novel Monoclonal Antibodies at Early Alzheimer’s Disease Stages. *Clinical Trials on Alzheimer’s Disease*, San Diego, CA. Dec 4, 2025.

**Chung MV**, Datar M, Sullivan SD. Cost-Effectiveness of Delaying Progression of Alzheimer’s Disease with Novel Monoclonal Antibodies: A Societal Perspective. *International Society of Pharmacoeconomics and Outcomes Research*, Montreal, Canada. May 15, 2025.

Wen X, Mohammed F, Chen J, **Chung MV**, Hura E. Changes in maternal polysubstance use of cannabis and nicotine products during pregnancy and risk of small-for-gestational-age birth. *CHEST 2024 Annual Meeting*. Boston, MA. October 6-9, 2024.

**Chung MV**, Datar M, Sullivan SD. Efficacy and Safety of the Current FDA-Approved Anti Amyloid Alzheimer’s Disease Treatments. *Corporate Advisory Board Meeting*, Seattle, WA. September 10, 2024.

**Chung MV**, Lee H, Kwak N, Ochs-Balcom H, Wen X. COVID-19 and Maternal Substance Use During Late Pregnancy. *Society of Perinatal and Pregnancy Epidemiology Research 2023 Annual Conference*, Portland, Oregon. June 12-13, 2023.

**Chung MV**, Lee H, Kwak N, Ochs-Balcom H, Wen X. COVID-19 and Maternal Substance Use During Late Pregnancy. *UB Annual Perry Poster Day*. Buffalo, NY, USA. April 26, 2023. Winner of Perry Poster Award

Lee H, **Chung MV**, Kwak N, Wen X. COVID-19 and Maternal Substance Use During Late Pregnancy. *UB Annual Celebration of Student Academic Excellence*. Buffalo, NY, USA. April 26, 2023. Winner of Award of Distinction