

Teresa L. MacGregor, PhD, ARNP

2800 University Blvd N.
Jacksonville, FL 32211
904-256-7980

Current Position:

Jacksonville University Brooks Rehabilitation College of Healthcare Sciences:
Graduate Director Nathan M. Bisk Center for Online Learning
Master of Science in Nursing Program Director
Assistant Professor of Nursing
Advanced Registered Nurse Practitioner, Division of Pediatric Neurosurgery, University of Florida

Education:

Graduate of University of Florida, 2012—PhD Nursing Sciences
Research focus: Neonatology, Intraventricular hemorrhage, Maternal caregiving, Rehabilitation
Minor Medical Anthropology
Graduate of University of Florida, 1999- Masters of Science in Nursing, Pediatric Nurse Practitioner
Graduate of Jacksonville University, 1994- Bachelor of Science in Nursing, Summa Cum Laude
Graduate of Middleburg High School, 1990- High School Diploma

Licensure/Specialization:

Florida ARNP
Neonatal Intensive Care
Pediatric Primary Care
Pediatric Neurosurgery

National Board Certification:

Pediatric Nursing Certification Board

Honors and Awards:

Summa Cum Laude
Phi Kappa Phi Honor Society
Jacksonville University School of Nursing Honor Society
Sigma Theta Tau Honor Society
Laura Lee Wold Award for Clinical Excellence
Rehabilitation Nurses Foundation New Researcher Award
2013 Women's Lacrosse Team Professor of the Year

Professional Memberships:

Florida Nurses Association
Association of Rehabilitation Nurses
National Association of Pediatric Nurse Practitioners
Sigma Theta Tau
American Association of Colleges of Nursing

Clinical Activities:

Lucy Gooding Neurosurgery Center
Pediatric Nurse Coordinator Spinal Defects Clinic
Pediatric Nurse Coordinator Neuroscience Clinic
Fetal Diagnosis Working Group
Craniofacial Clinic
Pediatric Multicultural Clinic

Clinical Experience:

- 2007-Current **Advanced Registered Nurse Practitioner**, University of Florida Pediatric Neurosurgery Center
800 Prudential Drive, Suite 1005 Jacksonville, FL 32207 (904) 633-0780
Responsible for the care of pediatric neurosurgical patients in the primary and tertiary care settings.
Duties include:
--Accurate, in-depth physical examinations with primary focus on the neurological system, appropriate interventions, and ongoing evaluations of medical management
--Perform neurosurgical interventions to include but not limited to ventricular taps, shunt taps, shunt reprogramming
--After hours on call coverage for the neurosurgical service
--Professional collaboration with physicians and support personnel
--Family education regarding acute and chronic conditions
--Clinical nurse coordinator of the Neurosciences Clinic
--First assistant to the neurosurgeon in the operating room
- 2000-2007 **Advanced Registered Nurse Practitioner**, Jacksonville Pediatric Associates
8774 Perimeter Park Blvd. Jacksonville, FL 32216 (904) 642-6100
Responsible for the care of pediatric patients in the primary care setting, including wellness promotion and illness prevention.
Duties include:
--Accurate, in-depth physical examinations, appropriate interventions, and ongoing evaluations of medical management
--Telephone triage including after hours on call
--Professional collaboration with physicians and support personnel
--Family education and anticipatory guidance regarding health status, development, safety, nutrition, etc.
--Monitoring and maintaining all immunization inventory
--Direct supervision of medical assistants, training, and policy and procedures
--Laboratory policy and procedures
- 1997-2001 **Registered Nurse**, St. Luke's Hospital Family Birth Place
4201 Belfort Road Jacksonville, FL 32216 (904) 296-4345
Responsible for the collaborative nursing care of mothers and infants after delivery, including care of unstable or critically ill infants in the special care nursery. Resigned position in order to pursue career as a pediatric nurse practitioner.
- 1995-2000 **Registered Nurse**, Baptist Medical Center Neonatal Intensive Care Unit
800 Prudential Drive
Jacksonville, FL 32207 (904) 202-2000
Responsible for the collaborative nursing care of critically ill newborns, including assessments, interventions, and evaluations. Resigned position to work part-time in order to pursue Master's Degree.

