

**John Wong, Ph.D.**  
School of Nursing and Department of Occupational Therapy  
MGH Institute of Health Professions  
36 First Avenue, Boston, MA 02129-4557  
Office phone: (617) 724-3623  
Email: [jwong1@mghihp.edu](mailto:jwong1@mghihp.edu)

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### **Education**

Ph.D. (Biochemistry & Cell Biology), Rice University, Houston, TX  
B.A. (Biology), New College of the University of South Florida, Sarasota, FL  
San Francisco State University, San Francisco, CA

### **Postdoctoral Training**

Postdoctoral Researcher (mentor: Dr. Lisa J. Wood) School of Nursing Oregon Health and Science University, Portland, OR	2011-2012
Postdoctoral Fellow (mentor: Dr. William H. Fleming) Department of Hematology/Oncology Emory University, Atlanta, GA	1995-1997

### **Academic Appointments**

Associate Professor School of Nursing and Department of Occupational Therapy MGH Institute of Health Professions, Boston, MA	2020-present
Assistant Professor Department of Occupational Therapy MGH Institute of Health Professions, Boston, MA	2017-2020
Assistant Professor School of Nursing MGH Institute of Health Professions, Boston, MA	2013-2020
Assistant Professor Center for Interprofessional Studies and Innovation MGH Institute of Health Professions, Boston, MA	2012-2013
Research Associate Department of Biochemistry & Cell Biology Oregon Health and Science University, Portland, OR	1997-2011

### **Honors/Awards**

Department of Occupational Therapy Award for Teaching Excellence	2024
Pillars of Excellence Individual Award – Integrating Diversity, Equity and Inclusion	2024
MGH Institute of Health Professions Teaching Excellence Academy for Learning Fellowship	2024

**Updated:** 5/15/24

Partners in Excellence Team Award – Interprofessional Healthcare Partnership for Chronic Care Team	2017
Partners in Excellence Team Award – Campus Expansion Team	2013
Ruth L. Kirschstein National Research Service Award	2003-2005
Collins Medical Trust Award	1997-1998
Rice University Travel Award	1995
John W. Cox Fellowship	1988
New College Foundation Fellowship	1986-1988

## Research Support

### Completed

Sanming Project of Medicine in Shenzhen, China PI: Qing-Mei Wang The medical and aged care model system of Alzheimer's disease Annual direct costs:\$300,000; role on project: Core Member	2017-2022
MGH Institute of Health Professions COVID-19 Small Grant Award PI: Debra E. Kelley Effects of COVID-19 on student nurses' resilience and mental wellbeing Annual direct costs: \$2720; role on project: Co-Investigator	2020-2021
MGH Institute of Health Professions COVID-19 Small Grant Award PI: Elissa C. Ladd Characteristics of the patient population at a Covid-19 non-congregate shelter: An analysis of socioeconomic, housing, and health risk factors Annual direct costs: \$4250; role on project: Co-Investigator	2020-2021
MGH Institute of Health Professions Faculty Research Fellowship PI: John Wong Regulation of IL-1beta production by Mcl-1 Annual direct costs: \$10,000; role on project: Principal Investigator	2015-2016
National Institutes of Health (NIH 1R01NR013171) PI: Lisa J. Wood Targeting IL-1beta as a strategy for symptom control in cancer Annual direct costs: \$397,500; role on project: Research Associate	2012-2016
National Institutes of Health (NIH 1R01A1059335) PI: Bruce E. Magun Inflammatory responses in the toxicity of ricin Annual direct costs: \$250,000; role on project: Research Associate	1999-2010
NIH Training Program in Cancer Cell Biology (NIH 5T32CA101690) PI: Bruce E. Magun Adirect costs: \$312,905; role on project: Postdoctoral Trainee	2003-2005
National Institutes of Health (NIH 1R01DK066439) PI: Bruce E. Magun Inflammatory and apoptosis in experimental HUS Annual direct costs: \$226,500; role on project: Research Associate	2005-2008

National Institutes of Health (NIH 2R56AI059335) 2010-2011  
PI: Bruce E. Magun  
Inflammatory mechanisms in the toxicity of ricin  
Annual direct costs: \$385,000; role on project: Research Associate

NIH R01 (NIH 1R01NR012479) 2010-2015  
PI: Bruce E. Magun  
Mechanism of Cancer Treatment Related Symptoms  
Annual direct costs: \$385,000; role on project: Postdoctoral Researcher

## Publications

1. Xue, K., Li, W., Liu, F., Liu, X., **Wong, J.**, Zhou, M., Cai, C., Long, J., Li, J., Zhang, Z., Hou, W., Nie, G., & Wang, Y. (2024). Activities of daily living evaluation using an electronic version of the Longshi Scale in stroke survivors: Reliability, consistency, and preference. *BMC Medical Informatics and Decision Making*, 24, Article 125. <https://doi.org/10.1186/s12911-024-02508-0>
2. Xu, M., Lin, R., Wen, H., Wang, Y., **Wong, J.**, Peng, Z., Liu, L., Nie, B., Luo, J., Tang, X., & Cui, S. (2024). Electroacupuncture enhances the functional connectivity of limbic system to neocortex in the 5xFAD mouse model of Alzheimer's disease. *Neuroscience*, 544, 28-38. <https://doi.org/10.1016/j.neuroscience.2024.02.025>
3. Asiello, J. D., Kelley, C. M., Cannone, K., McInnis, L., Begin, A., Dittrich, M., Donovan, E., Beatty, K., Lam, N., Taubert, A., & **Wong, J.** (2024). Addressing the functional needs of left ventricular assist device candidates: Development and feasibility of an occupational therapy pre-operative evaluation. *Heart & Lung*, 64, 198–207. <https://doi.org/10.1016/j.hrtlng.2024.01.006>
4. Robb, K., Ahmed, R., **Wong, J.**, Ladd, E., & de Jong, J. (2024). Substandard housing and the risk of COVID-19 infection and disease severity: A retrospective cohort study. *SSM - Population Health*, 25, Article 101629. <https://doi.org/10.1016/j.ssmph.2024.101629>
5. Doherty, R. F., Hobbs, M., Knab, M. S., **Wong, J.**, & Chan, A. (2023). Outcomes of an interprofessional peer facilitators program: Building a confident, competent, and collaboration ready healthcare workforce. *Journal of Interprofessional Education & Practice*, 33, Article 10068. <https://doi.org/10.1016/j.xjep.2023.100687>
6. Pusey-Reid, E., Quinn, L. W., **Wong, J.**, & Wucherpfennig, A. (2023). Representation of dark skin tones in foundational nursing textbooks: An image analysis. *Nurse Education Today*, 130, Article 105927. <https://doi.org/10.1016/j.nedt.2023.105927>
7. Breakey, S., Starodub, R., Nicholas, P. K., & **Wong, J.** (2023). A cross-sectional study to assess faculty and student knowledge of climate change and health: Readiness for curricular integration. *Journal of Advanced Nursing*, 79(12), 4716-4731. <https://doi.org/10.1111/jan.15729>
8. Sabo, K., **Wong, J.**, & Lopez, R. P. (2023). Loneliness and unmet needs of older adults living in publicly supported housing. *Research in Gerontological Nursing*, 16(5), 217-223. <https://doi.org/10.3928/19404921-20230606-02>
9. Zhang, Z., Liu, F., **Wong, J.**, Xue, K., Zhou, M., Long, J., Qu, S., Li, J., Yang, Q., Wang, Y. (2023). Reliability of Longshi scale with remote assessment of smartphone video calls for stroke patients' activities of daily living. *Journal of Stroke and Cerebrovascular*

