

## CURRICULUM VITAE

### **Natany da Costa Ferreira Oberfrank, PhD., RN**

Assistant Professor

College of Nursing, 468 CNB, The University of Iowa

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### EDUCATION

<b>Year</b>	<b>Degree</b>	<b>Institution/Location</b>
2022	Postdoctoral	University of Iowa, Iowa City, IA
2019	Doctor of Philosophy	University of Sao Paulo, Sao Paulo, Brazil
2013	Post Masters's Cardiac Nursing	University of Sao Paulo, Sao Paulo, Brazil
2011	Post Masters's Nursing Education Certificate	University of Sao Paulo, Sao Paulo, Brazil
2011	Bachelor of Science in Nursing	University of Sao Paulo, Sao Paulo, Brazil

**Dissertation:** da Costa Ferreira, N. (2019). Validation of the Nursing Outcome Knowledge Heart Failure Management. PhD, University of Sao Paulo.

### LICENSURE

<b>Year</b>	<b>Source</b>	<b>License</b>	<b>Number</b>
2020 - Present	Iowa State Board of Nursing	Registered Nursing (RN)	#161782
2011 - 2022	Sao Paulo State Board of Nursing (BR)	Registered Nursing (RN)	#325.920

### CERTIFICATIONS

<b>Year</b>	<b>Source</b>	<b>Type</b>
2013 - 2016	American Heart Association (AHA)	Basic Life Support (BLS)
2013 - 2016	American Heart Association (AHA)	Advanced Cardiovascular Life Support (ACLS)

## PROFESSIONAL EXPERIENCE

Year	Position	Institution/Location
<b>Academic Appointments</b>		
2022 - Present	Assistant Professor Tenure Track	University of Iowa College of Nursing, Iowa City, IA
2019	Associate Faculty	Faculty of Medical Sciences of Santa Casa of Sao Paulo, School of Nursing, Sao Paulo, BR
2017 – 2019	Associate Faculty	University of Vale do Paraiba, School of Nursing, Sao Paulo, BR
2017 – 2018	Associate Faculty	Hebrew Institute of Education and Research Albert Einstein, School of Nursing, Sao Paulo, BR
2016 – 2017	Associate Faculty	Health Sciences Training and Improvement Center, School of Nursing, Sao Paulo, BR

### **Clinical Appointments**

2013 - 2016	Registered Nurse, Cardiac Intensive Care Unit	Heart Hospital, Sao Paulo, BR
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## HONORS AND AWARDS

2025	Teaching Excellence: Tenure Track Award. University of Iowa, College of Nursing.
2024	New Investigator Award. Midwest Nursing Research Society (MNRS) Self-Care Research & Implementation Interest Group.
2023	Old Gold Summer Fellowship, University of Iowa, College of Nursing.
2023	Derek Hoy Poster Prize. Best poster presentation in the 14 <sup>th</sup> Biennial Conference of the Association for Common European Nursing Diagnoses, Interventions and Outcomes (ACENDIO), Rome, Italy.

2014 Best Oral Communication for Presentation. Selected by the scientific committee of the 2014 North American Nursing Diagnosis Association (NANDA) International Conference, Boston, MA.

## SCHOLARSHIP

### PUBLICATIONS

**KEY: \* = data-based**

#### Journals

##### Peer-Reviewed

1. \***da Costa Ferreira Oberfrank, N.**, D'Agostino, F., Watkinson, E., Takao Lopes, C., D'Angelo, D., & Sanson, G. (2025). Effectiveness of Interventions to Improve Heart Failure Self-Care: An Umbrella Review of Systematic Reviews. *The Journal of Cardiovascular Nursing*. Advance online publication. DOI: 10.1097/JCN.0000000000001253
2. \***da Costa Ferreira Oberfrank, N.**, Watkinson, E., Buck, H., & Dunn Lopez, K. (2025). Patient Interpretations of Heart Failure Symptom Recognition and Self-Management Using Vignettes: A Pilot Study. *Western Journal of Nursing Research*, 47(3), 169–177. DOI: 10.1177/01939459241310085
3. \***da Costa Ferreira Oberfrank, N.**, Liu, W., & Dunn Lopez, K. (2024). Development and Content Validation of the Heart Failure Symptom Management Motivation Questionnaire. *Circulation*. 150, S1. DOI: 10.1161/circ.150.suppl\_1.4137716
4. \***da Costa Ferreira Oberfrank, N.**, Watkinson, E., Buck, H., & Lopez, K. D. (2024). Assessing Heart Failure Self-management Knowledge Through Vignettes. *The Journal of Cardiovascular Nursing*, 10.1097/JCN.0000000000001107. Advanced online publication. DOI: 10.1097/JCN.0000000000001107
5. \*Dunn, H., **da Costa Ferreira Oberfrank, N.**, & Krupp, A. (2024). Pre-implementation of Critical Care Early Mobility Clinical Decision Support: A Content Validation Study. *Computers, informatics, nursing: CIN*, 42(6), 463-469. DOI:10.1097/CIN.0000000000001121.
6. \*Souza-Talarico, J. N., Chesak, S., Elizalde, N., Liu, W., Moon, C., **Oberfrank, N. D. C. F.**, Rauer, A. J., Takao, C. L., Shaw, C., Saravanan, A., Longhi Palacio, F. G., & 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: Journal of the International Society for the Investigation of Stress*, 40(4), e3389. DOI: 10.1002/smj.3389

