

## Frances Armstrong, DNP, APRN, AGACNP-BC, AGPCNP-BC

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University of Central Florida, College of Nursing  
Nursing Practice Department  
Frances.Armstrong@ucf.edu

### **EDUCATION**

<b>Years</b>	<b>Degree</b>	<b>Institution</b>	<b>Location</b>
2018 - 2019	Post-Graduate Certificate	University of Central Florida, <i>AGACNP Track</i>	Orlando, FL
2013 - 2016	DNP	University of Florida, <i>AGPCNP Track</i>	Gainesville, FL
2008 - 2012	BSN	University of Florida	Gainesville, FL

### **LICENSURE AND CERTIFICATION**

<b>Year (First Issued)</b>	<b>Source</b>	<b>Type</b>	<b>Number</b>
2019	American Nurses Credentialing Center	Adult-Gerontology Acute Care Nurse Practitioner – Board Certified (Active)	2019031906
2016	American Nurses Credentialing Center	Adult-Gerontology Primary Care Nurse Practitioner – Board Certified (Active)	2016008749
2016	Florida Board of Nursing	Advanced Practice Registered Nurse (Active)	APRN9344019
2014	American Association of Critical Care Nurses	Critical Care Registered Nurse (Alumnus Status)	12465490
2012	Florida Board of Nursing	Registered Nurse, Multistate (Active)	RN9344019

### ***CPR CERTIFICATIONS***

<b>Last Renewed</b>	<b>Type of Certification</b>
2024	Basic Life Support (BLS) – Active
2024	Advanced Cardiovascular Life Support (ACLS) – Active

## **EMPLOYMENT**

### ***ACADEMIC APPOINTMENTS***

<b>Years</b>	<b>Position</b>	<b>Institution</b>	<b>Location</b>
Spring 2025 - Present	Graduate Simulation Coordinator	University of Central Florida, College of Nursing	Orlando, FL
Fall 2024 - Present	Clinical Assistant Professor, Graduate Faculty; Adult-Gerontology Acute Care Nurse Practitioner Program	University of Central Florida, College of Nursing	Orlando, FL
Fall 2023 – Summer 2024	Lecturer, Graduate Faculty; Adult-Gerontology Acute Care Nurse Practitioner Program	University of Central Florida, College of Nursing	Orlando, FL
Summer 2023	Adjunct Graduate Faculty	University of Central Florida, College of Nursing	Orlando, FL

### ***CLINICAL APPOINTMENTS***

<b>Years</b>	<b>Position</b>	<b>Institution</b>	<b>Location</b>
2019 – Present	Nurse Practitioner, Pulmonary and Critical Care Medicine	Central Florida Pulmonary Group, Affiliated with Advent Health Hospital System	Orlando, FL
2016 – 2017	Nurse Practitioner, Sleep Medicine	UF Health Sleep Disorders Clinic	Gainesville, FL
2014 – 2016	Charge Nurse, Medical Intensive Care Unit	UF Health Shands Hospital	Gainesville, FL
2012 – 2014	Staff Nurse & Preceptor, Medical Intensive Care Unit	UF Health Shands Hospital	Gainesville, FL

### **AWARDS AND HONORS**

<b>Date</b>	<b>Award</b>	<b>Organization/Group</b>
2021	ICU Hero Award	Advent Health Hospital
2012 – 2016 (multiple recognitions)	Customer Service is Key Award	UF Health Shands Hospital
2011	Nursing Honor Society Inductee	Sigma Theta Tau International

## **PUBLICATIONS**

### **REFEREED JOURNALS**

1. Blackwell, C.W., **Armstrong, F.**, & López Castillo, H. (2025). *Lenacapavir for HIV PrEP: Interim phase III clinical data evaluation*. The Journal for Nurse Practitioners, 21(4), doi: 10.1016/j.nurpra.2025.105360
2. (In Press) Blackwell, C.W., López Castillo, H., & **Armstrong, F.**, Guido-Sanz, F., & Hicks, R. *Mpox: A reemerging public health emergency*. Manuscript accepted and in press for publication in The Journal for Nurse Practitioners.

