

# 40th Annual Barrow Neuroscience Nursing Symposium

*The Past 40 Years of Neuroscience Nursing:  
A Caring Science*



**\$10 discount if you register  
on or before 9/22/2022**

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**Oct. 4-5, 2022**

Barrow Neurological Institute, Phoenix, AZ



**Barrow**  
Neurological Institute

## Course Description

This symposium will highlight neuroscience nursing as a caring science, through innovation, education, and research. Participants will celebrate the past 40 years of neuroscience nursing while learning from experts in the field. In addition to featuring the best in nursing care of the past and present, this course will explore the implications for our future. This will include addressing organized approaches to the detailed planning, interventions, and complexity of the neuroscience patient, family, and caregivers. Presentations will include correlative 3D review of neuroanatomy, strengthening resilience, translation of cutting-edge research to bedside care, and international nursing innovations. Participants will come away with evidence-based care strategies and innovations to optimize patient outcomes through achievement of nursing excellence.

## Program Objectives

Upon completion of the course, participants will be able to:

1. Identify critical components in the anatomical assessment of the central nervous system
2. Identify past, present, and emerging education, interventions, and research at Barrow Neurological Institute
3. Define how evidence-based research can benefit patient care and nursing outcomes
4. Learn consensus-building tools to optimize outcomes when working with disparate teams
5. Address key nursing interventions regarding the care and management of the patient with large vessel occlusion
6. Identify the purpose of a virtual hospital and innovative observations of patients
7. Discover ways to sustain resilience and prioritize self-care
8. Discuss innovations in Australia/Canada/Japan supporting clinical practice, research, or education for neuroscience patients

## Who Should Attend

Health care professionals specializing in the field of neuroscience, including all levels of nurses and other professionals involved in various outpatient and inpatient clinical settings

## Guest Faculty



**Ginny Beeson, BSN, MSN, Captain USN (Ret)**  
President and CEO, Ginny Beeson & Associates



**Heather Rabin, PhD**  
Senior Advisor - Wellbeing & Professional Development, Southwest Division, Dignity Health, CommonSpirit Health



**Linda Littlejohns, RN, MSN, SCRN, CNRN, FAAN**  
Neuroscience Consultant



**Matthew Metsker, PA-C, MPAS, MHA, FHM, CMPE**  
Division Director, Mission Control & Virtual Health Services



**DaiWai Olson, PhD, RN**  
Distinguished Teaching Professor, Neurology & Neurological Surgery



**Lt. Col. Stephen Rush, MD**  
Flight Surgeon Commander, 106 RQW Medical Group, Westhampton Beach, NY

# AGENDA

Day 1 | Tuesday, Oct. 4, 2022

## 7:30 a.m. Registration and Breakfast

8 a.m. **Welcome**

*Virginia Prendergast, PhD, NP-C, CNRN, FAAN*

## 8:30 a.m. The Barrow Women's Board Keynote

40 Years of Caring & Change: Looking Back, Looking Forward  
*Ginny Beeson, BSN, MSN, Captain USN (Ret)*

## 9:30 a.m. Break

10 a.m. CNS Control of Blood Sugar: A Potential Future for Diabetes Treatment

*Zaman Mirzadeh, MD, PhD*

10:45 a.m. Holistic Milieu Therapy at the Center for Transitional Neuro-Rehabilitation

*Pamela Klonoff, PhD, Clinical Neuropsychologist*

11:15 a.m. Drug Development for Brain Cancer: Past, Present, and Future

*Nader Sanai, MD*

## Noon Lunch

1 p.m. Other Side of the Rail: Anti-NMDA – Doing it My Way

*Reyna Felix - Patient - 911 Dispatcher*

1:30 p.m. International Panel: Innovations in Practice, Research, and Education

*Craig M. Dale, RN, PhD, CNCC(C); Vicki Evans (Roach);  
Nobuko Okubo, PhD, RN, PHN*

## 2:15 p.m. Break

2:45 p.m. Tying Vascular Brain Anatomy to Symptoms in 3D

*Linda Littlejohns, RN, MSN, SCRNP, CNRN, FAAN*

## 4:15 p.m. Wrap-up and Evaluations



### **Craig M. Dale, RN, PhD, CNCC(C)**

Associate Professor,  
Lawrence S. Bloomberg  
Faculty of Nursing; Scientist,

University of Toronto Centre for the Study of Pain (UTCSP); Scientist, Tory Trauma Program, Sunnybrook Health Sciences Centre, Cross Appointed to the Interdepartmental Division of Critical Care Medicine, University of Toronto, Toronto, Canada



### **Vicki Evans (Roach)**

Clinical Nurse Specialist,  
Concussion Clinic, Royal  
North Shore Hospital,  
Sydney, Australia



### **Nobuko Okubo, PhD, RN, PHN**

Professor, St. Luke's  
International University  
College of Nursing,  
Neuroscience of Nursing, Tokyo, Japan

## Day 2 | Wednesday, Oct. 5, 2022

### 7:30 a.m. Registration and Breakfast

#### 8 a.m. Welcome

*Virginia Prendergast, PhD, NP-C, CNRN, FAAN*

### 8:15 a.m. Warren & Mary Jane Crist Foundation Keynote

Now Is Our Time!

