

**Boon Peng Ng, PhD**  
**University of Central Florida College of Nursing**  
 6825 Lake Nona Blvd  
 Orlando FL 32827  
 (407) 823-5018—Office  
 boonpeng.ng@ucf.edu

**EDUCATION**

<b>Year</b>	<b>Degree</b>	<b>Institution</b>	<b>Location</b>
2014	PhD	Wayne State University	Detroit, MI
2006	MA	Wayne State University	Detroit, MI
2000	MS	Michigan Technological University	Houghton, MI
1998	BS	Michigan Technological University	Houghton, MI

**EMPLOYMENT**

***ACADEMIC APPOINTMENTS***

<b>Years</b>	<b>Position</b>	<b>Institution</b>	<b>Location</b>
2024-Present	Associate Professor, Tenured	University of Central Florida, College of Nursing; UCF Disability Aging and Technology Cluster; UCF College of Medicine, Department of Population Health Sciences	Orlando, FL
2018-2024	Assistant Professor	University of Central Florida, College of Nursing; UCF Disability Aging and Technology Cluster	Orlando, FL

***OTHER APPOINTMENTS***

<b>Years</b>	<b>Position</b>	<b>Institution</b>	<b>Location</b>
2016-2018	Prevention Effectiveness Fellow (Health Economist)	Centers for Disease Control and Prevention, Division of Diabetes Translation	Atlanta, GA
2014-2016	Oak Ridge Institute for Science and Education Fellow (Data Analyst)	Centers for Disease Control and Prevention, Office of the Associate Director for Policy	Atlanta, GA
2000-2014	Technical Instructor	Ford Learning & Development, Ford Motor Company	Dearborn, MI

**AWARDS AND HONORS**

<b>Date</b>	<b>Award/Honor</b>	<b>Organization/Group</b>
2025	Teaching Incentive Program Award	College of Nursing, University of Central Florida. The TIP award recognizes in-unit employee contributions to UCF’s key goals of offering the best undergraduate

<b>Date</b>	<b>Award/Honor</b>	<b>Organization/Group</b>
		education available in Florida and achieving international prominence in key programs of graduate study.
2024	ADCES Research Award	Association of Diabetes Care & Education Specialists (ADCES). The ADCES Research Award recognizes outstanding work in the scientific area of diabetes care and education.
2023	FIRE Module Award	College of Medicine, University of Central Florida (for outstanding contributions to the College of Medicine FIRE Module).
2023	Early Career Abstract Award in the category of Public Health & Epidemiology	American Diabetes Association (ADA), 83rd Scientific Sessions. ADA is a national/international professional society network of nearly 12,000 healthcare professionals and more than 250 staff.
2023	Health Disparities Committee's Top 10 Recommended Abstracts (Senior author)	American Diabetes Association, 83rd Scientific Sessions. The 10 abstracts focus on health care disparities in diabetes outcomes, showcase research that explores the underlying factors in diabetes disparities, and demonstrate practical interventions that may contribute to eliminating those disparities.
2023	High quality online course designation of NUR 4837 Healthcare Issues, Policy, & Economics	The Center for Distributed Learning, University of Central Florida.
2023	Research Incentive Award	College of Nursing, University of Central Florida. The Research Incentive award recognizes in-unit employee contributions to UCF's key goal of achieving international prominence in research and creative activities.
2022	The National Health Disparities Committee's Top 10 Recommended Abstracts (lead/first author)	American Diabetes Association, 82nd Scientific Sessions.
2022	Invited to present and discuss the telehealth research	US Department of Health and Human Services' Office of Inspector General.
2022	Quality online course designation of NUR 4837 Healthcare Issues, Policy, & Economics	The Center for Distributed Learning, University of Central Florida.
2022	Excellence in Research Award	College of Nursing, University of Central Florida.
2021	Runner up of the 2021 CDC Health Economics Research Group Award	Centers for Disease Control and Prevention.
2020	Public Service Recognition Week- Public Service Star Award	Centers for Disease Control and Prevention. Recognized for my contributions to the CDC Division of Diabetes Translation, Translation Health Education and Evaluation Branch, Synthesis Translation and Applied Research Team

Date	Award/Honor	Organization/Group
2006, 2010	Graduate-Professional Scholarship	Wayne State University.

<b>RESEARCH AND SCHOLARSHIP</b>
---------------------------------

**PUBLICATIONS** \**data-based*; ^ *student co-author[s]*; *underlined text is hyperlinked*

**PEER-REVIEWED JOURNAL ARTICLES**

1. Nguyen, J., LaManna, J. B., Park, C., & **Ng, B.P.** (2025). Factors Associated with Confidence in Following Provider Recommendations for Lifestyle Changes to Manage High Blood Pressure Among Older U.S. Adults: A Cross-Sectional Study. *Journal of Ageing and Longevity*, 5(3), 31. <https://www.mdpi.com/2673-9259/5/3/31> \* ^ (**as a senior/corresponding author**)
2. Wu, I., Quelly, S. B., Chen, Z., & **Ng, B.P.** (2025). Characteristics of Older Adults Associated with Patient–Provider Communication About Health Improvement in the United States. *Journal of Ageing and Longevity*, 5(2), 14. <https://www.mdpi.com/2673-9259/5/2/14> \* ^ (**as a senior/corresponding author**)
3. Formagini, T., Rezwan, A., Rodriguez, D., Venkataramani, M., O'Brien, M. J., Arredondo, E., & **Ng, B.P.** (2025). Navigating CDC recognition for the National DPP in socially vulnerable communities: barriers, facilitators, and recommendations. *Arch Public Health*, 83(1), 57. <https://doi.org/10.1186/s13690-025-01532-4> \* ^ (**as a senior/corresponding author**)
4. Ojo, E.O., **Ng, B.P.**, Kim, D., Thiamwong, L. Is Technology-Based Fall Risk Assessment Associated with Technology Acceptance Among Community-Dwelling Older Adults? A Cross-Sectional Study. *Pac. Rim Int. J. Nurs. Res.* 2025, 29, 510–526, <https://doi.org/10.60099/prijnr.2025.273063> \* ^
5. Massey, M., Litten, K., Towne, S. D., Jr., Beleri, V., Park, C., & **Ng, B.P.** (2025). Lack of Prescription Drug Benefit Knowledge and Problems Paying Medical Bills Among Medicare Beneficiaries. *J Eval Clin Pract*, 31(1), e14290. <https://doi.org/10.1111/jep.14290> \* ^ (**as a senior/corresponding author**)
6. Formagini, T., Rodriguez, D., Rezwan, A., Naqvi, J. B., James O'Brien, M., & **Ng, B.P.** (2024). Social Vulnerability and National Diabetes Prevention Program Recognition Status. *Am J Prev Med*. <https://doi.org/10.1016/j.amepre.2024.08.018> \* ^ (**as a senior/corresponding author**)
7. Maynard, M., Flores, E. V., Paulson, D., Lichtenberg, P. A., & **Ng, B.P.** (2024). Perceived Financial Vulnerability, Wealth, and Wealth Change: The Health and Retirement Study. *Clin Gerontol*, 1-9. <https://doi.org/10.1080/07317115.2024.2393761> \* ^
8. **Ng, B.P.**, Hawkins, G. T., Massey, M., LaManna, J. B., & Park, C. (2024). Digital Divide Among Medicare Beneficiaries and the Diabetes Prevention Program. *Am J Prev Med*. <https://doi.org/10.1016/j.amepre.2024.06.019>. \* ^
9. **Ng, B.P.**, Ely, E. K., Papali'i, M., & Cannon, M. J. (2024). Delivering the National Diabetes Prevention Program: Assessment of Retention, Physical Activity, and Weight Loss Outcomes by Participant Characteristics and Delivery Modes. *Journal of Diabetes Research*. <https://doi.org/10.1155/2024/8461704> \*
10. Andre, E., Li, Y., Li, D., Carter, J. S., Donley, A., & **Ng, B.P.** (2024). Food Insecurity within a Public University and the Role of Food Assistance Programs Amid the Global Pandemic. *Social Sciences*, 13(1), 38. <https://doi.org/10.3390/socsci13010038>. \* ^
11. Komalasari, R., Thiamwong, L., Wangi, K., & **Ng, B.P.** (2024). Subjective Functional Difficulties Were Associated with Subjective Cognitive Decline Among U.S. Older Adults: Mentally Unhealthy Days Mediation and Income Level Moderation Effects. *SAGE Open Nurs*, 10, 23779608231226065. <https://doi.org/10.1177/23779608231226065>. \*
12. Massey, M., Stewart, M. P., LaManna, J. B., Park, C., & **Ng, B.P.** (2023). Food insecurity and glycemic goals among Medicare beneficiaries with type 2 diabetes. *Chronic Illn*, 17423953231217346. <https://doi.org/10.1177/17423953231217346>. \* ^ (**as a senior/corresponding author**)
13. Ely, E. K., **Ng, B.P.**, & Cannon, M. J. (2023). Delivering the National Diabetes Prevention Program: Assessment of Outcomes in In-Person and Virtual Organizations. *Journal of Diabetes Research*, 2023, 8894593. <https://doi.org/10.1155/2023/8894593>. \*

