

University of Pittsburgh School of Nursing

Nurse Anesthesia Program

The Year in Review...

Key Events: June 2006 to June 2007



Yearly Update
7th Edition*

Program Faculty

John O'Donnell CRNA, MSN
Program Director

- Doctoral Student
- Full time faculty since 1993

Laura Palmer CRNA, MNEd
Assistant Director

- Website Design & Database Management
- Full time faculty since 1994

Bettina Dixon CRNA, MSN
Instructor

- Doctoral Student
- Admission Coordinator
- Full time faculty since 1995

Sandra Sell CRNA, MSN
Instructor

- Clinical Site Management
- Community Outreach
- Full time faculty since 2000

Richard Henker PhD, CRNA
Vice Chair, ATC Dept., School of Nursing and Instructor, Nurse Anesthesia Program

- Full time NAP faculty since 2004

Joseph Goode CRNA, MSN

Instructor (see faculty profile page 5)

- Staff CRNA, UPMC Presbyterian
- Faculty since October 2006

James Woomer CRNA, MSN

Instructor (see faculty profile page 5)

- Staff CRNA, Altoona Hospital
- Faculty since December 2006

Program Support

Cynthia McClellan BS

- Administrative Secretary

Valerie Sabo

- Part time Secretary

Index

Certification Exam	2
National Award	2
Community / Volunteer	3, 4
Mentor Program	3
Clinical Site Update	3
Doctorate of Nursing Practice	3
Research Update	3
Simulation Update	4
Visiting Professors	4
Graduation Dinner	5
Admission / Curriculum	5
New Faculty Profiles	5
Publications	6
Awards and Honors	7

US News and World Report 2008 Ranking of Graduate Programs: Pitt Nurse Anesthesia Program Moves up to #5



The University of Pittsburgh School of Nursing Nurse Anesthesia Program has been recognized with a top five ranking among US Nurse Anesthesia Programs.

NURSING-ANESTHESIA

MASTER'S Ranked in 2007

Rank/School	Average assessment score (5.0=highest)
1. Virginia Commonwealth University	4.1
2. U.S. Army Graduate Program in Anesthesia Nursing (TX)	4.0
3. Navy Nurse Corps (MD)	3.8
Rush University (IL)	3.8
5. University of Pittsburgh	3.7
6. Albany Medical College (NY)	3.6
Georgetown University (DC)	3.6
Kaiser Permanente Sch. of Anesthesia/Calif. State U.–Fullerton	3.6
Uniformed Services University of the Health Sciences (MD)	3.6
University of Iowa	3.6

From Page 39: US News 2008 Edition—Best Graduate Schools

Nurse Anesthesia program rankings began in 1998 when the program was ranked #2. In 2004, US Army and Navy Nurse Corps programs were included in the rankings for the first time with Pitt ranked #6. We are very proud that since the rankings began, we are one of only 5 programs to remain within the top ten (University of Pittsburgh, Virginia Commonwealth, Rush University, Albany Medical College and Georgetown).

*Previous Program Updates are on the Nurse Anesthesia Program Website under "General Information". www.pitt.edu/~napcrna
(The First edition from 2001 is a 10 year review)

2006 Graduation and Certification Exam Results

We are very pleased to announce that a total of 43 graduates completed the Nurse Anesthesia Program in December 2006. Once again, we had a 100% pass rate on the examination. The mean score of 565 (SD 40) is similar to results for the past five years. All December graduates took only 90 items on the exam which is the lowest possible number. The National Certification Examination is administered by the Council on Certification of Nurse Anesthesia Educational Programs (CCNA) and graduates may need to take up to 160 items to determine pass/fail status. National pass rates for first time test takers over the last 5 years have ranged from 89% to 94% with the University of Pittsburgh first time pass rate for this period 99.3% (144/145) with the only retake passing on the first attempt with a score of 600.

**Class of 2006
Mean Score: 565**

A change in examination result reporting occurred this year. In the past the examination was scaled on a 300-600 point scale with scores below 300, reported as 300 and scores above 600 reported as 600. This effect is referred to as truncation of scores and has now been eliminated. The new scale ranges from 0 to 900 with scores reported for all values across the distribution. We therefore can no longer report the percentage of the group who scored 600 nor do we yet have data on how the change in scale will affect the overall score distribution nationally.

