

# Brian K. Chen

Associate Professor  
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## EMPLOYMENT

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<b>University of South Carolina, Arnold School of Public Health</b> <i>Associate Professor, Department of Health Services Policy and Management</i>	<b>2017-present</b>
<i>Assistant Professor, Department of Health Services Policy and Management</i>	<b>2011-2017</b>
<b>Kaohsiung Medical University, Kaohsiung, Taiwan</b> <i>Lecturer in Law</i>	<b>1998-2003</b>
Taught introductory law to undergraduate public health students	
<b>Orrick, Herrington &amp; Sutcliffe, San Francisco, California</b> <i>Associate</i>	<b>1997-1998</b>
Participated in the 1997 PG&E stranded cost securitization and bankruptcy proceedings of the San Gregorio wind power projects	
<b>Teisan Kabushikigaisha, Tokyo, Japan</b> <i>China Project Group</i>	<b>1993-1994</b>
Served as liaison between the Tokyo and Shanghai offices of Teisan, the Japanese subsidiary of the French gas producer <i>Air Liquide</i> to develop the commercialization of specialty gases required in the manufacture of silicon chips in China	
<b>Air Liquide and Ecole Polytechnique, Paris, France</b> <i>Participant, Jean Monet Program</i>	<b>1992-1993</b>
Selected as one of 20 students from North America and Japan to attend the Jean Monet program organized by the <i>Fondation de l'Ecole Polytechnique</i> to gain firsthand knowledge of the institutions of the then emerging European Union, and worked to develop quality metrics in the home medical gas supply	

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## EDUCATION

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<b>University of California at Berkeley, Haas School of Business, Berkeley, California</b> <i>Ph.D. in Business Administration, Business and Public Policy Group</i>	<b>2003-2009</b>
<b>Stanford Law School, Palo Alto, California</b> <i>Juris Doctor</i>	<b>1994-1997</b>
<b>Harvard College, Cambridge, Massachusetts</b> <i>A.B. Summa cum Laude in Linguistics with Computer Science</i>	<b>1988-1992</b>
Areas of Concentration: Comparative and Historical Linguistics, Phonetics and Phonology Minor: Computer software programming in C+ and Lisp Honors Thesis: "The Zero Anaphora Phenomenon in Chinese and Japanese Discourse"	