Faculty and Administrative Experience:

2009- Present Jacksonville University, Jacksonville Florida

Assistant Professor of Nursing Brooks Rehabilitation College of Healthcare Sciences

Since August 2009, I have been an Assistant Professor of Nursing at Jacksonville University, responsible for didactic and clinical instruction of undergraduate and graduate nursing students in the specialty areas of maternal-infant, neonatal, and pediatric nursing, as well as core educational courses. I

have taught in both the ground-based and online programs. I taught full-time until 2014 and now teaching responsibilities account for 30% of my duties. In addition to teaching, I have remained active in scholarly activities including research and publishing with a primary focus in pediatric neurosurgery. I actively participate on multiple committees within the Brooks Rehabilitation College of Healthcare Sciences, as well as the University Planning and Budget committee. In 2012, I worked collaboratively with the University of Florida to develop a nurse-managed Multicultural Clinic to meet the healthcare needs of refugee children in Jacksonville. I served as the Director, nurse practitioner, and student preceptor at the clinic.

Undergraduate Courses:

NUR328 Nursing Care of the Child-Rearing Family Theory
NUR329 Child-Rearing Family Clinical
NUR434 Nursing Care of the Childbearing Family
NUR435 Childbearing Family Clinical
NUR423 Nursing Synthesis
NUR454 Conceptual Approach to Pathophysiology for Nurses
NUR456 Application of Professional Nursing Concepts
NUR424 Care of the High Risk Neonate
NUR424 Childhood Obesity and Opportunities for Intervention

Graduate Courses:

NUR509 Pediatric Primary Care
NUR512 Organization, Delivery, and Policy in Healthcare
NUR513 Emergency Nurse Practitioner II
NUR514 Nursing Leadership and Advanced Roles
NUR516 Information Systems and Technology
NUR525 Measuring Educational Outcomes
NUR548 Curriculum Development in Nursing
NUR551 Role Practicum
NUR610 Information Systems and Technology of Advanced Practice

MSN Program Director Brooks Rehabilitation College of Healthcare Sciences

In June 2014, I was appointed as the MSN Program Director. In this role, I maintain responsibility for the multiple tracks of the Masters of Science in Nursing program, including Family Nurse Practitioner, Emergency Nurse Practitioner, Psychiatric-Mental Health Nurse Practitioner, Adult Gerontology Acute Care Nurse Practitioner, RN to MSN program, MSN Informatics Specialization, MSN Clinical Nurse Educator, and MSN Leadership in the Healthcare System. The masters programs are offered in a ground-based and online format. Primary responsibilities of the role include oversight of curriculum development, revision, and instructional design of all program tracks. Recruiting, hiring, and supervision of faculty, advising team, and programs coordinators are also primary duties. Since being appointed Director, I have overseen the development and approval of the RN to MSN, BSN to DNP, Adult Gerontology Acute Care Program, Psychiatric Mental-Health Program, and multiple post graduate certificates including education, leadership, informatics, and specialty nurse practitioner certifications. I worked diligently to develop new community partnerships which has resulted in consistent clinical placements for our nurse practitioner students. Other initiatives include development of the Clinical Nurse Practitioner Coordinator role and Courtesy Adjunct status for preceptors. I have expanded the MSN community cohorts which provide graduate education in local hospitals from one site to five sites throughout Jacksonville. I act as the primary liaison between graduate nursing and multiple departments on campus including registrar, financial aid, library, and information technology. I represent Jacksonville University's graduate nursing interests with our online partner Bisk Education. In this partnership, I work closely with the Executive team to develop, market, and expand our online nursing offerings.