- Diseases*, 32(3) 2023, Article 106950.  
<https://doi.org/10.1016/j.jstrokecerebrovasdis.2022.106950>
10. Liu, A., Sun, J., Tiwari, S., **Wong, J.**, Wang, H., Tang, D., & Han, Z. (2023). Effect of Chinese herbal formulae (BU-SHEN-YI-QI granule) treatment on thrombin expression after ischemia/reperfusion. *All Life*, 16(1), Article 2173311.  
<https://doi.org/10.1080/26895293.2023.2173311>
  11. Feng, Z., Cui, S., Yang, H., Wang, Y., Zhou, X., **Wong, J.**, Lai, L., Yang, Z., Huang, B., Zheng, H., & Xu, M. (2023). Acupuncture for neuropathic pain: A meta-analysis of randomized control trials. *Frontiers in Neurology*, 13, Article 1076993.  
<https://doi.org/10.3389/fneur.2022.1076993>
  12. Okada, J., Wilson, E., **Wong, J.**, Luo, M., Fiechtner, L., & Simione, M. (2022). Financial impacts and community resources utilization of children with feeding difficulties. *BMC Pediatrics*, 22, Article 508. <https://doi.org/10.1186/s12887-022-03566-x>
  13. Morris, B., & **Wong, J.** (2022). A scoping review of treatments for the vegetative and minimally conscious states. *Brain Network and Modulation*, 1(2), 57-79.  
<https://doi.org/10.4103/2773-2398.348252>
  14. Mack, A., Esher, A., & **Wong, J.** (2022). Barriers, challenges, and supports to the implementation of standardized patients and simulated environments by occupational therapy education programs. *Journal of Occupational Therapy Education*, 6(2), Article 13. <https://doi.org/10.26681/jote.2022.060213>
  15. Tiwari, S., Qi, L., **Wong, J.**, & Han, Z. (2022). Association of peripheral manifestation of brain-derived neurotrophic factor with depression: A meta-analysis. *Brain and Behavior*, 12(6), Article e32581. <https://doi.org/10.1002/brb3.2581>
  16. Worek, A., Sabo, K., Eddy, E., Plummer, L., Baldwin, J., Reidy, P. A., Hildebrand, M. W., Riotte, M., & **Wong, J.** (2022). Students Tele-All: Self efficacy and self-reflection as measures of student success in telepractice training. *Education Sciences and Psychology*, 12(5), Article 302. <https://doi.org/10.3390/educsci12050302>
  17. Golden, K., Erler, K., **Wong, J.**, Giacino, J. T., & Bodien, Y. G. (2022). Should consistent command-following be added to the criteria for emergence from the minimally conscious state? *Archives of Physical Medicine and Rehabilitation*, 103(9), 1870-1873.  
<https://doi.org/10.1016/j.apmr.2022.03.010>
  18. Mack, M., Arrigo, M., Fink, T., Garrity, K., Cox, D., Kwasnowski, L., & **Wong, J.** (2021). Fatigue and functional outcomes in cancer rehabilitation. *Supportive Care in Cancer*, 29(12), 8069-8076. <https://doi.org/10.1007/s00520-021-06405-4>
  19. Ruggiero, K. M., **Wong, J.**, Sweeney, C. F., Auger, A., Avola, A., Macaluso, M., & Reidy, P. (2021). Parents' intention to vaccinate their children against COVID-19. *Journal of Pediatric Health Care*, 35(5), 509-517. <https://doi.org/10.1016/j.pedhc.2021.04.005>
  20. Hill, R., **Wong, J.**, & and Parikh, G. (2021). The influence of tongue-tie on maternal well-being, *American Journal of Maternal Child Nursing*, 46(5), 258-263.  
<https://doi.org/10.1097/NMC.0000000000000739>
  21. Abu-Dahab, S. M. N., AlHeresh, R., Malkawi, S. H., Maysoun Saleh, M., & **Wong, J.** (2021). Participation patterns and determinants of participation of young children with cerebral palsy. *Australian Occupational Therapy Journal*, 68(3), 195-204.  
<https://doi.org/10.1111/1440-1630.12714>