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## LICENSURE

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State Bar of California

**RESEARCH**

1. **Chen, B.**, B. Seligman, J. Farquhar, and J. Goldhaber-Fiebert (2011). Multi-country, longitudinal analysis of palm oil consumption and cardiovascular disease mortality for countries at different stages of economic development. *Globalization and Health*. (7)45.
2. Li, H, **B. Chen**, N. Shah, Z. Wang, and K. Eggleston (2012), Socioeconomic correlates of inpatient costs for patients with type 2 diabetes mellitus in China: Evidence from Hangzhou. *Experimental and Clinical Endocrinology and Diabetes*, (120):35-44.
3. **Chen, B.**, C. Bennett, O. Sartor, L. Norris, S. Xirasagar, Z. Qureshi, I. Lopez, A. Trenery, A. Murday, A. Kahn, J. Restaino, and D. Mattison (2012). A tale of two citizens: a state attorney general and a hematologist facilitate translation of research into FDA actions. *Journal of Oncology Practice*, 8:6.
4. **Chen, B.** and Y.T. Yang (2013), Post-Marketing Surveillance of Prescription Drug Safety: Past, Present, Future. *Journal of Legal Medicine*, 34:2, 193-213.
5. Chiu H.F., **B. Chen**, and C.Y. Yang (2013), Herpes zoster and subsequent risk of a cancer occurrence: A population-based study, *Journal of Epidemiology*, 23(3):205-210.
6. **Chen, B.**, and C.Y. Yang (2013), Temporal trend analysis of avoidable mortality in Taiwan, 1971-2008: Overall progress, with areas for further medical or public health investments. *BMC Public Health*, 13:551.
7. Magwood J.S., A.L. Leiby, **B. Chen**, S. Kessler, L. Norris, and C. Bennett (2013). Emerging drugs for treatment of anemia of chronic kidney disease. *Expert Opinion on Emerging Drugs*, (doi: 10.1517/14728214.2013.836490).
8. Yang, Y.T. and **B. Chen** (2014). Legal Considerations for Social Media Marketing by Pharmaceutical Industry. *Food and Drug Law Journal*, 69(1):39-51
9. **Chen, B.**, K. Eggleston, N. Shah, and J.D. Wang. (2014). An observational study of socioeconomic and clinical gradients among diabetes patients hospitalized for avoidable causes: evidence of underlying health disparities in China? *International Journal of Equity in Health*, 13:9
10. **Chen, B.** and C.Y. Yang (2014). Differences in Age-Standardized Mortality Rates for Avoidable Deaths based on Urbanization Levels in Taiwan, 1971-2008. *International Journal of Environmental Resources and Public Health*, 11(2), 1776-1793
11. **Chen, B.** and C.Y. Yang (2014). Mortality from Cancers of the Digestive System among Grand Multiparous Women in Taiwan, *International Journal of Environmental Resources and Public Health*, 11(4), 4374-4383
12. **Chen, B.** and C.Y. Yang. (2014). Increased Perception of Malpractice Liability and the Practice of Defensive Medicine, *Journal of Empirical Legal Studies*, 11(3). DOI: 10.1111/jels.12046
13. Lin, K.D., M.Y. Lee, C.C. Feng, **B. Chen**, and S.J. Shin. (2014). Residual effect of reductions in red blood cell count and haematocrit and haemoglobin levels after 10-month withdrawal of pioglitazone in patients with Type 2 diabetes, *Diabetic Medicine*, DOI: 10.1111/dme.12481
14. Bennett, C., **B. Chen**, et al. (2014) Regulatory and clinical considerations for biosimilar oncology drugs *The Lancet Oncology*, 11/2014; 15(13):1513:e594-e605. DOI:10.1016/S1470-20451470365-1
15. Lu, Z.K., S.J. Kessler, R. Schulz, J. Bian, **B. Chen**, J. Wu, V. Noxon, G. Rao, R. Leibnitz, J. Restaino, R. Fayad, S. Jacob, P. Georgantopoulos, O. Sartor, P.R. Yarnold, D. Huff, W.J.M. Hrushesky, D.W. Raisch, R. Albin, and C.L. Bennett (2014). Systemic approach to pharmacovigilance beyond the limits. The Southern Network on Adverse Reactions (SONAR) projects. *Adv Pharmacoeconom Drug Safety* 2014:3:149. Doi: 10.4172/2167-1052.1000149
16. Bennett, C., **B. Chen**, T. Hermanson, P. Georgantopoulos and O. Sartor (2015) Japanese regulatory authority's perspective on biosimilars – Authors' reply. *The Lancet Oncology*, 03/2015; 16(3). DOI:10.1016/S1470-2045(15)70047-1
17. Lee, Yu-Li, **B. Chen**, K.D. Lin, R.W. Su, M.Y. Lee, P.J. Hsiao and S.J. Shin (2015) The Impact of severe hypoglycemia on renal impairment in type 2 diabetes, *Diabetes Research and Clinical Practice*, DOI: 10.1016/j.diabres.2015.02.028.
18. **Chen, B.**, J. Hibbert, X. Cheng and K. Bennett (2015). Travel Distance and Sociodemographic Correlates of Potentially Avoidable Emergency Department Visits in California, 2006-2010: An Observational Study. *International Journal for Equity in Health*.14:30. DOI:10.1186/s12939-015-0158-y
19. **Chen, B.**, X. Cheng, K. Bennett, J. Hibbert (2015). Travel distances, socioeconomic characteristics, and health disparities in nonurgent and frequent use of Hospital Emergency Departments in South Carolina: a population-based observational study. *BMC Health Services Research*, 05/2015; 15(1):203. DOI:10.1186/s12913-015-0864-6
20. Yang, T.Y. and **B. Chen** (2015). Web Accessibility for Older Adults: A Comparative Analysis of Disability