7. \*Buck, H. G., Howland, C., Stawnychy, M. A., Aldossary, H., Cortés, Y. I., DeBerg, J., Durante, A., Graven, L. J., Irani, E., Jaboob, S., Massouh, A., **Oberfrank, N. D. C. F.**, Saylor, M. A., Wion, R. K., & Bidwell, J. T. (2024). Caregivers' Contributions to Heart Failure Self-care: An Updated Systematic Review. *The Journal of Cardiovascular Nursing*, 39(3), 266-278. DOI: 10.1097/JCN.0000000000001060.
8. \*Chae, S., Oh, H., **da Costa Ferreira Oberfrank, N.**, Schulman-Green, D., Moorhead, M. & Swanson, E. (2022). Linking Nursing Outcomes Classification to Self- and Family Management Framework. *Journal of Advanced Nursing*, 79(2):832-849. DOI: 10.1111/jan.15503
9. \***da Costa Ferreira, N.**, Lopes, C. T., Moorhead, S. A., & Gengo e Silva Butcher, R. C. (2021). Content validation of the nursing outcome Knowledge Heart Failure Management: Brazilian nurses' opinions. *International Journal of Nursing Knowledge*, 32(3): 206-214. DOI: 10.1111/2047-3095.12312
10. \***da Costa Ferreira, N.**, Moorhead, S. A., & Gengo e Silva Butcher, R. C. (2021). The Nurse-Patient Outcome Content Validation Method. *International Journal of Nursing Knowledge*, 32(2): 88-95. DOI: 10.1111/2047-3095.12298
11. \*Afonso, B. Q., **da Costa Ferreira, N.**, & Butcher, R. (2020). Content validation of the symptom control outcome for heart failure patients in palliative care. *Revista Gaúcha de Enfermagem*, 41, e20190427. DOI: 10.1590/1983-1447.2020.20190427
12. \*Vilar, V. M., **da Costa Ferreira, N.**, Nakasato, G.R., Lupinacci, F. L., Lopes, J. L., & Lopes, C. T. (2020). Fatores associados a reações transfusionais imediatas em um hemocentro universitário: estudo analítico retrospectivo [Factors associated with immediate transfusion reactions in a university blood center]. *Medicina Ribeirão Preto*, 53(3): 275-282. DOI: 10.11606/issn.2176-7262.v53i3p275-282
13. \*Takara, N.C., **da Costa Ferreira, N.**, Murakami, B.M., & Lopes, C.T. (2020). Development and validation of an information manual on venous thromboembolism for lay people. *Einstein (São Paulo)*, 18: eAO5425. DOI: 10.31744/einstein\_journal/2020AO5425
14. \*Quirino Afonso, B., **da Costa Ferreira, N.**, & Gengo e Silva Butcher, R. C. (2020).

Conceptual and operational definitions for the indicators of the nursing outcome classification: Symptom control in patients with heart failure in palliative care. Definiciones conceptuales y operacionales de los indicadores del resultado: Control de síntomas para pacientes con insuficiencia cardíaca en cuidados paliativos. *Enfermeria Clínica (English Edition)*, 30(6), 386-397. DOI: 10.1016/j.enfcli.2020.01.001