### **ABSTRACTS**

1. **Armstrong, F.**, Anderson, M., Guido-Sanz, F., Spears, S., Diaz, D., Blackwell, C.W., & Talbert, S. (2025). *Abstracts presented at the 25th annual International Meeting on Simulation in Healthcare: The usability of ultrasound task trainers*. Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare 20(3):p e1-e80, June 2025. | DOI: 10.1097/SIH.0000000000000858

## **RESEARCH AND GRANTS**

### **RESEARCH GRANTS AND SCHOLARLY PROJECTS—FUNDED**

<b>Year</b>	<b>Title, Funding Agency, Role, Investigators</b>	<b>Amount</b>
2025	<i>Transforming healthcare education curricula with AI &amp; XR; Meta x Bodyswaps Healthcare Education Grant</i> ; Roles: PI - M. Anderson, Co-I's - <b>F. Armstrong</b> , S. Galura, V. Schutz, P.P. Hill	In kind – software/hardware
2025	The use of AI and two-dimensional life like avatars for assessment of simple and complex scenarios; Proto grant; Roles: PI: D. Diaz, Co-Is: P. Hill, J. LaManna, <b>F. Armstrong</b>	\$22,000; In kind

### **RESEARCH, EDUCATIONAL, AND PROJECT APPLICATIONS SUBMITTED—NON-FUNDED**

<b>Year</b>	<b>Title, Role, Investigators</b>
2025	<i>Nursing expertise in clinical decision-making</i> ; Roles: PI: R. Azevedo, Co-I's: M. Anderson, F. Guido-Sanz, <b>F. Armstrong</b> ; ongoing study
2025	<i>Transforming training for multiple nursing learner tracks through AI-enhanced simulations</i> ; Roles: PI: M. Anderson, Co-I's: <b>F. Armstrong</b> , S. Galura, V. Schutz, D. Hernandez, E. Hoyt, P. Hill; ongoing study
2024	<i>Progressing toward competency-based evaluation in Nurse Practitioner programs</i> ; Roles: PI: J. LaManna, Co-I's: M. Anderson, <b>F. Armstrong</b> ; ongoing study
2024	<i>The usability of ultrasound task trainers</i> ; Roles: PI: C. Blackwell, Co-I's: M. Anderson, <b>F. Armstrong</b> , F. Guido-Sanz, D. Diaz, S. Spears, S. Talbert; completed study

### **OTHER FUNDING**

<b>Date</b>	<b>Role</b>	<b>Title</b>	<b>Agency</b>	<b>Type</b>	<b>Amount</b>
2025	Recipient	Dr. Frances Smith Founding Faculty Fund	UCF College of Nursing	Internal	\$4,000

### **PRESENTATIONS – NATIONAL/INTERNATIONAL**

<b>Month/Year</b>	<b>Type</b>	<b>Title/Authors</b>	<b>Conference Title, City, State</b>	<b>Refereed/Invited</b>
May 2025	Podium	Diagnosis and management of HIV in acute care settings; C. Blackwell, F. Guido-Sanz, <b>F. Armstrong</b>	AACN's National Teaching Institute and Critical Care Exposition, Annual Conference	Refereed
January 2025	Podium	The usability of ultrasound task trainers; <b>F. Armstrong</b> , M. Anderson, F. Guido-Sanz, D. Diaz, C. Blackwell, S. Spears	25 <sup>th</sup> International Meeting on Simulation in Healthcare (IMSH), Orlando, FL	Refereed

### **PRESENTATIONS – LOCAL/REGIONAL**

<b>Month/Year</b>	<b>Type</b>	<b>Title/Authors</b>	<b>Conference Title, City, State</b>	<b>Refereed/Invited</b>
February 2025	Podium	Simulating Success: Immersion Technology in Healthcare Education; <b>F. Armstrong</b> , D. Hernandez, M. Anderson, D. Diaz, S. Spears	Florida Healthcare Simulation Alliance, Orlando, FL	N/A
April 2016	Poster	Evaluation of Curricular Preparation of Prospective Providers to Topics of Palliative Care, Advanced Care Planning, and End of Life Discussions at the University of Florida; <b>F. Armstrong</b> & H. Ahn	Annual College of Nursing Research Day and Malasanos Lectureship, DNP Project Presentation, Gainesville, FL	N/A

