

## CURRICULUM VITAE

**Juliana Souza-Talarico, BSN, RN, MSN, PhD**

Associate Professor

College of Nursing, 486 CNB  
The University of Iowa  
Iowa City, Iowa 52242  
(319) 467-1526 · talaricoj@uiowa.edu

Updated 02-6-25

### EDUCATION

2013 Postdoctoral, Psychobiology, Federal University of Sao Paulo, Brazil  
2011 Postdoctoral stage, Universite de Montreal, Canada.  
2009 PhD, Nursing, University of Sao Paulo, Brazil, internship at McGill University, Canada.  
2005 MSN, Nursing, University of Sao Paulo, Brazil  
2003 BSN, Nursing, University of Sao Paulo, Brazil

**PhD Dissertation:** Effect of cortisol levels on memory performance in patients with mild cognitive impairment and Alzheimer's Disease.

### LICENSURE

2020-present RN, Iowa Board of Nursing # 160125  
2004-2020 RN, Sao Paulo, Board of Nursing, # 116132

### PROFESSIONAL EXPERIENCE

#### Academic Appointments

2020 – present Associate Professor, University of Iowa, College of Nursing, Iowa City, IA  
2019 – 2020 Associate Professor, University of Sao Paulo, School of Nursing, Brazil  
2010 – 2018 Assistant Professor, University of Sao Paulo, School of Nursing, Brazil

#### Clinical Appointments

2004 – 2005 Registered Nurse, Intensive Care Unit, University Hospital of Sao Paulo, Brazil  
2005 – 2007 Registered Nurse, Health Care Unit, University of Sao Paulo, Brazil

### HONORS AND AWARDS

2024 Fellowship American Academy of Nursing  
2024 Scholarship Award, College of Nursing, University of Iowa (USA)  
2023 Travel Fellowship Award, Alzheimer's Association (USA)  
2023 Outstanding New Volunteer of the Year Award, Alzheimer's Association – Iowa Chapter (USA)  
2022 Early Career Scholar abstract from low and middle-income countries Award, International Society of Psychoneuroendocrinology (USA)  
2018 Travel Fellowship Award, Alzheimer's Association (USA)  
2016 Best Oral Presentation, Scientific Award, National Congress of Nurses (Brazil)  
2016 Best Multidisciplinary Practice, Scientific Award, Brazilian Society of Hypertension  
2012 Research Grant Award, NANDA - International Foundation (USA)  
2012 Honorable Mention, Scientific Award, Brazilian Institute of Neuropsychology and Behavior

2010 Best Oral Presentation, Scientific Award, Faculty of Medicine of Jundiaí (Brazil)  
 2010 Honorable Mention, Scientific Award, Faculty of Medicine of Jundiaí (Brazil)  
 2010 Professor honored, Faculty of Medicine of Jundiaí (Brazil)

## RESEARCH

### Funded Research Grants-Extramural (over \$1,500 million as PI, Co-I, or Collaborator)

#### Active

2023 – 2025 The International Indigenous Dementia Research Network Annual Conference. Role: Consultant/Collaborator  
 Funded by: NIA (R13); US\$ 250,000

#### Completed

2022 – 2024 Allostatic states of stress and preclinical stages of cognitive dysfunction. Role: PI  
 Funded by: Alzheimer's Association (AARG-D); US\$ 150,000

2022 – 2023 Dementia and cognitive impairment in urban indigenous population. Role: PI.  
 Funded by: Fundacao Oswaldo Cruz FIOCRUZ Amazonia); - RA scholarship US\$ 26,400

2017 – 2023 Effects of puberal development on self-regulation of behavior and its relation with present and past life condition. Role: Co-investigator  
 Funded by: São Paulo Research Foundation (FAPESP) # 2016/14750-0; US\$ 380,000

2018 – 2021 Management of stress symptoms in nursing professionals through the use of alternative and complementary health practices: a randomized clinical trial. Role: Co-investigator  
 Funded by: São Paulo Research Foundation (FAPESP) # 2017/19645-2; US\$ 182,577

2018 – 2019 Environmental contaminants and psychological stress as predictors of cognitive decline during aging. Role: PI  
 Funded by: São Paulo Research Foundation (FAPESP) # 2018/05759-9; US\$ 8,000

2018 – 2019 Environmental contaminants and psychological stress during aging. Role: PI  
 Funded by: Alzheimer's Association; US\$ 4,000

2014 – 2017 Cardiovascular risk and allostatic load in nursing professionals working in oncology: psychosocial and work-related variables. Role: Co-investigator.  
 Funded by: São Paulo Research Foundation (FAPESP) # 2014/10321-1; US\$ 120,000

2015 – 2016 Cross-country discrepancies on public understanding of stress concepts: evidence for stress-management psychoeducational programs. Role: PI  
 Funded by: São Paulo Research Foundation (FAPESP) #2015/21163-0; US\$ 16,000

2014 – 2015 Influence of sleep quality in the cortisol levels in healthy elderly. Role: PI  
 Funded by: São Paulo Research Foundation (FAPESP) #; US\$ 8,000

2013 – 2015 Chronic stress biomarkers and cognitive performance in nursing staff. Role: PI  
 Funded by: São Paulo Research Foundation (FAPESP) # 2013/01637-2; US\$ 70,000

2013 – 2015 Acute stress and memory performance in older adults. Role: PI

Funded by: São Paulo Research Foundation (FAPESP) # 2010/20515-7; US\$ 70,000

- 2013 – 2014 Influence of socioeconomic status on saliva samples compliance to the analysis of cortisol in elders. Role: PI  
Funded by: São Paulo Research Foundation (FAPESP) # 2013/08089-0; US\$ 8,000
- 2011 – 2013 Self-Care deficit for instrumental daily life activities in health elderly individuals and patients with mild Alzheimer's disease: clinical evidence for a proposal of a new nursing diagnosis. Role: PI  
Funded by: NANDA-I Foundation; US\$ 1,500
- 2009 – 2013 Exposure to environmental contaminants and cognitive decline in healthy elderly: influence of psychosocial stress and oxidative stress. Role: Co-investigator  
Funded by: São Paulo Research Foundation (FAPESP) # 2009/13911-6; US\$ 125,000
- 2010 – 2012 Influence of sugar and alcohol industry occupation on neuroendocrine stress activity, cardiorespiratory and on cognitive performance in sugar cane workers. Role: Co-investigator  
Funded by: São Paulo Research Foundation (FAPESP) # 2009/54885-8; US\$ 125,000

### **Funded Research Grants-Intramural**

#### **Active**

- 2024-2025 Engaging Rural Communities to Understand Psychosocial Stress Impacting Brain Health in Latino Middle-Aged and Older Adults. Role: PI  
Funded by: Csomay Center for Gerontological Excellence under Optimal Aging Initiative Fund; US\$ 30,000
- 2023 – 2025 Community-engaged approaches to develop dementia risk reduction protocol and procedures for primary care settings serving underserved adults. Role: PI  
Funded by: Csomay Center for Gerontological Excellence from JD and Jill Thoreson Optimal Aging Initiative Fund; US\$ 60,000

#### **Completed**

- 2020 – 2023 Cognitive decline among older adult residents in long-term care facilities during the COVID-19 pandemic. Role: PI.  
Funded by: The University of Iowa, College of Nursing, startup funding; US\$ 20,000
- 2019 - 2020 Stress mindset and cortisol concentration in mid-life. Role: PI.  
Funded by: University of São Paulo (USP) US\$ 4,800
- 2017 - 2018 Stress mindset and depression symptoms during aging. Role: PI.  
Funded by: University of São Paulo (USP) US\$ 4,800
- 2011 – 2012 Subjective decline of memory and stress neuroendocrine activity in healthy elders. Role: PI  
Funded by: University of São Paulo (USP) US\$ 8,000

### **Submitted or Un-sponsored Scientific/ Educational Research and Other Projects**

- 2025 - Evaluating the effectiveness of a Mobile Health Clinic based Dementia Risk Reduction Program for People with Health Disparities  
Role: PI  
Funding agency: NIMHD (under review since Feb.5, 2025)

- 2025 Environmental and Social Stressors in Alzheimers' Disease and Related Dementia Risk in Rural Populations  
Role: PI  
Funding agency: NIEHS RFA – Environmental Health Science Research Center at the UI
- 2022 – 2024 Machine Learning Models of Allostatic Load States to Predict Cognitive Impairment Risk.  
Role: PI  
Funding agency: (unfunded, article under preparation)
- 2022 – 2023 Loneliness and cognitive decline in older adults during COVID-19 pandemic: systematic review. Role: PI (unfunded, article under review)
- 2021 – 2022 Relationship between psychological stress and telomere length from adulthood to aging: a systematic review. Role PI (unfunded, article published)
- 2019 – 2022 Psychological and Biological stress markers in older adults: The Brazilian Memory and Aging Study (BRAMS). Role: Co-investigator (unfunded; article published)
- 2016 – 2018 Prevalence of dementia and cognitive impairment in the elderly Indigenous population.  
Role: PI (unfunded; article published)

**PEER REVIEWED PUBLICATIONS** (Google Scholar: h-index 21; i10-index 30; Citations: 1398)

Scholar: <https://scholar.google.com/citations?user=4eVMOUlAAAAJ&hl=en>

ORCID ID: <https://orcid.org/0000-0001-8820-0725>

\* = Data-based, **Bold = my authorship**; Underlined = lead author (first or senior), † shared first authorship; # student or trainee included

1. \*†#Harb, A., **Souza-Talarico, J. N.**, Willey, G., da Silva, F. C., Jesus, M. C., & Deberg, J. (2025). Loneliness during the COVID-19 pandemic: A potential risk factor for post-pandemic cognitive decline in older adults without dementia. *Dementia & Neuropsychologia*. (in press)
2. \*#Bezerra, C. C., Barbosa, B. J. A. P., Toledo, N. N., Brucki, S. M. D., Sampaio, R. L., & **Souza-Talarico, J. N.** (2024). Dementia and cognitive impairment in an urban multiethnic indigenous community from Amazonas. *\*Dementia and Geriatric Cognitive Disorders EXTRA*, 19\*(1), 8–18.
3. \*#Anderson, A. R., **Souza-Talarico, J. N.**, Mahajan, I., Monroe, T. B., Tan, A., Mackos, A. R., Ford, J. L., Wright, K. D., Gure, T., Rose, K. M., & Moss, K. O. (2024). Dyadic comparison of pain and stress in Alzheimer's disease and caregivers. *\*Pain Management Nursing\**. Advance online publication. <https://doi.org/10.1016/j.pmn.2024.00274-1>
4. \*†#Barbosa, B. J. A. P., **Souza-Talarico, J. N.**, Jesus, M. C. F., Mota, G. P. S., Oliveira, M. O., Cassimiro, L., Avolio, I. M. B., Trés, E. S., Borges, C. R., Teixeira, T. B. M., & Brucki, S. M. D. (2024). Allostatic load measures in older adults with subjective cognitive decline and mild cognitive impairment: A cross-sectional analysis from the Brazilian Memory and Aging Study. *\*Clinical Neurology and Neurosurgery*, 243\*, 108365.
5. \*#Bezerra, C. C., Toledo, N. N., Silva, D. F., Silva, F. C., Duarte, V. V., Brucki, S. M. D., Lo Giudice, D., Fonseca, L. M., & **Souza-Talarico, J. N.** (2024). Culturally adapted cognitive assessment tool for indigenous communities in Brazil: Content, construct and criterion validity. *\*Alzheimer's & Dementia*, 16\*, e12591.