- Laws. *The Gerontologist*, DOI:10.1093/geront/gnv057
21. Lu, Kevin, **B. Chen**, S. Li, O. Sartor, Z. Qureshi and C. Bennett (2015). Health Care Fraud. *The Sage Encyclopedia of Pharmacology and Society*.
  22. Yang, T.Y., **B. Chen**, and C. Bennett (2015). "Right-to-Try" Legislation: Progress or Peril? *Journal of Clinical Oncology*, DOI:10.1200/JCO.2015.62.8057
  23. **Chen, B.** and C.Y. Yang (2015). Parity, Age at First Birth, and Risk of Death from Non-Hodgkin's Lymphoma: A Population-Based Cohort Study in Taiwan. *International Journal of Environmental Research and Public Health*, 07/2015; 12(7):9131-40. DOI:10.3390/ijerph120809131
  24. Chang, C.K., S. Xirasagar, **B. Chen**, J. Hussey, and L.B. Lian (2015) Provider behavior under global budgeting and policy responses: An observational study on eye care services in Taiwan. *Inquiry*, DOI: 10.1177/0046958015601826
  25. Tippet, L. and **B. Chen** (2015). Association of Attorney Advertising and FDA Action with Prescription Claims: A Time Series Segmented Regression Analysis. *Drug Safety*, DOI: 10.1007/s40264-015-0340-6
  26. Yang, T.Y. and **B. Chen** (2015). Governing GMOs in the USA: Science, Law, and Public Health. *Journal of the Science of Food and Agriculture*, DOI: 10.1002/jsfa.7523
  27. **Chen, B.**, C.Y. Yang and T.Y. Yang (2015). Differences in Age-Standardized Mortality Rates for Avoidable Deaths Based on Township Income Quartiles in Taiwan, 1971-2008. *Journal of Public Health*, DOI: 10.1093/pubmed/fdv156
  28. Yang, T.Y., **B. Chen**, C. Bennett (2016). FDA Approval of Extended-Release Oxycodone for Children with Severe Pain. *Pediatrics*, 137.5 (2016): e20160205.
  29. Yang, C.Y, **B. Chen**, H.F. Chiu (2016). Satins Are Associated with a Reduced Risk of Brain Cancer: A Population-Based Case Control Study, *Medicine*, 95.17 (2016): e3392.
  30. Yang, T.Y. **B. Chen**, C. Bennett (2016). Medical Record Privacy and State Health Reform after Gobeille. *American Journal of Managed Care*, 2016 Jul;22(7):472-4
  31. **Chen, B.**, T.Y. Yang, X. Cheng, J. Bian and C. Bennett (2016). Successfully petitioning the FDA to improve pharmaceutical safety by ordinary citizens: A Descriptive Analysis. *PLOS One*, 11.5 (2016): e0155259.
  32. **Chen, B. K.**, Jalal, H., Hashimoto, H., Suen, S. C., Eggleston, K., Hurley, M., ... & Bhattacharya, J. (2016). Forecasting trends in disability in a super-aging society: Adapting the Future Elderly Model to Japan. *The Journal of the Economics of Ageing*, 8, 42-51
  33. Yang, Y. T., **Chen, B.**, & Bennett, C. L. (2016). Federal 340B Program Payment Scheme for Drugs Designated As Orphan Products: Congressional Clarification Needed to Close the Government-Industry Revolving Door. *Journal of Clinical Oncology*, 34(36), 4320-4322.
  34. **Chen\***, **B.**, T.Y. Yang\*, S. Nagai\*, R. Kane, Z. Qureshi, S. Kessler, D. Raisch, O. Sartor, T. Hermanson, J. Riente, L. Norris, L. Bobolts, J. Armitage, C. Bennett. "Generic oncology drugs: are they all safe?." *The Lancet Oncology* 17.11 (2016): e493-e501
  35. **Chen, Brian K.**, Paul J. Gertler, and Chun-Yuh Yang. "Physician ownership of complementary medical services." *Journal of Public Economics* 144 (2016): 27-39.
  36. **Chen, Brian K.**, Y. Tony Yang, and Karen Eggleston. "Patient Copayments, Provider Incentives, and Income Effects: Theory and Evidence From the Essential Medications List Under China's 2009 Healthcare Reform." *World Medical & Health Policy* 9.1 (2017): 24-44.
  37. Yang, Y. Tony, **Brian Chen**, and Tanya Wanchek. "Dental Therapists: A Solution to a Shortage of Dentists in Underserved Communities?." *Public Health Reports* (2017): 0033354917698114.
  38. Bian, J, **Chen B**, Hershman DL, et al. Effects of the US Food and Drug Administration Boxed Warning of Erythropoietin-Stimulating Agents on Utilization and Adverse Outcome. *Journal of Clinical Oncology* 2017;35:1945-51.
  39. Yang YT, **Chen B**, Bennett CL. Why California's Proposition 61 Was a Bad Idea. *The American journal of medicine* 2017;130:882-4.
  40. Noxon V, Knopf KB, Norris LB, **Chen B**, et al. Tale of Two Erythropoiesis-Stimulating Agents: Utilization, Dosing, Litigation, and Costs of Darbepoetin and Epoetin Among South Carolina Medicaid-Covered Patients With Cancer and Chemotherapy-Induced Anemia. *Journal of Oncology Practice* 2017;JOP. 2016.019364.
  41. Yang YT, **Chen B**, Bennett CL. Biosimilars—Curb Your Enthusiasm. *JAMA oncology* 2017.
  42. **Chen B**, Yang YT, Bennett CL. Challenges to Biosimilar Substitution. *JAMA*. 2017;318(12):1186. doi:10.1001/jama.2017.11930

