

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

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

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

Academic Appointments

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

Honors/Awards

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

The medical and aged care model system of Alzheimer's disease (Sanming Project of Medicine in Shenzhen, China); annual direct costs: \$300,000; role on project: Core Member (2017-2022)

Effects of COVID-19 on student nurses' resilience and mental wellbeing (MGH Institute of Health Professions COVID-19 Small Grant Research Award); annual direct costs: \$2720; role on project: Co-Investigator (2020-2021)

Characteristics of the patient population at a Covid-19 non-congregate shelter: an analysis of socioeconomic, housing, and health risk factors (MGH Institute of Health Professions COVID-19 Small Grant Research Award); annual direct costs: \$4250; role on project: Co-Investigator (2020-2021)

Regulation of IL-1beta production by Mcl-1 (MGH Institute of Health Professions Faculty Research Fellowship; annual direct costs: \$10,000; role on project: Principal Investigator (2015-2016)

Targeting IL-1beta as a strategy for symptom control in cancer (NIH 1R01NR013171); annual direct costs: \$397,500; role on project: Research Associate (2012-2016)

Inflammatory responses in the toxicity of ricin (NIH 1R01A1059335; annual direct costs: \$250,000; role on project: Research Associate (1999-2010)

Training Program in Cancer Cell Biology (NIH 5T32CA101690); annual direct costs: \$312,905; role on project: Postdoctoral Trainee (2003-2005)

Inflammatory and apoptosis in experimental HUS (NIH 1R01DK066439); annual direct costs: \$226,500; role on project: Research Associate (2005-2008)

Inflammatory mechanisms in the toxicity of ricin (NIH 2R56AI059335); annual direct costs: \$385,000; role on project: Research Associate (2010-2011)

Mechanism of Cancer Treatment Related Symptoms (NIH 1R01NR012479); annual direct costs: \$385,000; role on project: Postdoctoral Researcher (2010-2015)

Publications

1. Breakey, S., Starodub, R., Nicholas, P. K., & **Wong, J.** (in press). A cross-sectional study to assess faculty and student knowledge of climate change and health: Readiness for curricular integration. *Journal of Advanced Nursing*. <https://doi.org/10.1111/jan.15729>
2. Sabo, K., **Wong, J.**, & Lopez, R. P. (in press). Loneliness and unmet needs of older adults living in publicly supported housing. *Research in Gerontological Nursing*. <https://doi.org/10.3928/19404921-20230606-02>
3. 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>
4. 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>
 5. 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>
 6. 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>
 7. 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>
 8. 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>
 9. 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>
 10. 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>
 11. 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>
 12. 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>
 13. 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>
 14. 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>
 15. 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>

16. 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>
17. 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>
18. 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>
19. 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>
20. 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>
21. 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>
22. 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>
23. **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>
24. 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>
25. **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>
26. 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>
27. **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>

28. **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>
29. 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>
30. 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>
31. Lindauer, M., **Wong, J.**, & Magun, B. (2010). Ricin toxin activates the NALP3 inflammasome. *Toxins*, 2(6), 1500-1514. <https://doi.org/10.3390/toxins2061500>
32. 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>
33. **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>
34. **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>
35. 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>
36. 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>
37. 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>
38. 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)
39. 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>

40. Iordanov, M., **Wong, J.**, Bell, J. C., & Magun, B. E. (2001). The activation of NF- κ B 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>
41. 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>
42. 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>
43. 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>
44. 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>
45. **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>
46. **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>
47. **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

- 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 on May 18, 2023.
- 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., Kelley, C. M., **Wong, J.**, Dittrich, M., Begin, A., Beatty, K., Donovan, E., Cannone, K., Mlincek, M., & Fayad, Z. (2023, April 20-23). *Pre-operative 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.
- 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.**, Wucherpennig, 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.**, & Wucherpennig, 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.
- 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]. IHP 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. <http://communities.enrs-go.org/conference/scientific-sessions/sessions-201827726200>
- 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.