14. Park, C., Han, S., Litten, K. P., Mehta, S., & **Ng, B. P.** (2023). Prevalence of primary and secondary hypertension among hospitalized patients with cancer in the United States. *Chronic Illn*, 17423953231196613. <https://doi.org/10.1177/17423953231196613>. \*
15. Han, S., Sohn, T. J., **Ng, B.P.**, & Park, C. (2023). Predicting unplanned readmission due to cardiovascular disease in hospitalized patients with cancer: a machine learning approach. *Sci Rep*, 13(1), 13491. <https://doi.org/10.1038/s41598-023-40552-4>. \*
16. Massey, M., Zhong, Y., LaManna, J. B., & **Ng, B.P.** (2023). Food Insecurity Among Medicare Beneficiaries with Type 2 Diabetes: Implications for Diabetes Care and Education Specialists. *Sci Diabetes Self Manag Care*, 26350106231173674. doi:10.1177/26350106231173674. \* ^ (as a senior/corresponding author)
17. Zhong, Y. Y., Leung, X. Y., Sun, J., & **Ng, B.P.** (2023). The impacts of pandemic-related media coverage on workplace ageism among younger hospitality and tourism employees. *International Journal of Contemporary Hospitality Management*, ahead-of-print(ahead-of-print). doi:10.1108/IJCHM-11-2022-1351. \*
18. **Ng, B.P.**, Stewart, M. P., Kwon, S., Hawkins, G. T., & Park, C. (2023). Dissatisfaction of Out-of-Pocket Costs and Problems Paying Medical Bills Among Medicare Beneficiaries with Type 2 Diabetes. *Sci Diabetes Self Manag Care*, 49(2), 126-135. doi:10.1177/26350106231163516. \* ^
19. He, Q., Hawkins, G. T., Park, C., Han, S., LaManna, J. B., & **Ng, B. P.** (2023). Patient attitudes, experiences, and satisfaction with healthcare and office visit utilization among Medicare beneficiaries with type 2 diabetes. *Chronic Illn*, 17423953231158139. doi:10.1177/17423953231158139. \* ^ (as a senior/corresponding author)
20. He, Q., Keith, D., Eckhoff, D. O., Park, C., & **Ng, B.P.** (2023). Accessibility and Utilization of Telehealth Services During the COVID-19 Pandemic Among Medicare Beneficiaries by Diabetes Status. *Res Gerontol Nurs*, 1-13. doi:10.3928/19404921-20230301-01. \* ^ (as a senior/corresponding author)
21. **Ng, B.P.**, Peach, B. C., Keith, D., Park, C., & Li, Y. (2022). Factors Associated with Mental Health of Medicare Beneficiaries During the COVID-19 Pandemic. *Clin Gerontol*, 1-10. doi:10.1080/07317115.2022.2151962. \* ^
22. Chehal, P. K., Uppal, T. S., **Ng, B.P.**, Alva, M., & Ali, M. K. (2022). Trends and Race/Ethnic Disparities in Diabetes-Related Hospital Use in Medicaid Enrollees: Analyses of Serial Cross-sectional State Data, 2008-2017. *J Gen Intern Med*. doi:10.1007/s11606-022-07842-5. \*
23. Byun, J. Y., Park, S. K., **Ng, B.P.**, Liu, Y. S., Kim, C. R., & Park, C. (2022). A systematic review of economic evaluations of tyrosine kinase inhibitors for non-small cell lung cancer (NSCLC). *Expert Opin Pharmacother*, 23(11), 1247-1257. doi:10.1080/14656566.2022.2095203.
24. Park, C., Chang, C. A., **Ng, B.P.**, & Young, G. J. (2022). Cost-related medication nonadherence among Medicare beneficiaries with cardiovascular disease risk factors: The role of comprehension of the Medicare programme and its prescription drug benefits. *J Eval Clin Pract*. doi:10.1111/jep.13745. \*
25. Silverman, C., **Ng, B.P.**, Baek, C., & Park, C. (2022). Prescription drug coverage satisfaction and medication nonadherence among Medicare beneficiaries with cancer. *Expert Rev Pharmacoecon Outcomes Res*, 22(6), 971-979. doi:10.1080/14737167.2022.2064846. \* ^
26. Park, C., **Ng, B.P.**, & Kim, K. (2022). Inability to access health care due to COVID-19 among Medicare beneficiaries. *Am J Manag Care*, 28(2), 75-80. doi:10.37765/ajmc.2022.88823. \*
27. Cannon, M. J., **Ng, B.P.**, Lloyd, K., Reynolds, J., & Ely, E. K. (2022). Delivering the National Diabetes Prevention Program: Assessment of Enrollment in In-Person and Virtual Organizations. *J Diabetes Res*, 2022, 2942918. doi:10.1155/2022/2942918. \*
28. Park, C., Park, S.-K., Woo, A., & **Ng, B.P.** (2022). Health-related quality of life among elderly breast cancer patients treated with adjuvant endocrine therapy: a U.S Medicare population-based study. *Quality of Life Research*. doi:10.1007/s11136-021-03059-x. \*
29. **Ng, B.P.**, Park, C., Silverman, C. L., Eckhoff, D. O., Guest, J. C., & Díaz, D. A. (2022). Accessibility and utilization of telehealth services among older adults during COVID-19 pandemic in the United States. *Health Soc Care Community*. doi:10.1111/hsc.13709. \*
30. Hulbert, L. R., Zhang, X., **Ng, B.P.**, Nhim, K., Khan, T., & Cannon, M. J. (2021). Health Care Providers' Knowledge, Attitudes, and Practices and the Association with Referrals to the National Diabetes Prevention Program Lifestyle Change Program. *Am J Health Promot*, 8901171211044937. doi:10.1177/08901171211044937. \*