22. Xu, M., Lin, R., Luo, J., Tang, C., Wang, S., **Wong, J.**, Wu, M., Huang, J., Shi, P., Gao, A., Bai, Y., Xie, Y., Luo, J., Yang, Y., & Cui, S. (2021). Using brain functional magnetic resonance imaging to evaluate the effectiveness of acupuncture combined with mirror therapy on upper limb function in patients with cerebral ischemic stroke: A study protocol for a randomized, controlled trial. *Trials*, 22(1), Article e53. <https://doi.org/10.1186/s13063-020-04955-2>
23. Wang, H., He, R., Wu, M., **Wong, J.**, & Fan, J. (2021). Mei guo kang fu yi shi bi ye hou jiao yu ti xi de fen xi he qi shi [Analysis of and insights from the graduate medical education of physical medicine and rehabilitation in the United States]. *Chinese Journal of Rehabilitation Medicine*, 36(1), 90-95. <https://doi.org/10.3969/j.issn.1001-1242.2021.01.017>
24. Han, Z., Wang, Y., Qi, L., Wang, J., **Wong, J.**, Chen, J., Luo, X., Wang, Y., & Wang, Q. M. (2020). Differential association of serum BDNF with post-stroke depression and post-stroke anxiety. *Archives of Physical Medicine and Rehabilitation*, 101(8), 1355-1366. <https://doi.org/10.1016/j.apmr.2020.04.011>
25. Han, Z., Qi, L., Xu, Q., Xu, M., Cai, L., **Wong, J.**, Hu, X., Luo, X., Wang, J., Zhang, Y., Li, Y., & Wang, Q. M. (2020). BDNF Met allele is associated with lower cognitive function in post-stroke rehabilitation. *Neurorehabilitation and Neural Repair*, 34(3), 247-259. <https://doi.org/10.1177/1545968320902127>
26. Holle, C. L., Sundean, L. J., Dellefield, M. E., **Wong, J.**, & Lopez, R. P. (2019). Examining the beliefs of skilled nursing facility directors of nursing regarding BSN completion and the impact of nurse leader education on patient outcomes. *Journal of Nursing Administration*, 49(2), 57-60. <https://doi.org/10.1097/NNA.0000000000000710>
27. Hill, R., **Wong, J.**, & Thal, R. (2019). Formative assessment and its impact on student success. *Nurse Educator*, 44(1), 4. <https://doi.org/10.1097/NNE.0000000000000530>
28. Cui, S., Xu, M., Huang, J., Wang, Q. M., Lai, X., Nie, B., Shan, B., Luo, X., **Wong, J.**, & Tang, C. (2018). Cerebral responses to acupuncture at GV24 and bilateral GB13 in rat models of Alzheimer's disease. *Behavioral Neurology*, 2018, Article 8740284. <https://doi.org/10.1155/2018/8740284>
29. **Wong, J.**, Tran, L. T., Lynch, K., & Wood, L. J. (2017). Dexamethasone exacerbates cytotoxic chemotherapy induced lethargy and weight loss in female tumor free mice. *Cancer Biology & Therapy*, 19(1), 87-96. <https://doi.org/10.1080/15384047.2017.1394549>
30. Jandhyala, D. M., **Wong, J.**, Mantis, N. J, Magun, B. E., Leong, J. M., & Thorpe, C. M. (2017). A novel *zak* knockout-mouse with a defective ribotoxic stress response. *Toxins*, 8(9), Article E259. <https://doi.org/10.3390/toxins8090259>
31. **Wong, J.**, Magun, B. E, & Wood, L. J. (2016). Lung inflammation induced by toxicants: A review. *International Journal of Chronic Obstructive Pulmonary Disease*, 11(1), 1391-1401. <https://doi.org/10.2147/COPD.S106009>
32. Liu, X., Kenkare, K., Desai, V., **Wong, J.**, Luo, X., Wood, L. J., Xu, Y., & Wang, Q. M. (2015). Increased Th17/Treg ratio in poststroke fatigue. *Mediators of Inflammation*, 2015, 931-938. <https://doi.org/10.1155/2015/931398>
33. **Wong, J.**, Tran, L. T., Magun, E. M., Magun, B. E., & Wood, L. J. (2014). Production of IL-1beta by bone marrow-derived macrophages in response to chemotherapeutic drugs: synergistic effects of doxorubicin and vincristine. *Cancer Biology & Therapy*, 15(10), 1395-1403. <https://doi.org/10.4161/cbt.29922>

34. **Wong, J.**, Smith, L. B, Magun, E. A., Engstrom, T., Kelley-Howard, K., Jandhyala, D. M., Thorpe, C. M., Magun, B. E., & Wood, L. J. (2013). Small molecule kinase inhibitors block the ZAK-dependent inflammatory effects of doxorubicin. *Cancer Biology & Therapy*, 14(1), 56-63. <https://doi.org/10.4161/cbt.22628>
35. Vyleta, M. L, **Wong, J.**, & Magun, B. E. (2012). Suppression of ribosomal function triggers innate immune signaling through activation of the NLRP3 inflammasome. *PLoS One*, 7(5), Article e36044. <https://doi.org/10.1371/journal.pone.0036044>
36. Sauter, K. A, Wood, L. J., **Wong, J.**, Iordanov, M., & Magun, B. E. (2011). Doxorubicin and daunorubicin induce processing and release of interleukin-1beta through activation of the NLRP3 inflammasome. *Cancer Biology & Therapy*, 11(12), 1008-1016. <https://doi.org/10.4161/cbt.11.12.15540>
37. Lindauer, M., **Wong, J.**, & Magun, B. (2010). Ricin toxin activates the NALP3 inflammasome. *Toxins*, 2(6), 1500-1514. <https://doi.org/10.3390/toxins2061500>
38. Lindauer, M. L., **Wong, J.**, Iwakura, Y., & Magun, B. E. (2009). Pulmonary inflammation triggered by ricin toxin requires macrophages and IL-1 signaling. *Journal of Immunology*, 183(2), 1419-1426. <https://doi.org/10.4049/jimmunol.0901119>
39. **Wong, J.**, Korcheva, V., Jacoby, D. B., & Magun, B. E. (2007). Proinflammatory responses of human airway cells to ricin involve stress-activated protein kinases and NF-kappaB. *American Journal of Physiology-Lung Cellular and Molecular Physiology*, 293(6), L1385-1394. <https://doi.org/10.1152/ajplung.00207.2007>
40. **Wong, J.**, Korcheva, V., Jacoby, D. B., & Magun, B. (2007). Intrapulmonary delivery of ricin at high dosage triggers a systemic inflammatory response and glomerular damage. *American Journal of Pathology*, 170(5), 1497-1510. <https://doi.org/10.2353/ajpath.2007.060703>
41. Korcheva, V., **Wong, J.**, Lindauer, M., Jacoby, D. B., Iordanov, M. S., & Magun, B. (2007). Role of apoptotic signaling pathways in regulation of inflammatory responses to ricin in primary murine macrophages. *Molecular Immunology*, 44(10), 2761-2771. <https://doi.org/10.1016/j.molimm.2006.10.025>
42. Jarvis, M. A, Borton, J. A., Keech, A.M., **Wong, J.**, Britt, W. J., Magun, B. E., & Nelson, J.A. (2006). Human cytomegalovirus attenuates interleukin-1beta and tumor necrosis factor alpha proinflammatory signaling by inhibition of NF-kappaB activation. *Journal of Virology*, 80(11), 5588-5598. <https://doi.org/10.1128/JVI.00060-06>
43. Iordanov, M. S., Kirsch, J. D., Ryabinina, O. P., **Wong, J.**, Spitz, P. N., Korcheva, V. B., Thorburn, A., & Magun, B. E. (2005). Recruitment of TRADD, FADD, and caspase 8 to double-stranded RNA-triggered death inducing signaling complexes (dsRNA-DISCs). *Apoptosis*, 10(1), 167-176. <https://doi.org/10.1007/s10495-005-6071-x>
44. Korcheva, V., **Wong, J.**, Corless, C., Iordanov, M., & Magun, B. (2005). Administration of ricin induces a severe inflammatory response via nonredundant stimulation of ERK, JNK, and P38 MAPK and provides a mouse model of hemolytic uremic syndrome. *American Journal of Pathology*, 166(1), 323-339. [https://doi.org/10.1016/S0002-9440\(10\)62256-0](https://doi.org/10.1016/S0002-9440(10)62256-0)
45. Iordanov, M.S., **Wong, J.**, Newton, D. L., Rybak, S.M., Bright, R., Flavel, R., Davis, R. J., & Magun, B. E. (2001). Differential requirement for the stress-activated protein kinase/c-Jun NH2-terminal kinase in RNA damage-induced apoptosis in primary and in immortalized fibroblasts. *Molecular Cell Biology Research Communications*, 4(2), 122-128. <https://doi.org/10.1006/mcbr.2000.0266>