6. Mope, A., Fink, A. M., Shen, Q., **Souza-Talarico, J. N.**, Timm, J., Anderson, C., & Buckwalter, K. (2024). Growing the next generation of nurse leaders: A report of the process and outcomes of the Midwest Nursing Research Society Leadership Academy. *Western Journal of Nursing Research*. Advance online publication. <https://doi.org/10.1177/1939459241244922>
7. \*Aljadani, R., Carnahan, R., Culp, K., & **Souza-Talarico, J. N.** (2024). COVID-19 pandemic impact on the trajectories of cognitive decline and depression symptoms in long-term care facility residents. *\*Journal of the American Medical Directors Association, 25\**, 328-334.e6.
8. \***Souza-Talarico, J. N.**, Chesak, S., Elizalde, N., Liu, W., Moon, C., da Costa Ferreira Oberfrank, N., Rauer, A. J., Takao, C. L., Shaw, C., Saravanan, A., Palacio, F. G. L., & Buck, H. (2024). Exploring the interplay of psychological and biological components of stress response and telomere length in the transition from middle age to late adulthood: A systematic review. *\*Stress and Health\**. Advance online publication. <https://doi.org/10.1002/smi.3389>
9. \*Coelho, D., Yamaguchi, S. T. F., Harb, A., & **Souza-Talarico, J. N.** (2024). Effort-reward and overcommitment at work and psychiatric symptoms in healthcare professionals: The mediation role of allostatic load. *\*Comprehensive Psychoneuroendocrinology, 7\**, 100225.
10. \*Bezerra, C. C., Toledo, N. N., Brucki, S. M. D., & **Souza-Talarico, J. N.** (2023). COVID-19 and cognitive and mental health during post-infection phase: A study among middle-aged and older indigenous adults from Brazilian Amazons. *\*Gerontology Series B\**. Advance online publication. <https://doi.org/10.1093/geronb/gbad197>
11. Sichieri, K., Garcia, P. C., Nishi, F. A., **Souza-Talarico, J. N.**, et al. (2023). Searching for care excellence in a Brazilian university hospital: The evidence-based nursing nucleus. *Global Implementation Research and Applications, 3*, 380–389.
12. \*Silva, D., Ferreira, J., Oliveira, Y. A. D., & **Souza-Talarico, J. N.** (2023). Family dysfunction and cognitive decline in aging: The SABE (health, wellbeing and aging) longitudinal population-based study. *\*Dementia & Neuropsychologia\**. Advance online publication. <https://doi.org/10.1590/1980-57642023dn15-010001>
13. Ferretti-Rebustini, R. E. L., **Souza-Talarico, J. N.**, Fhon, J. R. S., & Greenberg, S. A. (2022). The role of assessment in competence-based gerontological advanced practice nursing. *Revista da Escola de Enfermagem da USP, 56*(spe), e20220072.
14. \*Carvalho, A. P., Brucki, S. M. D., Nitrini, R., Bezerra, C. C., Silva, F. C., & **Souza-Talarico, J. N.** (2022). Prevalence of cognitive impairment in Brazilian indigenous community from Amazonas. *\*Dementia & Neuropsychologia\**. Advance online publication. <https://doi.org/10.1590/1980-57642022dn15-010001>
15. \*Seixas, P. H. C., **Souza-Talarico, J. N.**, Turrini, R. N. T., & Gnatta, J. R. (2022). Aromatherapy in nursing residents in the COVID-19 pandemic: A pilot study. *\*Investigación en Enfermería: Imagen y Desarrollo, 24\**.
16. \***Souza-Talarico, J. N.**, Santos, S., Trevisan Zanetta, D. M., Marcourakis, T., & de Paula Santos, U. (2022). Association between awakening cortisol levels and cardiovascular performance in sugarcane rural workers. *\*Stress and Health, 38\**(1), 102-110.
17. Suchecki, D., **Souza-Talarico, J. N.**, Hamani, C., & Olivier, J. D. (2021). Editorial: The complex biopsychosocial interactions that create stress resilience. *Frontiers in Behavioral Neuroscience, 15*, 795312.
18. \***Souza-Talarico, J. N.**, Bromberg, E., Santos, J. L. F., Freitas, B. S., Silva, D. F., & Duarte, Y. A. O. (2021). Family and community support, brain-derived neurotrophic factor, and cognitive performance

in older adults: Findings from the Health, Wellbeing and Aging Study population-based cohort.

\*Frontiers in Behavioral Neuroscience, 15\*, 717-847.

19. \*#de Souza, T. P. B., Kurebayashi, L. F. S., **Souza-Talarico, J. N.**, & Turrini, R. N. T. (2021). The effectiveness of chair massage on stress and pain in oncology. \*International Journal of Therapeutic Massage & Bodywork, 14\*(3), 27-38.
20. \*#**Souza-Talarico, J. N.**, Silva, F. C., Maia, F. O. M., Garcia, P., Matos, T. M., Nascimento, T. S., Cardoso, D., & Sichieri, K. (2021). Screening and detection of delirium in an adult critical care setting: A best practice implementation project. \*International Journal of Evidence-Based Healthcare\*. Advance online publication. <https://doi.org/10.1097/XEB.0000000000000274>
21. \*#**Souza-Talarico, J. N.**, Suemoto, C. K., Santos, I., Griep, R., Yamaguti, S. T. F., Lotufo, P., & Bensenõr, I. (2020). Work-related stress and cognitive performance among middle-aged adults: The Brazilian Longitudinal Study of Adult Health (ELSA-Brasil). \*Stress and Health, 36\*(1), 19-30.
21. \*#**Souza-Talarico, J. N.**, Alves, A. R., Brucki, S. M. D., Nitrini, R., Lupien, S. J., & Suchecki, D. (2020). Cortisol reactivity to a psychosocial stressor significantly increases the risk of developing cognitive impairment no dementia five years later. *Psychoneuroendocrinology, 115*, 104601.
22. \*#Barbosa, B. J. A. P., **Souza-Talarico, J. N.**, Nitrini, R., & Brucki, S. M. D. (2019). Reader response: Circulating cortisol and cognitive and structural brain measures: The Framingham Heart Study. *Neurology, 93*, 685.
23. \*#Nascimento, J. O. V., Santos, J., Meira, K. C., Pierin, A. M. G., & **Souza-Talarico, J. N.** (2019). Shift work of nursing professionals and blood pressure, burnout and common mental disorders. *Revista da Escola de Enfermagem da USP, 53*, e03443.
24. \*#Matos, T. M., & **Souza-Talarico, J. N.** (2019). How stress mediators can cumulatively contribute to Alzheimer's disease: An allostatic load approach. *Dementia & Neuropsychologia, 13*, 11-21.
25. \*#Santos, A. T., Leyendecker, D. M. D., Costa, A. L. S. C., & **Souza-Talarico, J. N.** (2018). Relationship between cortisol reactivity to psychosocial stress and declarative memory decline during aging: Impact of age and sex. *Geriatrics & Gerontology International, 18*, 169-176.
26. \*#Oliveira, M. M., Mota, D. D. C. F., & **Souza-Talarico, J. N.** (2018). Pre-operative fatigue in cancer patients: Prevalence and associated factors. *Revista Eletrônica de Enfermagem, 20*, v20a17.
27. \*#Esplendori, G. F., Costa, A. L. S., & **Souza-Talarico, J. N.** (2018). Relationship between perceived stress with coping and with stressors of patients in preoperative myocardial revascularization. *Aquichan, 18*, 43-55.
28. \*#**Souza-Talarico, J. N.**, Marcourakis, T., Barbosa, F., Barros, S. B. M., Rivelli, D. P., Pompéia, S., Caramelli, P., Plusquellec, P., Lupien, S. J., Catucci, R. F., Alves, A. R., & Suchecki, D. (2017). Association between heavy metal exposure and poor working memory and possible mediation effect of antioxidant defenses during aging. *Science of The Total Environment, 575*, 750-757.
29. \*#**Souza-Talarico, J. N.**, Suchecki, D., Juster, R. P., Plusquellec, P., Barbosa Junior, F., Bunscheit, V., Marcourakis, T., De Matos, T. M., & Lupien, S. J. (2017). Lead exposure is related to hypercortisolemic profiles and allostatic load in Brazilian older adults. *Environmental Research, 154*, 261-268.
30. \*#**Souza-Talarico, J. N.**, Benavente, S. B. T., Alves, A. R., Maia, F. O. M., & Costa, A. L. S. (2017). Association between perceived psychological stress and cognitive decline in aging: A systematic review protocol. *The JBI Database of Systematic Reviews and Implementation Reports, 5*, 220-229.
31. \*#Takeda, J. R. T., Matos, T. M., & **Souza-Talarico, J. N.** (2017). Cardiovascular risk factors and cognitive performance in aging. *Dementia & Neuropsychologia, 11*, 442-448.