John O'Donnell Receives National Award

AANA Press Release

PARK RIDGE, Ill. **John O'Donnell**, a Certified Registered Nurse Anesthetist (CRNA) from Pittsburgh, Pa. has been named the **2006 Program Director of the Year** by the American Association of Nurse Anesthetists (AANA).

The Program Director of the Year Award was established in 1991 to recognize a CRNA who has made a significant contribution to the educational process of student nurse anesthetists, while serving as director of a nurse anesthesia educational program. Currently, there are 96 nurse anesthesia programs, and more than 1,300 affiliated clinical sites in the United States. Nurse anesthesia programs are completed within 24-36 months, and students graduate with a master's degree with specialization in nurse anesthesia.

O'Donnell has been program director at the University of Pittsburgh School of Nursing in Pittsburgh, Pa. since 1994. In addition, he is the Associate Director for Nursing Simulation Education at the University of Pittsburgh's Peter M. Winter Institute for Simulation, Education, and Research (WISER).

Considered an expert teacher in the nursing community, he has worked diligently to incorporate state of the art simulation education throughout the nurse anesthesia program curriculum as well as through the entire School of Nursing at Pitt. In addition, he has been involved in multiple research projects evaluating outcomes associated with simulation education.

"Developing innovative teaching approaches which challenge faculty and motivate students to share my enthusiasm for both the art and science of administering anesthesia is something which continues to excite me after 12 years of being program director at the University of Pittsburgh" said O'Donnell. "I take great pride in the accomplishments of my fellow faculty and students and in this role I have an opportunity to help mold and guide the next generation of providers. I love being a member of the nurse anesthesia profession and having a chance to be part of the 125-year history of safe, high quality anesthesia care for which CRNAs are known."

A CRNA for 15 years, O'Donnell received his master's degree in nurse anesthesia from the University of Pittsburgh and his bachelors degree in nursing from Carlow University. He is currently a doctoral candidate in epidemiology at the University of Pittsburgh Graduate School of Public Health.

About the American Association of Nurse Anesthetists: Founded in 1931 and located in Park Ridge, Ill., the AANA is the professional organization for more than 33,000 Certified Registered Nurse Anesthetists (CRNAs). As advanced practice nurses, CRNAs are the hands-on providers of 65 percent of the anesthetics delivered in the United States each year. CRNAs practice in every setting where anesthesia is available and are the sole anesthesia providers in more than two-thirds of all rural hospitals.



Presented at the AANA Annual Meeting
Cleveland, Ohio, August 2006

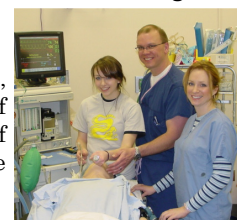
Community Outreach Efforts Continue

This year our community efforts continued with the fifth annual visit from South Fayette High School, again coordinated by one of our NAP graduates and adjunct faculty, Aaron Ostrowski CRNA, MSN (Class of 2002). In March 2007, forty students from the honors anatomy class visited the school for a day of educational offerings, including visiting the ORs at UPMC Presbyterian and Montefiore, a tour of the WISER Simulation Center, and hands-on activities in our simulation and skills lab.



Colfax Elementary School

“Take Your School to the OR” moved into Colfax Elementary School on Beechwood Boulevard for 2 days in June 2006. All members of the NAP Class of 2006 participated in the event. Colfax students from K-8 spent time in the OR with SimBaby, who was presenting for a short surgical procedure. In addition, hands-on activities included intubation, ventilation, hand washing, injecting through an indwelling epidural catheter, use of the AED, and taking a pulse and blood pressure. The elementary school students also had the opportunity to challenge their knowledge by assisting in putting a paper skeleton together. A station demonstrating the effects of smoking on lung function was also featured.



