This issue of Penn State Anesthesiology News celebrates the new arrival of our residents, CRNAs, fellows and faculty in anticipation of another busy academic year following the opening of the new Children’s Hospital in February. In total we welcome 10 new faculty, 5 new CRNAs, 6 new fellows and 20 new residents in these pages.

Each year, to welcome our new departmental members, we hold a welcome picnic at Mt. Gretna Lake, which is thoroughly enjoyed by all who join us. Our two Chief Residents, Drs. Steven Later and Mike Sharghi, were instrumental in engendering a great deal of interest in people attending by newly incorporating a “Dunk Tank” that was enjoyed by most of the spectators, if not all the participants, a select few of whom were volunteered/dragooned into joining the fun. The inside photos demonstrate the utility of said “Dunk Tank” in engendering team spirit.

Since my last writing we are pleased to announce the well-deserved promotions of Dr. Arne Budde and Dr. Jill Eckert to Associate Professor of Anesthesiology and Dr. Vitaly Gordin to Full Professor of Anesthesiology. Further, there were a number of new appointments: Dr. Jill Eckert has been appointed Vice Chair of Residency and Education, joining the other two Vice Chairs in the Department, Dr. Sonia Vaida, Vice Chair for Research and Dr. Pat McQuillan, Vice Chair for Clinical Care.

Dr. Shannon Grap now Chairs the Medical Student Education Committee, Dr. Verghese Cherian has been named Division Head for the newly created General Anesthesia Division, Dr. Lisa Sinz is the new Division Director for Critical Care, while Dr. Srikantha Rao has become the new Division Director for Cardiac Anesthesiology, and Dr. Jansie Prozesky has been named the Quality Leader for the Department. Dr. Verghese Cherian also serves as the Co-leader of Quality for the department.

We are also pleased to announce the expansion of our fellowships with the reactivation of our Critical Care Fellowship with Dr. John Tashman as our first fellow, and the addition of a second Pediatric Anesthesia Fellowship position directed by Dr. Greg Weller.

Further, committees that are to be developed are the TEE and Perioperative Ultrasound Committee headed by Dr. Dmitri Guvakov, as well as the institutional Opioid Prescription Use and Monitoring Task Force Committee chaired by Dr. Vitaly Gordin and co-chaired by Dr. Sanjib Adhikary.

Often staff are not aware of the broad representation that Anesthesiology representatives enjoy throughout the institution. In order to recognize this and thank all involved for their service to the department and institution, we enumerate these positions on pages 2 and 3; I am sure readers will be impressed.
Awards & Recognition

Sanjib Adhikary, MD was honored for his contributions to the Harrell Health Sciences Library. He’ll be featured on a poster in our library to promote learning and scholarship.

Jill Eckert, DO has been recognized for this year’s Dean’s Award for Excellence in Teaching!

Daniel Morgan, PhD has been appointed as the 2013 Satvir S. Tevetia Junior Faculty Scholar for his grant application “Does enhanced cannabinoid receptor 1 (CB1) signaling increase the risk of drug abuse?”

Lisa Sinz, MD has received several awards and recognition throughout the past year. She was appointed as a Fellow of the American College of Critical Care Medicine. She was also recently elected to the Penn State Hershey Medical Group Board of Governors. Finally, Lisa received the Dean’s Award for Excellence in Teaching.

Sonia Vaida, MD has been recognized for this year’s Dean’s Award for Excellence in Teaching!

Chairman’s Corner, cont.

College of Medicine Committee Participation:

Conflict of Interest Review Committee
Donald Martin, MD

Medical Education Council
Lisa Sinz, MD

Medical Student Research Committee
Bosseau Murray, MB, ChB, MD

Disability Services Committee
Donald Martin, MD

Medical Student Selection Committee
Katie Donahue, DO

Executive Council
Donald Martin, MD
Berend Mets, MB, ChB, PhD

Medical Student Academic Progress Committee - Years 3 & 4
Berend Mets, MB, ChB, PhD

Institutional Review Board
Verghese Cherian, MBBS, MD
Kane High, MD

University Faculty Senators
Octavio Falcucci, MD
Kane High, MD
Venugopal Reddy, MD

Library Advisory Committee
Khaled Sedeek, MD

Hershey Medical Center Committee Participation:

Clinical Chairs Council
Berend Mets, MB, ChB, PhD (Chair)

Pharmacy & Therapeutics Committee
Priti Dalal, MD, FRCA
Kai Singbartl, MD, PhD

Ethics Committee
Lisa Sinz, MD

Physician Advisory Council
Srikantha Rao, MD, MS

Medical Staff Executive Committee
Berend Mets, MB, ChB, PhD

Trauma Core Group
Octavio Falcucci, MD

Periop Council
Mike Bahry, BS, MSSM
Katie Donahue, DO
Patrick McQuillan, MD, FAAP

Periop Council (Cont.)
Berend Mets, MB, ChB, PhD
Jackie Lamendola, RN, BS

Clinical Improvement Committees:

Blood Usage Committee
Kane High, MD

Children’s Hospital Quality & Safety
Priti Dalal, MD, FRCA
Uma Parekh, MBBS
Chairman’s Corner, cont.