32. **\*Souza-Talarico, J. N.**, Carvalho, A. P., Brucki, S. M. D., Nitrini, R., & Ferreti-Rebustini, R. E. L. (2016). Dementia and cognitive impairment prevalence and associated factors in indigenous populations: A systematic review. *Alzheimer's Disease and Associated Disorders*, 30(3), 281-287.
33. **\*Souza-Talarico, J. N.**, Santos, S., Fialho, P. P. A., Wan, N., Chaves, E. C., Bianchi, E., Caramelli, P., Santos, A. T., & Lupien, S. J. (2016). Cross-country discrepancies on public understanding of stress concepts: Evidence for stress-management psychoeducational programs. *BMC Psychiatry*, 16, 181.
34. **\*Oliveira, M., Oliveira, G., Souza-Talarico, J. N., & Mota, D. D. C. F.** (2016). Surgical oncology: Evolution of postoperative fatigue and factors related to its severity. *Clinical Journal of Oncology Nursing*, 20(1), E3-8.
35. **\*Yamaguti, S. T. F., Mendonça, A. R. B., Coelho, D., Machado, A. L., & Souza-Talarico, J. N.** (2015). Atypical secretion of cortisol in nursing professionals. *Revista da Escola de Enfermagem da USP*, 49, 109-116.
36. **\*Souza-Talarico, J. N.**, Plusquellec, P., Lupien, S. J., Fiocco, A. J., & Suchecki, D. (2014). Cross-country differences in basal and stress-induced cortisol secretion in older adults. *PLOS ONE*, 9(8).
37. **\*Santos, A. T., Leyendecker, D. D., Costa, A. L. S., & Souza-Talarico, J. N.** (2012). Subjective memory complaint in healthy elderly: Influence of depressive symptoms, perceived stress and self-esteem. *Revista da Escola de Enfermagem da USP*, 46, 24-9.
38. **\*Mussi, T. V. F., Traldi, M. C., & Souza-Talarico, J. N.** (2012). Knowledge as a factor of vulnerability to tuberculosis among nursing students and professionals. *Revista da Escola de Enfermagem da USP*, 46(3), 696-703.
39. **\*Torres, L. H., Quaglio, N. B., Souza, G. T., Garcia, R. C., Dati, L. M. M., Moreira, W. L., Loureiro, A. P. M., Souza-Talarico, J. N., Smid, J., Porto, C. S., Bottino, C. M., Nitrini, R., Barros, S. B. M., Camarini, R., & Marcourakis, T.** (2011). Peripheral oxidative stress biomarkers in mild cognitive impairment and Alzheimer's disease. *Journal of Alzheimer's Disease*, 26, 59-68.
40. **Souza-Talarico, J. N.**, Marin, M. F., Sindi, S., & Lupien, S. J. (2011). Effects of stress hormones on the brain and cognition: Evidence from normal to pathological aging. *Dementia & Neuropsychologia*, 5, 8-16.
41. **\*Souza-Talarico, J. N.**, Chaves, E. C., Lupien, S. J., Nitrini, R., & Caramelli, P. (2010). Relationship between cortisol levels and memory performance may be modulated by the presence or absence of cognitive impairment: Evidence from healthy elderly, mild cognitive impairment and Alzheimer's disease subjects. *Journal of Alzheimer's Disease*, 19, 839-848.
42. **\*Souza-Talarico, J. N.**, Chaves, E. C., Nitrini, R., & Caramelli, P. (2009). Chronic stress is associated with high cortisol levels and emotional coping mechanisms in amnesic mild cognitive impairment. *Dementia and Geriatric Cognitive Disorders*, 28, 465-470.
43. **\*Souza-Talarico, J. N.**, Caramelli, P., Nitrini, R., & Chaves, E. C. (2009). Stress symptoms and coping strategies in healthy elderly subjects. *Revista da Escola de Enfermagem da USP*, 43(4), 801-807.
44. **\*Carthery-Goulart, M. T., Anghinah, R., Areza-Fegyveres, R., Bahia, V. S., Brucki, S. M. D., Damin, A., Formigoni, A. P., Frota, N., Guariglia, C., Jacinto, A. F., Kato, E. M., Lima, E. P., Mansur, L. L., Moreira, D., Nobrega, A. B., Porto, C. S., Senah, M. L. H., Silva, M. N. M., Smid, J., Radanovic, M., Souza-Talarico, J. N., & Nitrini, R.** (2009). Performance of a Brazilian population on the test of functional healthy literacy in adults. *Revista de Saude Publica*, 43(4), 631-638.

45. \***Souza-Talarico, J. N.**, Caramelli, P., Nitrini, R., & Chaves, E. C. (2008). Effect of cortisol levels on working memory performance in elderly subjects with Alzheimer's disease. *Arquivos de Neuropsiquiatria*, 66(3-B), 619-623.
46. \***Souza-Talarico, J. N.**, Chaves, E. C., Nitrini, R., & Caramelli, P. (2008). Stress and coping in elderly with Alzheimer's disease. *Journal of Clinical Nursing*, 18, 457-465.
47. \***Souza-Talarico, J. N.**, Chaves, E. C., & Caramelli, P. (2007). Coping in aged people with Alzheimer's disease. *Revista Latino Americana de Enfermagem*, 15(1), 93-99.
48. \***Souza-Talarico, J. N.**, Caramelli, P., Nitrini, R., & Chaves, E. C. (2007). The influence of schooling on working memory performance in elderly individuals without cognitive decline. *Dementia & Neuropsychologia*, 1, 276-281.
49. \***Souza-Talarico, J. N.**, & Bertolozzi, M. R. (2007). The vulnerability of nursing workers to tuberculosis in a teaching hospital. *Revista Latino Americana de Enfermagem*, 15, 259-266.
50. \***Souza, J. N.**, & Chaves, E. C. (2005). The effect of memory stimulation exercise in healthy elderly subjects. *Revista da Escola de Enfermagem da USP*, 39(1), 13-19.

### Under review

1. \***Souza-Talarico, J. N.**, Perkhounkova, Y., Hein, M., & Lee, J. (2024). Allostatic load dynamics, Alzheimer's disease biomarkers and progression in individuals with mild cognitive impairment: Findings from the Alzheimer's Disease Neuroimaging Initiative. *Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring*.
2. \*Da Silva, F., Borges, T. P., Kuba, G., Turrini, R. N. T., & **Souza-Talarico, J. N.** (2024). Work-related stress and burnout: The influence of stress mindset on nursing professionals. *Nursing Open*.
3. \*Da Silva, F., Jesus, M. C. F., Borges, T. P., Kuba, G., Turrini, R. N. T., & **Souza-Talarico, J. N.** (2024). Stress mindset, work-related stress and cortisol concentration in nursing professionals. *Nursing and Health Sciences*.

### BOOKS/BOOK CHAPTERS, MONOGRAPHS, EDITED SYMPOSIA

1. #Roehr, S., Caipa, M. P., **Souza-Talarico, J. N.**, Bezerra, C., Furlano, J., Karanja, W., Brucki, S. M. D., & Oliveira, M. O. (2024). Cognitive impairment in indigenous population across the globe. In N. H. Trinh, I. Ahmed, & D. Bhugra (Eds.), *Mental health in older people across cultures*. Oxford, in press.
2. **Souza-Talarico, J. N.** (2023). Cuidados de enfermagem em pacientes com demência hospitalizados. In Y. A. O. Duarte, M. F. F. Vattimo, & K. Sichieri (Eds.), *Enfermagem na saúde do adulto e do idoso*. Editora Atheneu.
3. \***Souza-Talarico, J. N.**, Alves, A. R., & Coelho, D. P. (2018). Estresse e comprometimento cognitivo no envelhecimento. In S. M. D. Brucki, R. M. Magaldi, L. S. Morillo, I. Carvalho, T. R. Perroco, C. M. C. Bottino, W. Jacob Filho, & R. Nitrini (Eds.), *Demência: Abordagem multidisciplinar – das bases patofisiológicas ao tratamento* (2nd ed.). Editora Atheneu.
4. Nogueira, L., Gengo e Silva, R. C., Lopes, J. L., & **Souza-Talarico, J. N.** (2015). Testes laboratoriais: Avaliação hormonal. In J. L. Lopes & R. C. G. Silva (Eds.), *Interpretação de exames laboratoriais* (1st ed., pp. 154-173). Rio de Janeiro: Águia Dourada.



5. Juster, R. P., Seeman, T., McEwen, B. S., Picard, M., Mahar, I., Mechawar, N., Sindi, S., Smith, N. G., **Souza-Talarico, J. N.**, Sarnyai, Z., Lanoix, D., Plusquellec, P., Ouellet-Morin, I., & Lupien, S. J. (2016). Social inequalities and the road to allostatic load: From vulnerability to resilience? In D. Cicchetti (Ed.), *Developmental psychopathology: Risk, resilience, and intervention* (3rd ed., Vol. 4, pp. 381-434). New Jersey: Wiley.
6. Ferreti-Rebustini, R. E. L., **Souza-Talarico, J. N.**, Rebustini, F., & Balbinotti, M. A. A. (2016). Avaliação e intervenção não-farmacológica de idosos com doença de Alzheimer em estágio avançado. In J. M. Montiel, J. E. Martinelli, D. Bartholomeu, & J. F. Cecato (Eds.), *Envelhecimento humano* (1st ed., pp. 213-226). São Paulo: Memnon.
7. **Souza-Talarico, J. N.**, & Ferreti-Rebustini, R. E. L. (2016). Estresse e envelhecimento: Bases neurobiológicas e consequências cognitivas para o idoso. In J. M. Montiel, J. E. Martinelli, D. Bartholomeu, & J. F. Cecato (Eds.), *Human aging* (1st ed., pp. 125-137). São Paulo: Memnon.
8. **Souza-Talarico, J. N.** (2012). Neurological disorders. In M. S. Baird & S. Bethel (Eds.), *Nursing handbook in critical care: Interventions and collaborative behaviors*. Rio de Janeiro: Elsevier.

