

**UNIVERSITY OF MIAMI**  
Curriculum Vitae

1. Date: March, 2019

PERSONAL

2. Name: Susana Barroso-Fernandez

3.-10. N/A

HIGHER EDUCATION

11. Institutional:  
1990 Barry University, Miami, FL Bachelor of Science – Nursing: Summa cum Laude

2016 University of Miami, Coral Gables, FL - Doctoral Degree

12. Non-Institutional (description; dates):  
N/A

13. Certification, licensure (description; board or agency; dates):

Federal Emergency Management Agency, IS -100.B; IS-700.A

Comprehensive Instructor Workshop, 2008; The Institute for Medical Simulation, Cambridge, MA

Cardio-Pulmonary Resuscitation for Health Care Providers: Active

Cardio-Pulmonary Resuscitation for Health Care Providers, Instructor: Active

Human Subjects Protection Training Certificate. Citi-Training.

Licensure: Florida RN Professional, License Number: 2146782

## EXPERIENCE

### 14. Academic (institutions; rank/status; dates):

2017 to present      **Director, Simulation Hospital Special Programs**  
University of Miami, Coral Gables, FL, 33146, School of Nursing and Health  
Studies. International Academy for Clinical Simulation and Research

2016 to present      **Assistant Professor of Clinical**  
University of Miami, Coral Gables, FL, 33146, School of Nursing and Health  
Studies. Simulation Hospital at the SONHS

2014 to 2017      **Director, Project Management**  
University of Miami, Coral Gables, FL, 33146, School of Nursing and Health  
Studies. International Academy for Clinical Simulation and Research

2008 to 2014      **Nurse Educator**  
University of Miami, Coral Gables, FL, 33146, School of Nursing and Health  
Studies. International Academy for Clinical Simulation and Research

2006 to 2008      **Assistant Director**  
University of Miami, Coral Gables, FL, 33146, School of Nursing and Health  
Studies. International Academy for Clinical Simulation and Research

2003 to 2006      **Simulation Clinical Educator**  
Miami Children's Hospital, Miami, FL, 33155

### 15. Non-Academic (employers; title; responsibilities; dates):

2000 to 2006      **Registered Nurse**  
Miami Children's Hospital, Miami, FL, 33155, Pediatric Intensive Care Unit  
(PICU)

1994 to 1996      **Relief Charge Nurse & Staff Nurse**  
Baptist Hospital of Miami, Miami, FL, 33176, Pediatric Special Care Unit  
(PSCU)

1993 to 1994      **Nurse Manager, Pediatric Unit**

Palmetto General Hospital, Hialeah, FL, 33016,

1994                      **Registered Nurse**

Jackson Memorial Hospital, Miami, FL, 33136, Pediatric Intensive Care Unit (PICU)

1991 to 1994        **Registered Nurse**

Jackson Memorial Hospital, Miami, FL, 33136, Pediatric Intensive Care Unit (PICU)

16. Military (branch; rank; responsibilities; dates):  
N/A

PUBLICATIONS [author(s) (in actual precedence of authorship); title; publisher or journal name; date (current year first); page numbers]

17. Books and monographs published:

**Barroso, S.,** & Ortega, J. (2011). Metodos de educación para la seguridad de los pacientes: Los escenarios de simulación. In M.C. Cometto, *Enfermería y Seguridad de los Pacientes, (pp.411-420)*. Organización Panamericana de la Salud: Washington, D.C.

18. Juried or refereed journal articles and exhibitions:  
N/A

19. Other works, publications and abstracts:

Sanko, J., **Barroso-Suarez, S.**, Lewis-Pierre, L., Mckay, M., Salani, D., Trujillo, G., & Valdes, B. (2014). Board #239 - program innovation. 'Drive by' simulation and game-based educational fair to promote patient safety awareness (submission #8087). *Simulation in Healthcare: Journal of the Society for Simulation in Healthcare*, 9(6), 465. doi: 10.1097/01.SIH.0000459378.26722.96

De Santis, J., Floor-Smith, A., Vermeesch, A., **Barroso, S.**, & Deleon, D. (2013). Motivation, management and mastery: theory resilience in the context of HIV infection. *Journal of the American Psychiatric Nurses Association*, 19(1), 36-46.