South Fayette High School

Mentor Program Continues for Third Year

The Grand Concourse in Station Square was the setting for the third annual Mentoring Workshop held in January 2007. The workshop included presentations and discussions by several CRNAs from both UPMC and the University of Pittsburgh Faculty. The program originated in 2004 to foster mentoring between practicing CRNAs and students enrolling in the Nurse Anesthesia Program at the University of Pittsburgh and achieved national recognition by winning the 2005 AANA Education Committee “Crystal Apple” award. The program is currently under the direction of Linda Szymanski, a CRNA at UPMC Shadyside and matches willing CRNAs with incoming students. The annual workshop provides educational offerings and the opportunity for CRNA mentors to get to know the student they were assigned.



AANA Research Grant Update

In August 2005 the AANA Foundation awarded **Dr. Richard Henker** \$24,998 for his study titled: **The Association Between Mu-Receptor Genotypes and Postoperative Pain Response** to evaluate the relationship of genotype on opioids received during the perioperative period and post-operative pain scores in patients with isolated orthopedic trauma. This study has involved a wide variety of individuals who have helped with data collection, recruitment, data entry and data analysis. Currently there are 86 subjects enrolled in the study. Some of the results that were presented by Allie Brown at the International Society of Genetics in Nursing in Bristol England: 20% of Caucasians and 29% of African American had the A118G polymorphism for the mu receptor genotype. Other polymorphisms were at even higher levels in African Americans. Additional analysis is being conducted and an abstract has been submitted for consideration at the AANA meeting in Denver in August.

DNP Completion Program

A 36 credit DNP completion program for CRNAs with a previous MSN has been designed. The proposal has been approved at the School of Nursing and University of Pittsburgh levels and has been submitted to the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). Once approved, the Nurse Anesthesia Program MSN to DNP completion curriculum will be posted on both the School of Nursing and Nurse Anesthesia Program web sites and we will begin advertising for admission.

Clinical Site Update

In Fall 2006 new clinical affiliations were established between the Nurse Anesthesia Program and UPMC Braddock, UPMC McKeesport and University of West Virginia Hospitals-Ruby Memorial Hospital. Each new site has proven to be an outstanding addition to our long standing site affiliations. It is projected that 3 more new clinical sites affiliations will be finalized for Fall of 2007 for student rotations.

Dr. Henker Continues his Volunteer Efforts in Cambodia *by Dr. Henker*

My most recent trip to Cambodia in March 2007 again involved volunteering through Health Volunteers Overseas (HVO) at Sihanouk Hospital Center of Hope (SHCH) in Phnom Penh. I had been at this site 2 years earlier and had been asked by HVO to return to focus on evaluation and support of previous teaching regarding the use of epidurals for post-op pain management and use of total intravenous anesthesia (TIVA). HVO has been at this site now for over 2½ years. Multiple HVO nurse anesthesia volunteers have been working at SHCH anywhere from 2 weeks to 6 months at a time.

The primary focus of this visit was to evaluate the progression of this clinical site since I was the 2nd HVO volunteer at SHCH. It was a pleasure to go back. After 2 years the same 3 nurse anesthetists and many of the same OR staff were still at SHCH. Lectures I presented included regional anesthesia, fluid & blood replacement, muscle relaxants, and airway management. The anesthesia staff at SHCH was very professional and resourceful in their anesthesia care. I brought an infusion pump along that was donated by one of the previous volunteers and worked with the anesthesia staff in using TIVA. It is easier for the hospital to obtain propofol than inhaled anesthetic agents therefore the focus on TIVA. As always the Cambodia people are very polite and appreciative of my time and effort.

The other focus of this trip was to set up a clinical site at Angkor Hospital for Children (AHC) in Siem Reap Cambodia for nurse anesthesia students. I had been at AHC last year for 2 weeks teaching them educational methods. After discussions with HVO, AHC and the School of Nursing here at Pitt, it looks like 2 students and I will be going to AHC in November for 2 weeks. There is considerable interest by many of the students in such a rotation. Hopefully this pilot project will become a regular clinical rotation.