## ABSTRACTS PUBLISHED IN INDEXED JOURNALS

\* = Data-based, **Bold = my authorship**; Underlined = lead author (first or senior), † shared first authorship; # student or trainee included

1. \***Souza-Talarico, J. N.**, Perkhounkova, Y., & Hein, M. (2024). Patterns of allostatic load and their impact on Alzheimer's disease risk and biomarkers: Insights and clinical implications in the precision medicine era. In *International Society of Psychoneuroendocrinology* (Online).
2. \***Souza-Talarico, J. N.**, Ashida, S., & Newman, L. (2024). Engaging community stakeholders to develop a dementia risk reduction protocol for primary care settings assisting underserved mid-aged and older adults. In *Alzheimer's Association International Conference – 2024*, Philadelphia, USA.
3. \*#Nakanishi, M., Williamson, L., Gelmon, S. B., Nguyen, T. A., Ferri, C. P., & **Souza-Talarico, J. N.** (2024). Global dementia plan: National strategies that mobilize worldwide actions towards the WHO's 2025 target. In *Alzheimer's Association International Conference – 2024*, Philadelphia, USA.
4. \*#Harb, A., da Silva, F. C., de Jesus, M. C. F., Willey, G., & **Souza-Talarico, J. N.** (2024). Loneliness during COVID-19: An overlooked risk factor for post-pandemic cognitive decline in older adults. In *Alzheimer's Association International Conference – 2024*, Philadelphia, USA.
5. \***Souza-Talarico, J. N.**, Perkhounkova, Y., Hein, M., & Lee, J. (2024). Allostatic load and its impact on amyloid, tau, and hippocampus: A potential underlying mechanism explaining variability in Alzheimer's disease pathology and progression. In *Alzheimer's Association International Conference – 2024*, Philadelphia, USA.
6. \*#Harb, A., Capuano, A., Barnes, L., & **Souza-Talarico, J. N.** (2024). Unmasking invisible burdens: A systematic review on perceived discrimination and its impact on allostatic load in Black individuals. In *Alzheimer's Association International Conference – 2024*, Philadelphia, USA.
7. \***Souza-Talarico, J. N.**, Perkhounkova, Y., & Hein, M. (2023). Allostatic load profiles of stress to predict Alzheimer's disease: An accessible opportunity to identify risk at early stages. Featured research session: Psychosocial and other experiential factors at micro-levels and meso-levels related to dementia risk from middle into older age. In *Alzheimer's Association International Conference – 2023*, Amsterdam, Dutch.
8. \*#Bezerra, C. C., Toledo, N. N., Vasconcellos, V., & **Souza-Talarico, J. N.** (2023). Cultural-centered approaches to adapt a cognitive assessment tool in indigenous communities from Amazonas: The

role of participant-researcher partnerships. Featured research session: Patient and public involvement in dementia research: Global perspectives. In Alzheimer's Association International Conference – 2023, Amsterdam, Dutch.

9. \*#Barbosa, B. J. A. P., Jesus, M. C. A., Oliveira, M. O., Cassimiro, L., Avolio, I. B., Trés, E. S., Borges, C. R., Teixeira, T. B. R., **Souza-Talarico, J. N.**, & Brucki, S. M. D. (2023). Allostatic load measures in elderly subjects with mild cognitive impairment and subjective cognitive decline: A cross-sectional analysis from the Brazilian Memory and Aging Study. In Alzheimer's Association International Conference – 2023, Amsterdam, Dutch.
10. \*#Bezerra, C. C., Toledo, N. N., Duarte, V. V., Sampaio, R. L., Brucki, S. M. D., & **Souza-Talarico, J. N.** (2022). Cognitive impairment and COVID-19 in an urban indigenous community from Amazonas. In Alzheimer's Association International Conference – 2022, California, USA.
11. \*#**Souza-Talarico, J. N.**, Santos, J. L. F., Buck, H., & Duarte, Y. A. O. (2022). Association between multimorbidity, subjective memory decline and cognitive performance in older adults. In Alzheimer's Association International Conference – 2022, California, USA.
12. \*#**Souza-Talarico, J. N.**, & Coelho, D. (2022). Overcommitment at work and mental health: The mediation role of allostatic load. In International Society of Psychoneuroendocrinology Conference – 2022, Chicago, USA.
13. \*#Silva, F. C., Jesus, M. C. F., & **Souza-Talarico, J. N.** (2022). Mapping stress-mindset definitions, measurements and associated factors: A scope review. In International Society of Psychoneuroendocrinology Conference – 2022, Chicago, USA.
14. \*#Silva, F. C., Jesus, M. C. F., & **Souza-Talarico, J. N.** (2022). Stress-is-debilitating mindset is linked to higher cortisol awakening response in women. In International Society of Psychoneuroendocrinology Conference – 2022, Chicago, USA.
15. \*#**Souza-Talarico, J. N.**, Carvalho, A. P., Brucki, S. M. D., Nitrini, R., & Ferretti-Rebustini, R. E. L. (2020). The validation of the adapted Kimberley Indigenous Cognitive Assessment in a Brazilian indigenous community of older adults from Amazonas. In Alzheimer's Association International Conference – 2020.
16. Barbosa, B. J. A. P., Jesus, M. C. F., **Souza-Talarico, J. N.**, Buchpiguel, C. A., Busatto-Filho, G., Nitrini, R., Oliveira, M. O., & Brucki, S. M. D. (2020). Cortisol levels and cognitive status in elderly subjects: Preliminary results from the Brazilian aging and memory study. In Alzheimer's Association International Conference – 2020.
17. \*#Souza, T. P. B., **Souza-Talarico, J. N.**, Kuba, G., & Turrini, R. (2019). Awakening cortisol response and perceived stress decrease after a quick massage intervention in nursing professionals. In International Society of Psychoneuroendocrinology Conference – 2019, Milan, Italy.
18. \*#**Souza-Talarico, J. N.**, Carvalho, A. P., Brucki, S. M. D., & Nitrini, R. (2018). Incidence and related factors of cognitive impairment in Brazilian Amazonian indigenous community. In Alzheimer's Association International Conference – 2018, Chicago, IL.
19. Matos, T. M., Santos, A. T., & **Souza-Talarico, J. N.** (2018). Is the subjective cognitive decline an indirect measure of stress burden? A combined assessment of allostatic load, cortisol reactivity and perceived stress among older adults. In 48th International Society of Psychoneuroendocrinology Conference – 2018, Irvine, CA.
20. Alves, A. R., Brucki, S. M. D., Nitrini, R., Suchecki, D., Lupien, S. J., Plusquellec, P., & **Souza-Talarico, J. N.** (2018). Increased cortisol reactivity predicts cognitive impairment not dementia during aging: A follow-up study. In 48th International Society of Psychoneuroendocrinology Conference – 2018, Irvine, CA.

21. \*#**Souza-Talarico, J. N.**, Ferreti-Rebustini, R. E. L., Franco, M. E., Lacerda, C., & Suchecki, D. (2015). High perceived stress, low cortisol awakening response and subjective memory complaint: A potential combination for an early sign of cognitive impairment. In 2015 Alzheimer's Association International Conference – 2015, Washington, DC, USA.
22. \*#Yamaguchi, S. T. F., Coelho, D., Machado, A. L., Mendonça, A. R. B., & **Souza-Talarico, J. N.** (2015). High allostatic load and atypical diurnal cortisol secretion in nursing professionals. In 45th Annual Conference of the Society of Psychoneuroendocrinology – 2015, Edinburgh, Scotland.
23. \*#**Souza-Talarico, J. N.**, Handa, A. Y., & Suchecki, D. (2015). Non-adherence to salivary cortisol sampling protocol is associated with low socioeconomic status and psychological factors in older adults. In 45th Annual Conference of the Society of Psychoneuroendocrinology – 2015.
24. \*#Ferreti-Rebustini, R. E. L., Silva, D. V., **Souza-Talarico, J. N.**, & Nitrini, R. (2015). Determination of the related factors for the nursing diagnosis "chronic confusion" by brain autopsy. In Alzheimer's Association International Conference, Washington, DC, USA.
25. \*#Santos, A. T., Leyendecker, D., & **Souza-Talarico, J. N.** (2014). Sex differences in basal and stress-induced cortisol levels, DHEAS and memory performance among older adults. In 44th Annual ISPNE Conference, Montreal, CA.
26. \*#**Souza-Talarico, J. N.**, Caramelli, P., Nitrini, R., & Chaves, E. C. (2011). Coping strategies may vary according to working memory performance in elderly with Alzheimer's disease. In Alzheimer's Association International Conference, Paris, France.
27. \*#Marcourakis, T., Quaglio, N. B., Torres, L. H., Tavares, G., Garcia, R. C., Moreira, W. L., Camarini, R., **Souza-Talarico, J. N.**, Smid, J., Porto, C. S., & Nitrini, R. (2010). Oxidative stress peripheral biomarkers in mild cognitive impairment and Alzheimer's disease. In International Conference on Alzheimer's Disease, Hawaii, USA.
28. \*#Brucki, S. M. D., Anghinah, R., Areza-Fegyveres, R., Bahia, V. S., Carthery-Goulart, M. T., Damin, A., Formigoni, A. P., Frota, N., Guariglia, C., Jacinto, A. F., Kato, E. M., Lima, E. P., Mansur, L. L., Moreira, D., Nobrega, A. B., Porto, C. S., Senah, M. L. H., Silva, M. N. M., Smid, J., Radanovic, M., **Souza-Talarico, J. N.**, & Nitrini, R. (2008). Test of functional healthy literacy in adults: Short version (S-TOFHLA), schooling, and Mini-Mental State Examination. *Alzheimer's & Dementia*, 4(Suppl 02), 443. In International Conference on Alzheimer's Disease, Chicago, IL, BR.
29. \*#**Souza-Talarico, J. N.**, Caramelli, P., Nitrini, R., & Chaves, E. C. (2008). Cortisol levels and memory impairment in subjects with mild cognitive impairment and Alzheimer's disease. In International Conference on Alzheimer's Disease, Chicago, IL, BR.
30. \*#**Souza-Talarico, J. N.**, Nitrini, R., Chaves, E. C., & Caramelli, P. (2007). Salivary cortisol and memory impairment in subjects with mild cognitive impairment and Alzheimer's disease. In VI Alzheimer's Disease and Cognitive Disorders Meeting, Minas Gerais, BR.
31. \*#Carthery-Goulart, M. T., Anghinah, R., Areza-Fegyveres, R., Bahia, V. S., Brucki, S. M. D., Damin, A., Formigoni, A. P., Frota, N., Guariglia, C., Jacinto, A. F., Kato, E. M., Lima, E. P., Mansur, L. L., Moreira, D., Nobrega, A. B., Porto, C. S., Senah, M. L. H., Silva, M. N. M., Smid, J., Radanovic, M., **Souza-Talarico, J. N.**, & Nitrini, R. (2007). Performance of a Brazilian population on the test of functional healthy literacy in adults-short version (S-TOFHLA). In VI Alzheimer's Disease and Cognitive Disorders Meeting, Minas Gerais, BR.
32. \*#Brucki, S. M. D., Anghinah, R., Areza-Fegyveres, R., Bahia, V. S., Carthery-Goulart, M. T., Damin, A., Formigoni, A. P., Frota, N., Guariglia, C., Jacinto, A. F., Kato, E. M., Lima, E. P., Mansur, L. L., Moreira, D., Nobrega, A. B., Porto, C. S., Senah, M. L. H., Silva, M. N. M., Smid, J., Radanovic, M., **Souza-Talarico, J. N.**, & Nitrini, R. (2007). Functional healthy literacy in adults-short version (S-TOFHLA), schooling and Mini-Mental State Examination (MMSE). In Alzheimer's Disease and Cognitive Disorders Meeting, Minas Gerais, BR.