43. Quan J, Zhang H, Pang D, **Chen B**, et al. Avoidable Hospital Admissions From Diabetes Complications In Japan, Singapore, Hong Kong, And Communities Outside Beijing. *Health Affairs* 2017;36:1896-903.
44. Yang, Y. T., **B. Chen**, CL Bennett (2018). "Thalidomide, Drug Safety, and Off-Label Prescribing: Lessons Learned From Celgene's Settlement." *JAMA Oncology*.
45. Chapman, C. G., S. Floyd, C. Thigpen, JM Tokish, **B. Chen**, JM Brooks (2018). "Treatment for Rotator Cuff Tear Is Influenced by Demographics and Characteristics of the Area Where Patients Live." *JBJS Open Access* 3(3).
46. Yang, Y. T. and **B. Chen** (2018). "Precision medicine and sharing medical data in real time: opportunities and barriers." *The American Journal of Managed Care* 24(8): 356-358.
47. **Chen, B.**, YT Yang, CL Bennett (2018). "Why Biologics and Biosimilars Remain So Expensive: Despite Two Wins for Biosimilars, the Supreme Court's Recent Rulings do not Solve Fundamental Barriers to Competition." *Drugs* 78(17): 1777-1781.
48. **Chen, B.**, YT Yang, CL Bennett (2018). "Early evidence from South Carolina's Medicare-Medicaid dual-eligible financial alignment initiative: an observational study to understand who enrolled, and whether the program improved health?" *BMC Health Services Research* 18(1): 913.
49. Jacob, S., J. Nichols, I. Macdougall, Z. Qureshi, **B. Chen**, YT Yang, LB Norris, CL Bennett, Charles L (2018). "Investigating Serious Adverse Drug Reactions in Patients Receiving Erythropoiesis-Stimulating Agents: A Root Cause Analysis Using the "ANTICIPATE" Framework." *American Journal of Therapeutics* 25(6): e670-e674.
50. **Chen, B.**, YT Yang, CL Bennett (2018). "Friction in the Path to Use of Biosimilar Drugs." *The New England Journal of Medicine* 378(22): 2148.
51. Nagai, S., **B. Chen**, CL Bennett (2018). "Regulatory and clinical experiences with biosimilar filgrastim in the United States, the European Union, Japan, and Canada." *The Oncologist*. DOI:10.1634/theoncologist.2018-0341.
52. Bennett, C., B. Schooley, M. Taylor, B. Witherspoon, A. Godwin, J. Vemula, H. Ausdenmoore, O. Sartor, Y. Tony Yang, J. Armitage, W. Hrushesky, J. Restaino, H. Thomsen, P. Yarnold, T. Young, K. Knopf, **B. Chen** (2019). "Caveat Medicus: Clinician experiences in publishing reports of serious oncology-associated adverse drug reactions." *PLOS One*, 14:e2019521
53. Tippet, E. and **B. Chen**, "Does Attorney Advertising Stimulate Adverse Event Reporting?" (2020), *Journal of Food Drug Law*.
54. Lee, M., Khan, M. M., Brandt, H. M., Salloum, R. G., & **Chen, B.** (2020). Effects of the Affordable Care Act on the Receipt of Colonoscopies among the Insured Elderly. *International Journal of Environmental Research and Public Health*, 17(1), 313.
55. Eggleston, K., **Chen, B. K.**, Chen, C. H., Chen, Y. I., Feenstra, T., Iizuka, T., ... & Newhouse, J. P. (2020). Are quality-adjusted medical prices declining for chronic disease? Evidence from diabetes care in four health systems. *The European Journal of Health Economics*, 1-14.
56. Schoen, Martin; S. Hoque; B. Witherspoon; B. Schooley; O. Sartor; Y.T. Yang; P. Yarnold; K. Knopf; W. Hrushesky; M. Dixon; C. Nabhan; **B. Chen**; C. Bennett. (2020). End of an era for erythropoiesis-stimulating agents in oncology. *International Journal of Cancer*, 146(10), 2829-2835.
57. **Chen, B.**, Cheng, X., Streetman-Loy, B., Hudson, M. F., Jindal, D., & Hair, N. (2020). Effect of care coordination on patients with Alzheimer disease and their caregivers. *The American Journal of Managed Care*, 26(11), e369-e375.
58. **Chen, B. K.**, Jindal, D., Yang, Y. T., Hair, N., & Yang, C. Y. (2020). Associations Between Physician Supply Levels and Amenable Mortality Rates: An Analysis of Taiwan Over Nearly 4 Decades. *Health services insights*, 13, 1178632920954878.
59. Webster, C. A., Starrett, A., Rehling, J., **Chen, B.**, Beets, M. W., & Weaver, R. G. (2020). Understanding Elementary Classroom Teachers' Use of Movement Integration Resources. In *Frontiers in Education* (Vol. 5, p. 56). Frontiers.
60. **Chen, B.**, Hoque, S., Schoen, M. W., Carson, K. R., Keller, J., Witherspoon, B. J., ... & Bennett, C. L. (2020). End of an era of administering erythropoiesis stimulating agents among Veterans Administration cancer patients with chemotherapy-induced anemia. *PLoS one*, 15(6), e0234541.
61. Bennett, C; Schoen, M; Hoque, S; Witherspoon, B; Abouafia, D; Hwang, K; Ray, P; Yarnold, P; **Chen, B**; Schooley, B; Taylor, M; Wyatt, M; Hrushesky, W; Yang, YT. (2020). "Improving oncology biosimilar launches in the EU, the USA, and Japan: an updated Policy Review from the Southern Network on Adverse Reactions." *The Lancet Oncology* 21(12): e575-e588.
62. Dugger, R., Rafferty, A., Hunt, E., Beets, M., Webster, C., Chen, B., ... & Weaver, R. G. (2020). Elementary classroom teachers' self-reported use of movement integration products and perceived