31. Li, Y., Wang, S., Cao, G., Li, D., & **Ng, B.P.** (2021). Disentangling racial/ethnic and income disparities of food retail Environments: Impacts on adult obesity prevalence. *Applied Geography*, 137, 102607. doi: <https://doi.org/10.1016/j.apgeog.2021.102607>. \*
32. Thiamwong, L., **Ng, B.P.**, Kwan, R.Y.U., Suwanno, J. (2021). Maladaptive Fall Risk Appraisal and Falling in Community-Dwelling Adults Aged 60 and Older: Implications for Screening. *Clin Gerontol*, 1-10. doi:10.1080/07317115.2021.1950254. \*
33. **Ng, B.P.** & Park, C. (2021). Accessibility of Telehealth Services During the COVID-19 Pandemic: A Cross-Sectional Survey of Medicare Beneficiaries. *Prev Chronic Dis*, 18, E65. doi:10.5888/pcd18.210056. \*
34. **Ng, B.P.** & Park, C. (2021). The Role of Media Sources for COVID-19 Information on Engaging in Recommended Preventive Behaviors among Medicare Beneficiaries Aged  $\geq 65$  Years. *J Gerontol B Psychol Sci Soc Sci*. doi:10.1093/geronb/gbab083. \*
35. Park, S.K., **Ng, B.P.**, Chun, H.K. & Park, C. (2021). Hospital outcomes of male breast cancer in the United States. *Am J Manag Care*, 27(6), e181-e187. doi:10.37765/ajmc.2021.88666. \*
36. He, Q., Silverman, C.L., Park, C., Tiu, G. F. & **Ng, B.P.** (2021). Prescription drug coverage satisfaction, cost-reducing behavior, and medication nonadherence among Medicare beneficiaries with type 2 diabetes. *J Manag Care Spec Pharm*, 27(6), 696-705. doi:10.18553/jmcp.2021.27.6.696. \* ^ (as a **senior/corresponding author**)
37. **Ng, B.P.**, Lu, J., Tiu, G. F., Thiamwong, L. & Zhong, Y. (2021). Bathroom modifications among community-dwelling older adults who experience falls in the United States: A cross-sectional study. *Health Soc Care Community*. doi:10.1111/hsc.13398. \* ^
38. Zimmerman, J., Soler, R. E., Lavinder, J., Murphy, S., Atkins, C., Hulbert, L., . . . **Ng, B.P.** (2021). Iterative guided machine learning-assisted systematic literature reviews: a diabetes case study. *Syst Rev*, 10(1), 97. doi:10.1186/s13643-021-01640-6.
39. **Ng, B.P.**, Wang, G., Laxy, M., Park, C., Ritchey, M. D., Fang, J., Soler, R. E., Smith, B. & Zhang, P. (2021). Medicaid Medical Costs Associated with Hypertension by Diabetes Status among Non-disability-based Women in Alabama. *Journal of Health Care for the Poor and Underserved*, 32(1), 523-536. doi:10.1353/hpu.2021.0038. \*
40. Chan, J. C. N., Lim, L.-L., Wareham, N. J., Shaw, J. E., Orchard, T. J., Zhang, P., . . . , **Ng, B.P.**, . . . , Gregg, E. W. (2021). The Lancet Commission on diabetes: using data to transform diabetes care and patient lives. *The Lancet*, 396(10267), 2019-2082. doi:10.1016/s0140-6736(20)32374-6.
41. **Ng, B.P.**, Laxy, M., Shrestha, S. S., Soler, R. E., Cannon, M. J., Smith, B. & Zhang, P. (2021). Prevalence and Medical Expenditures of Diabetes-related Complications Among Adult Medicaid Enrollees with Diabetes in Eight U.S. States. *Journal of Diabetes and Its Complications*, 35(3), 107814. doi: 10.1016/j.jdiacomp.2020.107814. \*
42. **Ng, B.P.**, Cheng, Y., Rutledge, S., Cannon, M. J., Zhang, P. & Smith, B. (2020). Estimated number of eligible Part B beneficiaries for the Medicare diabetes prevention program at the county level and by urban-rural classification. *PLoS One*, 15(11), e0241757. doi: 10.1371/journal.pone.0241757. \*
43. **Ng, B.P.**, Thiamwong, L., He, Q., Towne, S.D. & Li, Y. (2020). Discrepancies between Perceived and Physiological Fall Risks and Repeated Falls among Community-Dwelling Medicare Beneficiaries Aged 65 Years and Older. *Clin Gerontol*, 1-13. doi:10.1080/07317115.2020.1833267. \* ^
44. **Ng, B.P.**, Rabold, E., Guy, G. P., Park, C., Zhang, P. & Smith, B. (2020). Opioid dispensing among adult Medicaid enrollees by diabetes status. *Current Med Res Opinion*, 36(10), 1577-1581. doi:10.1080/03007995.2020.1815687. \*
45. **Ng, B.P.**, Lamanna, J.B., Towne, S.D., Peach, B.C., He., Q. & Park, C. (2020). Factors Associated with Avoiding Health Care Among Community-Dwelling Medicare Beneficiaries with Type 2 Diabetes. *Prev Chronic Dis*, 17, E128. doi:10.5888/pcd17.200148. \* ^
46. Cannon M. J., Masalovich, S., **Ng, B.P.**, Soler, R. E., Jabra, R., Ely, E. K. & Smith B. D. (2020). Retention Among Participants in the National Diabetes Prevention Program Lifestyle Change Program, 2012–2017. *Diabetes Care*, 43(9), 2042-2049. doi:10.2337/dc19-2366. \*
47. Laxy, M., Zhang, P., **Ng, B.P.**, Shao, h., Ali, M. K., Albright, A. L. & Gregg, E. W. (2020). Implementing Lifestyle Change Interventions to Prevent Type 2 Diabetes in US Medicaid Programs: Cost Effectiveness,

and Cost, Health, and Health Equity Impact. *Applied health economics and health policy*, 18(5), 713-726. doi:10.1007/s40258-020-00565-w. \*

48. Zhou, X., Siegel, K. R., **Ng, B.P.**, Jawanda, S., Proia, K., Zhang, X., Albright, A. L. & Zhang, P. (2020). Cost-effectiveness of Diabetes Prevention Interventions Targeting High-risk Individuals and Whole Populations: A Systematic Review. *Diabetes Care*, 43(7):1593. doi: 10.2337/dci20-0018.
49. Siegel, K. R., Ali, M. K., Zhou, X., **Ng, B.P.**, Jawanda, S., Proia, K., Zhang, X., Gregg, E. W., Albright, A. L. & Zhang, P. (2020). Cost-effectiveness of Interventions to Manage Diabetes: Has the Evidence Changed Since 2008? *Diabetes Care*, 43(7):1557-92. doi: 10.2337/dci20-0017.
50. Thiamwong, L., Stout, J.R., Sole, M.L., **Ng, B.P.**, Yan, X., Talbert, S. (2020). Physio-Feedback and Exercise Program (PEER) Improves Balance, Muscle Strength, and Fall Risk in Older Adults. *Res Gerontol Nurs*, 13(6), 289-296. doi:10.3928/19404921-20200324-01. \*
51. Thiamwong, L., Sole, M.L., **Ng, B.P.**, Welch, G.F., Huang, H.J., Stout, J.R. (2020). Assessing Fall Risk Appraisal Through Combined Physiological and Perceived Fall Risk Measures Using Innovative Technology. *J Gerontol Nurs*, 46(4), 41-47. doi:10.3928/00989134-20200302-01. \*
52. Park, C., Wang, G., **Ng, B.P.**, Fang, J., Durthaler, J.M., Ayala, C. (2020). The uses and expenses of antihypertensive medications among hypertensive adults. *Res Social Adm Pharm*, 16(2), 183-189. doi: 10.1016/j.sapharm.2019.05.002. \*
53. Thiamwong, L., Huang, H.J., **Ng, B.P.**, Yan, X., Sole, M.L., Stout, J.R., Talbert, S. (2020). Shifting Maladaptive Fall Risk Appraisal in Older Adults through an in-Home Physio-feedback and Exercise Program (PEER): A Pilot Study. *Clin Gerontol*, 43(4), 378-390. doi:10.1080/07317115.2019.1692120. \*
54. **Ng, B.P.**, Shrestha, S. S., Lanza, A., Smith, B., & Zhang, P. (2018). Medical expenditures associated with diabetes among adult Medicaid enrollees in eight states. *Prev Chronic Dis*, 15, E116. doi:10.5888/pcd15.180148. \*
55. **Ng, B.P.**, Jensen, G. A., & Fritz, H. (2017). Effects of Medicare coverage of a "Welcome-to-Medicare" visit on use of preventive services among new Medicare enrollees. *J Aging Res*, 2074810. doi:10.1155/2017/2074810. \*
56. **Ng, B.P.**, & Jensen, G. A. (2016). Health shocks and initiation of use of preventive services among older adults. *J Appl Gerontol*, 37(7), 856-880. doi:10.1177/0733464816657474. \*

### ***PUBLISHED ABSTRACTS***

1. **Ng, B.P.**, Lamanna, J., Thiamwong, N., Hawkins, G. T., Li, Y., & Park, C. (2025). EE437 Out-of-Pocket Health Care Spending Among Medicare Beneficiaries Before and During the COVID-19 Pandemic. *Value in Health*, 28(6), S142. <https://doi.org/10.1016/j.jval.2025.04.2035>
2. **Ng, B.P.**, LaManna, J., Hawkins, G. T., Towne S.D. Jr., Park, C. (2024). Medicare's Initial or Annual Wellness Visits and Participation of Diabetes Self-Management Education and Support among Medicare Beneficiaries with Type 2 Diabetes. \* [https://diabetesjournals.org/diabetes/article/73/Supplement\\_1/541-P/155131/541-P-Medicare-s-Initial-or-Annual-Wellness-Visits](https://diabetesjournals.org/diabetes/article/73/Supplement_1/541-P/155131/541-P-Medicare-s-Initial-or-Annual-Wellness-Visits)
3. **Ng, B.P.**, LaManna, J., Massey, M., Hawkins, G. T., Park, C. (2023). Digital Divide and Medicare Diabetes Prevention Program of Beneficiaries with Elevated BMI. \* [https://diabetesjournals.org/diabetes/article/72/Supplement\\_1/68-OR/150618/68-OR-Digital-Divide-and-Medicare-Diabetes](https://diabetesjournals.org/diabetes/article/72/Supplement_1/68-OR/150618/68-OR-Digital-Divide-and-Medicare-Diabetes)
4. **Ng, B.P.**, Ely, E., Smith, B., Cannon, M. J. (2022). Factors Associated with Weight Loss in the National Diabetes Prevention Program (National DPP). \* [https://diabetesjournals.org/diabetes/article/71/Supplement\\_1/920-P/145856](https://diabetesjournals.org/diabetes/article/71/Supplement_1/920-P/145856)
5. **Ng, B.P.**, Stewart, M. P., LaManna, J., Park, C. (2022). Food Insecurity and Glycemic Goals among Medicare Beneficiaries with Type 2 Diabetes. \* [https://diabetesjournals.org/diabetes/article/71/Supplement\\_1/1171-P/146518/1171-P-Food-Insecurity-and-Glycemic-Goals-among](https://diabetesjournals.org/diabetes/article/71/Supplement_1/1171-P/146518/1171-P-Food-Insecurity-and-Glycemic-Goals-among)
6. **Ng, B.P.**, Park, C. (2021). Medication Non-adherence and Health Literacy Among Medicare Beneficiaries with Type 2 Diabetes. \* [https://www.valueinhealthjournal.com/article/S1098-3015\(21\)00644-6/fulltext](https://www.valueinhealthjournal.com/article/S1098-3015(21)00644-6/fulltext)