## ABSTRACT PUBLISHED ON CONFERENCE PROCEEDINGS

33. **\*#Souza-Talarico, J. N.**, Ashida, S., & Newman, L. (2025). Developing and evaluating a tailored dementia risk reduction program for underserved communities: A community-based participatory research approach. In Midwest Nursing Research Society (MNRS) Annual Conference 2025, Indianapolis, USA.
34. **\*#Harb, A.**, Abad, P., & **Souza-Talarico, J. N.** (2025). The hidden physiological costs of discrimination in Black individuals during aging. In Midwest Nursing Research Society (MNRS) Annual Conference 2025, Indianapolis, USA.
35. **\*#Souza-Talarico, J. N.**, Perkhounkova, Y., & Hein, M. (2023). Allostatic load profiles of stress biomarkers that predict Alzheimer's disease risk three years before diagnosis: Evidence for accessible screening tools and timely intervention. Guaranteed symposium session: Navigating life transitions for older adults: Stages and settings. In Midwest Nursing Research Society (MNRS) Annual Conference 2023, Des Moines, USA.
36. **\*#Souza-Talarico, J. N.**, Silva, F. C., Jesus, M. C. F., Barbosa, B. J. A. P., Nitrini, R., & Brucki, S. M. D. (2022). Impact of COVID-19 pandemic on mental health, social connectedness and cognitive performance of older adults. In Midwest Nursing Research Society – 2022, USA.
37. **\*#Bezerra, C. C.**, Toledo, N. N., & **Souza-Talarico, J. N.** (2022). Dementia stigma and lack of awareness in indigenous populations from Amazonas, Brazil. In Alzheimer's Association Health Disparities Conference – 2022, Washington, USA.
38. **\*#Barbosa, B. J. A. P.**, Jesus, M. C. F., **Souza-Talarico, J. N.**, Buchpiguel, C. A., Busatto-Filho, G., Nitrini, R., Oliveira, M. O., & Brucki, S. M. D. (2021). Cortisol levels and cognitive status in elderly subjects: Preliminary results from a memory cohort. In XIII Reuniao de Pesquisadores em Demencia e Disordens Relacionadas – 2021, São Paulo, Brazil.
39. **\*#Souza-Talarico, J. N.**, Silva, F. C., Schieri, K., Maia-Mota, F., et al. (2021). Delirium screening and detection in critical care setting: Successful experience from middle-income country. In Midwest Nursing Research Society – 2021, USA.
40. **\*#Souza-Talarico, J. N.**, Yamaguti, S. T. F., Dutra, A. F., & Apolinario, D. (2021). Low cognitive performance increases the risk of hospital-associated complications in older adults. In Gerontological Society of America Annual Scientific Meeting, 2021, Phoenix, USA.
41. **\*#Souza-Talarico, J. N.**, Silva, F. C., Jesus, M. C. F., Barbosa, B. J. A. P., Nitrini, R., & Brucki, S. M. D. (2021). Impact of COVID-19 pandemic on mental health, social connectedness and cognitive performance of older adults. In Gerontological Society of America Annual Scientific Meeting, 2021, Phoenix, USA.
42. **\*#Souza-Talarico, J. N.**, Plusquellec, P., Lupien, S. J., Silva, F. C., & Suchecki, D. (2019). Environmental pollutants influence stress hormone and memory: Implications to brain health in human aging. In Society of Neuroscience Conference – 2019, Chicago, IL.
43. **\*#Ferreira, M. T.**, Silva, F. C., & **Souza-Talarico, J. N.** (2019). Influence of stress mindset on cognitive functions: Systematic review. In II International Symposium on Adult Health – 2019, São Paulo, BR.
44. **\*#Souza-Talarico, J. N.**, Alves, A. R., Brucki, S. M. D., & Nitrini, R. (2019). Stress-induced cortisol responsiveness predicts cognitive impairment no dementia during aging: A five years follow-up study. In Alzheimer's Disease and Related Disorders Meeting – 2019, Campinas, BR.
45. **\*#Souza-Talarico, J. N.**, Carvalho, A. P., Brucki, S. M. D., & Nitrini, R. (2019). Cognitive impairment in Brazilian Amazonian indigenous. In Alzheimer's Disease and Related Disorders Meeting – 2019, Campinas, BR.

46. \*#Brucki, S. M. D., Tuma, R., Alvim, R. P., Brito, M. H., **Souza-Talarico, J. N.**, Buchpiguel, C. A., Busatto Filho, G., & Nitrini, R. (2019). Evaluation of metabolic profile and chronic stress biomarkers in a subset of individuals from the Brazilian Aging Memory Study: Preliminary results and perspectives. In Alzheimer's Disease and Related Disorders Meeting – 2019, Campinas, BR.
47. \*#**Souza-Talarico, J. N.**, Carvalho, A. P., Brucki, S. M. D., & Nitrini, R. (2019). Predictive value of the Stick Design Test in the screening of cognitive impairment among older adults from an Amazonian indigenous community. In Symposium of the Alzheimer's Association International Conference – 2019, São Paulo, BR.
48. \*#Abraham, A. L. C. L., Parejo, L. S., & **Souza-Talarico, J. N.** (2017). Parental stress in the care of a child with congenital heart disease: A systematic review of the literature. In JBI Brazil - 2017 Conference of the Americas - Evidence Implementation, 2017, São Paulo, BR.
49. \*#Benavente, S. B. T., **Souza-Talarico, J. N.**, Alves, A. R., Maia, F. O. M., & Costa, A. L. S. (2017). Association between perceived psychological stress and cognitive decline in aging: A systematic review protocol. In JBI Brazil - 2017 Conference of the Americas - Evidence Implementation, 2017, São Paulo, BR.
50. \*#Santos, A. T., Coelho, D. P., Yamaguti, S. T. F., & **Souza-Talarico, J. N.** (2017). Influence of biological and psychological indicators on memory performance in nursing professionals. In 11o. International Symposium of Nursing Research, 2017, Lisboa, Portugal.
51. \*#Santos, J., Meira, K. C., **Souza-Talarico, J. N.**, & Pierin, A. M. G. (2017). High allostatic load in oncology nursing professionals: Prevalence and associated factors. In I International Symposium in Adult Health, 2017, São Paulo, BR.
52. \*#Santos, J., Nascimento, J. O. V., Meira, K. C., **Souza-Talarico, J. N.**, & Pierin, A. M. G. (2016). Shift work influences the occurrence of hypertension in work characteristics and lifestyles in nursing professionals. In V Congresso de Investigação em Enfermagem Ibero-americano e de países de língua oficial Portuguesa, 2016, Portugal.
53. \*#Santos, J., **Souza-Talarico, J. N.**, & Pierin, A. M. G. (2016). Working in shifts influences the onset of hypertension, in the work and lifestyles in nursing professional. In 26th European Meeting on Hypertension and Cardiovascular Protection, 2016, Paris, FR.
54. \*#Nascimento, J. O. V., Santos, J., Meira, K. C., **Souza-Talarico, J. N.**, & Pierin, A. M. G. (2016). The influence of burnout and common mental disorders on blood pressure of nursing professionals working in alternating shifts. In XXIV Brazilian Hypertension Society Congress, 2016, São Paulo, BR.
55. \*#Santos, J., Meira, K. C., **Souza-Talarico, J. N.**, & Pierin, A. M. G. (2017). Factors associated with high allostatic load in oncology nursing professionals. In X Brazilian Epidemiology Congress, 2017, Florianópolis – SC, BR.
56. \*#Silva, J. R., Takeda, J. R. T., & **Souza-Talarico, J. N.** (2015). Influence of sleep quality on cortisol concentrations in healthy elderly subjects. In VI Brazilian Congress of Geriatrics, Neuropsychiatry, 2015, São Paulo, BR.
57. \*#Takeda, J. R. T., Silva, J. R., & **Souza-Talarico, J. N.** (2015). Association between plasma cholesterol, body mass index and cognitive performance in adults and the elderly. In VI Brazilian Congress of Geriatrics, Neuropsychiatry, 2015, São Paulo, BR.
58. \*#Yamaguchi, S. T. F., Coelho, D., Machado, A. L., Mendonça, A. R. B., Alves, A. R., & **Souza-Talarico, J. N.** (2015). Changes in the rhythm of cortisol secretion in nursing professionals: Implications of occupational stress for the risk of illness. In 67o Brazilian Congress of Nursing, 2015, São Paulo, BR.