15. \*Gengo e Silva, R. C., & **da Costa Ferreira, N.** (2017). Content validation study of nursing interventions intended to prevent cardiovascular events in diabetic patients. *Journal of Clinical Nursing*, 26(3-4): 366-368. DOI: 10.1111/jocn.13181
16. \*Oliveira, L. B., de Melo, V. F. A., de Rouiller, A. P. T, **Ferreira, N. da C.**, Carneiro, T. A. B., & Püschel, V. A. de A. (2015). Learning assessment strategies applied to undergraduate nursing education in Brazil. *Revista Iberoamericana de Educación e Investigación en Enfermería*, 5(1): 57-62. Available: <http://www.enfermeria21.com/revistas/aladef/articulo/151/>
17. \***Ferreira, N. da C.**, Ramalho, E. da S., & Lopes, J. de L. (2015). Non-pharmacological strategies to decrease anxiety in cardiac catheterization: Integrative review. *Revista Brasileira de Enfermagem*, 68(6): 1093-1102. DOI: 10.1590/0034-7167.2015680614i
18. \*Pereira, M. O., Anginoni, B. M., **Ferreira, N. da C.**, Oliveira, M. A. F., Vargas, D., & Colvero, L. A. (2013). Effectiveness of the brief intervention for the use of abusive alcohol in primary care: Systematic review. *Revista Brasileira de Enfermagem*, 66(3): 420-428. DOI: 10.1590/S0034-71672013000300018

### Book Chapters

1. Muller, A. G, **da Costa Ferreira, N.**, & Silva, R. C. G. (2019). Coleta de amostra de urina. In E. C. Bergamasco, B. M. Murakami, C. T. Lopes, E. R. Santos (Eds.), *Habilidades Clínicas de Enfermagem* (pp. 422–431). [Urine Sample Collection. In Nursing Clinical Skills (pp. 422–431)]. Rio de Janeiro: Guanabara Koogan.
2. **da Costa Ferreira, N.**, Oscalices, M. I. L., & Hayashi, C. H. (2019). Sondagem Retal. In E. C. Bergamasco, B. M. Murakami, C. T. Lopes, E. R. Santos (Eds.), *Habilidades Clínicas de Enfermagem* (pp. 443-450). [Rectal Catheterization. In Nursing Clinical Skills (pp.443–450)]. Rio de Janeiro: Guanabara Koogan.

### GRANTS

## Scientific and Educational Research Grants

### *Intramural Research Grants*

#### **Funded**

2026 - 2028 From Phenotypes to Outcomes: Advancing Tailored Nursing Interventions in Heart Failure. **PI: da Costa Ferreira Oberfrank.** Co-I: Dunn Lopez, K. Roberta and Reginald Yoder Gerontology Research Fund. College of Nursing Internal Funds, \$30,000

2025 - 2026 Promoting Optimal Aging for Older Adults in Rural Iowa: Co-Designing Remote Health Monitoring Technologies for Heart Failure Care. **PI: da Costa Ferreira Oberfrank, N** & Totah, D. Co-Is: Miracle, S., McGehee, D., & Jones, D. Optimal Aging Initiative Funding Opportunity, The University of Iowa, \$25,000

2022 - 2024 Developing and Validating an Instrument for Heart Failure Symptom Management Motivation. **PI: da Costa Ferreira Oberfrank, N.** Co-Is: Liu, W., & Dunn Lopez, K. Csomay Center Woodrow W. Morris Gerontology Research Award, The University of Iowa, \$5,000

2021 - 2022 Improving heart failure symptom response behaviors using nursing terminologies: a vignette study. **PI: da Costa Ferreira Oberfrank, N.** Co-Is: Buck, L., & Dunn Lopez, K. Class of 1969 Post-doctoral Scholarship, The University of Iowa, College of Nursing, \$2,500

### *Extramural Research Grants*

#### **Funded**

2023 - 2025 Mapping and Validating Nursing Sensitive Outcomes and Interventions towards Nursing Diagnoses related to Self-Care. **PI: da Costa Ferreira Oberfrank, N.** Co-Is: Takao Lopes, C., & Sanson, G. Association for Common European Nursing Diagnoses, Interventions and Outcomes (ACENDIO) Research Grant, \$1,500

#### **Pending**

2026 - 2029 Promoting Self-Care in Older Adults in Heart Failure: A Person-Centered, Precision Approach. **PI: da Costa Ferreira Oberfrank.** Co-Is: Buck, H., Cortes, Y., Alonso, W. 20% effort, American Heart Association, Career Development Awards.

2026 - 2028 Knowledge-Motivation Profiles for Symptom Management in Older Adults with Chronic Heart Failure. **PI: da Costa Ferreira Oberfrank.** Co-Is: Buck, H., Dunn Lopez, K., Perkhounkova, Y. 20% effort, National Institute of Aging, National Institutes of Health, R21.