Visiting Professors

Dr. Tom Obst CRNA, PhD, Clinical Professor and Director Nurse Anesthesia Program and Patient Simulation Center University of Buffalo, visited the University of Pittsburgh Nurse Anesthesia Program on November 15, 2006. Dr. Obst presented a lecture titled 'Outcomes of Anesthesia Care: Examining the Provider Effect'. More than 50 student anesthetists attended the lecture. Dr. Obst is a CRNA epidemiologist and has conducted research in human simulation, workforce needs and clinical epidemiology.

Faculty Selected Independent Grant Reviewer

For the second year in a row, Sandy Sell was invited by the Division of Independent Review to participate in the Advanced Education Nursing Program Objective Review as a grant reviewer in Rockville, Maryland. Over the course of the 4 day meeting February 13-16, 2007, Ms. Sell interacted with a panel of advanced practice nurses from across the country. The purpose of the panel was to review and critique a variety of proposals requesting funding to establish a unique program aimed at preparing advanced practice nurses through the enhancement of advanced nursing education and practice.

Dr. Ted Eger, Professor Emeritus University of California- San Francisco visited the UPMC Medical Center and the University of Pittsburgh School of Nursing Nurse Anesthesia Program on March 21, 2007. Dr. Eger presented two talks, the first titled 'Inhaled Anesthetic Developments That Can Affect Clinical Practice' and the second 'The History of Anesthesia'. Both talks were very well received with over 50 Nurse Anesthesia Program students in attendance. Dr. Eger is a world renowned figure in research and development of inhaled anesthetics and is credited with the development of the 'MAC' concept and he did much of the preliminary work in introduction of Desflurane to clinical practice.



Dr. Eger with Faculty and Students

Dr. James Robotham, Professor of Anesthesiology, Pediatrics, and Pharmacology and Physiology and Chair, University of Rochester Department of Anesthesiology visited the Nurse Anesthesia Program and provided a lecture 'Lung Mechanics: Physiology and Pathophysiology' in NURSAN 2750 Advanced Principles of Anesthesia III. Dr. Robotham is an internationally recognized pediatric clinician, educator and NIH researcher. His research interests include cardiopulmonary physiology, lung injury in sepsis, sepsis, metabonomics, integration of molecular and physiologic regulation and mitochondrial function in acute stress.

Graduation Dinner

On Friday, December 15, 2006, Heinz Field was the site of the Graduation Celebration for the 43 graduates of the Class of 2006. The event was attended by over 350 guests sharing in the festivities celebrating the accomplishments of the graduates. The graduation celebration for the Class of 2007 will be held at the Hilton Ballroom on December 14, 2007.



SIMULATION UPDATE

Simulation has now been integrated throughout the Nurse Anesthesia Program. As of July 2006, each student will participate in eight distinct simulation modules and average a minimum of 60 hours of high fidelity simulation during the seven semester anesthesia program. The series of simulation modules are designed to promote development of anesthesia skills from basic to complex. Simulation module evaluations, didactic course evaluations, and end of program evaluations indicate that the students view simulation as a positive component of the nurse anesthesia program and request that simulation be offered more frequently. The program faculty were well represented at the 7th Annual International Meeting on Simulation in Healthcare held in Orlando, FL in January 2007. A total of seven simulation related abstracts were accepted for the poster presentation at the meeting.

Program Alumni Continues International Volunteer Activities

Scott Pearson, a 2005 graduate of University of Pittsburgh Nurse Anesthesia Program, has participated in three volunteer anesthesia missions. In 2005 he traveled to Ho Chi Minh, Vietnam and to Antigua, Guatemala in August, 2006. In May 2007 he went to Bhutan, a south Asian nation situated between India and China. It is a mountainous country and one of the most isolated in the world. In Bhutan they performed 72 plastic surgery cases in 5 days. He traveled with Surgicorps (www.surgicorps.com) based in Pittsburgh and run by plastic surgeon Dr. Jack Demos. Surgicorps coordinates entire medical teams which work with the local hospital staff. The team stays at local hotels and are able to explore the culture and night life after a hard days work in the OR.