- facilitators and barriers related to product use. *Children*, 7(9), 143.
63. Kasajima, M., H. Hashimoto, SC Suen, **B. Chen**, H. Jalal, K. Eggleston, and J. Bhattacharya, "Future projection of the health and functional status of older people in Japan: A multistate transition microsimulation model with repeated cross-sectional data." *Health Economics* (2021).
  64. Iizuka, T., K. Nishiyama, **B. Chen** and K. Eggleston (2021). "False alarm? Estimating the marginal value of health signals." *Journal of Public Economics* **195**: 104368.
  65. **Chen, B.**, C. Chapman, S. B. Floyd, J. Mobley and J. Brooks (2021). "State medical malpractice laws and utilization of surgical treatment for rotator cuff tear and proximal humerus fracture: an observational cohort study." *BMC health services research* **21**(1): 1-11.
  66. Yang, Y. T. and **B. K. Chen** (2021). "Liability Waivers for COVID-19: Law, Policy, and Practice." *Journal of public health management and practice*. doi: 10.1097/PHH.0000000000001398. [Epub ahead of print] PubMed PMID: 34225303.
  67. **Chen, B.**; Silvestri, G.; Dahne, J. ; Lee, K ; Carpenter, M. (2022) "The Cost Effectiveness of Nicotine Replacement Therapy Sampling in Primary Care: A Markov Cohort Simulation Model." *Journal of General Internal Medicine*, 1-8.
  68. Yang, Y. T., & **Chen, B.** (2022). Imposing a Health Insurance Surcharge on the Unvaccinated. *American Journal of Managed Care*, 28(7).
  69. Brooks, J. M., Chapman, C. G., Floyd, S. B., **Chen, B. K.**, Thigpen, C. A., & Kissenberth, M. (2022). Assessing the ability of an instrumental variable causal forest algorithm to personalize treatment evidence using observational data: the case of early surgery for shoulder fracture. *BMC Medical Research Methodology*, 22(1), 1-16.
  70. Noochpoung, R., Hung, P., Hair, N. L., Putthasri, W., & **Chen, B.** (2022). Can a high-powered financial incentive programme reduce resignation rates among healthcare providers in rural areas? Evidence from Thailand's 2008 Hardship Allowance programme. *Health Policy and Planning*, 37(5), 624-633.
  71. **Chen, B.**, Floyd, S., Jindal, D., Chapman, C., & Brooks, J. (2022). What are the health consequences associated with differences in medical malpractice liability laws? An instrumental variable analysis of surgery effects on health outcomes for proximal humeral fracture across states with different liability rules. *BMC Health Services Research*, 22(1), 1-15.
  72. Lu, J. F. R., Chen, Y. I., Eggleston, K., Chen, C. H., & **Chen, B.** (2022). Assessing Taiwan's pay-for-performance program for diabetes care: a cost-benefit net value approach. *The European Journal of Health Economics*, 1-17.