## Other Sponsored Projects

### *Intramural Sponsored Projects*

#### **Funded**

2018 - 2019 Content Validation of the Nursing Outcome Knowledge: Heart Failure Management. PI: de Almeida Lopes Monteiro da Cruz, D. Co-I: **da Costa Ferreira Oberfrank, N.** Sao Paulo State Research Support Foundation (FAPESP) \$11,100

## PRESENTATIONS

### *Research, Clinical Presentations*

**KEY:** \*=databased; ^=mentored work with student; students underlined

#### **International**

1. \***da Costa Ferreira Oberfrank, N.**, & Dunn Lopez, K. (March 2025). *Validating Standardized Nursing Interventions and Sensitive Outcomes for Heart Failure Self-Care Based on U.S. Experts' Opinions*. 15th European Biennial Conference of ACENDIO, Rotterdam, The Netherlands. [Invited. Podium].
2. \***da Costa Ferreira Oberfrank, N.**, Takao Lopes, C., & Sanson, G. (March 2025). *Cross-Cultural Comparison of Nursing Practice to Promote Heart Failure Self-Care Using Standardized Nursing Languages: U.S, Brazil, And Italy*. 15th European Biennial Conference of ACENDIO, Rotterdam, The Netherlands. [Invited. Podium].

3. **^\*da Costa Ferreira Oberfrank, N.**, Gusen, N., & Dunn Lopez, K. (March 2025). *Mapping Evidence-Based Interventions and Outcomes for Heart Failure Self-Care to Standardized Nursing Classifications*. 15th European Biennial Conference of ACENDIO, Rotterdam, The Netherlands. [Invited. Podium].
4. \*Dunn Lopez, K., **da Costa Ferreira Oberfrank, N.**, Davis, A., & Wagner, C. (June 2023). *Using NANDA-I nursing classifications to compare and harmonize disparate sources of care: handoff transcripts to locally derived electronic health record documentation*. 2023 NANDA I Conference, Boston, United States. [Peer-reviewed. Poster].
5. \***da Costa Ferreira Oberfrank, N.**, Lopes, C. T., Dunn Lopez, K., & Sanson, G. (March 2023). *Mapping and validating nursing-sensitive outcomes and interventions toward nursing diagnoses related to heart failure self-management: A study protocol*. 14<sup>th</sup> International Biennial Conference of ACENDIO. [Peer-reviewed. Poster].
6. \*Clarke, M.F., Dunn Lopez, K., & **da Costa Ferreira Oberfrank, N.** (March 2023). *Magnet® required nursing sensitive indicators and the use of Nursing Interventions Classification (NIC): A study protocol*. 14<sup>th</sup> International Biennial Conference of ACENDIO. [Peer-reviewed. Poster].
7. \*Takara, N., **da Costa Ferreira, N.**, Nakasato, G., Muramaki, B. M., & Lopes, C. T. (June 2021). *Development and validation of a manual on venous thromboembolism prevention for lay people*. 2021 NANDA International Conference, Boston, MA. [Peer-reviewed. Poster].
8. \***da Costa Ferreira, N.**, Lopes, C. T., Moorhead, S. A., & Butcher, R. C. G. S. (June 2021). *Psychometric evaluation of the nursing outcome Knowledge: Heart Failure Management*. 2021 NANDA International Conference, Boston, MA. [Peer-reviewed. Poster].
9. \***da Costa Ferreira, N.**, Moorhead, S. A., Lopes, C. T., & Gengo e Silva Butcher, R. C. (March 2021). *Content validation of the nursing outcome Knowledge: Heart Failure Management by nurses and patients*. 13<sup>th</sup> International Biennial Virtual Conference of ACENDIO. [Invited. Podium].