## **PROJECT ADVISEMENT AND MENTORING**

### ***GRADUATE DISSERTATION / THESIS / PROJECT ADVISING***

<b>Dates</b>	<b>Student</b>	<b>Title</b>	<b>Role</b>
08/2024 – 08/2025	Samantha Barrett	<i>Improving Ventilator Associated Pneumonia Knowledge and Bundle Compliance</i>	DNP Project Chair
08/2024 – 08/2025	Raeanna White	<i>Improving “Crani-Bundle” Compliance Among Staff Nurses and Neurosurgical Extenders: A Quality Improvement Project</i>	DNP Project Chair
08/2024 – 08/2025	Mary Collins	<i>Improving Perioperative Anxiety in Cataract Surgery Patients</i>	DNP Project Chair
08/2023 – 08/2024	Gabriel Mayerson	<i>Overcoming Barriers to Adherence to the Policy of Early Mobilization of Mechanically Ventilated Patients in the Intensive Care Unit at HCA Florida Lake Monroe Hospital, A Multidisciplinary Approach</i>	DNP Project Chair
08/2023 – 08/2024	Brittany Macaione	<i>Improving Advanced Care Planning Communication in Primary Care</i>	DNP Project Chair
08/2023 – 08/2024	Kseniya Tarasova	<i>Introducing the Endoscopy Safety Checklist in Citrus Ambulatory Surgery Center</i>	DNP Project Chair

## **COURSES TAUGHT**

### ***University of Central Florida, College of Nursing***

<b>Semester / Year</b>	<b>Course</b>	<b>Course Title</b>	<b>Enrolled</b>	<b>Program</b>
Summer 2025	NGR5003L <i>Mixed-Mode</i>	Advanced Health Assessment and Diagnostic Reasoning Laboratory ( <b>course lead</b> )	12	DNP
Summer 2025	NGR7913 <i>Online</i>	Doctoral Project 3	3	DNP
Summer 2025	NGR6211 <i>Online</i>	Adult-Gerontology Acute Care Nurse Practitioner II ( <b>course lead</b> )	11	DNP
Summer 2025	NGR6211L <i>Mixed-Mode</i>	Adult-Gerontology Acute Care Nurse Practitioner II Clinical ( <b>course lead</b> )	11	DNP
Spring 2025	NGR6215L <i>Mixed-Mode</i>	Adult-Gerontology Acute Care Nurse Practitioner Practicum ( <b>course lead</b> )	15	DNP
Spring 2025	NGR6230L <i>Mixed-Mode</i>	Diagnostics and Skills for the Critically Ill ( <b>course lead</b> )	16	DNP

<b>Semester / Year</b>	<b>Course</b>	<b>Course Title</b>	<b>Enrolled</b>	<b>Program</b>
Spring 2025	NGR7912C <i>Online</i>	Doctoral Project 2	3	DNP
Fall 2024	NGR5003L <i>Mixed-Mode</i>	Advanced Health Assessment and Diagnostic Reasoning Laboratory ( <b>course lead</b> )	31	DNP
Fall 2024	NGR7911C <i>Online</i>	Doctoral Project I	3	DNP
Summer 2024	NGR5003L <i>Mixed-Mode</i>	Advanced Health Assessment and Diagnostic Reasoning Laboratory ( <b>course lead</b> )	20	DNP
Summer 2024	NGR6211L <i>Clinical</i>	Adult-Gerontology Acute Care Nurse Practitioner I Clinical	15	DNP
Summer 2024	NGR7913C <i>Online</i>	Doctoral Project 3	3	DNP
Spring 2024	NGR6230L <i>Mixed-Mode</i>	Diagnostics and Skills for the Critically Ill	15	DNP
Spring 2024	NGR7912C <i>Online</i>	Doctoral Project 2	3	DNP
Fall 2023	NGR5003L <i>Mixed-Mode</i>	Advanced Health Assessment and Diagnostic Reasoning Laboratory	24	DNP
Fall 2023	NGR6212L <i>Mixed-Mode</i>	Adult-Gerontology Acute Care Nurse Practitioner III Clinical	13	DNP
Fall 2023	NGR7911C <i>Online</i>	Doctoral Project I	3	DNP

## **UNIVERSITY SERVICE**

### ***COLLEGE COMMITTEES***

<b>Date</b>	<b>Committee</b>	<b>Role</b>
01/2025 – 05/2025	University of Central Florida, College of Nursing, Clinical Assistant/Associate Professor and FNP Program Director Search Committee	Member
01/2025 – Present	University of Central Florida, College of Nursing, MSN-DNP Curriculum Committee	Member
08/2024 – 12/2024	University of Central Florida, College of Nursing, Annual Evaluation Standards and Procedures Committee	Member, appointed
08/2023 – Present	University of Central Florida, College of Nursing, Nurse Practitioner Committee, Subcommittee of Nursing Practice Department	Member, Secretary (Fall 2024 – present)

<b>Date</b>	<b>Committee</b>	<b>Role</b>
01/2024 – 06/2024	University of Central Florida, College of Nursing, Internship Experiences Coordinator Search Committee	Member
12/2023 – 06/2024	University of Central Florida, College of Nursing, Assistant/Associate Dean for Clinical Practice	Member
08/2023 – 12/2024	University of Central Florida, College of Nursing, Student Scholarship and Awards	Member