7. **Ng, B.P.**, Towne S. D. Jr., LaManna, J., Kim, K. (2021). Comprehension of Medicare Program and Participation of Diabetes Self-Management Training among Medicare Beneficiaries with Diabetes. \* [https://diabetesjournals.org/diabetes/article/70/Supplement\\_1/482-P/140014/482-P-Comprehension-of-Medicare-Program-and](https://diabetesjournals.org/diabetes/article/70/Supplement_1/482-P/140014/482-P-Comprehension-of-Medicare-Program-and)
8. **Ng, B.P.**, Towne S.D. Jr., Lamanna J.B., Peach B.C., Park C. (2020). Health Care Avoidance and Diabetes-Related Care among Medicare Beneficiaries with Type 2 Diabetes. \* [https://diabetesjournals.org/diabetes/article/69/Supplement\\_1/1228-P/60979/1228-P-Health-Care-Avoidance-and-Diabetes-Related](https://diabetesjournals.org/diabetes/article/69/Supplement_1/1228-P/60979/1228-P-Health-Care-Avoidance-and-Diabetes-Related)
9. **Ng, B.P.**, Kim, K., LaManna, J., Tiu G.F., Li, Y. (2020). Food Insecurity, Participation of Diabetes Self-management Education and Support, and Physical Activity Among Medicare Beneficiaries with Type 2 Diabetes. \* [https://www.valueinhealthjournal.com/article/S1098-3015\(20\)30215-1/fulltext#relatedArticles](https://www.valueinhealthjournal.com/article/S1098-3015(20)30215-1/fulltext#relatedArticles)
10. **Ng, B.P.**, Peach B.C., Park C., Towne S.D., Lamanna J.B. (2019). Factors Associated with Health-Care Avoidance among Medicare Beneficiaries Aged 65 Years and Over with Reported Type 2 Diabetes. 2019;68 (Supplement 1). \* [https://diabetesjournals.org/diabetes/article/68/Supplement\\_1/1237-P/58971/1237-P-Factors-Associated-with-Health-Care](https://diabetesjournals.org/diabetes/article/68/Supplement_1/1237-P/58971/1237-P-Factors-Associated-with-Health-Care)
11. **Ng, B.P.**, Thiamwong, L., Dool, M. (2019). Characteristics of Combined Physiological Fall Risk and Perceived Fall Risk Assessments in Community-Dwelling Medicare Beneficiaries Aged 65 Years and Older. \* <https://academyhealth.confex.com/academyhealth/2019arm/meetingapp.cgi/Paper/30494>
12. **Ng, B.P.**, Shrestha, S., Soler, R., Smith, B., & Zhang, P. (2018). Excess medical expenditures associated with diabetes-related complications among adult Medicaid enrollees in eight U.S. states. *Diabetes*, 67(Supplement 1). \* [https://diabetesjournals.org/diabetes/article/67/Supplement\\_1/1277-P/54981/Excess-Medical-Expenditures-Associated-with](https://diabetesjournals.org/diabetes/article/67/Supplement_1/1277-P/54981/Excess-Medical-Expenditures-Associated-with)

### ***OTHER PUBLICATIONS***

1. Towne SD Jr, **Ng BP**, Reres A, Rigsby M, Lee C, Smith ML, Ory MG. (Online: 2024; Printed: 2023). Rural Healthy People 2030: Older Adults. Chapter 7. In: Ferdinand AO, Bolin JN, Callaghan T, Rochford HI, Lockman A, Johnson NY, eds. Rural Healthy People 2030. College Station, TX: Texas A&M University School of Public Health, Southwest Rural Health Research Center; 2023. Available at: <https://srhrc.tamu.edu/documents/rural-healthy-people-2030.pdf>
2. **Ng, B. P.**, Rutledge, S. & ICF (2020). Using County-level Data to Increase Access to and Enrollment in the Medicare Diabetes Prevention Program. Centers for Disease Control and Prevention. **CDC Official Website**. <https://www.cdc.gov/diabetes/programs/stateandlocal/resources/increasing-coverage.html>

### ***MEDIA RELATED TO RESEARCH AND SCHOLARSHIP***

#### ***Interviews/Media Contributions***

1. Factoring drug costs into diabetes decisions. (March 1, 2022). ACP internist magazine with Charlotte Huff. <https://acpinternist.org/archives/2022/05/factoring-drug-costs-into-diabetes-decisions.htm>
2. Digital access key to boosting diabetes self-management education uptake for older adults. (September 4, 2024). Endocrine today, Healio. <https://www.healio.com/news/endocrinology/20240904/digital-access-key-to-boosting-diabetes-selfmanagement-education-uptake-for-older-adults>
3. 30% Of Medicare Beneficiaries Unable to Participate Virtual Diabetes Prevention Program. (August 27, 2024). Open Minds. [30% Of Medicare Beneficiaries Unable To Participate Virtual Diabetes Prevention Program - OPEN MINDS](https://www.openminds.com/30-percent-of-medicare-beneficiaries-unable-to-participate-virtual-diabetes-prevention-program)
4. UCF Researcher Identifies Digital Divide Impacting Diabetes Care for Millions of At-risk Medicare Beneficiaries. (August 9, 2024). UCF Today. [UCF Researcher Identifies Digital Divide Impacting Diabetes Care for Millions of At-risk Medicare Beneficiaries | University of Central Florida News](https://www.ucf.edu/news/ucf-researcher-identifies-digital-divide-impacting-diabetes-care-for-millions-of-at-risk-medicare-beneficiaries)

#### ***Webinars; Livestream events***

1. Increasing Coverage for the National Diabetes Prevention Program Among Public and Private Insurers. (2020). Centers for Disease Control and Prevention. <https://www.youtube.com/watch?v=s5NVijqD47k&t=18s>
2. World Health Organization online event for World Diabetes Day 2020: The Lancet Commission on Diabetes. Presented by Prof Chan. <https://www.youtube.com/watch?v=nrwoaAkLVxo>

## **RESEARCH and GRANTS**

### ***RESEARCH GRANTS AND SCHOLARLY PROJECTS—FUNDED***

<b>Year</b>	<b>Title, Funding Agency, Role, Investigators</b>	<b>Amount</b>
2024-2025	Using translation research, data analysis and epidemiology to assess National DPP for diabetes prevention and management. Centers for Disease Control and Prevention (IPA1905303). Role: PI	\$56,998
2023-2028	Investigators from Novices, a Transdisciplinary Research Education Program to Increase Diversity (INTREPID) in Aging Research. National Institutes of Health (R25AG076410). Role: Faculty Mentor	\$18,105
2023-2027	Can Medicaid Managed Care mitigate race/ethnic health disparities in diabetes? (Collaboration with Emory University and Georgetown University) National Institutes of Health (R01MD017071). Role: Co-I (PI sub-award)	\$422,772
2022-2023	FW-HTF-P: Future of Geriatric Care: Immersive Virtual Patient Training for Nursing Assistants. (Collaboration with New Jersey Institute of Technology) National Science Foundation, NSF Grant # 2222662. Role: Advisor	\$2,000
2021	3D printer for healthcare procedural training and education. Genius Grant. Role: Co-I	\$10,010
2021-2025	Safe Transitions: Longitudinal Examination of Domestic Violence Transitional Housing Models on Survivor Outcomes (Collaboration with the UCF Violence Against Women Research Cluster's members) U.S. Department of Justice. Role: Advisor	\$3,732
2019, 2020, 2021, 2022, 2023	Using translation research, data analysis and epidemiology to assess National DPP and CMS data for diabetes prevention and management. Centers for Disease Control and Prevention (IPA1905303). Role: PI	\$170,778
2019-2022	Examine the characteristics, health and economic burdens of perceived fall risk and physiological fall risk assessments among racial/ethnic older US adults. Learning Institute for Elders at the University of Central Florida (LIFE). Role: PI	\$3,780
2019	Organizational Characteristics Associated with High and Low Performance on the Centers for Medicare and Medicaid Services' Sepsis Core Measure. Florida Nurses Foundation. Role: Co-I	\$500