46. Iordanov, M., **Wong, J.**, Bell, J. C., & Magun, B. E. (2001). The activation of NF-KB by double-stranded RNA (dsRNA) kinase R and RNase L demonstrates the existence of two separate dsRNA-triggered anti-viral programs. *Molecular and Cellular Biology*, 21(1), 61-72. <https://doi.org/10.1128/MCB.21.1.61-72.2001>
47. Iordanov, M., Ryabinina, O., **Wong, J.**, Dinh, T. H., Newton, D., Rybak, S., & Magun, B. E. (2000). Molecular determinants of apoptosis induced by the cytotoxic ribonuclease onconase: Evidence for cytotoxic mechanisms different from inhibition of protein synthesis. *Cancer Research*, 60(7), 1983-1994. <https://aacrjournals.org/cancerres/article/60/7/1983/507158/Molecular-Determinants-of-Apoptosis-Induced-by-the>
48. Iordanov, M. S., Paranjape, J. M., Zhou, A., **Wong, J.**, Williams, B. R., Meurs, E. F., Silverman, R. H., & Magun, B. E. (2000). Activation of p38 mitogen-activated protein kinase and c-Jun NH2-terminal kinase by double-stranded RNA and encephalomyocarditis virus: Involvement of RNase L, protein kinase R, and alternative pathways. *Molecular and Cellular Biology*, 20(2), 617-627. <https://doi.org/10.1128/MCB.20.2.617-627.2000>
49. Fleming, W. H., Lankford-Turner, P., Turner, C. W., **Wong, J.**, Strobert, E., & McKeam, J. P. (1999). Administration of daniplestim and granulocyte colony-stimulating factor for the mobilization of hematopoietic progenitor cells in nonhuman primates. *Biology of Blood and Marrow Transplantation*, 5(1), 8-14. <https://doi.org/10.1053/bbmt.1999.v5.pm10232736>
50. Turner, C. W., Archer, D. R., **Wong, J.**, Yeager, A. M., & Fleming, W. H. (1998). In utero transplantation of human fetal haemopoietic cells in NOD/SCID mice. *British Journal of Haematology*, 103(2), 326-334. <https://doi.org/10.1046/j.1365-2141.1998.01003.x>
51. **Wong, J.**, & Bennett, G. N. (1996). The effect of novobiocin on solvent production by *Clostridium acetobutylicum*. *Journal of Industrial Microbiology*, 16(6), 354-359. <https://doi.org/10.1007/BF01570115>
52. **Wong, J.**, & Bennett, G. N. (1996). Recombination-induced variants of *Clostridium acetobutylicum* ATCC 824 with increased solvent production. *Current Microbiology*, 32(6), 349-356. <https://doi.org/10.1007/s002849900062>
53. **Wong, J.**, Sass, C., & Bennett, G. N. (1995). Sequence and arrangement of genes encoding sigma factors in *Clostridium acetobutylicum* ATCC 824. *Gene*, 153(1), 89-92. [https://doi.org/10.1016/0378-1119\(94\)00818-D](https://doi.org/10.1016/0378-1119(94)00818-D)

#### Peer-Reviewed Presentations and Abstracts

- Yoon, S. H., Osgood, P., Hemingway, M., **Wong, J.**, & Starodub, R. (2024, April 4-5). *Implementing mentorship program for new graduate nurses in perioperative setting*. Eastern Nursing Research Society 36th Annual Scientific Sessions. Boston, MA, United States.
- McInnis, L., Asiello, J., Kelley, C., Cannone, K., **Wong, J.**, Begin, A., Dittrich, M., Donovan, E., Beatty, K., Lam, N., & Taubert, A. (2024, March 21-23). *Focus on functional cognition: OT evaluation of adults with advanced heart failure* [Poster presentation]. 2024 American Occupational Therapy Association Conference, Orlando, FL, United States.
- Alexander, T., Eddy, E. Z., & **Wong, J.** (2024, March 21-23). *Relationship between play & self-esteem for children with disabilities* [Poster presentation]. 2024 American Occupational Therapy Association Conference, Orlando, FL, United States.