59. \*#Silva, J. R., & **Souza-Talarico, J. N.** (2015). Sleep quality and cortisol concentrations during aging. In 23o International Symposium of Scientific Initiation, 2015, São Paulo, BR.
60. \*#Handa, A. Y., & **Souza-Talarico, J. N.** (2014). Influence of the socioeconomic level on the reliability of saliva samples for cortisol analysis in the elderly. In 22o International Symposium of Scientific Initiation, 2014, São Paulo, BR.
61. \*#Mendonça, A. R. B., Yamaguti, S. T. F., Coelho, D., Damazio, M., & **Souza-Talarico, J. N.** (2014). Stress and mental distress in nursing professionals. In 14o Stress Congress - ISMA-BR, 2014, Porto Alegre, BR.
62. **Souza-Talarico, J. N.**, Marcourakis, T., Barbosa, F. Jr., Pompeia, S., Caramelli, P., Plusquellec, P., Lupien, S. J., & Suchecki, D. (2014). Interaction between environmental lead and cadmium exposure is associated with poor memory performance and oxidant defenses in older adults. In Federation of European Neuroscience Societies (Hays et al.) 9th FENS Forum of Neuroscience 2014, Milão, Italy.
63. \*#Franco, M. E., & **Souza-Talarico, J. N.** (2013). Subjective complaint of memory impairment and neuroendocrine activity of stress in healthy elderly. In V Brazilian Congress of Geriatrics Neuropsychiatry, 2013, São Paulo, BR.
64. \*#Santos, A. T., Leyendecker, D., Demarco, M., & **Souza-Talarico, J. N.** (2012). Decreased memory performance after acute psychosocial stress in healthy elderly. In III Annual Meeting of Neuropsychology and Behavior, IV Forum of Neurobiology of Stress, 2012, Florianópolis, BR.
65. \*#**Souza-Talarico, J. N.**, Plusquellec, P., Lupien, S. J., Barbosa, F. Jr., Juster, R. P., Santos, A. T., & Suchecki, D. (2012). Interaction between high lead exposure and high allostatic load is associated with blunted cortisol awakening responses in older adults from an emerging economy country. In SfN - Neuroscience 2012, New Orleans, USA.
66. \*#Santos, A. T., Leyendecker, D., Demarco, M., & **Souza-Talarico, J. N.** (2012). Stress reactivity and socioeconomic status among older adults: Evidence from emerging economy environment. In SfN - Neuroscience 2012, New Orleans, USA.
67. \*#**Souza-Talarico, J. N.**, Plusquellec, P., Lupien, S. J., Barbosa, F. Jr., Juster, R. P., Santos, A. T., & Suchecki, D. (2011). Lead exposure is associated with elevated awakening cortisol levels in elderly individuals. In SfN - Neuroscience, 2011, Washington, DC, USA.
68. \*#**Souza-Talarico, J. N.**, Chaves, E. C., Nitrini, R., & Caramelli, P. (2009). Coping strategies may be modulated by working memory performance according to cognitive impairment status. VII Alzheimer's Disease and Cognitive Disorders Meeting, 2009, Porto Alegre, BR.
69. \*#**Souza-Talarico, J. N.**, Chaves, E. C., Caramelli, P., & Nitrini, R. (2007). Effect of cortisol levels in the memory performance of elderly subjects with Alzheimer's disease. In 6th World Congress on Stress, 2007, Viena, Austria.
70. \*Novelli, M. M. P. C., **Souza-Talarico, J. N.**, Nitrini, R., & Caramelli, P. (2007). Preliminary results of the applicability, reliability and intra-examiner stability of the Portuguese version of the Daily Life Scale of Lawton and Brody in Alzheimer's Disease. In 5º Regional Congress of Geriatrics and Gerontology, 2007, Santos, BR.
71. \*#**Souza-Talarico, J. N.**, Chaves, E. C., Nitrini, R., & Caramelli, P. (2007). Influence of schooling and individual income on the performance of operational memory of healthy elderly people. In VII São Paulo Research Conference – Brain and Thinking, 2007, São Paulo, BR.
72. \*#**Souza-Talarico, J. N.**, Chaves, E. C., & Caramelli, P. (2006). Avaliação de estresse em idosos. In XV Brazilian Geriatrics and Gerontology Congress, 2006, Goiás, BR.

73. **\*Souza-Talarico, J. N.**, Caramelli, P., Nitrini, R., & Chaves, E. C. (2006). Effects of cortisol levels on memory performance of elderly individuals with Alzheimer's disease. In XXII Brazilian Neurology Congress, 2006, Recife, BR.
74. **\*Souza-Talarico, J. N.**, Chaves, E. C., & Caramelli, P. (2006). Stress in elders with Alzheimer's disease. In Programa do X Encontro Internacional de Investigación en Enfermería, 2006, Albacete, Espanha.
75. **\*Souza-Talarico, J. N.**, Chaves, E. C., & Caramelli, P. (2006). Coping in elders with Alzheimer's disease. In Programa do X Encontro Internacional de Investigación en Enfermería, 2006, Albacete, Espanha.
76. **\*Souza-Talarico, J. N.**, Chaves, E. C., & Caramelli, P. (2005). Stress and coping in the elderly with Alzheimer's disease. In V Alzheimer's Disease and Cognitive Disorders Meeting, 2005, Ribeirão Preto, BR.
77. **\*Souza-Talarico, J. N.**, & Bertolozzi, M. R. (2004). Vulnerability to tuberculosis in nursing workers. In VI Brazilian Epidemiology Congress, 2004, Recife, BR.
78. **\*Souza, J. N.**, Gonçalves, L. A., & Kimura, M. (2003). Analysis of research on quality of life assessment of disabled persons from a proxy perspective. VII Course Completion Monographs Presentation - Escola de Enfermagem da Universidade de São Paulo, 2003, São Paulo, BR.
79. **\*Souza, J. N.**, & Chaves, E. C. (2002). Memory stimulation and performance among healthy elderly. In 10<sup>o</sup> International Symposium of Scientific Initiation - USP, 2002, Ribeirão Preto, BR.
80. **\*Souza, J. N.**, & Chaves, E. C. (2002). Effect of memory stimulation in healthy elderly group. In 54<sup>o</sup> Brazilian Nursing Congress, 2002, Fortaleza, BR.

## PODIUM RESEARCH PRESENTATIONS

### International

1. Nakanishi, M., Williamson, L., Gelmon, S. B., Nguyen, T. A., Ferri, C. P., & **Souza-Talarico, J. N.** (2024). Global dementia plan: National strategies that mobilize worldwide actions towards the WHO's 2025 target. In Alzheimer's Association International Conference – 2024, Philadelphia, USA.
2. **\*#Souza-Talarico, J. N.**, Bezerra, C. C., Toledo, N. N., & Vasconcellos, V. (2023). Strengthening participant-researcher partnerships to adapt and validate the Brazilian Indigenous Cognitive Assessment (BRICA) tool in a multiethnic community from Amazonas. International Indigenous Dementia Research Network (IIDRN) Conference – 2023, Hawaii, USA.
3. **\*#Bezerra, C. C.**, Toledo, N. N., Vasconcellos, V., & **Souza-Talarico, J. N.** (2023). Cultural-centered approaches to adapt a cognitive assessment tool in indigenous communities from Amazonas: The role of participant-researcher partnerships. Featured research session: Patient and public involvement in dementia research: Global perspectives. In Alzheimer's Association International Conference – 2023, Amsterdam, Dutch.
4. **\*#Souza-Talarico, J. N.**, & Coelho, D. (2022). Overcommitment at work and mental health: The mediation role of allostatic load. In International Society of Psychoneuroendocrinology Conference – 2022, Chicago, USA.
5. **Souza-Talarico, J. N.** (2022). Estresse e cognição: Janelas de vulnerabilidade e de oportunidade. In Resiliência e Estresse Webinar, Psychobiology Department, Federal University of São Paulo, Brazil.
6. **\*#Souza-Talarico, J. N.**, Carvalho, A. P., Brucki, S. M. D., Nitrini, R., Ferretti-Rebustini, R. E. L., & LoGiudice, D. (2020). The validation of the adapted Kimberley Indigenous Cognitive Assessment in

a Brazilian indigenous community of older adults from Amazonas. In Alzheimer's Association International Conference – 2020.

7. **\*Souza-Talarico, J. N.**, Chaves, E. C., Nitrini, R., & Caramelli, P. (2009). Chronic stress is associated with elevated cortisol levels in mild cognitive impairment. International Psychogeriatric Association International Meeting, 2009, Rio de Janeiro, BR.
8. **\*Souza-Talarico, J. N.**, Chaves, E. C., Caramelli, P., & Nitrini, R. (2007). Effect of cortisol levels on working memory performance. In International Meeting of Working Memory and Its Relationship with Other Memories, 2007, São Paulo, BR.

## National

**\*Souza-Talarico JN**, Perkhounkova Y, Hein M. Allostatic Load Profiles of Stress Biomarkers That Predict Alzheimer's Disease Risk Three Years Before Diagnosis: Evidence for Accessible Screening Tools and Timely Intervention. Guaranteed Symposium Session: Navigating Life Transitions for Older Adults: Stages and Settings In: Midwest Nursing Research Society (MNRS) Annual Conference 2023, Des Moines (USA).

**\*Souza-Talarico JN**, Silva FC, Jesus MCF, Barbosa BJAP, Nitrini R, Brucki SMD. Impact of COVID-19 pandemic on mental health, social connectedness and cognitive performance of older adults. In: Midwest Nursing Research Society – 2022, USA.

## INVITED PRESENTATIONS

**\*Souza-Talarico JN**. Epidemiology research on Indigenous and most challenging reached populations. In: AAIC Satellite Symposium: Peru, Lima, 2025.

**\*Souza-Talarico JN**. Developing a Dementia Risk Reduction Program for Primary Care Facilities (presented in Portuguese). In: IV Fórum Internacional de Enfermagem, V Fórum Nacional de Enfermagem, XI Simpósio Internacional do Programa de Pós-Graduação em Enfermagem, XXIII ExpoEnf – 2024, São Paulo, USA.

**\*Souza-Talarico, JN**. Deciphering the interplay: psychological and physiological stress impacts on cognitive decline – opportunities for early detection of risk and prevention. Center for Geriatric Nursing Excellence Seminar - The Pennsylvania State University. Available at [CGNE Seminar Series Oct 26 2023: Stress Impacts on Cognitive Impairment- Souza-Talarico - YouTube](#).

**\*Souza-Talarico, JN**. Brazilian Indigenous Cognitive Assessment (BRICA) tool: Culturally adaptation and validity. In: Learnings from adaptations of the Kimberley Indigenous Cognitive Assessment (KICA): A round table discussion & cafe deep dive. Nov. 6<sup>th</sup>, 2023, Hawai, USA

**\*Souza-Talarico, JN**. Allostatic Load Profiles of Stress Biomarkers That Predict Alzheimer's Disease Risk. In: Metabolism in Neurodegeneration Group, Iowa Neuroscience Institute, March 23<sup>rd</sup>, 2023, Iowa, USA.

**\*Souza-Talarico, JN**. Negative effects of stress on cognition: windows of vulnerability and opportunity for early intervention. Psicobiologia da Resiliência e do Stress. Universidade Federal de São Paulo, São Paulo, Brazil (videoconferência), 2022

**Souza-Talarico JN**. Advancing Nursing Practice in Cognitive Impairment: Windows of vulnerability = opportunities of action. In: International Symposium of Adult Health (SISA), Sao Paulo, Brazil, 2021



**Souza-Talarico JN.** Stress Assessment in Humans. In: Stress Summer Course, Federal University of São Paulo, 2011

## RESEARCH INTEREST GROUP PRESENTATIONS

1. Pinzon MM, **Souza-Talarico JN.** Bridging Research Gaps Dementia Health & Policy. In: Professional Interest Area (PIA) Day Session - Health Policy – International Society to Advance Alzheimer's Research and Treatment, Alzheimer's Association – 2024, Philadelphia (USA).
2. Adeola MT, Fink MF, Shen Q, **Souza-Talarico JN**, Timm J. Networking Lunch with the MNRS Leadership Academy. In: Midwest Nursing Research Society: Leadership Academy - 2023, Des Moines (USA).