De Santis, J., Layerla, D.M., **Barroso, S.**, Gattamorta, K.A., Sanchez, M., & Prado, G.J. (2012). Predictors of eating attitudes and behaviors among gay Hispanic men. *Archives of Psychiatric Nursing*, 26(2), 111-26

De Santis, J., & **Barroso, S.** (2011). Living in silence: a grounded theory study of vulnerability in the context of HIV infection. *Issues in Mental Health Nursing*, 32(6), 345- 54

Arcia, A., Ortega, J., **Barroso, S.**, & Peragallo, N. (2011). *Nursing and Patient Safety Online Course*. On behalf of the World Health Organization Collaborating Center for Nursing Human Resources Development and Patient Safety and in collaboration with the Pan American Health Organization and the International Network for Nursing and Patient Safety. Online course available at <http://www.miami.edu/patientsafety>

Messmer, P.R., **Barroso, S.**, & Gonzalez, L.(2008). Nurse-Physician Collaboration Using a Pediatric HPS. *Journal of Continuing Education in Nursing*, 39(7), 319-327.

20. Other works accepted for publication:  
N/A

#### PROFESSIONAL

21. Funded Research Performed (include all grants received in the last five years, identifying the principal investigator and the amounts and dates of the awards):  
N/A
22. Editorial responsibilities:  
N/A
23. Professional and Honorary Organizations (member; officer; date):
- |               |   |
|---------------|---|
| 2017-Present  | Member, American Public Health Association      |
| 2017- Present | Member, Society for Simulation in Health Care   |
| 2012- Present | Member, National Association of Hispanic Nurses |

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|--------------|--|
| 2016-Present | Member, Sigma Theta Tau-Beta Tau (Nursing Honor Society)   |
| 1990- 2016   | Member, Sigma Theta Tau-Lambda Chi (Nursing Honor Society) |

24. Honors and Awards:

- |                  |   |
|------------------|---|
| <b>2018-2019</b> | <b>Mentor, Empower Me First Mentoring Program, University of Miami</b>                |
| 2014-2015        | Mentor, Robert Wood Johnson Foundation <i>New Careers in Nursing Scholars</i> Program |
| 2014             | Finalist, March of Dimes Nurse of the Year Monroe-Dade County                         |
| 2010, 2013       | Recipient, University of Miami Staff Superstar  |

25. Post-Doctoral Fellowships:

26. Other Professional Activities (e.g., papers presented; performances; conference proceedings; seminar or conference panel member; catalogue work; etc.):

a. National Presentations:

**Barroso-Fernandez, S. Arrojo, M., Francisque, C., & Lamazares-Romero, R. *Healthcare Training Simulators Provide Hands-On Learning to Combat Nursing Shortage, Infant Mortality.* ACC Smithsonian Creativity and Innovation Festival, Washington D.C., April 2019.**

**Barroso-Fernandez, S., Francisque, C., Torres-Leon, M., Asher, S., & Pearce, C.E. Simulation Exhibition. eMerge Americas 2018, Miami Beach, Florida, April 2018.**

**Groom, J & Barroso-Fernandez, S. *Expand Your facility & Operations: Lessons Learned along the Way- Sim Lab to Sim Hospital.* IMSH Society for Simulation in Healthcare Annual Conference. Los Angeles, California, January 2018**

Barroso-Fernandez, S. "Simulated Settings, Real World Impact: How Simulation is Changing Lives and Charting a New Course for Healthcare." 'CANE Talk Speaker. Audrey R. Finkelstein UM Experience Endowed Lecture Series. Coral Gables, Fl. Nov 2017 (also available online).

**Barroso, S.** "Experience in Pediatric Simulation." METI Annual Sales Meeting. Sarasota, Fl. December 2005.

**Barroso, S.** "The Amazing PediaSim Race." Human Patient Simulator Networking Conference, Tampa, Fl. February 23-25, 2005.

**Barroso; S.** "Pediatric Simulation Training." Human Patient Simulator Networking Conference. Human Patient Simulator Networking Conference, Tampa, Fl., February 23-25, 2005.

Messmer, PR, **Barroso, S.** & Gonzalez, JL. "Leader Empowerment, Work and Job Satisfaction and Nurse- Physician Collaboration Using a Pediatric HPS." STTI 38th Biennial Convention, November 12-16, 2005.

Messmer, PR, **Barroso, S** & Gonzalez, JL. "Nurse-Physician Collaboration Using A Pediatric HPS." International Research Congress, Waikoloa, Hawaii, July 16, 2005.

Messmer, PR, **Barroso, S.** & Gonzalez, JL. "Leader Empowerment & Nurse-Physician Collaboration Using a Pediatric Simulator" Fone Evidence-Based Practice Clinical and Leadership, St. Augustine, June 23 & 24, 2005.