Graduate Director Nathan M. Bisk Center for Online Learning

In December 2015, Jacksonville University secured a 2.5-million-dollar gift from Bisk Education for the establishment of the Nathan M. Bisk Center for Online Learning (NMBCOL). The gift agreement resulted in the beginning of a center designed to advance online learning endeavors at Jacksonville University beyond existing programs which were primarily nursing. The overarching goal of the NMBCOL is to align efforts with the strategic mission of Jacksonville University to foster high quality online programming. In Spring 2016, I was appointed Graduate Program Director of NMBCOL. In this role, I maintain responsibility for the development and operations of online graduate programming from multiple disciplines to include nursing, health informatics, sport management, and business programs. In addition working closely with program directors, I collaborate with the Academic Technology and Instructional Design teams to develop innovative curriculum design and delivery. In Spring 2017, three new degree offerings will be launched followed by two others in Spring 2018. Other accomplishments include agreements to establish corporate educational offerings with industry partners such as Florida Blue. I represent Jacksonville University's graduate educational interests with the Bisk Education Executive team with strategic planning, marketing, and program execution. In addition to supporting online efforts in collaboration with Bisk Education, we have developed online programming independently through the Jacksonville University platform.

University Service:

At my time at Jacksonville University, I have diligently served to promote the interests of the students, faculty, and mission of the University.

Committees:

Community Outreach 2009
Student Life 2010-2013 (Chair)
Clinics for the Underserved 2012-2013
Evaluation Committee 2013-2014
Leveling Competencies 2012-2013 (Ad hoc)
Faculty Search 2012-2013 (Ad hoc)
Budget and Planning 2013-present (University Committee)
Graduate Committee 2014-present
Online Learning Committee 2015-present (Chair 2015-16)

Service:

Sigma Theta Tau International, Lambda Rho Chapter at Large Board Member 2012-2017
Board Member: Jacksonville University Counselor and Vice President
Biennial Convention Delegate

Multicultural Pediatric Clinic Development 2012-2014, 2016- present
6271 St. Augustine Road Jacksonville, FL
Developed and operated in conjunction with the University of Florida

Phi Kappa Phi Honor Society 2014-present
Board Member: Secretary

Clinton Health Matters Initiative Representative 2013-2015

Ready 2 Learn Back 2 School Bash-2014-present
Coordinated with Baptist Medical Center to facilitate a one day annual school physical event in which over 250 children were served annually.

Ebola: Dr. Kelli Wells, Duval County Health Department

Coordinated a speaker presentation by Dr. Kelli Wells at Jacksonville University to discuss the impact of Ebola

Graduate Student Committee Chair and Teaching Project Mentor:

Sheila Seltzer, MSN, 2011- Jacksonville University Community-Associated Methicillin-Resistant

Staphylococcus aureus Awareness Project

Patricia Williamson, MSN, 2012-Jacksonville University The Effect of Preoperative Warming on Postoperative Hypothermia in Children

Stephanie Henry, MSN, 2012-Jacksonville University Impact of Parenting Grandchildren on Grandmothers' Health

Lisa Propper, DNP, 2012, University of Florida, Neurosurgical Conditions for the Primary Care Provider

Veronica Bula, MSN, 2012, Jacksonville University Febrile Seizure Simulation Neonatal Intensive Care Lecture

Evelyn Keppinger, MSN, 2012, Jacksonville University Febrile Seizure Simulation and Neonatal Intensive Care Lecture

Stephanie Henry, MSN, 2012, Jacksonville University Pediatric Pearls of Wisdom

Navondria Lawson, 2017, Jacksonville University Compassion Fatigue

Freda Still, 2017, Jacksonville University

PUBLICATIONS:

Aldana PR, MacGregor TL, James HE, Marcus, Jr. RB, Indelicato DJ: **Titanium Screws as Fiducial Markers for Image-Guided Stereotactic Proton Irradiation in Pediatric Central Nervous System Tumors: A Technical Report.** *Pediatric Neurosurgery* 2010;46:227-231. (DOI: 10.1159/000320147)