## MEDIA INTERVIEWS

**Souza-Talarico JN.** Together We Walk: Raising awareness for Alzheimer's in Iowa. Iowa City Press-Citizen, September 20, 2024. <https://www.press-citizen.com/story/opinion/letters-to-the-editor/2024/09/20/dr-glaucomflecken-comedy-as-medicine-or-medicine-as-comedy/75305573007/>

**Souza-Talarico JN.** Early detection critical for Alzheimer's and dementia. The Gazette, June 5, 2024. <https://www.thegazette.com/guest-columnists/early-detection-critical-for-alzheimers-and-dementia/>

**Souza-Talarico JN.** University of Iowa lands almost half-a-million dollars for Alzheimer's research by Matt Kelley | Nov 15, 2023 | Health & Medicine, News. Radio Iowa <https://www.radioiowa.com/2023/11/15/university-of-iowa-lands-almost-half-a-million-dollars-for-alzheimers-research/>

**Souza-Talarico JN.** Remembering Hope: Inside the battle against dementia. KWWL News (TV 7 channel and website, Published: Aug. 30, 2023). Available at: [https://www.kwwl.com/news/remembering-hope-inside-the-battle-against-dementia/article\\_6af3bf4a-474c-11ee-8cba-c3cdfdd5f006.html](https://www.kwwl.com/news/remembering-hope-inside-the-battle-against-dementia/article_6af3bf4a-474c-11ee-8cba-c3cdfdd5f006.html)

**Souza-Talarico JN.** Risks and benefits of FDA approved drug to treat Alzheimer's disease. KCRG abc (TV 9 channel and website, Published: Jan. 9, 2023 at 6:28 PM CST). Available at: <https://www.kcrg.com/2023/01/10/risks-benefits-fda-approved-drug-treat-alzheimers-disease/>

## COMMUNITY OUTREACH AND EDUCATION PRESENTATIONS

**Souza-Talarico, JN.** Stress, biological responses, and cognitive decline during aging. Hy-Vee Dietitians across US. 47 attendees – Webinar, CEU provided, Dec 4, 2024.

**Souza-Talarico JN.** Protecting Your Brain: Understanding Caregiver Stress and Strategies to Prevent Cognitive Decline. Latest Research Updates – 2024 Holiday Education Series. Alzheimer's Association – Iowa Chapter. Iowa City, Nov, 2024. 20 attendees

**Souza-Talarico JN.** Expanding your understanding of dementia risk factors to an optimal aging. Iowa City Senior Center. June, 2024.

**Souza-Talarico JN,** Cortes Y. Feria de Salud (for Hispanic/Latino communities). Open Heartland. Iowa City. July, 2024.

**Souza-Talarico JN.** Dementia Risk Reduction (presented in Spanish). Open Heartland. Iowa City. April, 2024.

**Souza-Talarico JN.** Stress and Cognition. In: Longev Week, Faculty of Medicine, University of São Paulo, 2018.

**Souza-Talarico JN.** Stress and Memory Decline During Aging. In: University open to elderly Program, Federal University of São Paulo, 2010

## **SERVICE**

### **SERVICE TO PROFESSIONAL ORGANIZATIONS**

#### ***International***

*Alzheimer's Association International Society to Advance Alzheimer's Research and Treatment (ISTAART)*

Roles: Health Policy Professional Interest Area (PIA) - Programing Chair, Exec Committee (since 2023)

Abstract reviewer Alzheimer's Association International Conference (since 2024)

Diversity and Disparities International PIA – member (since 2022)

Resilience and Protective Factors PIA – member (since 2022)

*International Indigenous Dementia Research Network (IIDRN)*

Roles: Steering Committee Executive member (since 2017)

IIDRN Annual Conference Scientific Committee (since 2023)

*Joanna Briggs Institute*

Role: Core staff elected in the Brazilian Collaborative Center of the Joanna Briggs Institute (2014 – 2020)

*International Society of Psychoneuroendocrinology*

Role: member (2014 – 2020)

#### ***National***

*American Academy of Nursing (since 2024)*

Role: Expert Panel on Aging member

Expert Panel on Environment and Public Health member

*Alzheimer's Association, Iowa Chapter*

Roles: Board of Directors Member at a Large (since 2022)

Awareness and Community (since 2023)

Policy and Advocacy Committee Member (2022-2024)

Care and Support Committee Member (2022-2024)

*The Gerontology Society of America*

Role: Member (2021-2022)

*Society for Neuroscience (SfN)*

Role: Member (2011-2012)

*Advanced Trauma Care for Nurses (ATCN)*

Role: Faculty member elected – instructor (2009-2014)

## ***Regional***

### ***Midwest Nursing Research Society***

Roles: Chair - Gerontology Research Interest Interdisciplinary Group (since 2024)  
Chair-elect - Gerontology Research Interest Interdisciplinary Group (2023-2024)  
Fellowship elected - Leadership Academy (2022-2023)  
Symposium co-chair - Gerontology Research Interest Interdisciplinary Group (2022-2024)  
Award reviewer - Gerontology Research Interest Interdisciplinary Group (2022-2023)  
Abstract reviewer - Gerontology Research Interest Interdisciplinary Group (2022-2023)

## ***Local Professional Organizations***

### ***Public Health and the Iowa Department of Health and Human Services***

Role: Alzheimer's Disease and Related Dementia (ADRD) Coalition member (since 2024)

### ***Csomay Center for Gerontology Excellence at the University of Iowa***

Role: Executive Committee member (since 2021)  
Director - Csomay Community of Scholars (2021-2022)

### ***Iowa Neuroscience Institute***

Role: Research Collaborator (since 2020)

### ***Center of Evidence-Based Nursing (NUEBE), University Hospital, Sao Paulo, Brazil***

Role: member elected (2013 – 2020)

## ***PEER-REVIEWED JOURNAL EDITORIAL SERVICE***

Brain Science – **Associate Editor** (2021-2022)  
Dementia & Neuropsychologia – **Associate Editor** (since 2020)  
Frontiers in Behavioral Neuroscience – **Associate Editor** (2020-2021)

## ***SCIENTIFIC REVIEW SERVICE***

Journal of Alzheimer's Disease (since 2018)  
Journal of Alzheimer's Association (since 2022)  
Dementia & Neuropsychologia (since 2014)  
Psychoneuroendocrinology (since 2011)  
Frontiers in Behavioral Neuroscience (2022)  
Journal of Psychosomatic Research (2022)  
Journal of Holistic Nursing (2021)  
Research in Gerontological Nursing (2020)  
Revista Brasileira de Gerontologia (2020)  
Environmental Research (2018)  
International Psychogeriatrics (2018)  
eNeurologicalSci (2016)  
Journal of Aging Research (2016)  
Revista Acta Paulista de Enfermagem (2016)  
Revista Psicologia: Teoria e Pesquisa (2016)  
International Journal of Geriatric Psychiatry (2014)  
Revista Latino Americana de Enfermagem (2014)

Journal of School of Nursing – University of São Paulo (since 2010)

### **NATIONAL AND INTERNATIONAL GRANT REVIEWER**

United Kingdom – UK Research and Innovation (UKRI) Funding Service (since 2024)

USA - Alzheimer's Association (since 2021)

Brazil - São Paulo Research Foundation (FAPESP) (since 2019)

Brazil - Pernambuco Research Foundation (FACEPE) (since 2012)

Australia - Joanna Briggs Institute (JBI) (2015-2020)

### **SERVICE TO THE UNIVERSITY**

#### **UNIVERSITY OF IOWA**

Selection Committee for Associate Dean for Undergraduate Program (2024)

Promotion and Tenure Committee (since 2024)

PhD admission collaborator (since 2024)

Council on Faculty - Member (since 2023)

Csomas Leadership - Member (since 2022)

BSN admission committee member (2021-2024)

Scholarship Committee (2021-2022)

PhD Program Committee (since 2020)

#### **UNIVERSITY OF SAO PAULO, BRAZIL**

*International Symposium of Adult Health (SISA), School of Nursing, University of Sao Paulo*

Role: Scientific Committee (since 2019)

*International Academic Agreement signed with the Center de Recherche Institut Universitaire at Santé Mentale de Montréal, Université de Montréal*

Role: Coordinator volunteered (2016-2021)

*Research Committee, School of Nursing, University of Sao Paulo*

Role: Member elected (2014-2020)

*School of Nursing Assembly, University of Sao Paulo*

Role: Member elected (2019 – 2020)

*Center of Research Support, University Hospital*

Role: Member elected (2012 – 2020).

*International Cooperation Committee, School of Nursing, University of Sao Paulo*

Role: Member elected (2015-2020).

*Department of Medical-Surgical Nursing (ENC), School of Nursing, University of Sao Paulo*

Role: Member elected (2010-2020)

*Graduate Committee on Adult Health Nursing Graduate Program, School of Nursing, University of Sao Paulo*

Role: Member elected (2010 – 2020)

*International Symposium of Evidence-Practice Health Implementation (SIIES), Joanna Briggs Institute, Brazilian Center of Collaboration*

Role: Scientific Committee (2017).

*Residency Program on Adult Health Nursing, School of Nursing and University Hospital*

Role: Coordinator elected (2019)

*Vice-Chair of the Department of Medical-Surgical Nursing (ENC), School of Nursing*

Role: Member elected (2015-2019)

*Undergraduate Committee, School of Nursing*

Role: Member elected (2012 – 2015)

## TEACHING AND MENTORING

### The University of Iowa, College of Nursing

#### Undergraduate Courses

2024 Fall - NURS: 3138: Nursing Pharmacological Interventions I. Team teacher. Undergraduate (n = 84)  
2024 Spring - NURS: 3138: Nursing Pharmacological Interventions I. Team teacher. Undergraduate (n = 79)  
2023 Fall - NURS: 3138: Nursing Pharmacological Interventions I. Team teacher. Undergraduate (n = 79)  
2023 Spring - NURS:3138: Nursing Pharmacological Interventions I. Team teacher. Undergraduate (n = 80)  
2022 Fall - NURS: 3138: Nursing Pharmacological Interventions I. Team teacher. Undergraduate (n = 79)  
2022 Spring - NURS:3138: Nursing Pharmacological Interventions I. Team teacher. Undergraduate (n = 80)  
2021 Fall - NURS: 3138: Nursing Pharmacological Interventions I. Team teacher. Undergraduate (n = 80)  
2021 Spring - NURS:3138: Nursing Pharmacological Interventions I. Team teacher. Undergraduate (n = 80)

#### Graduate - PhD Courses

2024 Spring – NURS:7003 – Quantitative Research. Team teacher. PhD (n = 6)  
2023 Spring – NURS:7003 – Quantitative Research. Team teacher. PhD (n = 6)  
2022 Spring – NURS:7003 – Quantitative Research. Team teacher. PhD (n = 6)  
2021 Spring – NURS:7003 – Quantitative Research. Team teacher. PhD (n = 6)