#### Non peer-reviewed

1. **Chen, B.**, YT Yang, CL Bennett. (2018). "Whether Inter Partes Reviews Are Constitutional Or Not, The Biosimilar Patent Dance Must Go On." *Health Affairs Blog*. DOI:10.1377/hblog20180215.510428.

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#### INVITED PRESENTATIONS

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- American Law and Economics Association (San Diego 2009, Princeton 2010)
- Academy of Management (Chicago 2009)
- Canadian Law and Economics Association (Toronto 2009)
- O'Neill Institute/Georgetown Law Center (Washington D.C. 2009)
- Conference on Empirical Legal Studies ((poster) Los Angeles 2009; New Haven 2010)
- University of Texas at Austin Law School Law and Economics Seminar (Austin 2010)
- Stanford Asia Health Policy Program Seminar Series (Stanford 2010)
- Midwestern Law and Economics Association (Boulder 2010)
- American Society of Health Economists (Minneapolis 2012; Los Angeles 2014, Boston 2017)
- AcademyHealth (Baltimore 2013; Minneapolis 2015; Boston 2016; New Orleans 2017, Online 2021)
- American Public Health Association (Boston 2013; New Orleans 2014; Chicago 2015; Denver 2016; Atlanta 2017, San Diego 2018; Philadelphia 2019, Online 2020, Online/Denver 2021)
- National Bureau of Economic Research (Stanford 2014)

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#### FELLOWSHIPS AND AWARDS

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- Academy of Management Health Care Management Division Scholarship **2009**
- Nomination for Best Paper based on a Dissertation, Academy of Management Health Care Management Division **2009**

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- Sasakawa Fellowship **2006**
  - Melton Fellowship **2005**
  - Bradley Foundation Fellowship **2004**
  - John Harvard Scholarship received for highest academic distinction **1989-1991**
  - Phi Beta Kappa (Senior 24) **1991**
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**MEMBERSHIPS**

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- AcademyHealth
  - American Public Health Association
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**FUNDED GRANTS**