Messmer, PR, **Barroso, S.** & Gonzalez, JL. "Leader Empowerment & Nurse Physician Collaboration Using a Pediatric Simulator" FONE Best in Class, Ft. Lauderdale, May 20, 2005.

**Barroso, S** & Messmer, PR & Gonzalez, JL. "The Nurse-Physician Collaboration Study" Human Patient Simulator Networking Annual Conference Tampa, Fl., February 25, 2005.

**Barroso, S, Messmer, PR & Gonzalez, JL. The Nurse-Physician Collaboration Study. FIU Research Day, Improving Health Care Quality through Research," October 15, 2004**

b. Poster Presentations:

**DeBastiani, SD, Barroso-Fernandez, S., & Strokin, N. "Successes and Challenges with Non-Traditional Partnership between a School of Nursing and Public Health Agency to Strengthen Medical Reserve Corps Response." NACCHO Preparedness Summit, St. Louis, Missouri, March 26-29, 2019.**

**Barroso-Fernandez, S., & DeBastiani, SD. "An Exploration of Nursing Student Perspectives in the Benefits and Limitations of Disaster Exercise Simulation Training." Florida Nursing Association North Central Region Conference, Gainesville, Florida, April 14, 2018.**

Messmer, PR, **Barroso, S.** Gonzalez, JL. "Nurse -Physician Collaboration Using A Pediatric HPS" The Forum on Health Care Leadership, Las Vegas, Nevada August 12-16, 2005.

Messmer, PR, **Barroso, S.** & Gonzalez, JL. "Enhancing Nurse-Physician Collaboration Using a Pediatric Simulator". SNRS Annual Conference, Atlanta, Georgia, February 4, 2005.

Messmer, PR, **Barroso, S.** & Gonzalez, JL. "Enhancing Nurse- Physician Collaboration Using a Pediatric Simulator." 2nd Magnet Nursing Conference, Tampa, Fl. February 3, 2005.

Messmer, PR, **Barroso, S.** & Gonzalez, JL. Enhancing Nurse-Physician Collaboration Using a Pediatric Simulator. American Academy of Nursing Annual Conference Washington, DC, November 1-13, 2004.

c. Conference Panel Presentation:

**Barroso-Fernandez, S. "Simulated Settings, Real World Impact: How Simulation is Changing Lives and Charting a New Course for Healthcare." We are One U: Bogota**

**Reception with President Julio Frenk. Bogota, Colombia.  
March 2018**

**Barroso-Fernandez, S. "A Model for Emerging Infectious Disease/Disaster Preparedness Training for Nursing Students." University of Miami College of Engineering and The Hurricane Resilience Research Institute Brown Bag Seminars, University of Miami. Coral Gables, Florida. December 2018**

Debastiani SD, Levoy K, Barroso-Fernandez S, & McCabe B. "Improving Nursing Student Knowledge and Confidence in Responding to Infectious Disease Outbreaks through Disaster Simulation." American Public Health Association Annual Meeting. Atlanta, Georgia. November 2017

Barroso-Fernandez S & DeBastiani SD. "An Exploration of Nursing Student Perspectives on the Benefits and Limitations of Disaster Exercise Simulation Training." American Public Health Association Annual Meeting. Atlanta, Georgia. November 2017

c. Consultant:

2005 Principle Author/Consultant – METI Patient Simulator-PALS Scenarios (\$25,000)

**TEACHING**

27. Teaching Awards Received:  
N/A

28. Teaching Specialization (Note briefly courses taught, new courses developed, innovative or experimental teaching etc.)

University of Miami courses:

**2019** Co-facilitator, tabletop exercise, NUR441 Population Health Spring Semester

**2018-2019** Co-participant/facilitator, Humanitarian U: Instruction for training and preparation for humanitarian and disaster response missions. Planning Fall 2018 and