10. \***da Costa Ferreira, N.**, Moorhead, S. A., & Gengo e Silva Butcher, R. C. (March 2021). *The Nurse-Patient Outcome Content Validation Method: Strengths, challenges, and considerations for its implementation*. 13<sup>th</sup> International Biennial Virtual Conference of ACENDIO. [Invited. Podium].
11. \***da Costa Ferreira, N.**, Guedes, E. S., Maia, F. O. M., Moorhead, S. A., & Butcher, R. C. G. S. (March 2019). *Content validation of the nursing outcome knowledge: Heart failure management in patients with heart failure*. 12<sup>th</sup> International Biennial Conference of ACENDIO, Falun, Sweden. [Invited. Podium].
12. \*Afonso, B. Q., **da Costa Ferreira, N.**, & Butcher, R. C. G. S. (March 2019). *Content validation of the nursing outcome Symptom Control in patients with heart failure in palliative care*. 12<sup>th</sup> International Biennial Conference of ACENDIO, Falun, Sweden. [Invited. Podium].
13. \***da Costa Ferreira, N.**, & Silva, R. C. G. (March 2019). *Heart failure patients' opinion on the relevance of the indicators for the nursing outcome Knowledge: Heart Failure Management*. 12<sup>th</sup> International Biennial Conference of ACENDIO, Falun, Sweden. [Invited. Podium].
14. \***da Costa Ferreira, N.**, Cruz, D. A. L. M., & Butcher, R. C. G. S. (March 2019). *Knowledge: Heart Failure Management—a scoping review aimed to update the nursing outcome*. 12<sup>th</sup> International Biennial Conference of ACENDIO, Falun, Sweden. [Invited. Podium].
15. \***da Costa Ferreira, N.**, Guedes, E. S., Maia, F. O. M., Moorhead, S. A., & Silva, R. C. G. S. (June 2018). *Proposal of new indicators for the nursing outcome Knowledge: Heart Failure Management (1835)*. 2018 NANDA International Conference, Boston, United States. [Peer-reviewed. Poster].
16. \***da Costa Ferreira, N.**, Moorhead, S. A., & Silva, R. C. G. S. (June 2018). *Conceptual and operational definitions of indicators of the nursing outcome Knowledge: Heart Failure Management (1835) for heart failure patients and expert nurses*. 2018 NANDA International Conference, Boston, United States. [Peer-reviewed. Poster].

17. \***Costa Ferreira, N.**, Silva, R. C. G. S; & Maia, F. O. M. (August 2017). *Nursing outcome indicators Knowledge: Congestive Heart Failure Management—protocol of a scoping review*. 1<sup>st</sup> International Meeting on Nursing Process, Sao Paulo, Brazil. [Peer-reviewed. Poster].
18. \***Costa Ferreira, N.**, Afonso, B. Q., & Silva, R. C. G. S. S. (March 2017). *Symptom Control: validation of conceptual and operational definitions of the nursing outcome indicators for cardiovascular patients in palliative care*. International Conference ACENDIO/AENTDE 2017, Valencia, Spain. [Invited. Podium].
19. \*Silva, R. C. G. S., Batista, L. C., & **da Costa Ferreira, N.** (March 2017). *Cross-mapping nursing care intended to prevent cardiovascular events with nursing intervention classification for patients with type-2 diabetes mellitus*. International Conference ACENDIO/AENTDE 2017, Valencia, Spain. [Invited. Podium].
20. \*Silva, R. C. G. S., & **da Costa Ferreira, N.** (September 2014). *Nursing interventions for the prevention of cardiovascular events in outpatients with diabetes*. International Conference on Nursing Knowledge 2014, Porto, Portugal. [Peer-reviewed. Poster].

### National

1. \***da Costa Ferreira Oberfrank, N.**, Liu W, Dunn-Lopez K. (November 2024). *Development and Content Validation of the Heart Failure Symptom Management Motivation Questionnaire*. American Heart Association Scientific Sessions, Chicago, IL. [Peer-reviewed. Poster].
2. \*Howland, C., Buck, H. G., Stawnychy, M., Aldossary, H., Cortes, Y., Deberg, J., Durante, A., Graven, L., Irani, E., Jaboob, S., Massouh, A., **Oberfrank, N.**, Saylor, M. A., Wion, R., & Bidwell, J. (November 2023). *Caregivers' growing contributions to heart failure self-care: an updated systematic review*. American Heart Association Scientific Sessions, Philadelphia, PA. [Peer-reviewed. Poster].
3. \***da Costa Ferreira Oberfrank, N.**, Watkinson, E., Buck, H., & Dunn Lopez, K. (June 2023). *Tailoring patient-centered heart failure symptom management education: A vignette study*. 19<sup>th</sup> Annual Meeting of the American Association of Heart Failure Nurses. (AAHFN), Boston, MA. [Peer-reviewed. Poster].