In Scott's words, "The technology in Guatemala was excellent compared to Vietnam. The hospital was ran by a church organization and well funded. In Vietnam, however, we had to deal with power outages and oxygen flow problems as well as having to contend with safety issues such as lack of auxiliary oxygen supply, waste gas scavenging, gas analyzer capabilities and functioning alarms systems. All equipment and supplies had to be packed up at a local warehouse and taken with us on the plane, with the exception of anesthesia machines. On most of the trips Surgicorps takes, they attempt to take a small side trip for R&R. During the Vietnam trip we went to Cambodia to see the temples of Angkor Wat. Having the chance to do some sightseeing is nice as most would not travel to a 3rd world country for vacation."



Scott Pearson (left) and Guy Leone, MD with a young boy undergoing scar revisions in Bhutan

Admission and Curricular Updates

Dual Curriculum

The University of Pittsburgh Nurse Anesthesia Program has experienced a tremendous increase in applicants with hospitals locally and nationally continuing to experience vacancies of nurse anesthesia providers. In partnership with the UPMC Health System, the University of Pittsburgh Nurse Anesthesia Program instituted a dual entry (Fall and Spring terms) pathway for admission to the program. The move to a dual entry curriculum required several program changes. The goals of the dual entry program are consistent with the 2002-2005 NAREEP grant which supported program expansion to include distance education to hospitals serving rural and elderly populations. Primary benefits include more consistent student numbers across rotations allowing more robust opportunity, clinical site decompression and student entry into the workforce at two points in the year (December and May). Final approval by the AANA COA was received in November 2006 with the first 'January start' class beginning full time study in January 2007. These 20 students are expected to graduate in April 2009. Four NAP courses are now offered twice a year. The overall curricular sequence required only minor changes and student responses to date have been very positive. Through UPMC support, we were very pleased to add two full time faculty members, Joseph Goode CRNA, MSN and James Woomer CRNA, MSN who will help to meet the demands and increased workload required by the dual curriculum. An even admission number for classes beginning Fall and Spring terms are planned in the future. The admission process remains unchanged with interviewing in late fall and winter for both classes beginning the following Fall and Spring terms. The dual entry proposal was supported by the University of Pittsburgh School of Nursing, the Department of Anesthesiology of the University of Pittsburgh and UPMC.

New Faculty Profiles

Joseph S. Goode, Jr., MSN, CRNA

Mr. Goode began his initial undergraduate training at the University of Michigan. He joined the staff of the Anesthesia Research Department at Montefiore University Hospital of Pittsburgh under the direction of Dr. Miroslav Klain in 1985, and remained as a part of that department until August of 1998, during which time he obtained his BSN from the University of Pittsburgh. In 1998 he entered the University of Pittsburgh Nurse Anesthesia Program, graduating in December of 2000. Mr. Goode has been involved in both the clinical and laboratory research fields since 1979 and has presented his work at a variety of conferences. He has spoken on or been published in areas as diverse as anesthesia, artificial organ development, emergency medicine and simulation education and training. He continues to be involved in several research projects, with a primary interest in the areas of respiratory physiology, High Frequency Jet Ventilation, Virtual Reality and Simulation Training. Current active and/or funded projects include *The Impact of Intravenous Catheter Insertion Training Modalities (Simulated) On Clinical Intravenous Catheter Insertion Performance* (Sigma Theta Tau International, Eta Chapter Research Grant); and *Evaluation and Validation of a Novel System for Quantitative Assessment of Bag Valve Mask Ventilation* (University of Pittsburgh Department of Anesthesiology Seed Grant). Mr. Goode continues to work as a staff CRNA at UPMC Presbyterian.

Evidence Based Practice Curriculum

Several Nurse Anesthesia Program curriculum changes were made to reflect the School of Nursing's transition to an Evidence Based Practice (EBP) curriculum. Since 1991, our program has included 52 didactic credits over 28 months. The EBP changes to our program were approved in 2006 and are a credit neutral change. The University of Pittsburgh Nurse Anesthesia Program contains 52 didactic and 60 clinical credits — more than twice the number of credits of any other School of Nursing graduate program. The new curricular design includes 22 core and 30 anesthesia specialty credits. Core course revisions include the division of Nursing Theory and Research into 2 courses: Research for EBP I & II. Also added is a 3 credit Statistics for EBP. Two courses, Health Promotion and Physical Diagnosis were increased by one credit each. The 6 elective credits were also eliminated. One new anesthesia course was developed called Team Training in Patient Safety (1 credit). This course is focused on the use of human simulation educational methodology and is designed to enhance skill in patient safety, collaboration, leadership, team training and crisis management. The evidence-based practice emphasis in our curriculum strengthens the connection between clinical and academia and demonstrates compliance with the American Association of Colleges of Nursing (AACN) Essentials of Masters Education. The AACN has an accrediting arm (CCNE) which accredits the overall University of Pittsburgh School of Nursing.