<b>Year</b>	<b>Title, Funding Agency, Role, Investigators</b>	<b>Amount</b>
2018	Organizational Characteristics Associated with High and Low Performance on the Centers for Medicare and Medicaid Services' Sepsis Core Measure. Theta Epsilon Chapter of Sigma Theta Tau International. Role: Co-I	\$1,000

***RESEARCH, EDUCATIONAL, AND PROJECT APPLICATIONS SUBMITTED—NON-FUNDED***

<b>Year</b>	<b>Grant</b>
2025	Improving Cardioprotection with GLP-1 Receptor Agonists in Cancer Patients with Diabetes Receiving Cardiotoxic Chemotherapy. (Co-I) American Heart Association
2024	Assessing and Addressing Socio-Environmental Disparities in Accessibility to the National Diabetes Prevention Program from a Community Perspective. (PI) NIH R21
2024	Improving Cardioprotection using SGLT2 Inhibitors during HER2-Targeted Cancer Treatment in Patients with Cancer and Diabetes. (Co-I) NIH R21
2024	Examining the Immunological and Inflammatory Consequences of Nutritional Insecurity. (Co-I) Florida Department of Health James and Esther King Biomedical Research Program FY24-25
2023	BRinging the Community-Based Falls Prevention Program to Improve Global HealTh (BRIGHT). (Co-I) NIH R01
2023	Collaborative Research: FW-HTF-RL: Augmenting Nurse Practitioners' Clinical Decision-Making with Digital Twins of Expert Human Preceptors. (Sr. Personnel) NSF 23-543
2023	Using a state-wide model to examine geospatial and temporal clusters of health inequities among older adults with Alzheimer's and related Dementia. (Co-I) NIH R03
2022	Stopping Elderly Accidents, Deaths, and Injuries (STEADI) in Thailand: A Cultural Adaptation and Implementation Program. (Co-I) NIH R01
2022	Training Caregivers of Alzheimer's and Dementia Patients with Mixed Reality Simulation. (Co-I) a2 Pilot Awards
2022	Influence of Accountable Care Organizations on Racial/Ethnic Disparities in Diabetes Care and Outcomes Among Medicare Beneficiaries. (PI) NIH R03
2021	Light Physical Activity (LPA): association and correlation with health-related performance and outcomes, towards new PA guidelines for older adults. (Co-I) RRF Foundation for Aging: Responsive Grants
2021	Diabetes Self-Management Education and Support, Changes in Telehealth Policies, and Racial and Ethnic Disparities in Care. (PI) The Robert Wood Johnson Foundation
2021	Alzheimer's -related mortality by key indicators of health Inequities. (Co-I) Alzheimer's Association
2021	Falls and COVID-19 in Older Adults: Will Technology-Based Assessments and Physical Activity Coaching Help Bridge the Gap. (Co-I) Genius Grant
2020	Identifying Health Inequities among Vulnerable Older Adults with Alzheimer's Disease or related Dementia. Transdisciplinary research focused on health disparities among older adults. (Co-PI) NIH R03
2020	Identifying the geospatial distribution and temporal patterns of hospitalization and mortality among at-risk older adults with Alzheimer's and related Dementia. (Co-I) NIH R03

<b>Year</b>	<b>Grant</b>
2020	Public Health Simulation-Infused Program. (Co-I) Health Resources and Services Administration (HRSA)
2020	Collaborative Research: FW-HTF-RL: Agents for Workforce Empowerment via Skills, Organizational Memory, and Emotional Well-Being (AWESOME). (Sr. Personnel) NSF
2020	Machine learning methods to identify fall risk and associations among frailty and physical activity in older adults: Steps towards mitigating health consequences from the COVID-19 pandemic UCF COVID-19 Artificial Intelligence and Big Data Initiative. (Co-I) Seed Funding
2019	Evaluating impacts of Medicaid payment reform on diabetes across states (Collaboration with Emory University). (Co-I) NIH R18
2019	The impact of healthcare avoidance on health and economic burdens among Medicare population by diabetes status. (PI) National Institute for Health Care Management
2019	Identifying Potential Disparities among At-risk Older Medicare Beneficiaries with Alzheimer's and related Dementia. (Co-PI) UCF Seed Funding Program
2019	Identifying hotspots of Alzheimer's related hospitalization and mortality relative to vulnerable areas facing health disparities. (Co-I) NIH R03
2019	The Impact of Nurses' Knowledge, Beliefs, and Attitudes on Sepsis Quality Measure Compliance in Acute Care Settings. (Co-I) American Association of Critical-Care Nurses
2019	In-home Physio-Feedback Exercise pRogram (PEER) to reframe fall risk appraisal, improve balance and prevent falls in older adults. (Co-I) NIH R01
2018	Aging in Place: Targeted Approaches to Address Health Inequities among Vulnerable Adults. (Co-I) NIH R03
2018	Fear of falling and falls among ethnically diverse older adults: Characteristics, behaviors, and burden. (Co-PI) Center for Behavioral Health Research and Training (CBHRT) UCF

**PRESENTATIONS** (\*data-based; ^ student co-author[s]; Type—podium, poster, keynote, invited)

***NATIONAL***

<b>Month/Year</b>	<b>Title/Conference/Location</b>	<b>Type</b>
11/2025	Thiamwong, N., <b>Ng, B.P.</b> Medicare Savings Programs, Part D Low-Income Subsidy, and Characteristics of Medicare Beneficiaries. The Gerontological Society of America (GSA 2025) Annual Scientific Meeting. * ^ (as a mentor/senior author)	Poster
11/2025	Nguyen, B., <b>Ng, B.P.</b> Sociodemographic Factors and Access to Digital Resources Among Medicare Beneficiaries in Nonmetropolitan Area. The Gerontological Society of America (GSA 2025) Annual Scientific Meeting. * ^ (as a mentor/senior author)	Poster
11/2025	Chern, A., <b>Ng, B.P.</b> Factors Associated with Patient Satisfaction with Out-of-Pocket Costs for Medical Services Among Medicare Beneficiaries. The Gerontological Society of America (GSA 2025) Annual Scientific Meeting. * ^ (as a mentor/senior author)	Poster
08/2025	<b>Ng, B.P.</b> , LaManna, J., Litten, K., Hawkins, G.T., Park, C. Prevalence and Factors Associated with Urinary Incontinence among Medicare Beneficiaries with Type 2 Diabetes. Association of Diabetes Care & Education Specialists (ADCES) 2025 Annual Conference. *	Poster