4. \*Dunn Lopez, K., **da Costa Oberfrank, N.**, Aggarwal, S., Vatani, H. Landes, P., Davis, A., Lindstrom, A., Nowak, M., Boyd, A.D., Martyn-Nemeth, P., Wagner, C., Fraczkowski, D. & Di Eugenio, B. (May 2023). *Usefulness of nursing handoffs and locally derived nursing documentation for research: a pilot study*. American Medical Informatics Association, Clinical Informatics Conference, Chicago, IL. [Invited Podium].
5. \*Afonso, B. Q., **da Costa Ferreira, N.**, & Butcher, R. C. G. S. (May 2019). *Content validity of nursing outcome Symptom Control for heart failure patients in palliative care*. 40<sup>th</sup> Congress of the Society of Cardiology of Sao Paulo, Sao Paulo, Brazil. [Peer-reviewed. Poster].
6. \***da Costa Ferreira, N.**, Guedes, E. S., Maia, F. O. M., Moorhead, S. A., & Silva, R. C. G. S. (May 2018). *Proposal of new indicators for nursing outcomes Knowledge: Heart Failure Management*. 39<sup>th</sup> Congress of the Society of Cardiology of Sao Paulo, Sao Paulo, Brazil. [Peer-reviewed. Poster].
7. \*Martini, T. C., & **da Costa Ferreira, N.** (May 2018). *Knowledge of patients with heart failure: An integrative review*. 39<sup>th</sup> Congress of the Society of Cardiology of Sao Paulo, Sao Paulo, Brazil. [Peer-reviewed. Poster].
8. \* **da Costa Ferreira, N.**, & Silva, R. C. G. S. (May 2015). *Prevention of cardiovascular events in diabetic patients: Consensus validation of nursing interventions*. 36<sup>th</sup> Congress of the Society of Cardiology of Sao Paulo, Sao Paulo, Brazil. [Peer-reviewed. Poster].
9. \***da Costa Ferreira, N.**, & Silva, R. C. G. S. (May 2014). *Methods for assessing adherence to drug therapy in heart failure patients—an integrative review*. 35<sup>th</sup> Congress of the Society of Cardiology of Sao Paulo, Sao Paulo, Brazil. [Peer-reviewed. Poster].

### State/ Regional

#### Local

1. ^Goodman, B., & **da Costa Ferreira Oberfrank, N.** (November 2024). *Exploring Motivation for Heart Failure Symptom Self-management: A Qualitative Study*. The University of Iowa Fall Undergraduate Research Festival (FURF), Iowa City, Iowa. [Poster].
2. \*^**da Costa Ferreira Oberfrank, N.**, Gusen, N., Barten, M., Dunn Lopez, K., & Liu, W.

(April 2024). *Motivation for cardiovascular disease self-management: A systematic review of instruments' psychometric properties*. 2024 Health Sciences Research Day, Iowa City, Iowa. [Peer-reviewed. Poster].

3. \***da Costa Ferreira Oberfrank, N.**, Liu, W., & Dunn Lopez, K. (April 2024). *Uncovering Patients' Motives for Heart Failure Symptom Self-Management: Content Validation of a Novel Questionnaire*. 2024 Health Sciences Research Day, Iowa City, Iowa. [Peer-reviewed. Poster].
4. \***da Costa Ferreira Oberfrank, N.**, Liu, W., & Dunn Lopez, K. (April 2024). *Uncovering Patients' Motives for Heart Failure Symptom Self-Management: Content Validation of a Novel Questionnaire*. 2024 Health Sciences Research Day, Iowa City, Iowa. [Invited. Podium].
5. \***da Costa Ferreira Oberfrank, N.**, Watkinson, E., Buck, H., & Dunn Lopez, K. (March 2023). *Heart failure symptom knowledge: Validation and pilot test of case vignettes*. 47<sup>th</sup> MNRS Annual Research Conference, Des Moines, IA. [Peer-reviewed. Poster.]
6. \***Costa Ferreira, N.**, Moorhead, S. A., & Gengo e Silva Butcher, R. C. (March 2021). *Perspectives of Brazilian patients on the indicators of the outcome Knowledge: Heart Failure Management*. 45<sup>th</sup> MNRS Annual Research Conference, Schaumburg, IL. [Peer-reviewed. Poster].
7. **da Costa Ferreira, N.**, Moorhead, S., & Gengo e Silva Butcher, R. C. (May 2021). *Perspectives of Brazilian patients on the indicators of the outcome Knowledge: Heart Failure Management*. 6<sup>th</sup> Annual University of Iowa Nursing Recognition Day, Iowa City, IA. [Poster].
8. **da Costa Ferreira, N.** (May 2018). *Planning doctoral internships in USA universities*. 1<sup>st</sup> Summer Program of the Adult Health Graduate Program. The University of Sao Paulo, School of Nursing, Sao Paulo, Brazil. [Invited. Podium].
9. Lucena, A. F., **da Costa Ferreira, N.**, & Emidio, S. C. D. (November 2017). *Research Forum: Health Care in Brazil*. The University of Iowa, College of Nursing, Iowa City, Iowa. [Guest speaker].
10. **da Costa Ferreira, N.** (August 2016). *Talking with experts: Cardiology nurses*. 1<sup>st</sup> Conference of the League of Nursing in Cardiology. School of Nursing, Sao Paulo, Brazil. [Guest speaker].