James HE, MacGregor TL, Aldana PR: **Creating a working group for prenatal diagnosis and management as a venue to facilitate neurosurgery health care delivery.** *Pediatric Neurosurgery* 2011;47(3):176-179. (DOI:10.1159/000331567)

James HE, MacGregor TL, Postlethwait RA, Hofrichter PB, Aldana PR. **Advanced Registered Nurse Practitioners and Physicians Assistants in the Practice of Pediatric Neurosurgery: A Clinical Report.** *Pediatric Neurosurgery* 2011;47: 359-363. (DOI: 10.1159/000337727)

James HE, MacGregor TL, Aldana PR. **Creating a Working Group for Prenatal Diagnosis and Management as a Venue to Facilitate Neurosurgical Health Care Delivery.** *Child Nervous System* 2012;28:760. (1 pages) [Abstract]

MacGregor, TL, Sheth, R. (2013) **EEG Pattern Recognition for the Bedside Caregiver: Continuous EEG in Pediatric Patients-Chapter 15 EEG in Epilepsy Syndrome.** In ASET: The Neurodiagnostic Society (Eds). ISBN 1577970977, 9781577970972

James HE, MacGregor TL, Postlethwait RA, Hofrichter PB, Aldana PR. **Advanced Registered Nurse Practitioners and Physicians Assistants in the Practice of Pediatric Neurosurgery: A Potential Quality Improvement Model.** *Journal of Neurosurgery* 2013;11:A369-A370. (2 pages) [Abstract].

James HE, MacGregor TL, Childers Jr DO, La Corte E, Aldana PR. **Pediatric Neurosurgery Patients Need More than a Neurological Surgeon: A Clinical Experience.** *Pediatric Neurosurgery* 2013;49(2).

James HE, Perszyk A, MacGregor TL, Aldana PR. **The Value of Head Circumference Measurements Revisited: A Review as a Potential Quality Improvement and Cost Effective Measure.** *Journal of Neurosurgery: Pediatrics* 2015;16:186-194.

Dastgir, A., Aldana, P.R., MacGregor, TL. **Baclofen pump catheter leakage after migration of the abdominal catheter in a pediatric patient with spasticity.** Journal of Neurosurgery: Pediatric 2015; 16(3), 335-339.

MacGregor, T.L., James, H.E., Everett, L., Childers, Jr, D.O. **Pediatric neurosurgery patients need more than a neurological surgeon – part ii: a clinical report. in the united states lack of parent/caregiver compliance interferes with the patient care sequence.** Pediatric Neurosurgery 2016; 51: 229-235.

Newspaper

MacGregor, TL. **Concussions can occur on or off sports field.** Florida Times Union. May 22, 2013

SCHOLARLY PRESENTATIONS:

National:

Aldana P, Keole, S, MacGregor T, James H. Bone Fiducial Markers for Proton Irradiation in Pediatric CNS Tumors: A Clinical Report, Presented at the 37th Annual Meeting of the AANS/CNS Section on Pediatric Neurological Surgery. Spokane, Washington. December 3, 2008.

James HE, Aldana PR, MacGregor T. Creating a Working Group for Prenatal and Postnatal Patient Management: A Clinical Experience. Presented at the 37th Annual Meeting of the International Society for Pediatric Neurosurgery. Pasadena, California October 15, 2009.

MacGregor TL, James HE, Aldana PR, Childers DO. Pediatric Neurosurgery Patients Need More Than a Neurological Surgeon: A Clinical Experience. Presented at the 38th Annual Meeting of the AANS/CNS Section on Pediatric Neurosurgery. Boston Marriott Copley Place, Boston, Massachusetts. December 1-4, 2009.

MacGregor TL, Aldana PR, James HE, Postlethwait, R. A Prospective Study of MRSA Screening in Pediatric Neurosurgical Patients. Presented at the Annual Meeting of the Congress of Neurological Surgeons. Washington Convention Center, Washington D.C. October 1-6, 2011.