*Ginny Beeson, BSN, MSN, Captain USN (Ret)*

#### 9 a.m. Barrow 3.0

*Michael T. Lawton, MD*

### 9:30 a.m. Break

#### 10 a.m. The Possibility and Potential of Nursing Research

*DaiWai Olson, PhD, RN*

#### 10:45 a.m. PJs and the Thai Cave Rescue

*Lt. Col. Stephen Rush, MD (Zoom)*

#### 11:45 a.m. Other Side of the Rail: From a Grade V AVM to an RN

*Joey Jean Farmer, RN - Patient*

### 12:15 p.m. Lunch

#### 1:15 p.m. Large Vessel Occlusion: The Rise of Thrombectomy

*Daniel Gonzalez, MD*

#### 1:45 p.m. Mission Control: Virtual Hospital Experience

*Matthew Metsker, PA-C, MPAS, MHA, FHM, CMPE,  
and Laura Meacham, MN, RN (Zoom)*

### 2:15 p.m. Break

#### 2:45 p.m. Turning Adversity Into Growth

*Heather Rabin, PhD*

#### 3:15 p.m. The Head Bone's Connected to the Neck Bone in 3D

*Linda Littlejohns, RN, MSN, SCRNP, CNRN, FAAN*

### 4:15 p.m. Wrap-up and Evaluations

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## Conference Planning Committee

**Virginia Prendergast, PhD, NP-C, CNRN, FAAN**

Director, Barrow Advanced Practice Nursing

**Michelle Belusic, BSN, RN, CCRN, CNRN**

Neuroscience Nurse Educator

**Elise Henling, BSN, RN, CRRN**

Neuroscience Nurse Educator

**Madona Plueger, MSN, RN, CNRN, ACNS-BC, FAES**

Neuroscience Clinical Nurse Specialist

**Ina Reynolds, BSN, RN, CCRN, CNRN, SCRNP**

Neuroscience Nurse Educator

**Jessica Salgado-Ortiz, MSN-Ed, RN, SCRNP**

Neuroscience Nurse Educator

**Tiffany Sheehan, PhD, RN, SCRNP, FAHA**

Coordinator, Petznick Stroke Center

**Cindy Sullivan, MN, RN, ANP-C, CNRN**

Coordinator, TBI-SCI Program

**Erin Tucker, BSN, RN, CNRN**

Neuroscience Nurse Educator

# Registration Information

	<b>Early Registration</b> <i>Deadline 9/22/22</i>	<b>Late Registration</b> <i>After 9/22/22</i>
BNI/Dignity staff & students (Oct. 4 ONLY)	\$115	\$125
BNI/Dignity staff & students (Oct. 5 ONLY )	\$115	\$125
BNI/Dignity staff & students (Both days)	\$180	\$190
Visiting Health Care Professionals (Oct. 4 ONLY)	\$130	\$140
Visiting Health Care Professionals (Oct. 5 ONLY)	\$130	\$140
Visiting Health Care Professionals (Both days)	\$205	\$215

**Registration fee includes:** Symposium, continental breakfast, lunch, program materials, and continuing education credits.

**Refund and Cancellation Policy:** A refund, less 20% processing fee, will be made for cancellations submitted in writing prior to 9/26/2022. No refunds will be made thereafter. Barrow reserves the right to cancel or change any program for due causes. Cancellation of a program by Barrow will result in a full refund of tuition. Barrow and SJHMC are not responsible for the refund of travel or hotel expenses under any circumstances.

## REGISTER NOW

<https://register.dignityhealth.org/profile/77768>

For more information, please contact the Barrow Continuing Medical Education Office at [CME@BarrowNeuro.org](mailto:CME@BarrowNeuro.org).

The hours obtained by attending this CE event can be used toward recertification for CNRN and SCRN.

### SPECIAL EVENT:

Take a guided tour of Barrow Neurological Institute (limit of 50 participants)

Sign up today

## Barrow Neurological Institute Faculty

### Daniel Gonzalez, MD

Vascular Neurology

### Pamela S. Klonoff, PhD

Center for Transitional Neuro-Rehabilitation

### Michael T. Lawton, MD

President & CEO, Barrow; Chairman, Department of Neurosurgery; Chief, Vascular & Skull Base Neurosurgery; Robert F. Spetzler Neurosciences Chair

### Zaman Mirzadeh, MD, PhD

Neurosurgeon

### Nader Sanai, MD

Chief, Neurosurgical Oncology Director, Ivy Brain Tumor Center