- 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.
- 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.

Courses Taught

Research Process II: Methods and Design (OT-611): 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

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 at the IHP: 2019

External Education Activities

Research and Statistics Online Training, Shenzhen Second People's Hospital, Shenzhen, China (February 2021-October 2022)

Elderly Care Services in the U.S., Shenzhen Hospital of Guangzhou University of Chinese Medicine, Shenzhen, China (January 2020)

How to Conduct Clinical Research, Shenzhen Hospital of Guangzhou University of Chinese Medicine, Shenzhen, China (January 2019)

Residents' Didactics – Biostatistics, Spaulding Rehabilitation Hospital, Boston, MA (2018-2019)

Evidence-Based Practice, Shenzhen Hospital of Guangzhou University of Chinese Medicine, Shenzhen, China (April 2018)

Evidence-Based Practice, Shenzhen Baoxing Hospital, Shenzhen, China (July 2016)

How to Conduct Clinical Research, Nan'ao People's Hospital, Shenzhen, China (July 2016)

Student Mentoring

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 students 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)

Professional Development

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

American Association for Cancer Research

International Society of Interferon and Cytokine Research

American Association for the Advancement of Science

American Society of Hematology

Editorial Board

Brain Network and Modulation

Institutional Service

Chair, IHP Faculty Senate (2023-present)

Co-chair, IHP Strategic Planning Task Force (2023)

Member, OT Department Advanced Doctoral Experience Steering Committee (2022-present)

Member, SON Center for Climate Change, Climate Justice, and Health Steering Committee (2022-present)

Chair-Elect, IHP Faculty Senate (2022-2023)

Chair, IHP School of Nursing Nominating Committee (2022-2023)

IHP faculty mentor for Post Professional Occupational Therapy Assistant Professor Sunny Winstead (2022-2023)

Member, IHP Dean of School of Healthcare Leadership Search Committee (2022)

Member, IHP School of Nursing Awards & Recognition Committee (2021-present)

Member, IHP School of Nursing Nominating Committee (2021-2022)

Advisory board member, IHP International Student, Scholar, and Alumni Club (2020-2022)

Co-chair, IHP Senate Nominating Committee (2020-present)

Member, IHP School of Nursing Research Taskforce (2020-present)

Thesis Committee Member for June Okada, IHP Master of Science in Speech and Language Pathology student (2020-2021)

Reviewer, IHP Faculty Research Fellowship Program (2020)

Member, IHP Assistant/Associate Professor of Quantitative Methods Faculty Search Committee (2020)

Member, IHP Post-Professional Doctor of Occupational Therapy Faculty Search Committee (2020)

Facilitator, IHP Power, Privilege, and Positionality Program (2020-present)

Coordinator, IHP School of Nursing Scholarship of Discovery Seed Grant (2019-2020, 2022)

Member, IHP Senate Nominating Committee (2019-2020)

Proposal reviewer, IHP School of Nursing Scholarship of Discovery Seed Grant (2019)

Peer reviewer of faculty teaching, School of Nursing (2019)

Faculty advisor, IHP Students for Racial Justice in Healthcare (2018-present)

Faculty leader, IHP Community IMPACT Day (2012-2015, 2018-2019)

Member, IHP School of Nursing Evaluation Committee (2018-2021)

Member, IHP School of Nursing Global Immersion Steering Group (2018-2019)

IHP liaison and coordinator, collaboration with China (2017-present)

Chair, IHP School of Nursing Peer Review Committee (2017-2020)
Member, IHP School of Nursing Global Health Initiatives Group (2016-2019)
Member, IHP School of Nursing Peer Review Committee (2016-2017)
Member, IHP School of Nursing Competency Task Force (2016-2017)
Translator, IHP IMPACT Health Mentor (2015)
Member, IHP 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 at Boston Chinese Evangelical Church, Boston, MA (2015)