MacGregor TL, Lutz BJ, James HE. Pediatric Neurosciences Clinic: A Novel Approach to Interdisciplinary Pediatric Rehabilitation. Presented at the 37th Annual Education Conference Association of Rehabilitation Nurses. Rio All-Suites, Las Vegas, Nevada November 2-5, 2011.

James HE, MacGregor TL, Aldana PR. When Pressure of the Uterine Cervix Meets Intracranial Pressure: The Scientific Approach to Prenatal Counseling. Presented at the 40th Annual Meeting of the AANS/CNS Section on Pediatric Neurosurgery. Hilton Austin Hotel, Austin, Texas November 29- December 2, 2011.

MacGregor TL. Understanding Maternal Perceptions of Neonatal Intraventricular Hemorrhage. Presented at the First Coast Neonatal Symposium. St Johns County Convention Center at World Golf Village, St. Augustine, Florida April 25-27, 2012.

James HE, MacGregor TL, Postlethwait RA, Hofrichter PB, Aldana PR. Advanced Registered Nurse Practitioners and Physicians Assistants in the Practice of Pediatric Neurosurgery: A Potential Quality Improvement Model. Presented at the 36th Annual Meeting of the American Society of Pediatric Neurosurgeons (ASPN). St. Regis Princeville Resort, Kauai, Hawaii. February 10-15, 2013.

MacGregor TL. Mothers Beliefs Regarding Rehabilitation Following Neonatal Intraventricular Hemorrhage. Presented at 39th Annual Education Conference Association of Rehabilitation Nurses. Westin Charlotte, Charlotte, North Carolina. October 2-5, 2013.

MacGregor TL. Neuroscience Unit Development. Presented at the 43rd Annual Meeting of the AANS/CNS Section on Pediatric Neurological Surgery, Omni Amelia Island Plantation, Amelia Island, Florida. December 2, 2014.

Dastgir, A, Ranalli, NJ, MacGregor, TL, Aldana, PR. Baclofen Pump Catheter Leakage After Migration of the Abdominal Catheter in a Pediatric Patient with Spasticity. Presented at the AANS 83rd Annual Scientific Meeting. Washington, DC. May 2-6, 2015. [Poster]

Goldhagen, J. & MacGregor, T. Creating a Pediatric Health Clinic for Refugee Children. Presented at Challenging Change 2015 Refugee Services Consultation. Jacksonville, Fl. February 11-13, 2015.

James, H., MacGregor, T. & Childers, D. In the United States, Lack of Parent/Caregiver Compliance Interferes With the Pediatric Neurosurgery Patient Care Sequence. Presented at the American Association of Neurological Surgeons 84th Annual Scientific Meeting. Los Angeles, California. April 22-25, 2017.

Regional:

MacGregor, T. A Grounded Theory Study of Maternal Perceptions of Neonatal Intraventricular Hemorrhage. Presented at the Lambda Rho Sigma Theta Tau Chapter Research Symposium, Jacksonville FL. March 11, 2013.

MacGregor, T. Global Health Initiatives in Northeast Florida. Presented at the Lambda Rho Biennial Research and Evidenced Based Practice Symposium, Caring for a Diverse World. Jacksonville Florida. February 5, 2016.

MacGregor, T. & Bird, K. It takes a village. Presented at the Annual Jacksonville University Research Symposium, Jacksonville, Florida. April 3-4, 2017.

MacGregor, T. & Rini, A. Leveraging university partnerships to overcome obstacles in student experiential learning. Presented at the Annual Jacksonville University Research Symposium, Jacksonville, Florida. April 3-4, 2017.