Current Full Time Students:

39—Class of 2007

33—Class of 2008

20—Class of 2009
(Spring Start)

James Woomer, MSN, CRNA

Mr. Woomer completed his undergraduate nursing education at the Pennsylvania State University in 1996 after graduating from the Altoona Hospital School of Nursing in 1992. He worked as a critical care nurse at a community hospital in Altoona as well as several hospitals in Connecticut, South Florida, and Maryland. In 1998, he entered the Nurse Anesthesia Program at the University of Pittsburgh School of Nursing, graduating in December of 2000. He has been a staff nurse anesthetist with Lexington Anesthesia Associates since 2003 and continues clinical practice at the Altoona Regional Health System where his primary interests include anesthesia for orthopedic and ENT surgery in an outpatient surgical environment. In 2003 when the University of Pittsburgh Nurse Anesthesia Program established a clinical site at Altoona Regional Health System he served as clinical coordinator until December 2006 when he joined the Program Faculty. In October, 2005 Mr. Woomer joined the Board of Trustees of the Pennsylvania Association of Nurse Anesthetists. His roles at the PANA have included Chair of the Publications Committee, Editor of the PANA Newsletter, Chair of PANA District VII, and participation on the Student Activities and Bylaws Committees.

Publications *Faculty, Alumni, and Students*

Articles

Hoffmann R, O'Donnell JM, Kim Y. *The Effects of Human Patient Simulators on Basic Knowledge in Critical Care Nursing with Undergraduate Senior Baccalaureate Nursing Students.* *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare* 2(2):110-114, 2007 Summer. www.simulationinhealthcare.com

Lentz MJ, Woods N, Heitkemper M, Mitchell E, Henker R, Shaver J. *Ovarian Steroids and Premenstrual Symptoms: A Comparison of Group Differences and Intra-Individual Patterns.* *Research in Nursing & Health* 30,238-249, 2007 May.

Palmer L, Hoffman L. *Special Feature: Detecting and Preventing Substance Abuse in Health Care Professionals.* *Critical Care Alert* 15(1):5-8, 2007 April. American Health Consultants www.ahcmedia.com

Adams L, Malcott C, and Petrunak E. *Thoracoabdominal aneurysm repair: A case report.* *AANA Journal* 75(2):117-21, 2007 April.

Henker R, Carlson, KK. *Fever: Applying Research to Bedside Practice.* *AACN Advanced Critical Care* 18(1):76-87, 2007 Jan-March.

Vallejo MC, Sah M, Phelps AL, O'Donnell J, Romeo RC. *Desflurane versus Sevoflurane for Laparoscopic Gastroplasty in Morbidly Obese Patients.* *Journal of Clinical Anesthesia* 19(1):3-8, 2007 Feb.

Dixon BA, O'Donnell JM. *Is your patient susceptible to malignant hyperthermia?* *Nursing2006* 36(12 pt 1):26-27, 2006 December.

Macksey L. *Aspirated bezoar in a pediatric patient: A case report.* *AANA Journal* 74(4):295-298, 2006 August.

Zwiers WJ, Blodgett TM, Vallejo MC, Finegold H. *Successful vaginal delivery for a parturient with complete aortic coarctation.* *Journal of Clinical Anesthesia* 18(4):300-3, 2006 June.