05/2025	<b>Ng, B.P.</b> , LaManna, J., Thiamwong, N., Hawkins, G.T., Li, Y., Park, C. Out-Of-Pocket Health Care Spending Among Medicare Beneficiaries Before and During the COVID-19 Pandemic * ^	Poster
05/2025	Hahn, J., <b>Ng, B.P.</b> Influence of Internet Use on Welcome to Medicare or Annual Wellness Visit Utilization Among Medicare Beneficiaries with Type 2 Diabetes. Society of General Internal Medicine, SGIM 2025 Annual Meeting * ^ (as a mentor/senior author)	Poster
08/2024	<b>Ng, B.P.</b> , LaManna, J., Hawkins, G.T., Park, C. Digital Divide and Diabetes Self-management Education and Support among Medicare Beneficiaries. Association of Diabetes Care & Education Specialists (ADCES) 2024 Annual Conference. *	Podium
06/2024	Massey, M., Nguyen, J., <b>Ng, B.P.</b> Online Presence and Accessibility of the National Diabetes Prevention Program in Socially Vulnerable Communities. American Diabetes Association, 84 <sup>th</sup> Scientific Sessions. * ^ (as a mentor/senior author)	Poster
06/2024	<b>Ng, B.P.</b> , LaManna, J., Hawkins, G.T., Towne S. D. Jr., Park, C. Medicare's Initial or Annual Wellness Visits and Participation of Diabetes Self-management Education and Support among Medicare Beneficiaries with Type 2 Diabetes. American Diabetes Association, 84 <sup>th</sup> Scientific Sessions. *	Poster
05/2024	<b>Ng, B.P.</b> , Hawkins, G.T., LaManna, J., Li, Y., Park, C. Out-Of-Pocket Health Care Spending Among Medicare Beneficiaries by Sex, Age, and Race/Ethnicity. International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting 2024. *	Poster
05/2024	Wu, I., <b>Ng, B.P.</b> Characteristics of Medicare Beneficiaries Associated with Patient-Provider Communication About Health Improvement. Society of General Internal Medicine, SGIM 2024 Annual Meeting * ^ (as a mentor/senior author)	Poster
06/2023	<b>Ng, B.P.</b> , LaManna, J., Massey, M., Hawkins, G.T., Park, C. Digital Divide and Medicare Diabetes Prevention Program of Beneficiaries with Elevated BMI. American Diabetes Association, 83rd Scientific Sessions * ^	Podium
06/2023	Cannon, M. J., <b>Ng, B.P.</b> , Ely, E. Variation in Physical Activity and Weight Loss by Demographic Characteristics among Participants in the National Diabetes Prevention Program. American Diabetes Association, 83rd Scientific Sessions *	Poster
06/2023	Farag, T. F., Rezwan, A., Rodriguez, D., <b>Ng, B.P.</b> Social Vulnerability Index and Recognition Status with the National Diabetes Prevention Program (National DPP). American Diabetes Association, 83rd Scientific Sessions * ^ (as a mentor/senior author)	Poster
06/2023	Farag, T. F., Rezwan, A., Rodriguez, D., <b>Ng, B.P.</b> Experiences of Community and Healthcare Organizations Delivering the National DPP Lifestyle Change Program. American Diabetes Association, 83rd Scientific Sessions * ^ (as a mentor/senior author)	Poster
05/2023	Keith, D., <b>Ng, B.P.</b> The Effects of Patient-Provider Communication on Medication Nonadherence Among Medicare Beneficiaries with Type 2 Diabetes. Society of General Internal Medicine, SGIM 2023 Annual Meeting * ^ (as a mentor/senior author)	Poster
05/2023	Han, S., <b>Ng, B.P.</b> , Park, C. Comorbidity Patterns Among Older Women with Breast Cancer: A 10-year Cohort Study Using an Unsupervised Machine	Poster Tour Presentation

	Learning Approach. International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting 2023. *	
02/2023	Park, C., Han, S., <b>Ng, B.P.</b> Using Machine Learning to Predict Unplanned Readmission due to Cardiovascular Disease Among Hospitalized Patients with Cancer. The American Heart Association's Epidemiology, Prevention, Lifestyle & Cardiometabolic Health Scientific Sessions 2023 *	Poster
09/2022	Park, C., Han, S., Litten, K., <b>Ng, B.P.</b> Prevalence of Comorbid Hypertension Among Hospitalized Patients with Cancer: Results from U.S. Population-Based Inpatient Database. American Heart Association (AHA) Hypertension 2022 Scientific Sessions *	Poster
06/2022	<b>Ng, B.P.</b> , Stewart, M.P., Park, C., Hawkins, G.T., Park, C., Kwon, S. Dissatisfaction of Out-of-Pocket Costs and Problems Paying Medical Bills Among Medicare Beneficiaries with Type 2 Diabetes. American Society of Health Economists, 11th Annual Conference *	Podium
06/2022	<b>Ng, B.P.</b> , Litten, K., Park, C., Towne S. D. Jr., Hawkins, G.T. Lack of Confidence in Coverage Plan and Dissatisfaction of Out-of-Pocket Costs Among Factors Associated with Inability to Pay Medical Bills for Medicare Beneficiaries. AcademyHealth, 39th Annual Research Meeting *	Poster
06/2022	<b>Ng, B.P.</b> , Stewart, M.P., LaManna, J., Park, C. Food Insecurity and Glycemic Goals among Medicare Beneficiaries with Type 2 Diabetes. American Diabetes Association, 82nd Scientific Sessions *	Poster
06/2022	<b>Ng, B.P.</b> , Ely, E., Smith, B., Cannon, M. J. Factors Associated with Weight Loss in the National Diabetes Prevention Program (National DPP). American Diabetes Association, 82nd Scientific Sessions *	Poster
03/2022	Towne, S.D. Jr., <b>Ng, B.P.</b> , Reres, A., Oetjen D., Oetjen R., Hou S. Social, and structural determinants of access to medical care among Medicare Beneficiaries. 2022 American Academy of Health Behavior *	Poster
06/2021	<b>Ng, B.P.</b> , Peach, B., Park, C. The role of media sources for health information on COVID-19 testing among Medicare beneficiaries. AcademyHealth, 38th Annual Research Meeting, Virtual *	Poster
06/2021	<b>Ng, B.P.</b> , Towne S. D. Jr., LaManna, J., Kim, K. Comprehension of Medicare Program and Participation of Diabetes Self-Management Training among Medicare Beneficiaries with Diabetes. American Diabetes Association, 81st Scientific Sessions, Virtual *	Poster
06/2021	Zhang, X., Cannon, M. J., <b>Ng, B.P.</b> , Ely, E. Attrition Rates among Participants in the National Diabetes Prevention Program: Variation by Organization Type, State, and Region. American Diabetes Association, 81st Scientific Sessions, Virtual *	Poster
06/2021	Zhang, X., Cannon, M. J., <b>Ng, B.P.</b> , Ely, E. The Relationship between Education Attainment and Attrition Rates among Participants in the National Diabetes Prevention Program. American Diabetes Association, 81st Scientific Sessions, Virtual *	Poster
05/2021	<b>Ng, B.P.</b> , Park, C. Medication Non-adherence and Health Literacy Among Medicare Beneficiaries with Type 2 Diabetes. International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting 2021, Virtual *	Poster
02/2021	Park, C., Chang, A., <b>Ng, B.P.</b> Cost-related Medication Nonadherence among Medicare Beneficiaries with Cardiovascular Disease Risk Factors: The Role	Podium

	of Comprehension of the Medicare Program and Its Prescription Drug Benefit. Association for Marketing and Health Care Research Conference, 40th Annual Conference, Virtual *	
06/2020	Peach B., <b>Ng, B.P.</b> Organizational Factors Associated with Sepsis Bundle Compliance: A Nationwide Study. AcademyHealth, 37th Annual Research Meeting, Virtual *	Podium
06/2020	<b>Ng, B.P.</b> , LaManna, J., Towne, S. D. Jr, Peach, B., Park, C. Health Care Avoidance and Diabetes-Related Care among Medicare Beneficiaries with Type 2 Diabetes. American Diabetes Association, 80th Scientific Sessions, Virtual *	Poster
05/2020	<b>Ng, B.P.</b> , Kim, K., LaManna, J., Tiu G.F., Li, Y. Food Insecurity, Participation of Diabetes Self-management Education and Support, and Physical Activity Among Medicare Beneficiaries with Type 2 Diabetes. International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting 2020, Virtual *	Podium
05/2020	He, Q., Tiu, G. F., <b>Ng, B.P.</b> Factors Associated with Medication Non-adherence Among Medicare Beneficiaries with Type 2 Diabetes. International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting 2020, Virtual * ^	Poster
05/2020	Park S. K., <b>Ng, B.P.</b> , Chun, H. K., Park, C. Hospital Utilization and Costs of Male Breast Cancer Patients in The United States: An Analysis of Nationwide Inpatient Sample. International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting 2020, Virtual *	Poster
11/2019	Thiamwong, L., <b>Ng, B.P.</b> Characteristics of maladaptive fall risk appraisal among older adults aged 60 years and older. The Gerontological Society of America's 71st Annual Scientific Meeting, Austin, Texas *	Poster
06/2019	<b>Ng, B.P.</b> , Peach, B., Park, C, Towne, S. D. Jr, LaManna, J. Factors Associated with Health-Care Avoidance among Medicare Beneficiaries Aged 65 Years and Over with Reported Type 2 Diabetes. American Diabetes Association, 79th Scientific Sessions, San Francisco, CA *	Moderated Poster Discussion
06/2019	<b>Ng, B.P.</b> , Thiamwong, L., Dool, M. Characteristics of Combined Physiological Fall Risk and Perceived Fall Risk Assessments in Community-Dwelling Medicare Beneficiaries Aged 65 Years and Older. AcademyHealth, 36th Annual Research Meeting, Washington D.C * ^	Poster
05/2019	Park, C., <b>Ng, B.P.</b> , Briesacher, B. A. Factors Associated with avoiding Healthcare among Adults with Hypertension: An Analysis of the 2015 Medicare Current Beneficiary Survey. International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting 2019, New Orleans, LA *	Poster
06/2018	<b>Ng, B.P.</b> , Shrestha, S. S., Lanza, A., Smith, B., & Zhang, P. Medical Expenditures Associated with Diabetes Among Adult Medicaid Enrollees in Eight States. AcademyHealth, 35th Annual Research Meeting, Seattle, WA *	Poster
06/2018	Laxy, M., Zhang, P., <b>Ng, B.P.</b> , Shao, H., Ali, M. K., & Gregg, E. W. The impact of insurance status on quality of diabetes care in the United States. AcademyHealth, 35th Annual Research Meeting, Seattle, WA *	Poster
06/2018	Laxy, M., Zhang, P., <b>Ng, B.P.</b> , Shao, H., Ali, M. K., & Gregg, E. W. Health Benefits and Cost Impact of Paying for Type 2 Diabetes Prevention Lifestyle Programs in Medicaid Beneficiaries. AcademyHealth, 35th Annual Research	Poster