RESEARCH GRANTS:

Understanding Maternal Expectations and Needs Following Neonatal Intraventricular Hemorrhage
Funded by: Rehabilitation Nurses Foundation, January 2011. \$10,000

Influence of Demographic Variables on Neonatal Intraventricular Hemorrhage: Incidence, Interventions, and Complications
Funded by: University of Florida Dean's Fund Research Award, September 2013. \$10,000

RESEARCH STUDIES:

UFJ 2013-007; Meeting the Needs of Youth with Neurosurgical Conditions

UFJ 2013-100; Influence of Demographic Variables on Neonatal Intraventricular Hemorrhage: Incidence, Interventions, and Complications

JU 2016-35; Health Effects of a Standing Desk Intervention on University Students

GUEST LECTURES:

June 21st, 2007-The Neurological Examination, Baptist Medical Center

September 12th, 2007-Neurosurgical Conditions and the Neonate, Baptist Medical Center

January 3rd, 2008-The Neurological Examination, Baptist Medical Center
April 10th, 2008-The Neurological Examination, Baptist Medical Center
October 2nd, 2008-The Neurological Examination, Baptist Medical Center
October 23rd, 2008-The Neurological Examination, Baptist Medical Center
April 22nd, 2009- The Neurological Examination, Baptist Medical Center
August 10th, 2010- The Neurological Examination, Baptist Medical Center
October 6th & 13th, 2010-Pathophysiology of the Neurological System, Jacksonville University
May 24th, 2011- The Neurological Examination, Baptist Medical Center
October 5th & 12th, 2011-Pathophysiology of the Neurological System, Jacksonville University
October 10th & 17th, 2012- Pathophysiology of the Neurological System, Jacksonville University
October 9th & 16th, 2013- Pathophysiology of the Neurological System, Jacksonville University
February 26th & March 5th, 2014 Neurological System Pathophysiology for Nurse Educators, Jacksonville University
October 5, 2015- Assessment of the Pediatric Neurologic System, Baptist Medical Center
October 7 & 14, 2015- Neurological System Pathophysiology for Nurse Practitioners, Jacksonville University
February 17, 2015-Neurological System Pathophysiology for Nurse Educators, Mayo Clinic
October 3rd, 2016-The Neurological Examination, Baptist Medical Center
October 12th, 2016- Pathophysiology of the Neurological System, Jacksonville University

CONFERENCES ATTENDED

March 2-4, 2007- Primary Care Pediatrics and the Child with the Neurosurgical Condition.
Amelia Island Plantation, Amelia Island, Florida.

March 21-25, 2007-National Association of Pediatric Nurse Practitioners Annual Conference, Orlando
Disney's Coronado Springs Hotel, Orlando, Florida

November 26-28, 2007- American Association of Neurological Surgeons, Pediatric Section.
Loews Miami Beach Hotel, Miami, Florida

April 14-17, 2008- 29th Annual National Association of Pediatric Nurse Practitioners Annual Conference,
Gaylord Opryland, Nashville, Tennessee
April 25-27, 2008- Primary Care Pediatrics and the Child with the Neurosurgical Condition.
Amelia Island Plantation, Amelia Island, Florida

March 19-22, 2009- 30th Annual National Association of Pediatric Nurse Practitioners Annual Conference.
Town and Country Hotel and Convention Center, San Diego, California Contact Hours 24

December 1-4, 2009-38th Annual Meeting of the AANS/CNS Section on Pediatric Neurosurgery.
Boston Marriott Copley Place, Boston, Massachusetts.

September 29-October 2, 2010-36th Annual Education Conference Association of Rehabilitation Nurses.
Rosen Shingle Creek, Orlando, Florida

March 23-26, 2011- 32nd Annual National Association of Pediatric Nurse Practitioners Annual Conference.
Baltimore Convention Center, Baltimore, Maryland

November 2-5, 2011-37th Annual Education Conference Association of Rehabilitation Nurses.
Rio All-Suites, Las Vegas, Nevada

November 16-20, 2013-Sigma Theta Tau Biennial Convention
JW Marriott, Indianapolis, Indiana

February 26-28, 2015-AACN Master's Education Conference
Hilton St. Petersburg Bayfront, St. Petersburg, Florida

February 25-27, 2016-AACN Master's Education Conference
Royal Sonesta Hotel, Houston, Texas

February 23-25, 2016-AACN Master's Education Conference
Atlanta Marriott Marquis, Atlanta, Georgia