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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**

2002–Present      Analysis Group, Inc.

**PUBLICATIONS**

**Articles in Peer-Reviewed Journals**

1. “The Economic Burden of Tenosynovial Giant Cell Tumors Among Employed Workforce in the United States,” Lin F, Ionescu-Ittu R, Pivneva I, Wynant W, Shi S, Wu E, Kwong WJ, Abraham JA. *Journal of Occupational and Environmental Medicine* 2021 04; 63(4):e197-e202. doi: 10.1097/JOM.0000000000002159.

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4. “An overview of patients with hemophilia A in China: epidemiology, disease severity, and treatment strategies,” Song X, Zhong J, Xue F, Chen L, Li H, Yuan D, Xie J, Shi J, Zhang L, Wu E, Yang R. *Haemophilia*. 2021 01; 27(1): e51-e59. E-pub ahead of print: 2020/11/07; doi: 10.1111/hae.14217.
5. “Effect of Risankizumab on Patient-Reported Outcomes in Moderate to Severe Psoriasis: The UltIMMa-1 and UltIMMa-2 Randomized Clinical Trials,” Augustin M, Lambert J, Zema C, Thompson EHZ, Yang M, Wu EQ, Garcia-Horton V, Geng Z Valdes JM, Joshi A, Gordon KB. *JAMA Dermatology*. 2020 Dec 1;156(12):1344-1353. doi: 10.1001/jamadermatol.2020.3617.
6. “The cost-effectiveness of low-dose budesonide as a Step 2 treatment for pediatric asthma in China,” Wang X, Fang H, Shen K, Liu T, Xie J, Liu Y, Zhong J, Wu E, Zhou W, Wu B. *Journal of Comparative Effectiveness Research*. 2020 11. E-pub ahead of print 2020/11/07; doi: 10.2217/cer-2020-0102.
7. “Healthcare Resource Use and Associated Costs in the Three Years Following the Initial Diagnosis of Diabetic or Idiopathic Gastroparesis: A Retrospective Claims Analysis,” Chen YJ, Tang W, Ionescu-Ittu R, Ayyagari R, Wu E, Huh SY, Parkman HP. *American Journal of Gastroenterology*. 2020 10; 115: S23-S24.
8. “Cost-effectiveness analysis of double low-dose budesonide and low-dose budesonide plus montelukast among pediatric patients with persistent asthma receiving Step 3 treatment in China,” Wang X, Fang H, Shen K, Liu T, Xie J, Liu Y, Wu P, Chen Y, Zhong J, Wu E, Zhou W, Wu B. *Journal of Medical Economics* 2020 09; 23(12): 1630-1639. e-pub ahead of print 2020/09/30; doi: 10.1080/13696998.2020.1830410.
9. “Clinical and Economic Outcomes of Erythropoiesis-Stimulating Agent Hyporesponsiveness in the Post-Bundling Era,” Cizman B, Smith HT, Camejo RR, Casillas L, Dhillon H, Mu F, Wu E, Xie J, Zuckerman P, Coyne D. *Kidney Medicine* 2020 08; 2(5): 589-599.e1. doi: 10.1016/j.xkme.2020.06.008.
10. “Postdischarge Health Care Costs and Readmission in Patients with Hyperkalemia-Related Hospitalizations.” Betts KA, Woolley JM, Mu F, Wang Y, Wang Y, Dua A, Wu EQ. *Kidney International Reports*. 2020 07; 5(8): 1280-1290. E-pub ahead of print 2020/08/11; doi: 10.1016/j.ekir.2020.06.004.
11. “Estimation of Total Costs in Pediatric and Young Adult Patients with Relapsed or Refractory Acute Lymphoblastic Leukemia Receiving Tisagenlecleucel from a U.S. Hospital’s Perspective.” Yang H, Hao Y, Qi CZ, Chai X, Wu EQ. *Journal of Managed Care & Specialty Pharmacy*. 2020 06; 0(0): 1-12. doi: 10.18553/jmcp.2020.20052.

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32. “Monitoring of Hematologic, Cardiac, and Hepatic Function in Post-Menopausal Women with HR+/HER2- Metastatic Breast Cancer,” Guerin A, Goldschmidt D, Small T, Gagnon-Sanschagrinn P, Romdhani H, Gauthier G, Kelkar S, Wu EQ, Niravath P, Dalal AA. *Advances in Therapy*. 2018 08; 35(8): 1251-1264. E-pub ahead of print 2018/06/28; doi: 10.1007/s12325-018-0740-y.
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46. “Healthcare Resource Use, Costs, and Disease Progression Associated with Diabetic Nephropathy in Adults with Type 2 Diabetes: A Retrospective Observational Study,” Zhou Z, Chaudhari P, Yang H, Fang AP, Zhao J, Law EH, Wu EQ, Jiang R, Seifeldin R. *Diabetes Therapy*. 2017 06; 8(3): 555-571. E-pub ahead of print 2017/04/01; doi: 10.1007/s13300-017-0256-5.
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