- Asiello, J., Cranna, W. M., Craven, C., & **Wong, J.** (2024, March 21-23). *Cultivating quality improvement leaders: Establishing an interprofessional experiential QI course for post-professional doctoral OT and SLP students* [Poster presentation]. 2024 American Occupational Therapy Association Conference, Orlando, FL, United States.
- Cannone, K., Asiello, J., Kelley, C., **Wong, J.**, McInnis, L., Begin, A., Dittrich, M., Donovan, E., Beatty, K., Lam, N., & Taubert, A. (2024, March 21-23). *Predicting function: The value of pre-operative occupational therapy evaluations for left ventricular assist device (LVAD) candidates* [Poster presentation]. 2024 American Occupational Therapy Association Conference, Orlando, FL, United States.
- Pusey-Reid, E., Quinn, L., **Wong, J.**, & Wucherpfennig, A. (2023, October 27). *Image analysis of dark skin tone in foundational nursing textbook* [Poster presentation]. Massachusetts/Rhode Island League for Nursing Fall Conference, Worcester, MA.
- Pusey-Reid, E., Quinn, L., **Wong, J.**, & Wucherpfennig, A. (2023, August 27-30). *Image Analysis of dark skin tone representation in foundational nursing textbooks* [Poster presentation]. International Association for Health Professions Education Annual Conference, Glasgow, United Kingdom.
- Asiello, J. D., Kelley, C. M., **Wong, J.**, Dittrich, M., Begin, A., Beatty, K., Donovan, E., Cannone, K., Mlincek, M., & Fayad, Z. (2023, June 29-July 1). *Occupational therapy pre-operative evaluation of left ventricular assist device (LVAD) candidates: A new standard of care to focus on function* [Poster presentation]. American Association of Heart Failure Nurses Conference, Boston, MA, United States. <https://doi.org/10.1016/j.hrtlng.2023.06.014>
- Robb, K., Ahmed, R., Cox, R., **Wong, J.**, Ladd, E., & de Jong, J. (2023, May 18). *Substandard housing and the risk of COVID-19 infection and disease severity in Chelsea, MA* [Poster presentation]. Chelsea Research Festival, Chelsea, MA.
- Pusey-Reid, E., Wucherpfennig, A., Quinn, L., & **Wong, J.** (2023, May 16). *Representation of dark skin tone in foundational nursing textbooks: An image and graphic analysis* [Poster presentation]. MGH Nursing Research Day, Boston, MA.
- Nicholas, P. K., Breakey, S., Starodub, R., Tagliareni, E., Sipe, M. H., Pusey-Reid, E. A., Gona, C. M., Quinn, L., Cox, R., Bernhardt, J., Olayinka, O., **Wong, J.**, Sabo, K., Reidy, P., Evans, L. A., Evans, R., O'Brien, L., Donati, C., Grande, V., Leary, T., & Steering Committee of the MGH Institute Center for Climate Change, Climate Justice, and Health (2023, May 16). *The National Institutes of Health (NIH) climate change initiative strategic framework* [Poster presentation]. MGH Nurse Research Day, Boston, MA.
- Asiello, J. D., **Wong, J.**, Dittrich, M., Begin, A., Beatty, K., Donovan, E., Cannone, K., Mlincek, M., Fayad, Z., & Kelley, C. M. (2023, April 20-23). *Preoperative OT evaluations of left ventricular assist device (LVAD) candidates: Outcomes and impact on practice* [Poster presentation]. 2023 American Occupational Therapy Association Conference, Kansas City, MO, United States. <https://doi.org/10.5014/ajot.2023.77S2-PO260>
- Eddy, E. Z., Worek, A., & **Wong, J.** (2023, April 20-23). *Do-Tele: A story of student self-efficacy and self-reflection as measures of student success in telepractice training* [Poster Presentation]. 2023 American Occupational Therapy Association Conference, Kansas City, MO, United States.
- Sabo, K., **Wong, J.**, & Lopez, R. P. (2023, March 23-24). *Loneliness and unmet needs of older adults living in publicly supported housing* [Poster presentation]. Eastern Nursing Research Society 35th Annual Scientific Sessions, Philadelphia, PA, United States.



- Wong, J.**, Wucherpfennig, A., Quinn, L., & Pusey-Reid, E. (2023, March 31). *Image analysis of dark skin tone representation in foundational nursing textbooks* [Poster presentation]. MGH Institute of Health Professions Virtual Social Justice Research Conference, Boston, MA, United States.
- Sabo, K., **Wong, J.**, & Lopez, R. P. (2023, January 10). *Loneliness and unmet needs of older adults living in publicly supported housing* [Poster presentation]. MGH Institute of Health Professions Research & Scholarship Day, Boston, MA, United States.
- Pusey-Reid, E., Quinn, L., **Wong, J.**, & Wucherpfennig, A. (2023, January 10). *Image analysis of dark skin tone representation in foundational nursing textbooks* [Poster presentation]. MGH Institute of Health Professions Research & Scholarship Day, Boston, MA, United States.
- Breakey, S., Starodub, R., Nicholas, P., & **Wong, J.** (2023, January 10). *A cross-sectional study to assess faculty and student knowledge of climate and health and readiness for curricular integration* [Poster presentation]. MGH Institute of Health Professions Research & Scholarship Day, Boston, MA, United States.
- Worek, A., Eddy, E., Baldwin, J., Hildebrand, M. W., Plummer, L., Reidy, P. A., Riotte, M., Sabo, K., & **Wong, J.** (2022, January 10). *SSET-ing students up for success: A cross-disciplinary outcome measure for telepractice education* [Poster presentation]. MGH Institute of Health Professions Research & Scholarship Day, Boston, MA, United States.
- Worek, A., Eddy, E., Riotte, M., Sabo, K., Baldwin, J., Plummer, L., & **Wong, J.** (2022, November 17-19). *On your mark get SSET-TP: A cross-disciplinary student self-efficacy tool for telepractice training outcomes* [Poster presentation]. American Speech-Language-Hearing Association Convention, New Orleans, LA, United States.
- Golden, K., Giacino, J. T., Erler, K., **Wong, J.**, & Bodien, Y. G. (2022, November 8-11). *Revisiting criteria for emergence from the minimally conscious state* [Poster presentation]. American Congress of Rehabilitation Medicine Annual Conference, Chicago, IL, United States. <https://doi.org/10.1016/j.apmr.2022.01.027>
- Wong, J.** (2022, October 22). *Disorders of consciousness* [Paper presentation]. MGH Institute of Health Professions Afternoon of Nursing Research, Boston, MA, United States.
- Okada, J., **Wong, J.**, Wilson, E., Fiechtner, L., & Simone, M. (2022, July 21-22). *Examining the financial impacts and community resources utilization of children with feeding difficulties* [Poster presentation]. International Pediatric Feeding Disorders Conference. <https://iapfs.org/virtual-conference/>
- Sabo, K., & **Wong, J.** (2022, June 2). *Students Tele-All: Self-efficacy and self-reflection as measures of student success in telepractice training* [Paper presentation]. MGH Institute of Health Professions School of Nursing Annual Celebration of Faculty Scholarship, Boston, MA, United States.
- Phan, V., Evenson, M. E., & **Wong, J.** (2022, March 31-April 4). *Occupational therapy Level II Fieldwork students' utilization of evidence-based practice to promote client-centered care* [Poster presentation]. 2022 American Occupational Therapy Association Conference, Austin, TX, United States.
- Do, A., Ianni, C., Phan, V., Zeman, E., & **Wong, J.** (2022, March 31-April 4). *The cultural value of interdependence in China: Implications for OT in the United States* [Poster presentation]. 2022 American Occupational Therapy Association Conference, Austin, TX, United States.

