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Dr. Wu is a health economist with expertise in health economics and outcomes research (HEOR), market access, and scientific evidence strategy. He has conducted research in more than 30 countries on behalf of pharmaceutical and medical device companies, payers, providers, and government agencies. Dr. Wu has contributed to over 200 publications across dozens of therapeutic areas, including regenerative therapies (gene and stem cell), rare and ultra-rare diseases, biologics, and immuno-oncology.

Dr. Wu spends a significant portion of his practice developing new scientific methods to address challenges in health care research. He has developed client-focused solutions based on the use of artificial intelligence (AI), medical big data, real-world evidence, and innovative comparative-effectiveness research methodologies.

EDUCATION

1998–2002	Ph.D. University of Southern California, Department of Pharmaceutical Economics and Policy School of Pharmacy
2001–2002	M.Sc. University of Southern California, Master’s Program in Regulatory Science (Regulation, Law, and Management in Health Care and Pharmaceutical Industry) School of Pharmacy
1998–2000	M.A. University of Southern California, Department of Economics, Successfully Completed the Ph.D. Core Theory Examinations for the Department of Economics
1993–1997	B.S. Peking University, Beijing, China, Biochemistry and Molecular Biology Department School of Life Sciences

PROFESSIONAL EXPERIENCE

2021–Present	Peking University Institute for Global Health and Development <i>Adjunct Faculty</i>
2002–Present	Analysis Group, Inc.

PUBLICATIONS

Articles in Peer-Reviewed Journals

1. “Treatment Patterns and Adverse Event-Related Hospitalization Among Patients with Epidermal Growth Factor Receptor (EGFR)-Mutated Metastatic Non-small Cell Lung Cancer After Treatment with EGFR Tyrosine Kinase Inhibitor and Platinum-Based Chemotherapy Regimens,”

- Marrett E, Kwong WJ, Xie J, Manceur AM, Sendhil SR, Wu E, Ionescu-Ittu R, Subramanian J. *Drugs – Real World Outcomes*. 2023 09. E-pub ahead of print; doi: 10.1007/s40801-023-00383-1.
2. “Long-Term Effectiveness of Dupilumab in Patients with Atopic Dermatitis: Results up to 3 Years from the RELIEVE-AD Study,” Kimball AB, Delevry D, Yang M, Chuang CC, Wang Z, Bégo-Le-Bagousse G, Martins B, Wu E, Shumel B, Wang J, Sierka D, Chao J, Strober B. *Dermatology and Therapy*. 2023 09; 13(9):2107-2120. E-pub ahead of print 2023/08/08; doi: 10.1007/s13555-023-00965-5.
 3. “Treatment Patterns and Healthcare Resource Use in Medicare Beneficiaries with Parkinson's Disease,” Song Y, E JY, Guo T, Sasane R, Arcona S, Keshava N, Wu E. *ClinicoEconomics and Outcomes Research*. 2023 08; 15:631-643. E-pub ahead of print 2023/08/08; doi: 10.2147/ceor.S422023.
 4. “Real-world Outcomes Associated With Poly(ADP-ribose) Polymerase Inhibitor Monotherapy Maintenance in Patients With Primary Advanced Ovarian Cancer,” Chan JK, Liu J, Song J, Xiang C, Wu E, Kalilani L, Hurteau JA, Thaker PH. *American Journal of Clinical Oncology*. 2023 07; 46(7):314-322. E-pub ahead of print 2023/04/28; doi: 10.1097/COC.0000000000001010.
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 7. “Chronic Myeloid Leukemia: Part I-Real-World Treatment Patterns, Healthcare Resource Utilization, and Associated Costs in Later Lines of Therapy in the United States,” Atallah EL, Maegawa R, Latremouille-Viau D, Rossi C, Guérin A, Wu EQ, Patwardhan P. *Journal of Health Economics and Outcomes Research*. 2022 08; 9(2):19-29. doi: 10.36469/001c.36975.
 8. “The Economic Burden of Eosinophilic Gastritis and Eosinophilic Enteritis in the United States,” Woolley M, Cook EE, Mu F, Betts KA, Billmyer E, Yim E, Chen J, Wu EQ. *Advances in Therapy*. 2022 08; 39(8):3547-3559. doi: 10.1007/s12325-022-02202-5.
 9. “Discontinuation and Switchback After Non-Medical Switching from Originator Tumor Necrosis Factor Alpha (TNF) Inhibitors to Biosimilars: A Meta-Analysis of Real-World Studies from 2012 to 2018,” Liu Y, Skup M, Yang M, Qi CZ, Wu EQ. *Advances in Therapy*. 2022 08; 39(8):3711-3734. doi: 10.1007/s12325-022-02173-7.
 10. “Advancing the development of real-world data for healthcare research in China: challenges and opportunities,” Zhong J, Zhang J, Fang H, Liu L, Xie J, Wu E. *BMJ Open*. 2022 07; 12(7):e063139. doi: 10.1136/bmjopen-2022-063139.
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41. “Treatment Patterns and Outcomes in Patients with Myelodysplastic Syndrome Treated with Hypomethylating Agents: A SEER-Medicare Analysis,” Stein EM, Bonifacio G, Cao XY, Latremouille-Viau D, Guerin A, Shi S, Wu E. *Leukemia and Lymphoma*. 2020 05.
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52. “Economic Impact of Non-Medical Switching from Originator Biologics to Biosimilars: A Systematic Literature Review,” Liu Y, Yang M, Garg V, Wu EQ, Wang J, Skup M. *Advances in Therapy*. 2019 06. E-pub ahead of print 2019/06/07; doi: 10.1007/s12325-019-00998-3.
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