Abstracts / Posters

McKinnon J, Goode JA, Lutz J, Odonohoe O, Phrampus P, O'Donnell JM. *07 IMSH Work-In-Progress Abstracts: The Public EndNote Reference Project (PERP) at WISER: A Research and Publication Tool for Simulation Educators.* *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare*, 1(1), 109, 2007. www.simulationinhealthcare.com

O'Donnell J, Bradle J, Goode J. *Development of a Simulation and Internet Based Pilot Intervention to Evaluate Adherence to a Patient Transfer Protocol in the Real World Environment.* Poster Presentation at the 7th Annual International Meeting on Simulation in Healthcare - Lake Buena Vista Florida January 2007 and published for distribution to all attendees.

Sell S, Starkey J, Dixon B, Henker R, Palmer L, O'Donnell J. *Evaluation of a Problem Based (PB) Simulation Module on Graduate Nurse Anesthesia Student Learning and Attitudes Toward Human Simulation Education.* Poster Presentation at the 7th Annual International Meeting on Simulation in Healthcare - Lake Buena Vista Florida January 2007. *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare*, 1(1), 63, 2007. www.simulationinhealthcare.com

Goode J, Schumann T, Klain M, O'Donnell J. *Evaluation of a Novel System for Quantitative Assessment of Bag Valve mask Ventilation (BVMV).* Poster Presentation at the 7th Annual International Meeting on Simulation in Healthcare - Lake Buena Vista Florida January 2007 and published for distribution to all attendees. *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare*, 1(1), 96, 2007. www.simulationinhealthcare.com

O'Donnell J, Goode J, Odonohoe O, Choe MJ. *The Impact of Intravenous Catheter Insertion Training Modalities On Clinical Intravenous Catheter Insertions Performance in Graduate Nursing Students.* Poster Presentation at the 7th Annual International Meeting on Simulation in Healthcare - Lake Buena Vista Florida January 2007. *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare*, 1(1), 114, 2007. www.simulationinhealthcare.com

Sell S, Dixon B, Henker R, Palmer L, O'Donnell J. *Quality Improvement Monitoring and Evaluation of a Course Enhancement Simulation Module.* Poster Presentation at the 7th Annual International Meeting on Simulation in Healthcare - Lake Buena Vista Florida January 2007 and published for distribution to all attendees.

Sell S, Dixon B, Henker R, Palmer L, O'Donnell J. *Integration of Simulation Throughout a Nurse Anesthesia Program Curriculum.* Poster Presentation at the 7th Annual International Meeting on Simulation in Healthcare - Lake Buena Vista Florida January 2007 and published for distribution to all attendees.

Sell S, Starkey J, Dixon B, Palmer L, O'Donnell J, Henker R. *Evaluation of a Problem Based (PB) Simulation Module (NURSAN 2720) on Graduate Nurse Anesthesia Student Learning and Attitudes Toward Human Simulation Education.* Poster Presentation at the AANA National Meeting - Cleveland, OH August 2006. *AANA Journal* State of the Science Oral and Poster Presentations Part 2, 74(6) 460, 2006 December.

Fauls S, Vallejo M, O'Donnell, J. *Prevention of dental injuries in the operating room: The Dental Risk Recognition Injury and Prevention Program (DRRIPP).* Poster Presentation at the AANA National Meeting - Cleveland, OH August 2006. *AANA Journal* State of the Science Oral and Poster Presentations Part 1, 74(5), 395, 2006 October.

O'Donnell JM, Goode JS, Bradle JA, Fleegle-Vitsas JA, Caccamese SA, Wolf GA, Cook E, Daday CV, Moczan AM. *The Nursing Back Injury Prevention Project (NBIPP)- A Pilot Study.* Poster Presentation at the AANA National Meeting - Cleveland, OH August 2006. *AANA Journal* State of the Science Oral and Poster Presentations Part 1, 74(5), 402-3, 2006 October.

Sell S, Starkey J, Dixon B, Palmer L, O'Donnell J, Henker R. *Quality Improvement Monitoring and Evaluation of Course Enhancement Simulation Module.* Poster Presentation at the AANA National Meeting - Cleveland, OH August 2006. *AANA Journal* State of the Science Oral and Poster Presentations Part 1, 74(5), 389, 2006 October.