- Kelly, D. E., Olayinka, O., **Wong, J.**, & Sipe, M. H. (2021, November 6-10). During a pandemic, it is important to honor focus on creating a future nursing workforce [Poster presentation]. Sigma Theta Tau 46th Biennial Convention, Indianapolis, IN, United States.
- Kelly, D. E., Olayinka, O., **Wong, J.**, Sipe, M. H., & Lopez, R. P. (2021, September 28-30). *Effects of the novel corona virus (COVID-19) pandemic on student nurse's resilience and mental wellbeing* [Poster presentation]. 2022 National League for Nursing Education Summit.
- Chan, H., & **Wong, J.** (2020, March 26). *The relationship between hypertension and racial discrimination of African Americans* [Poster presentation]. MGH Institute of Health Professions Virtual Social Justice Research Conference, Boston, MA, United States.
- Koella, E., & **Wong, J.** (2020, March 26). *Antiracist and cross-cultural interventions in nursing schools: effective interventions using the word racism*. [Poster presentation]. MGH Institute of Health Professions Virtual Social Justice Research Conference, Boston, MA, United States.
- Olayinka, O., Kelly, D. E., **Wong, J.**, Sipe, M. H., & Lopez, R. P. (2021, March 25-26). *Effects of the novel corona virus (COVID-19) pandemic on student nurse's resilience and mental wellbeing* [Poster presentation]. Eastern Nursing Research Society Virtual 33rd Annual Scientific Sessions.
- Bjorkman, A., Mack, A., Doherty, R. F., & **Wong, J.** (2020, March 26-29). *Simulated learning experiences (SLEs) & the development of clinical reasoning skills in entry-level OT learners* [Poster presentation]. 2020 American Occupational Therapy Association Annual Conference, Boston, MA, United States (Conference canceled).
- Zeman, E., Broughton, J., Manning, S., Barriola, J., & **Wong, J.** (2020, March 26-29). *Interprofessional education & practice across the world: OT & nursing student perspectives after a pilot global immersion in China* [Poster presentation]. 2020 American Occupational Therapy Association Annual Conference, Boston, MA, United States (Conference cancelled).
- Wong, J.**, & Tuck, I. (2019, July 25-29). *Best practices in global academic exchange: lessons from an interprofessional collaborative relationship with China* [Poster presentation]. Sigma Theta Tau 30th International Nursing Research Congress, Calgary, AB, Canada. <https://stti.confex.com/stti/congrs19/webprogram/Paper96825.html>
- Li, J., Fabianek, A., Engelbrektsson, S., **Wong, J.**, & AlHeresh, R. (2019, April 4-7). *Health status of Palestinian refugees: A predictive model using the WHO Community-Based Rehabilitation (CBR) indicators* [Poster presentation]. 2019 American Occupational Therapy Association Annual Conference, New Orleans, LA, United States.
- Engelbrektsson, S., **Wong, J.**, Fabianek, A., Li, J., & AlHeresh, R. (2019, April 4-7). *Comparing daily function and participation: Palestinian refugee children and Jordanian children* [Poster presentation]. 2019 American Occupational Therapy Association Annual Conference, New Orleans, LA, United States.
- Han, Z., Qi, L., **Wong, J.**, Luo, X., Zhou, Y., Wang, J., & Wang, Q. (2018, October 25-28). *Association of BDNF Val66Met with post-stroke functional recovery* [Paper presentation]. 2018 American Academy of Physical Medicine and Rehabilitation Annual Assembly, Orlando, FL United States.
- Han, Z., Qi, L., **Wong, J.**, Luo, X., Zhou, Y., Wang, J., & Wang, Q. (2018, July 8-12). *Association of BDNF Val66Met with post-stroke functional recovery* [Paper presentation].