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- 1R01CA258669-01A1 (Dahne, Jennifer (PI)) 1/19/22– 12/31/26 0.9 CM  
 NCI  
 Title: Hybrid Type 1 Effectiveness-Implementation Trial of a Proactive Smoking Cessation Electronic Visit for Scalable Delivery via Primary Care  
 Goal: We propose a Hybrid Type I effectiveness-implementation trial to comprehensively assess e-visit effectiveness relative to TAU while simultaneously evaluating implementation when delivered across primary care settings. Effectiveness outcomes will be assessed through 6-months of follow-up and include: 1) evidence-based cessation treatment utilization, 2) reduction in cigarettes per day, and 3) biochemically verified 7-day point prevalence abstinence. Implementation outcomes will be assessed at patient, provider, and organizational levels.  
 Role: Co-Investigator (Economic Analysis)
- 1R01AG070004-01A1 (Pellegrini, Christine (PI)) 07/15/21– 06/30/22 0.9 CM  
 NIMH  
 Title: Physical Activity and Weight Loss to Improve Function and Pain after Total Knee Replacement  
 Goal: We propose to examine the effectiveness of a Patient-Centered (PACE) weight loss program in adults after TKR in a fully-powered, two-arm randomized controlled trial. Patients (n=250) will be randomized to receive either (1) PACE weight loss program or (2) Chronic Disease Self-Management (CDSM) control group. PACE participants will start the patient-centered program 12 weeks after TKR and continue for 12 months. PACE is tailored to the patients' needs and unique barriers to diet and physical activity.  
 Role: Co-Investigator (Economic Analysis)
- 2R42MH108219-02 (Dahne, Jennifer (PI)) 03/01/20– 02/28/23 0.9 CM  
 NIMH  
 Title: Development and Testing of a Behavioral Activation Mobile Therapy for Elevated Depressive Symptoms  
 Goal: The aims of this Phase II STTR are to 1) Refine Moodivate, a mobile therapy application for depressive symptoms, and develop the electronic health records (HER) provider portal, 2) Via a three-arm randomized controlled trial, examine the efficacy of Moodivate vs. Moodivate + EHR integration vs. treatment as usual, and 3) Conduct a cost-effectiveness analysis to quantify the financial benefits of Moodivate and Moodivate + EHR implementation within primary care.  
 Role: Co-Investigator (Economic Analysis)
- 1R01DK120490-01A1 (Beets, Michael (PI)) 08/20/19-05/31/24 0.6 CM  
 NIDDK \$630,590 (current costs)  
*Reducing Health Disparities in Childhood Obesity using Financial Incentives in Low-Income Households*  
 he proposed study builds upon the scientific literature that examines the effects of demand-side financing, such as financial incentives to improve adults' health behaviors and the use of vouchers/subsidies in low-income populations and developing countries, and applies this intervention approach to childhood obesity in low-income households.
- 5R21HD091394-02 (Weaver, R (PI)). 07/12/18-04/30/20 0.6 CM  
 NICHD \$219,750  
*Product Testing Movement Integration Products: What Works and What Doesn't*  
 The proposed study seeks to expand the evidence related to MI implementation by identifying teachers' preferred program attributes and developing a program based on those attributes. To do this we will draw upon product testing research techniques to test existing MI programs that are widely available and to identify which attributes of these MI programs make them more or less usable.
- 1R01CA16560901A1 (Bennett, Charles (PI)). 08/01/12-07/31/17 1.2 CM  
 NCI \$478,426 (annual costs)  
*Southern Network on Adverse Reactions (SONAR) – Focus on Tyrosine Kinase Inhibitors*  
 Application proposes to examine the factors associated with the identification and reporting of serious adverse drug reactions (sADRS) resulting from the use of tyrosine kinase inhibitors (TKIs) in the treatment of cancer. This is a highly significant area of research and would be first to systematically address adverse drug reactions from tyrosine

kinase inhibitors.

1R01HL122285-01 (Hebert, James (PI)). 05/01/14-04/30/18 .36 CM  
 NHLBI \$533,149  
*DIDACTIC: Dissemination and Implementation of a Diet and Activity Community Trial*

South Carolina has some of the largest health disparities in the nation, and these are invariably more extreme in African Americans (AA) compared to European Americans. The chronic diseases that present the greatest public health challenges are now known to be inflammation related, and AAs tend to have greater inherent sensitivity to inflammation modulators. The proposed dissemination and implementation research is based on our efficacious intervention trial, "Diet & Activity Community Trial: High-Risk Inflammation" [R24 MD002769- 01], which focused on diet, physical activity, and stress reduction in collaboration with the AA faith community to reduce inflammation (referred to as the HEALS intervention).

R01MD009738 (Sen, Souvik (PI)). 06/23/15 – 12/31/19 .9 CM  
 NHMID \$628,329  
 Title: PREMIERS: PeRiodontal treatment to Eliminate Minority InEquality and Rural disparities in Stroke  
 Goal: To improve the understanding of biological mechanisms of stroke disparities, including race and socioeconomic status, through improved periodontal care

Borchard Foundation (Chen, BK (PI)) 01/15/17-01/15/18. (No salary)  
 Center on Law and Aging \$19,694  
 Payment Integration and Care Coordination for Elderly Medicare-Medicaid Dual Eligibles with Chronic Illnesses: Evidence from the South Carolina Financial Alignment Demonstration Project  
 Proposal to analyze a new Centers for Medicare and Medicaid Services (CMS) demonstration project, authorized under the Affordable Care Act, that financially and clinically integrates Medicare and Medicaid for elderly dual eligibles in South Carolina (SC).

Institutional Research Grant (Chen, BK (PI)) 04/01/14-03/31/15 (No salary)  
 American Cancer Society Institutional Grant \$30,000  
*The Impact of Food and Drug Administration Safety Advisories and Expanded Legal Regulations*

Proposal to investigate the impact of FDA safety advisories (black box warnings) on the use and adverse event rates of Erythropoiesis Stimulating Agents.

Seed Grant (Chen, BK (PI)) 01/01/12-12/31/14 (No salary)  
 Institute for the Advancement of Health Care \$30,000  
*PREACT: Program to Reduce the Economic burden of Alzheimer's disease and Caregiver sTress*

Proposal to study the impact of an innovative continuum of care model for Alzheimer's patients on their utilization of costly health care services such as inpatient admission, emergency department utilization, nursing home placement, and health care spending. The study also investigates the effect of the care model on caregiver burden, quality of life, and health care utilization and expenditures.