	<b>Spring 2019. Deployment Summer 2019</b>
<b>2018</b>	<b>Instructor and Course Coordinator, NUR320 Child and Adolescent Health Fall Semester</b>
<b>2018</b>	<b>Lead Creator, simulation scenarios, NUR320 Child and Adolescent Health Fall and Spring Semesters</b>
<b>2018</b>	<b>Guest Lecture, Disaster Preparedness and Response. NUR441 Population Health Fall Semester</b>
2016	Co-Instructor, NUR411 Population Health Fall Semester
<b>2012-Present</b>	<b>Instructor, NUR314 Health Assessment and Promotion Lecture</b>
2007-2017	Nurse Specialist, All Undergraduate Courses, Simulation Component (co-taught)
<b>2006-Present</b>	<b>Instructor and Course Coordinator, NUR314 Health Assessment and Promotion Lab (co-taught)</b>
2006	Clinical Instructor, NUR320 Child and Adolescent Health
2006	Clinical Instructor, NUR448 Psychiatric Mental Health
2012	Nurse Specialist/Lead Instructor, Train the Trainer Simulation Course, Taiwan
2010	Nurse Specialist/Lead Instructor, Train the Trainer Simulation Course, Mexico
2009	Nurse Specialist/Lead Instructor, Train the Trainer Simulation Course, Chile
2017	Guest Lecture, Disaster Preparedness and Response. NUR440 Epidemiology Fall and Summer Semesters
2016	Guest Lecture, Disaster Preparedness and Response. NUR440 Epidemiology Fall and Summer Semesters
2016	Co-creator and facilitator, LGBTQ Cultural Competency Simulation. NUR441 Fall and Spring Semester
2015-2016	Co-creator and facilitator, Disaster Preparedness and Response Simulation Exercise. NUR441 Fall and Spring Semesters
<b>2016-Present</b>	<b>Creator and co-facilitator, Disaster Preparedness and Response Simulation Exercise/Drill. NUR441 Fall and Spring Semesters</b>

29. Thesis and Dissertation Advising/Post-doctoral student supervision

(chairman or committee member; topic; student name; date):  
N/A

## SERVICE

### 30. University Committee and Administrative Responsibilities:

#### Committees:

<b>2019-Present</b>	<b>Member, Simulation Hospital Research Advisory Group</b>
<b>2018-Present</b>	<b>Member, Family Caregiving SIG</b>
<b>2018-Present</b>	<b>Member, Disaster Preparedness SIG</b>
<b>2018-Present</b>	<b>Member, Undergraduate Curriculum Committee</b>
2017-Present	Member, SONHS General Scholarship Committee
2015-Present	Member, Inter-professional Education Taskforce
2013-Present	Member, School Council
2013-Present	Member, Patient Safety Committee
2013-Present	Contributor, Patient Safety Newsletter

#### Administrative Responsibilities:

<b>2019</b>	<b>Exhibitor, NACCHO Preparedness Summit, St. Louis, Missouri, March 26-29, 2019.</b>
<b>1/2018-1/2019</b>	<b>Tour Guide-52 tours-prospective students and their families, prospective faculty, potential donors, external guests, Board of Trustees Members, Visiting Committee members, and VIP's.</b>
<b>2018-Present</b>	<b>Lead Nurse Planner and point person, ANCC Accreditation Self-Study-submitted March 1, 2019</b>
<b>2018</b>	<b>Co-presenter, Exploring CDC/SONHS Collaboration Opportunities Follow-Up Visit to CDC with Dean Munro, July 29-30.</b>
<b>2018</b>	<b>Point Person, Tether Production Company filming/photography shoot, September-October</b>

2016-2018 Point Person and coordinator, UMH Nurse Residency, simulation component  
2014-Present Point Person and coordinator, MDCPS “Day in the Life of a Nurse”  
2010-2014 Coordinator, Urgent Inc. At Risk Youth Summer Camp Simulation Day  
2008-Present Coordinator, UMSONHS “Bring Your Child to Work”  
2007-Present Tour Guide, prospective students and their families, prospective faculty, potential donors, external guests, Board of Trustees members, Visiting Committee members, and VIP’s.

31. Community Activities:

**2018-Present Member, HEAL Trafficking Consortium**  
**2018-Present Member, HEAL Trafficking Consortium Simulation Subcommittee**  
**2018 Guest Speaker, Nursing and Simulation, Somerset Academy South Miami and St. Thomas the Apostle Catholic School**  
**2018-Present Liaison, Miami Dade County Public Schools (MDCPS) and transgender youth and families**  
**2018-Present Volunteer, Somerset Academy South Miami**  
2017-Present Volunteer, Medical Reserve Corp (MRC)  
2017-Present Volunteer, Pridelines LGBTQ Community Center  
2017-Present Volunteer, TransSocial Inc.  
2017-Present Member, University of Miami IBIS Ally  
2017-Present Kiaora member, YES Institute  
2005-Present Participant, MDCPS Career Day