- 12th World Congress of the International Society of Physical and Rehabilitation Medicine, Paris, France. <https://doi.org/10.1016/j.rehab.2018.05.047>
- Reidy, P., Gona, C. M., Knab, M., Doherty, R. F., Baldwin, J., Pittmann, P., & **Wong, J.** (2018, April 18-22). *Interprofessional healthcare partnership for chronic care management* [Conference session]. National Organization of Nurse Practitioner Faculties 44th Annual Meeting, Indianapolis, IN, United States.
- Reidy, P., Baldwin, J., Doherty, R. F., Gona, C.M., Knab, M., & **Wong, J.** (2017, October 1-4). *Collaboration for chronic care management: an interprofessional partnership* [Conference session]. Collaborating Across Borders VI, Banff, Alberta, Canada.
- Jandhyala, D. M., **Wong, J.**, Stone, S. M., Mantis, N. J., Magun, B. E., & Thorpe, C. M. (2012, May 6-9). *ZAK: a novel therapeutic target for treating Shiga toxin and ricin mediated disease?* [Poster presentation]. 8th International Symposium on Shiga toxin (Verocytotoxin) Producing *Escherichia coli* Infections, Amsterdam, the Netherlands.
- Wood, L. J., **Wong, J.**, Engstrom, K., Kelley-Howard, E., Magun, E., & Magun, B. E. (2012, April 18-20). *Cytotoxic cancer chemotherapeutic agents induce IL-1 beta production by immune cells* [Poster presentation]. Western Institute of Nursing 45th Annual Communicating Nursing Research Conference, Portland, OR, United States.
- Sauter, A. D., Wood, L. J., **Wong, J.**, Iordanov, M., & Magun, B. E. (2011, May 12). *Doxorubicin and daunorubicin induce processing and release of interleukin-1 beta through activation of the NLRP3 inflammasome* [Poster presentation]. NINR-NCI Joint Conference Symptom Mechanisms, Measurement and Management, Washington, DC, United States.
- Lindauer, M. L., **Wong, J.**, & Magun, B. E. (2009, May 8-12). *Pulmonary inflammation triggered by ricin toxin requires macrophages and IL-1 signaling through the NALP3 inflammasome* [Poster presentation]. American Association of Immunologists 96th Annual Meeting, Seattle, WA, United States.
- Wong, J.**, Iordanov, M. S., & Magun, B. E. (2001, October 7-12). *Role of IKK and NF-kappaB in the inflammatory response* [Poster presentation]. 9th Meeting of the International Society of Interferon and Cytokine Research, Cleveland, OH, United States.
- Wong, J.**, Iordanov, M. S., & Magun, B. E. (2000, September 20-24). *Role of NF-kappaB, SAPK, and PKR in double stranded RNA-induced cytokine production and STAT activation in mouse fibroblasts* [Poster presentation]. American Association for Cancer Research Special Conference on Cytokines and Cancer: Regulation, Angiogenesis, and Clinical Applications, Vail, CO, United States.
- Wong, J.**, & Bennett, G. N. (1995, May 7-11). *RNA polymerase sigma factors in Clostridium acetobutylicum ATCC 824* [Poster presentation]. 17th Symposium on Biotechnology for Fuels and Chemicals, Vail, CO, United States.
- Wong, J.**, & Bennett, G. N. (1994, May 22-26). *Studies on DNA supercoiling in Clostridium acetobutylicum ATCC 824* [Poster presentation]. American Society of Microbiology 94th General Meeting, Las Vegas, NV, United States.
- Wong, J.**, & Bennett, G. N. (1992, February 12). *Purification and characterization of RNA polymerase from Clostridium acetobutylicum ATCC 824* [Poster presentation]. American Society of Biochemistry and Molecular Biology 83rd Annual Meeting, Houston, TX, United States.

Douthright, J., Crawford, D., & **Wong, J.** (1988, April 21-23). *Mutant strains of Corynebacterium glutamicum 13287 defective in DNA repair* [Poster presentation]. 2nd National Conference on Undergraduate Research, Asheville, NC, United States.

### **Invited Presentations - International**

**Wong, J.** (2019, December 31). *Elderly care services in the U.S.* U.S. Rehabilitation and Elderly Care Symposium, Shenzhen, China.

**Wong, J.** (2018, April 14). *Inter-professional partnership in chronic care.* Shenzhen Rehabilitation Medicine Quality Control Symposium, Shenzhen, China.

**Wong, J.** (2018, April 13). *Inter-professional partnership in chronic care.* Rehabilitation and Palliative Care in the U.S. Experience Sharing Symposium, Shenzhen, China.

**Wong, J.** (2017, August 17-21). *How to conduct research for clinical practice.* International Society of Physical and Rehabilitation Medicine for Developing Countries Summit, Shenzhen, China.

**Wong, J.** (2017, August 16). *Inter-professional education in rehabilitation medicine.* Medical and Aged Care in Alzheimer's Disease Rehabilitation Summit, Shenzhen, China.

**Wong, J.** (2016, July 16-17). *Understanding the mechanisms of cancer treatment-related fatigue.* Shenzhen-Hong Kong-Taiwan-Dongguan-Huizhou Rehabilitation and Occupational Therapy Conference, Shenzhen, China.

### **Educational Activities**

#### **Courses Taught**

Research Process II: Methods and Design (OT-611)	2022
Research Process IV: Implementation, Dissemination & Capstone (OT-894)	2022
Critical Theories and Research Methods in Occupational Therapy Practice (OT-883):	2021
Research Process I: Foundations and Scholarly Literature (OT-610)	2019-present
Independent Study: Two-Week Interprofessional Experience in China (NS-599 and OT-899)	2019-2020
Disseminating Theory and Science into Advancing the Practice of Nursing (DNP-967)	2018-present
Creating Innovative Health Care Systems (DNP-966)	2018-present
Analyzing the Context of Health Systems Transformation (DNP-867)	2018-present
Discovering the Theory and Science of Doctoral Nursing Practice (DNP-866)	2018-present
Research Process III: Implementation and Application (OT-612)	2018-present
Intermediate Biostatistics (HP-850)	2016-2018
Research for Clinical Practice (NH-720)	2015-present

#### **Curriculum Development**

Doctor of Nursing Practice Part-Time Program	2023-2024
Critical Theories and Research Methods in Occupational Therapy Practice (OT-883)	2020
Two-Week Interprofessional Experience in China (NS-599 and OT-899)	2019-2022
Three-Month Interprofessional Experience for Visiting Scholars from China	2019

### **External Education Activities**

Research and Statistics Online Training, Shenzhen Second People's Hospital, Shenzhen, China	2021-2022
Elderly Care Services in the U.S., Shenzhen Hospital of Guangzhou University of Chinese Medicine, Shenzhen, China	2020
How to Conduct Clinical Research, Shenzhen Hospital of Guangzhou University of Chinese Medicine, Shenzhen, China	2019
Residents' Didactics – Biostatistics, Spaulding Rehabilitation Hospital, Boston, MA	2018-2019
Evidence-Based Practice, Shenzhen Hospital of Guangzhou University of Chinese Medicine, Shenzhen, China	2018
Evidence-Based Practice, Shenzhen Baoxing Hospital, Shenzhen, China	2016
How to Conduct Clinical Research, Nan'ao People's Hospital, Shenzhen, China	2016

### **Mentoring**

#### **Students**

Truc Nguyen and Alexander Kwapis, Direct-Entry M.S. in Nursing students for their scholarly project "Effect of respiratory-gated auricular vagal afferent nerve stimulation (RAVANS) on post-treatment Lyme disease syndrome"	2023
Valerie Smith, Direct-Entry M.S. in Nursing student for her scholarly project "Current understanding and pharmacological treatment of Alzheimer's disease"	2023
Melissa Shaw, Direct-Entry Doctor of Occupational Therapy student for her Advanced Doctoral Experience project "Program evaluation of occupational therapy level II fieldwork"	2022
Brittan Morris, Direct-Entry M.S. in Nursing student for her scholarly project "A scoping review of treatments for the minimally conscious state"	2021
Aleksandra Golly, Direct-Entry M.S. in Nursing student for her scholarly project "Impact of cognitive training on brain neuroplasticity in the management of mild cognitive impairment and Alzheimer's dementia: A systematic review"	2021
Salem Samson, Direct-Entry M.S. in Nursing student as an Interprofessional Networked Mentee	2020-2021