Books

Macksey L. *Nurse Anesthesia Pocket Guide.* Jones and Bartlett Publishers. 2007 www.jbpub.com/catalog/0763746479

Awards and Honors



American Association of Nurse Anesthetists (AANA)



August 2006
Darrell Perry, RN Memorial
 Scholarship
Brian Keller, Class of 2006
 Lakeview Scholarship
Carol Mackin, Class of 2006



AANA Student Researcher Award
December 2006

One of 10 students nationally recognized
Carol Mackin, Class of 2006

AANA Education Committee
 Sponsor a Student Award

One of 15 students selected from competition for
 funding to attend the February 2007 Assembly
 of School Faculty in Orlando.

Raelyn Raver, Class of 2007



AANA Student Writing Contest
 Honorable Mention *August 2006*

Sugammadex Sodium in Reversal of
Neuromuscular Blockade: A Selective
Relaxant Binding

Jason Applegate, Class of 2006



Award Presented by
 John O'Donnell,
 Program Director

Graduate Student Nursing Organization Officers 2006-2007

President: **Joni Barrett**, Class of 2007
 Vice President: **Sunny Yost**, Class of 2007
 Secretary: **Jane Cambest**, Class of 2008
 Treasurer: **Angie Henderson**, Class of 2008

University of Pittsburgh Nurse Anesthesia Program Awarded *December 2006* Class of 2006

Agatha Hodgins Award for Academic and Clinical Excellence

Amy Baker, Michelle Kaus, Carol Mackin

Academic Excellence Award - Recognizing a 4.0 QPA

**Paula Hrobak, Michelle Kaus, Amy Baker, Tonya
 Ryan, Carol Mackin, Chelsea Richardson, Douglas
 Dukes, Troy Seskey, Dawn Thomas, Teresa
 Stackhouse, Erica Sherer**

"Above and Beyond" Service Award

**Kelly Morealle, Sara Fauls, Carrie Kaylos, SuAnne
 Caccamese, Paula Hrobak, Chelsea Richardson,
 Alicia Sciuillo**

Susan Nath Bywaters Endowment Award

Jacqueline Sepaniac

University of Pittsburgh School of Nursing Awarded at Convocation — *September 18, 2006*

Dorothy Drake Brooks Endowment
Kirsi-Marja Dolinger, Class of 2008

W. Edward and Jeannette L. Wolfe Memorial Fund

Paula Hrobak, Class of 2006

Patricia P. Lynch Scholarship

Serafina Bear, Class of 2007

Gail A. Wolf Graduate Nursing Leadership Award

Krista Bragg, CRNA, MSN
 Alumni, University of Pittsburgh



Pennsylvania Association of Nurse Anesthetists (PANA) Scholarship *October 2006*

Jennifer Fleegle-Vitsas, Class of 2007
Monica Helinski, Class of 2007

Pennsylvania Association of Nurse Anesthetists (PANA) Outstanding Student of the Year Award *October 2006*

Carrie Kaylos, Class of 2006

Faculty and Alumni

Pennsylvania Association of Nurse Anesthetists (PANA) *October 2006*

Outstanding Clinician of the Year

Mary Lou Taylor, CRNA, BSN
 CRNA Director, UPMC St. Margaret
 Student Coordinator

Outstanding Didactic Instructor of the Year

Joseph Goode, CRNA, MSN
 Faculty, University of Pittsburgh

Outstanding Clinical Instructor of the Year

Rebecca Stoudt, CRNA, MSN
 Staff Nurse Anesthetist and Student Coordinator,
 Geisinger Medical Center, Danville, PA
 Alumni, University of Pittsburgh



University of Pittsburgh School of Nursing "Cameo of Caring" Award *October 2006*

Margaret Lucas, CRNA, MSN
 Staff Nurse Anesthetist and Student Coordinator,
 UPMC Presbyterian
 Alumni, University of Pittsburgh

The gala was held at The David Lawrence Convention Center on
 September 30th with over 1,200 guests in attendance. This event
 was a salute to the nursing profession and 56 extraordinary men
 and women from around the region and the tri-state area received
 awards.

The Program Website
www.pitt.edu/~napcrna

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 Nurse Anesthesia Program
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