11. \*da Costa Ferreira, N. (May 2015). *Trends for the future of extracorporeal membrane oxygenation (ECMO)*. 36<sup>th</sup> Congress of the Society of Cardiology of Sao Paulo. Sao Paulo, Brazil. [Invited. Podium].

## SERVICE

### PEER REVIEW ACTIVITIES

#### Editor of Journal

2025- Present Editorial Board Review Member, *Journal of Gerontological Nursing*  
 2020 - 2021 Associate Editor, *Revista Eletronica de Enfermagem [Electronic Journal of Nursing]*

#### Peer Review of Scholarly Products

##### Journal Manuscript Ad-hoc Review (pre-publication)

2025 - Present *Digital Health*  
 2025 - Present *Journal of Gerontological Research*  
 2024 - Present *Cardiovascular Diagnosis and Therapy*  
 2023 - Present *Geriatric Nursing*  
 2022 - Present *Journal of Advanced Nursing (JAN)*  
 2021 - Present *Journal of Nursing Measurement (JNM)*  
 2021 - Present *SAGE Open Medicine*  
 2020 - Present *Acta Paulista de Enfermagem [Brazilian Nursing Journal]*  
 2019 - Present *Revista Eletrônica de Enfermagem [Electronic Journal of Nursing]*

#### Peer Review of Teaching or Practice Products and Activities

##### Review of Nominations for Awards, Honors, or Scholarships

2025 Sally Mathis Hartwig Scholarship Award (Individual Awards), [volunteer]

### PROFESSIONAL SERVICE ACTIVITIES

#### Society/Association Membership, Participation, and Leadership

2025 - Present Aliance for Nursing Informatics (ANI), Governing Director

2021 - Present	American Heart Association (AHA)
2022 - present	Communications Committee of the Council on Cardiovascular and Stroke Nursing, Member
2021 - present	Council on Cardiovascular and Stroke Nursing, Member
2021 - Present	American Association of Heart Failure Nurses, Member
2021 - Present	Gamma Chapter of Sigma Theta Tau International Honor Society of Nursing (Sigma), Member
2021 - Present	Phi Beta Delta Honor Society for International Scholars at the University of Iowa, Member
2020 - Present	Nursing Outcomes Classification (NOC) book, Collaborator
2020 - Present	Midwest Nursing Research Society (MNRS)
2023	Past chair of the Self-Care RIG
2022	Chair elected of the Self-Care RIG
2021	Co-chair elected of the Self-Care Research and Implementation Group (RIG)
2021 - present	Awards reviewer, Volunteer
2020 - present	Member
2019	Nursing Interventions Classification (NIC) book - 7 <sup>th</sup> edition translated for the Portuguese language, Scientific reviewer
2017 - Present	The Association for Common European Nursing Diagnoses, Interventions, and Outcomes (ACENDIO)
2024	Awards reviewer (invited)
2017 - present	Member
2016 - Present	NANDA International (formerly the North American Nursing Diagnosis Association), Member
2016 - 2017	Nursing Department, the Congress of the Society of Cardiology of Sao Paulo (SOCESP), Brazil, Scientific director elected
2014 - 2015	Scientific Committee, the Congress of the Society of Cardiology of Sao Paulo (SOCESP), Brazil, Member
2012 - 2018	The Society of Cardiology of Sao Paulo (SOCESP), Brazil, Member

## UNIVERSITY SERVICE

### Committees and Task Forces

#### College of Nursing

2025-Present PhD Admissions and Progression Assembly, Member [appointed]

#### Other University Activities

2024 - Present Co-Director of the Csomay of Community Scholars, The University of Iowa, College of Nursing, Barbara and Richard Csomay Center for Gerontological Excellence, [volunteer]

2022 - Present Captain, End of Alzheimer Walk - Csomay Team, American Heart Association (AHA), Iowa City, [volunteer]

2022 - Present Captain, Heart Walk - Csomay Team, American Heart Association (AHA), Iowa City, [volunteer]

## COLLEGIATE SERVICE

#### Other CON activities

2023 - Present Facilitator for the Interprofessional Education (IPE) II Spring sessions, [volunteer]