	Meeting, Seattle, WA *	
06/2018	Laxy, M., Zhang, P., Shao, H., <b>Ng, B.P.</b> , Ali, M. K., & Gregg, E. W. Cost-Effectiveness of Structured Lifestyle Programs for Diabetes Prevention in the Medicaid Population. American Diabetes Association, 78th Scientific Sessions, Orlando, FL *	Podium
06/2018	<b>Ng, B.P.</b> , Shrestha, S., Soler, R., Smith, B., & Zhang, P. Excess Medical Expenditures Associated with Diabetes-Related Complications among Adult Medicaid Enrollees in Eight U.S. States. American Diabetes Association, 78th Scientific Sessions, Orlando, FL *	Poster
06/2018	Wang, G., <b>Ng, B.P.</b> , Park, C., Fang, J., Ritchey, M., Soler, R., & Zhang, P. Hypertension-Associated Medical Expenditures by Diabetes Status among Adult Female Medicaid Enrollees in Alabama. American Diabetes Association, 78th Scientific Sessions, Orlando, FL *	Poster
06/2018	Siegel, K. R., Zhou, X., <b>Ng, B.P.</b> , Jawanda, S., Proia, K., Zhang, X., & Zhang, P. Cost-Effectiveness of Interventions to Prevent and Manage Diabetes—A Systematic Review and Update. American Diabetes Association, 78th Scientific Sessions, Orlando, FL	Moderated Poster Discussion

**REGIONAL**

<b>Month/Year</b>	<b>Title/Conference/Location</b>	<b>Type</b>
02/2019	<b>Ng, B.P.</b> , Thiamwong, L., Herr, L M. Does a Level of Activity of Daily Living Predict Repeated Falls among Community-Dwelling Medicare Beneficiaries Aged 65 Years and Older? SNRS 33rd Annual Conference, Orlando, FL * ^	Poster Discussion

**STATE/LOCAL**

<b>Month/Year</b>	<b>Title/Conference/Location</b>	<b>Type</b>
10/2024	Nguyen, J., <b>Ng, B.P.</b> Factors Associated with Confidence in Following Provider Recommendations for Lifestyle Changes to Control Blood Pressure Among Medicare Beneficiaries. The 35th Annual FGS Conference, FL *^ (as a mentor/senior author)	Poster
09/2023	Bateh, J., <b>Ng, B.P.</b> Factors Associated with healthcare instructions provided to Medicare beneficiaries. The 34th Annual FGS Conference, FL *^ (as a mentor/senior author)	Poster
03/2023	Towne, S.D. Jr., <b>Ng B. P.</b> , Reres, A., Oetjen, D., Oetjen, R., Hou, S. Social and Structural Determinants of Health Inequities: Complex Disparities in Accessing Medical Care among Medicare Beneficiaries in the US. UCF CCIE Research and Impact Showcase. *	Poster
04/2020	Peach, B.C., <b>Ng, B.P.</b> Organizational Factors Associated With SEP-1 Sepsis Measure Compliance. Sigma Theta Tau Theta Epsilon Chapter 28th, Orlando, FL *	Podium
03/2020	He, Q., <b>Ng, B.P.</b> Patient Attitudes, Experiences toward Health Care, and the Frequency of Office Visits among Medicare Beneficiaries with Type 2 Diabetes. UCF Student Union- Pegasus Ballroom, Orlando, FL * ^ (as a mentor/senior author)	Poster

**TEACHING-RELATED ACTIVITIES**

## **PROJECT ADVISEMENT AND MENTORING**

### ***GRADUATE DISSERTATION / THESIS / PROJECT ADVISING***

<b>Dates</b>	<b>Student</b>	<b>Title</b>	<b>Role</b>
2019-2020	Eugene Waterval (PhD)	The Effect of Acuity-Based Nurse Staffing on Nursing Medication Errors	Committee Member
2021-2023	Daniel Keith (FIRE, College of Medicine)	Patient-provider Communication and Medication Non-adherence among Medicare Beneficiaries with Type 2 Diabetes	Chair/Primary Research Mentor
2021-2023	McKayla Massey (FIRE, College of Medicine)	The Relationship Between Food Insecurity, Treatment Adherence, and Health Outcomes Among Medicare Beneficiaries with Type 2 Diabetes	Chair/Primary Research Mentor
2021-2023	Vasiliki Beleri (FIRE, College of Medicine)	Factors associated with Inability to Pay Medical Bills among Medicare Beneficiaries	Chair/Primary Research Mentor
2022-2024	Ingrid Wu (FIRE, College of Medicine)	Characteristics Associated with Elicitation of Patient Ideas for Health Improvement	Chair/Primary Research Mentor
2022-2024	Ricky Bateh (FIRE, College of Medicine)	Factors Associated with healthcare instruction provided to Medicare beneficiaries	Chair/Primary Research Mentor
2022-2025	Aleatha Rossler (PhD)	Fear of Falling and Irrational Fall Risk Appraisal in the Community-dwelling Older Adult	Committee Member
2023-2025	Jordan Nguyen (FIRE, College of Medicine)	Socio-demographics, Health Status, and Confidence in Controlling Blood Pressure among Medicare Beneficiaries with Hypertension	Chair/Primary Research Mentor
2023-2025	Jaeyi Hahn (FIRE, College of Medicine)	Welcome to Medicare or Annual Wellness Visit Utilization Among Medicare Beneficiaries with Type 2 Diabetes	Chair/Primary Research Mentor
2024-2026	Irene Jerish (FIRE, College of Medicine)	Factors Associated with Internet Utilization for Provider Communication and Prescription Among Medicare Beneficiaries	Chair/Primary Research Mentor
2024-2026	Brian Nguyen (FIRE, College of Medicine)	Sociodemographic factors and access to digital tools among Medicare beneficiaries in nonmetro areas	Chair/Primary Research Mentor
2024-2026	Andrew Chern (FIRE, College of Medicine)	Factors Associated with Patient Satisfaction with Out-of-Pocket Costs for Medical Services Among Medicare Beneficiaries	Chair/Primary Research Mentor
2024-2025	Eunice O. Ojo (PhD)	Technology-based fall risk assessments in community dwelling older adults with cognitive impairment.	Committee Member
2025-	Sabrina Ronco (PhD)	Health Information Competence and Psychological Well-being among Black Pregnant Women	Committee Member
2025-2027	Nicholas Sherwin (FIRE, College of Medicine)	Information Communication Technologies, Sociodemographic Factors, and Internet Utilization for Healthcare Needs Among Medicare Beneficiaries with Type 2 Diabetes	Chair/Primary Research Mentor

<b>Dates</b>	<b>Student</b>	<b>Title</b>	<b>Role</b>
2025-2027	Danielle Bondoc (FIRE, College of Medicine)	Trends and associated factors influencing Influenza Vaccination Uptake among Medicare Beneficiaries	Chair/Primary Research Mentor
2025-2027	Sarah Ahmad (FIRE, College of Medicine)	Factors Associated with Home Blood Pressure Monitoring (HBPM) Among Patients with Hypertension	Chair/Primary Research Mentor