Elena Zarcaro, Direct-Entry M.S. in Nursing student for her scholarly project "A scoping review of non-pharmacological interventions for recovery from vegetative or minimally conscious states"	2020
Emily Koella, Direct-Entry M.S. in Nursing student for her scholarly project "Antiracist and cross-cultural interventions in nursing schools: Effective interventions using the word racism"	2020
Haili Tang, occupational therapist from Shenzhen Baoxing Hospital (Shenzhen, China) for her training as a visiting scholar for three months	2019
Man Luo, physical therapist from Shenzhen Baoxing Hospital (Shenzhen, China) for her training as a visiting scholar for three months	2019
Qipeng Weng, physical therapist from Shenzhen Baoxing Hospital (Shenzhen, China) for his training as a visiting scholar for three months	2019
Eun Chung Hong, Direct-Entry M.S. in Nursing student for her scholarly project "Implementing a Lung Cancer Screening Protocol in Korea: Are the U.S. Guidelines Sufficient?"	2019
Alisa Bjorkman, Shelby Horn, and Julia Nadel, Direct-Entry Doctor of Occupational Therapy students for their Advanced Doctoral Experience projects	2019
Han Xu, Ph.D. student from Zhengzhou University (Zhengzhou, China) for his training as a visiting scholar for one year	2016-2017
Bryan Saint-Louis, B.S. student from University of Massachusetts Dartmouth for his participation in the Brigham and Women's Hospital Student Success Jobs Program for one summer	2015

### **Faculty**

Tara Mansour, Department of Occupational Therapy, MGH Institute of Health Professions	2023-present
Kerri O'Regan, Term Lecturer, School of Nursing, MGH Institute of Health Professions	2023-present
Sunny Winstead, Assistant Professor, Department of Occupational Therapy, MGH Institute of Health Professions	2022-2023
Eliezer Bose, Associate Professor, School of Nursing, MGH Institute of Health Professions	2020
Roksolana Starodub, Assistant Professor, School of Nursing, MGH Institute of Health Professions	2020

### **Professional Development**

Mentorship Academy (MGH Institute of Health Professions, Boston)	2024
Climate for Health Ambassador Training (ecoAmerica, online training)	2023
Inclusive Leadership Program (Association of Independent Colleges and Universities in Massachusetts, Boston)	2023
Equity Advocate Training (MGH Institute of Health Professions, Boston)	2021

HP-712 Fundamentals of Teaching & Learning (MGH Institute of Health Professions, Boston)	2018
Good Clinical Practice in Research at an Academic Research Institution (Massachusetts General Hospital, Boston)	2018
Design Course Institute (MGH Institute of Health Professions, Boston)	2018

### **Professional Memberships and Activities**

Co-chair, JEDI Assessment Subcommittee, Justice, Equity, Diversity, and Inclusion Committee, Association of Schools Advancing Health Professions
Member, American Association for Cancer Research
Member, International Society of Interferon and Cytokine Research
Member, American Association for the Advancement of Science
Member, American Society of Hematology

### **Editorial Board**

Editor Board Member, <i>Brain Network and Modulation</i>	2022-present
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### **Institutional Service (at MGH Institute of Health Professions)**

Responsible Leader, Strategic Plan	2024
Member, Commencement Committee	2024
Member, New England Commission of Higher Education Accreditation Interim Report Working Group	2024
Member, Department of Physical Therapy Chair Search Committee	2023-2024
Member, Academic and Student Affairs Committee of the Board of Trustees	2023-2024
Chair, Faculty Senate	2023-2024
Co-chair, Strategic Plan Steering Group	2023
Member, Department of Occupational Therapy Advanced Doctoral Experience Steering Committee	2022-present
Member, Center for Climate Change, Climate Justice, and Health Steering Committee	2022-present
Chair-Elect, Faculty Senate	2022-2023
Chair, School of Nursing Nominating Committee	2022-2023
Member, Dean of School of Healthcare Leadership Search Committee	2022
Member, School of Nursing Awards & Recognition Committee	2021-present
Member, School of Nursing Nominating Committee	2021-2022
Advisory board member, International Student, Scholar, and Alumni Club	2020-2022
Co-chair, Faculty Senate Nominating Committee	2020-2022
Member, School of Nursing Research Taskforce	2020-2021

Thesis Committee Member for June Okada, Master of Science in Speech and Language Pathology student	2020-2021
Reviewer, Faculty Research Fellowship Program	2020
Member, Assistant/Associate Professor of Quantitative Methods Faculty Search Committee	2020
Member, Post-Professional Doctor of Occupational Therapy Faculty Search Committee	2020
Facilitator, Power, Privilege, and Positionality Program	2020-present
Coordinator, School of Nursing Scholarship of Discovery Seed Grant	2019-2020, 2022
Member, Faculty Senate Nominating Committee	2019-2020
Proposal reviewer, School of Nursing Scholarship of Discovery Seed Grant	2019
Peer reviewer of faculty teaching, School of Nursing	2019
Faculty advisor, Students for Racial Justice in Healthcare	2018-2021
Faculty leader, Community IMPACT Day	2012-2023
Member, School of Nursing Evaluation Committee	2018-2021
Member, School of Nursing Global Immersion Steering Group	2018-2019
Chair, School of Nursing Peer Review Committee	2017-2020
Member, School of Nursing Global Health Initiatives Group	2016-2019
Member, School of Nursing Peer Review Committee	2016-2017
Member, School of Nursing Competency Task Force	2016-2017
Translator, IMPACT Health Mentor	2015
Member, Campus Expansion Team	2012-2013

**Community Service**

Volunteer coordinator of food service for the homeless, Boston Rescue Mission, Boston, MA	2013-2022
Teacher of Community English Class, Boston Chinese Evangelical Church, Boston, MA	2015-2017
Coordinator of World Vision's "Boston Hope" care kit-assembly event for Sierra Leone's Ebola outbreak, Boston Chinese Evangelical Church, Boston, MA	2015