#### Graduate DNP Courses

2021 Fall – NURS: 5009 – Evaluating Evidence for Practice. Course Coordinator. Graduate (n = 60)

#### Guest lecture (UG, DNP, PhD)

2024 Fall - NURS:6701 - Advanced Clinical Practicum course. DNP (n = 2)  
2024 Fall – NURS 7310: Measurement in Health Research. PhD (n = 6)  
2024 Spring – NURS 7404: Biological Markers in Health Research. PhD (n = 6)  
2024 Spring – Human Development. Undergraduate  
2023 Fall – NURS: 5009 – Evaluating Evidence for Practice. DNP (n = 40)

#### Mentoring and Advisement

2022- 2025 Harb, Alaa. PhD Advisor

Project title: Discrimination and Cognitive Decline in Black older adults: the mediation role of Allostatic Load

2024-2025 Maxwell Hansen – Graduate Research Assistant Advisor. Master student at the UI College of Public Health

Project title: Community engagement approaches to reduce dementia modifiable risk factors during aging (article in preparation)

- 2022-2023 Rawabi Aljadani – Graduate Research Assistant Advisor: Master student at the UI College of Public Health  
Project title: Cognitive decline during pandemic in nursing home residents (article published)
- 2024-2025 Rishika Goyal – Undergraduate Young Scientist Program  
Project title: Community engagement approaches to reduce dementia modifiable risk factors during aging (article in preparation)
- 2024 -2025 Jackson Withalker – Undergraduate Young Scientist Programm  
Project title: Psychological and biological stress responses on subjective memory decline in cognitively unimpaired older adults (article in preparation)
- 2022 - 2023 Grace Willey - Mentor - Undergraduate Young Scientist Program  
Project title: Loneliness and cognitive decline in older adults during the COVID-19 pandemic (article under review)
- 2021 - 2022 Natalie Elizaldi - Mentor - Undergraduate Young Scientist Program  
Project title: Psychological stress and telomere length: systematic review (article published)

## **University of Sao Paulo, School of Nursing**

### Undergraduate Courses

2020 Spring Health Assessment. Team teacher. Undergraduate (n = 80)  
2020 Spring Nursing Care for Adults with Chronic Affections. Team teacher. Undergraduate (n = 40)  
2020 Spring Conceptual and Theories in Nursing. Team teacher. Undergraduate (n = 80)  
2019 Fall: Nursing Care for Adults with Chronic Affections. Team teacher. Undergraduate (n = 40)  
2018 Spring: Health Assessment. Team teacher. Undergraduate (n = 80)  
2018 Spring: Nursing Care for Adults with Chronic Affections. Team teacher. Undergraduate (n = 40)  
2018 Spring: Conceptual and Theories in Nursing. Team teacher. Undergraduate (n = 80)  
2019 Fall: Nursing Care for Adults with Chronic Affections. Team teacher. Undergraduate (n = 40)  
2017 Spring: Nursing Care for Adults with Chronic Affections. Team teacher. Undergraduate (n = 40)  
2016 Spring: Health Assessment. Team teacher. Undergraduate (n = 80)  
2016 Spring: Conceptual and Theories in Nursing. Team teacher. Undergraduate (n = 80)  
2016 Fall: Nursing Care for Adults with Chronic Affections. Team teacher. Undergraduate (n = 40)  
2015 Spring: Health Assessment. Director. Undergraduate (n = 80)  
2015 Spring: Nursing Care for Adults with Chronic Affections. Team teacher. Undergraduate (n = 40)  
2015 Spring: Conceptual and Theories in Nursing. Team teacher. Undergraduate (n = 80)  
2014 Spring: Health Assessment. Team teacher. Undergraduate (n = 80)  
2014 Spring: Nursing Care for Adults with Chronic Affections. Team teacher. Undergraduate (n = 40)  
2014 Spring: Conceptual and Theories in Nursing. Team teacher. Undergraduate (n = 80)  
2014 Fall: Nursing Care for Adult with chronic affections. Team teacher. Undergraduate (n = 40)  
2013 Spring: Health Assessment. Team teacher. Undergraduate (n = 80)  
2013 Spring: Nursing Care for Adults with Chronic Affections. Team teacher. Undergraduate (n = 40)  
2012 Spring: Health Assessment. Team teacher. Undergraduate (n = 80)  
2012 Spring: Nursing Care for Adults with Chronic Affections. Team teacher. Undergraduate (n = 40)  
2011 Fall: Nursing Care for Adults with Chronic Affections. Team teacher. Undergraduate (n = 40)  
2011 Spring: Health Assessment. Team teacher. Undergraduate (n = 80)

2011 Spring: Nursing Care for Adults with Chronic Affections. Team teacher. Undergraduate (n = 40)

2010 Fall: Nursing Care for Adults with Chronic Affections. Team teacher. Undergraduate (n = 40)

### Graduate Courses

2019 Fall: Neurobiology of Stress and Coping Strategies. Director. Graduate Master and PhD (n = 15)

2018 Fall: Neurobiology of Stress and Coping Strategies. Director. Graduate Master and PhD (n = 15)

2017 Fall: Neurobiology of Stress and Coping Strategies. Director. Graduate Master and PhD (n = 15)

2015 Fall: Neurobiology of Stress and Coping Strategies. Director. Graduate Master and PhD (n = 15)

2014 Fall: Neurobiology of Stress and Coping Strategies. Director. Graduate Master and PhD (n = 15)

2013 Fall: Neurobiology of Stress and Coping Strategies. Director. Graduate Master and PhD (n = 15)

2012 Fall: Neurobiology of Stress and Coping Strategies. Director. Graduate Master and PhD (n = 15)

2011 Fall: Neurobiology of Stress and Coping Strategies. Director. Graduate Master and PhD (n = 15)

### Guest Lecture

2022 Secondary Analysis of Existing Datasets. In: Quantitative Research course. PhD (n = 15)

## **MENTORING AND ADVISEMENT**

### **PhD**

2018 - 2024 Silva, Fernanda C. Advisor - PhD student with extramural funds

Project title: Stress mindset: concepts and associated factors.

2019 - 2023 Bezerra, Camila C. Advisor - PhD student with extramural funds

Project title: Prevalence of cognitive impairment in urban indigenous community from Brazil.

2019 – 2022 Barbosa, Breno. Advisor - PhD student with extramural funds

Project title: Psychological and Biological stress markers in older adults: The Brazilian Memory and Aging Study (BRAMS)

Department of Neurology, Faculty of Medicine, University of Sao Paulo

2017 - 2021 Parejo, Lucinéia S. Advisor - PhD student without extramural funds

Project title: Allostatic load, hair cortisol and cognitive performance in caregivers

2015 – 2020 Yamaguti, Siomara TF. Advisor - PhD student without extramural funds

Project title: Cognitive status and frailty syndrome

2014 – 2016 Carvalho, Anna P. Advisor - PhD student without extramural funds

Project title: Cognitive impairment and dementia in indigenous population

2013 – 2017 Santos, Juliano, Co-advisor - PhD student without extramural funds

Project title: Cardiovascular risk and allostatic load in oncology nursing professionals

2015 – 2017 Alves, Andréa R. Advisor - Master in Science student with extramural funds

Project title: Environmental contaminants, cortisol and cognitive impairment during aging

2011 – 2013 Santos, Aline T. Advisor - Master in Science student with extramural funds

Project title: Stress response and memory during aging

### **Master in Nursing Science**

2024 Almeida, Fabiana Ribeiro – Committee Member

Project title: Stress, burnout, and Work Satisfaction in Nursing Professionals from Perioperative Care of Robotic Surgery

- 2019 – 2021 Silva, Diego F. Advisor - Master in Science student without extramural funds  
Project title: Dysfunctional family and cognitive decline during aging: a longitudinal study
- 2018 – 2021 Ferreira, Mariana T. Advisor - Master in Science student without extramural funds  
Project title: Mindset stress concepts and associated factors: scope review
- 2015 – 2017 Matos, Tatiane M. Advisor - Master in Science student without extramural funds  
Project title: Subjective memory decline, perceived stress and allostatic load during aging
- 2014 – 2016 Coelho, Daniela P. Advisor - Master in Science student without extramural funds  
Project title: Allostatic load and memory performance in nursing professionals
- 2013 – 2015 Oliveira, Murielly M. Co-advisor - Master in Science student without extramural funds  
Project title: Fatigue and surgical symptoms in patients with cancer
- 2013 – 2015 Yamaguti, Siomara TF. Advisor - Master in Science student without extramural funds  
Project title: Cortisol rhythm and allostatic load in nursing professionals
- 2012 – 2014 Mendonça, Amanda RB. Advisor - Master in Science student without extramural funds  
Project title: Atypical cortisol rhythm and mental disorders in nursing professionals

### **Residency in Cardiovascular Nursing Program**

- 2014 – 2015 Rummy, Juliana. Mentor  
Project title: Cardiovascular risk and memory performance during aging
- 2014 – 2015 Pontes, Kátia. Mentor  
Project title: Psychological stress and cardiovascular risk in healthy older adults

### **Undergraduate Courses**

- 2019 – 2020 Jesus, Maria Clara F. Mentor in the Young Scientific Program  
Project title: Stress mindset and cortisol levels in nursing staff
- 2018 – 2019 Ferreira, Giovanna MAD. Mentor in the Young Scientific Program  
Project title: Hair cortisol and allostatic load biomarkers from normal to pathological aging
- 2018 - 2019 Tavares, Alexia. Mentor in the Young Scientific Program  
Project title: Stress mindset and depressive symptoms during aging
- 2017 – 2018 Moraes, Mariana B. Mentor in the Young Scientific Program.  
Project title: Perceived stress and cortisol levels and subjective cognitive decline
- 2013 – 2014 Handa, Alina Y. Mentor in the Young Scientific Program.  
Project title: Saliva samples compliance and cortisol levels in diverse socioeconomic status
- 2013 – 2014 Silva, Juliana R. Mentor in the Young Scientific Program.  
Project title: Quality of sleep and awakening cortisol response during aging
- 2011 – 2012 Lacerda, Camila M. Mentor for BSN Honors Project.



Project title: Subjective decline and working memory during healthy aging

2011 – 2012 Franco, Marinete E. Mentor in the Young Scientific Program.  
Project title: Subjective memory decline and cortisol reactivity to acute stress.