### ***HONORS UNDERGRADUATE THESIS (HUT) / OTHER PROJECT ADVISING***

<b>Dates</b>	<b>Student</b>	<b>Title</b>	<b>Role</b>
2021-2022	Oscar Garcia	A mixed methods study on levels of physical activity and degree of fear of falling in older adults	Committee Member
2024-2025	Nicha Thiamwong	Trends and Characteristics of Medicare Beneficiaries Associated with the Dual Eligibility and Part D Low-Income Subsidy	Chair

### **COURSES TAUGHT**

#### ***University of Central Florida, College of Nursing***

<b>Semester / Year</b>	<b>Course</b>	<b>Course Title</b>	<b>Enrolled</b>	<b>Program</b>
Spring 2019	NUR 4837	Health Care Issues, Policy & Economics	34	Undergraduate
Fall 2019	NUR 4837	Health Care Issues, Policy & Economics	35	Undergraduate
Summer 2019	NUR 4912	Research	1	Undergraduate
Spring 2020	NUR 4837	Health Care Issues, Policy & Economics	14	Undergraduate
Fall 2020	NUR 4837	Health Care Issues, Policy & Economics	34	Undergraduate
Spring 2021	NUR 4837	Health Care Issues, Policy & Economics	41	Undergraduate
	NGR 7939	Dissertation Seminar (Guest Instructor)	3	Graduate
Fall 2021	NUR 4837	Health Care Issues, Policy & Economics	29	Undergraduate
Spring 2022	NUR 4837	Health Care Issues, Policy & Economics	30	Undergraduate
	NGR 7817	Quantitative Methods for Nursing and Healthcare I	3	Graduate
	NGR 7939	Dissertation Seminar (Guest Instructor)	8	Graduate
Fall 2022	NUR 4837 0W61	Health Care Issues, Policy & Economics	33	Undergraduate
	NUR 4837 0W65	Health Care Issues, Policy & Economics	30	Undergraduate
Spring 2023	NGR 7817	Quantitative Methods for Nursing and Healthcare I	8	Graduate
	NGR 7812	Advanced Study Design and Methods (Guest Instructor)	4	Graduate
Summer 2023	NGR 6098	Independent Study	1	Graduate

<b>Semester / Year</b>	<b>Course</b>	<b>Course Title</b>	<b>Enrolled</b>	<b>Program</b>
Fall 2023	NUR 4837 0W61	Health Care Issues, Policy & Economics	32	Undergraduate
Spring 2024	NUR 4837 0W61	Health Care Issues, Policy & Economics	36	Undergraduate
	NUR 4837 0W62	Health Care Issues, Policy & Economics	22	Undergraduate
	NGR 7817	Quantitative Methods for Nursing and Healthcare I	9	Graduate
	NGR 7812	Advanced Study Design and Methods (Guest Instructor)	4	Graduate
Summer 2024	NGR 7919	Doctoral Research	1	Graduate
Fall 2024	NGR 7818	Quantitative Methods for Nursing and Healthcare II	8	Graduate
Spring 2025	NGR 7817	Quantitative Methods for Nursing and Healthcare I	11	Graduate
	NGR 7812	Advanced Study Design and Methods (Guest Instructor)	6	Graduate
	NUR 4912	Research	1	Undergraduate
Summer 2025	NGR 7919	Doctoral Research	1	Graduate
Fall 2025	NGR 7818	Quantitative Methods for Nursing and Healthcare II	7	Graduate
	NUR 4903H	Honors Directed Readings I	1	Undergraduate
	NUR 4837 0W65	Health Care Issues, Policy & Economics	31	Undergraduate

<b>SERVICE-RELATED ACTIVITIES</b>
-----------------------------------

**PEER REVIEW ACTIVITIES**

***ABSTRACT REVIEWS***

<b>Date</b>	<b>Organization</b>
2020	International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Asia Pacific 2020 (9 abstracts)
2020	ISPOR Europe 2020 (20 abstracts)
2021	ISPOR 2021 (15 abstracts)
2021	ISPOR 2021 (Research Podium Presentation Award judge)
2021	Academy Health 2021 (26 abstracts)
2021	UCF College of Medicine, Focused Inquiry & Research Experience (FIRE) 12 <sup>th</sup> Annual Conference (6 Posters)

<b>Date</b>	<b>Organization</b>
2021	ISPOR Europe 2021 (23 abstracts)
2022	Academy Health 2022 (18 abstracts and 1 Research Panel)
2022	ISPOR 2022 (38 abstracts)
2022	UCF College of Medicine, Focused Inquiry & Research Experience (FIRE) 13 <sup>th</sup> Annual Conference (10 posters)
2022	Academy Health 2022: Health Economics Interest Group (11 abstracts)
2022	ISPOR Europe 2022 (29 abstracts)
2023	ISPOR 2023 (32 abstracts)
2023	Academy Health 2023 (26 abstracts and 2 policy roundtables)
2023	UCF College of Medicine, Focused Inquiry & Research Experience (FIRE) 14 <sup>th</sup> Annual Conference (9 posters)
2023	ISPOR Europe 2023 (27 abstracts)
2024	Academy Health 2024 (21 abstracts and 1 policy roundtable)
2024	ISPOR 2024 (24 abstracts)
2024	UCF College of Medicine, Focused Inquiry & Research Experience (FIRE) 15 <sup>th</sup> Annual Conference (10 posters)
2024	ISPOR Europe 2024 (26 abstracts)
2025	Academy Health 2025 (19 abstracts and 1 research roundtable)
2025	UCF College of Medicine, Focused Inquiry & Research Experience (FIRE) 16 <sup>th</sup> Annual Conference (5 posters)
2025	ISPOR Europe 2025 (27 abstracts)

### ***EDITORIAL-RELATED SERVICE***

<b>Date</b>	<b>Journal or Publisher</b>	<b>Role</b>
2017-Present	<i>American Journal of Preventive Medicine</i>	Reviewer
2019-Present	<i>Diabetes Research and Clinical Practice</i>	Reviewer
2020-2024	<i>Clinical Gerontologist</i>	Reviewer
2021-Present	<i>Diabetic Medicine</i>	Reviewer
2022-Present	<i>Journal of General Internal Medicine</i>	Reviewer
2024-Present	<i>Clinical Gerontologist</i>	Editorial Board Member
2025-Present	<i>BMC Medicine</i>	Editorial Board Member
2025-2026	<i>BMC Public Health</i>	Guest Editor

### **SERVICE TO PROFESSIONAL ORGANIZATIONS**

<b>Date</b>	<b>Organization</b>	<b>Role</b>
2025-present	<i>Association of Diabetes Care &amp; Education Specialists- Research Committee</i>	Committee Member
2024-Present	<i>Association of Diabetes Care &amp; Education Specialists</i>	Member

<b>Date</b>	<b>Organization</b>	<b>Role</b>
2021-2023	<i>Academy Health: Health Economics Interest Group Advisory Committee</i>	Committee Member
2020-Present	<i>International Society for Pharmacoeconomics and Outcomes Research</i>	Member
2019-Present	<i>Academy Health</i>	Member
2018-Present	<i>American Diabetes Association</i>	Member
2018-2019	<i>Southern Nursing Research Society</i>	Member

### **UNIVERSITY SERVICE**

#### ***University of Central Florida, College of Nursing***

#### ***UNIVERSITY COMMITTEES***

<b>Date</b>	<b>Committee</b>	<b>Role</b>
2025-2027	UCF Institutional Review Board	Broad Member
2022-2025	UCF Institutional Review Board	Alternate Member
2024	UCF Office of Research's Grant Writing Academy	Reviewer
2021-2022	DAT Search Committee	Member
2020-2022	Faculty and Staff Benefits	Member
2018-2020	Budget and Administrative Committee	Member
2019-2020	DAT Search Committee	Member
2018-2019	DAT Search Committee	Member

#### ***COLLEGE COMMITTEES***

<b>Date</b>	<b>Committee</b>	<b>Role</b>
2025	Nursing Search Committee	Chair
2025	Cumulative Progress Evaluation (CPE) Committee	Member
2024	Nursing Search Committee	Member
2024	Annual Evaluation and Standards Review Committee (AESP)	Member
2024	Nursing Systems Department Promotion and Tenure Committee	Member
2022-Present	PhD Curriculum Committee/ PhD Admission, Progress and Graduation (APG) Committee	Member
2021-2022	Nursing Search Committee	Member
2020-Present	Nursing Systems Instructor/Lecturer Promotion committee	Member
2020-2022	Undergraduate APG committee	Member
2018-2020	Master's/DNP Curriculum	Member