Seed Grant (Chen, BK (PI)) 03/01/15-02/28/16 (No salary)  
 Center for Rehabilitation and Reconstruction Sciences \$121,000  
 This study aims to provide evidence of effects of State regulatory and legal changes on the delivery and cost of health care among Medicare enrollees.

Seed Grant (Chen, BK (PI)) 01/01/12-12/31/13  
 Institute for the Advancement of Health Care \$20,000  
 Proposal to study the impact of an innovative continuum of care model of Alzheimer's patients on their utilization of costly health care services such as inpatient admission, emergency department utilization, nursing home placement, and health care spending. The study also investigates the effect of the care model on the caregiver burden, quality of life, and health care utilization and expenditures

Office of Rural Health Policy (Probst (PI)) 09/01/12-08/31/16  
 Role: Co-Investigator (10% effort)  
 Description: The SCRHRC works to shed light on persistent inequities in health experienced by minority and poor populations in the rural US. Our goals include developing methods and conducting research that illuminates health status, health care needs, health services use and health outcomes among vulnerable rural residents.

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## TEACHING EXPERIENCE

**University of South Carolina, Columbia, South Carolina**  
 HSPM 724 – Health Law. Course in the law related to health care management. Topics include healthcare corporations, safety regulations, licensing, medical malpractice, self-

**2014**

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referrals and anti-kickback, antitrust, licensing, credentialing, contracts, constitutional law, and employment law.

**University of South Carolina, Columbia, South Carolina** **2011**

HSPM 818 – Economic Evaluation of Health Care Programs. Course in cost-effectiveness analysis, cost-utility analysis, and cost-benefit analysis, with an introduction to decision analysis.

**University of South Carolina, Columbia, South Carolina** **2012 - 2014**

HSPM 412 – Health Economics. Course in the economics of health care, including demand for health and health insurance, supply-side considerations (doctors, hospitals, pharmaceuticals), and health policy issues.

**University of California at Berkeley, Berkeley, California** **2007 - 2008**

*Graduate Student Instructor* – BA178 “Introduction to International Business” Developed unique pedagogical exercises incorporating the core concepts of the week’s lecture. Received an overall **rating average of 5.98 out of 7**

**University of California at Berkeley, Berkeley, California** **2004**

*Graduate Student Instructor* – BA107 “The Political and Social Environment of Business” Developed weekly exercises drawing from current events such the 2004 presidential elections to encourage student participation in section

**Kaohsiung Medical University, Kaohsiung, Taiwan** **2001-2003**

*Lecturer, “Introduction to Law”*  
Developed syllabus and overall course structure, incorporating audiovisual media and news stories relevant to legal doctrines taught in the course

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**MENTORING**

**Chair of doctoral dissertation committee**

- Jonathan Todd – The Effectiveness of Disease and Management for Diabetic High Utilizers of Health Care
- Mark Gordon – The Impact of South Carolina’s Prescription Drug Monitoring Program on Doctor Shopping
- Tony Brown – The Impact of Medicaid Policy Reforms on HIV Outcomes
- Dakshu Jindal – The Impact of Legal Incentives on Physical Therapy in Orthopedics
- Rakchanok Noochpoung – Can a high-powered financial incentive programme reduce resignation rates among healthcare providers in rural areas? Evidence from Thailand’s 2008 Hardship Allowance programme

**Doctoral dissertation committee**

- Oluwatosin Momodu – The Effect of Centering Pregnancy on Maternal Outcomes
- Yiwen Shi – The Effect of Payment for Acupuncture Services on Pain-Related Services
- Mazen Aziz – The Effectiveness of a Grant Funding Bootcamp Program
- Ashley Godwin – Market Segmentation and Targeted Messaging to Improve HPV Vaccine Intentions in the College Aged Population

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**PERSONAL**

- Music (both attending and performing), Piano, Dogs, Jogging, Swimming, Languages, Traveling, and International Cuisines
- Born in Seattle, Washington, attended high school in Hawaii, and have lived and worked in Europe, Asia, and both coasts of the United States

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**LANGUAGES**

- English, Mandarin Chinese – native languages
- French, Japanese – speak fluently and read/write with high proficiency