## TEACHING

### INSTRUCTIONAL ACTIVITIES

#### Course Instruction

##### University of Iowa

Fall 2025 NURS:5009:0EXW Evaluating Evidence for Practice. DNP Course.  
Primary Teacher, 38 students

NURS:5017:0EXW Quality and Safety. DNP Course. Team Teacher,  
27 students

Spring 2025 NURS:5017:0EXW Quality and Safety. DNP Course. Team Teacher,  
37 students

	NURS:5009:0EXW Evaluating Evidence for Practice. DNP Course. Primary Teacher, 21 students
Fall 2024	NURS:6826:0EXW Doctor of Nursing Practice Project I. DNP Course. Team Teacher, 57 students
	NURS:5017:0EXW Quality and Safety. DNP Course. Team Teacher, 32 students
	NURS:5009:0EXW Evaluating Evidence for Practice. DNP Course. Primary Teacher, 41 students
Spring 2024	NURS:5009:0EXW Evaluating Evidence for Practice. DNP Course. Primary Teacher, 41 students
Fall 2023	NURS:5009:0EXW Evaluating Evidence for Practice. DNP Course. Primary Teacher, 41 students
Fall 2022	NURS:5009:0EXW Evaluating Evidence for Practice. DNP Course. Team Teacher, 44 students
	<b>University Center Sao Camilo, Sao Paulo, Brazil</b>
2019	Clinical Evaluation Applied in High Complexity Nursing Care in the Adult Intensive Care Unit (post-BSN certificate course)
	<b>Faculty of Medical Sciences of Santa Casa of Sao Paulo, Brazil</b>
2019	Nursing Assistance in Electrocardiographic Monitoring (post-BSN certificate course)
	<b>University of Vale do Paraiba, São Paulo, Brazil</b>
2019	Cardiac Urgencies and Emergencies (post-BSN certificate course)  4 hours/week, 3 weeks
2019	Scientific Methodology (post-BSN certificate course)  4 hours/week, 4 weeks
2018	Cardiac Urgencies and Emergencies (post-BSN certificate course)

	4 hours/week, 4 weeks
2018	Cardiology Nursing Care (post-BSN certificate course)
	4 hours/week, 7 weeks
2018	Pharmacology Applied to Cardiology (post-BSN certificate course)
	4 hours/week, 3 weeks
2018	Scientific Methodology (post-BSN certificate course)
	4 hours/week, 9 weeks
2017	Cardiology Nursing Care (post-BSN certificate course)
	4 hours/week, 7 weeks
2017	Scientific Methodology (post-BSN certificate course)
	4 hours/week, 9 weeks
	<b>University of São Paulo, Brazil</b>
2016 - 2018	Medication Administration
	<b>Health Sciences Training and Improvement Center, São Paulo, Brazil</b>
2016–2017	Nursing Care for Client/Critical Patient
	20 hours/week, 24 weeks

### Guest Lecture

	<b>University of Iowa</b>
2022	NURS7310: Measurements in Health Research
	<b>University of Vale do Paraíba, São Paulo, Brazil</b>
2019	Physiopathology of pain - Clinical and Surgical Interventions in Nursing (post-BSN certificate course)
2019	Bleeding and Coagulopathies - Clinical and Surgical Interventions in Nursing (post-BSN certificate course)
2019	Nursing care systematization (NANDA, NOC and NIC Classifications), " Systematization of Nursing Care (post-BSN certificate course)
	<b>University of São Paulo, Brazil</b>

2019           Nursing Classifications: NANDA, NIC and NOC - Integrative Conceptual Matrix (post-BSN certificate course)

2017           Case studies on Nursing Processes - Nursing Process Applied to Cardiopulmonology (post-BSN certificate course)

2016           Upper and tracheal airway aspiration

**Hebrew Institute of Education and Research Albert Einstein, Brazil**

2018           Nursing care systematization (NANDA, NOC and NIC Classifications)- Systematization of Nursing Care (post-BSN certificate course)

2018           Cardiovascular physical examination - Semiology of Nursing (post-BSN certificate course)

**New course development**

**University of Iowa**

2024           Scientific Inquiry, DNP course  
                  Evaluating Evidence for Practice (updated format), DNP course

**MENTORING AND ADVISEMENT**

**Advisement**

*Student Advisement*

**Undergraduate students**

2021 - 2024     2 undergraduate students  
                   1 B.S in Public Health  
                   1 B.S in Biomedical Sciences

**Graduate students**

2022 - 2024     2 PhD nursing students, Advisor