### ***COLLEGE SERVICE - OTHER***

<b>Date</b>	<b>Activity</b>	<b>Role</b>
Spring 2025	2 <sup>nd</sup> Annual UCF College of Nursing Public Health Partners Forum	Co-chair and organizer
Spring 2025	Adult-Gerontology Acute Care Nurse Practitioner Program Admission Application Review	Reviewer
Summer 2024	Knight Nurse Academic Center for Success - Graduate Student Support; Courses – Advanced Health Assessment and Diagnostic Reasoning (didactic)	Tutor/Mentor
Spring 2024	Adult-Gerontology Acute Care Nurse Practitioner Program Admission Application Review	Reviewer
Spring 2024	Knight Nurse Academic Center for Success - Graduate Student Support; Courses – Pathophysiologic Bases for Advanced Nursing Practice	Tutor/Mentor
Fall 2023	Knight Nurse Academic Center for Success - Graduate Student Support; Courses – Pathophysiologic Bases for Advanced Nursing Practice and Advanced Health Assessment and Diagnostic Reasoning (didactic)	Tutor/Mentor

### **PROFESSIONAL ACTIVITIES**

#### ***RECENT PROFESSIONAL DEVELOPMENT ACTIVITIES***

<b>Date</b>	<b>Activity</b>
May, 2025	AACN's National Teaching Institute and Critical Care Exposition, Annual Conference, presenter and attendee
April, 2025	Breathe Easy - Simplify Your Ventilation Simulation Training by IngMar Medical and Echo Healthcare (Webinar) – attendee
February 2025	Society for Critical Care Medicine, Critical Care Ultrasound Adult Skills Course – attendee

<b>Date</b>	<b>Activity</b>
January 2025	American Association of Colleges of Nursing, Annual Doctoral Education Conference – attendee
January 2025	Society for Simulation in Healthcare, Annual International Meeting for Simulation in Healthcare – presenter and attendee
December 2025	University of Central Florida, Faculty Center for Teaching and Learning, Playful Pedagogy – attendee
October 2024	Sentinel U, Uncharted Territories: Simulation Adventures Beyond the Lab – attendee
October 2024	American Association of Colleges of Nursing, Competency Based Education Workshop – attendee
April 2024	National Organization for Nurse Practitioner Faculties, Annual Conference – attendee

#### ***PUBLICATION EDITORIAL BOARDS AND REVIEW***

<b>Date</b>	<b>Journal or Publisher</b>	<b>Role</b>
April 2025	Critical Care Nurse	Reviewer

#### ***CONSULTATION***

<b>Date</b>	<b>Organization/Activity</b>	<b>Role</b>
Spring 2025	Sentinel U – Case Writer for DCE	Subject Matter Expert

#### ***RECENT PROFESSIONAL SERVICE***

<b>Date</b>	<b>Organization</b>	<b>Role</b>
01/2025 – 04/2025	University of Central Florida, College of Nursing 2 <sup>nd</sup> Annual Public Health Partners Forum	Co-organizer
Spring 2025	UCF College of Engineering and Computer Sciences – Ultrasound Utilization Consultation	Subject Matter Expert
11/2022 11/2023 11/2024 04/2025	“Nurse Career Day”, University of Central Florida, College of Nursing	Invited, Guest Speaker
05/2022 – 08/2022	Acute Care Nurse Practitioner Student, University of Alabama at Birmingham	Preceptor, Critical Care Rotation, 280 hours



<b>Date</b>	<b>Organization</b>	<b>Role</b>
01/2021 – 04/2021	MSN Nursing Education Student, University of Central Florida, College of Nursing	Preceptor, 60 hours
2013 – 2016	Annual Skills Fair, UF Health Shands Hospital, Medical Intensive Care Unit	Volunteer Presenter

***SERVICE TO PROFESSIONAL ORGANIZATIONS***

<b>Date</b>	<b>Organization</b>	<b>Role</b>
2024 – Present	Association of Pulmonary Advanced Practice Providers	Member
2024 – Present	Society for Simulation in Healthcare	Member
2023 – Present	Central Florida Advanced Nursing Practice Council	Member
2023 – Present	The National Organization of Nurse Practitioner	Member
2016 – Present	American Association of Nurse Practitioners	Member
2013 – Present	American Association of Critical Care Nurses	Member
2011 – Present	Sigma Theta Tau International, Honor Society of Nursing, Alpha Theta Chapter and Theta Epsilon Chapter	Member