Institutional Quality Leaders
Jansie Prozesky, MB, ChB
Jackie Lamendola, RN, BS

Children’s Hospital Pharmacy & Therapeutics Committee
Priti Dalal, MD, FRCA

Sedation Committee
Kane High, MD (Chair)
Jackie Lamendola, RN, BS
Berend Mets, MB, ChB, PhD

Palliative Care Committee
Julia Caldwell, MD

Surgical Care Improvement Project
Jackie Lamendola, RN, BS
Thomas Verbeek, MB, ChB

Quality Care Review Committee
Patrick McQuillan, MD, FAAP
Jackie Lamendola, RN, BS

Surgical Case Review
Patrick McQuillan, MD, FAAP

Finally, we thank and recognize the retirement of two longstanding members of the department: Dr. Joan Ruffle who served the department for 34 years and Susan Landis, CRNA, who served the department for 26 years (both pictured in these pages, sitting in the chair donated by our faculty). We thank them both for their dedicated service and collegiality in our department over the years they spent with us. We will miss them.

It remains for me to thank our Faculty, Residents, CRNA’s and Administrative, Clinical Improvement and Research Staff for all they do for the department and our patients.

Berend Mets

Recent Promotions

Arne Budde, MD
Associate Professor

Jill Eckert, DO
Associate Professor
Vice Chair, Residency & Education

Vitaly Gordin, MD
Professor
As our future supply of allogeneic blood transfusions is not secure, we have to search for alternatives. Autologous blood conservation (ABC) measures, i.e. techniques to retransfuse a patient’s own blood, have emerged more than 25 years ago. ABC measures include acute normovolemic hemodilution (ANH), intraoperative blood salvage (IBS) and preoperative blood donation (PBD). Meta-analyses have indicated a significant potential for ABC measures to reduce the need for allogeneic blood transfusions. The quality of currently available studies, however, prohibits definite conclusions. Thus, we used a clinically validated mathematical model to better compare ANH, IBS and PBD. We retrieved clinical data from published ABC studies. We then calculated maximal allowable blood loss (efficacy) and increase in red blood cell (RBC) mass (effectiveness) to compare the three techniques. We identified 21 clinical studies, including 3926 patients, as suitable for our model. Our model shows that IBS with high recovery rates, i.e. high rates ($\geq$50%) of viable red blood cells (RBC) after washing, is the most efficacious and effective ABC measure. PBD will reveal nearly similar efficacy and effectiveness, only if sufficient time for RBC regeneration, i.e. time between donation and surgery, has passed, and if the RBC equivalent of $\geq$4 PAD units was collected. Our model further demonstrates that ANH and IBS with low recovery rates are not relevant alternatives. IBS is the most efficacious and effective ABC measure. PBD is only of relevance under certain circumstances. ANH does not seem to play a meaningful role in ABC.

**Faculty Publication Spotlight**

“Ranking the effectiveness of autologous blood conservation measures through validated modeling of independent clinical data”

Kai Singbartl, MD, MPH
Associate Professor

Regional Anesthesia and Acute Pain Medicine (RAAPM) Division Summary

Sanjib Adhikary, MD, MBBS
Associate Professor & Director, RAAPM

The division modified its name this past year to Regional Anesthesia and Acute Pain Medicine (RAAPM) in order to emphasize the approach to patient care in which the focus is not only on block procedures but also management of pain during the entire peri-operative period. There has been an increase in leadership roles and a requirement of direct involvement of the RAAPM team with a number of other divisions within our department as well as other departments of the institution to implement improved peri-operative pain management strategies. The RAAPM team has been subdivided; the Core RAAPM team includes six faculty as the primary block team and an orthopedics team which includes a number of faculty interested in regional anesthesia. There is also a small subset of faculty delineated to do pediatric pain management. The division work has been divided into four subgroups; Clinical, Research, Education and Quality Improvement (QI). The clinical subgroup workflow is generally handled by Dr. Adhikary and Dr. McQuillan, with feedback from Susan Riemonty, RN and other primary block group faculty. The other subgroups are led by Dr. Barbieri for education, Dr. Caldwell for research and Dr. Verbeek for QI.

Over the last 3 years, the RAAPM division has been working to achieve improved pain management for patients during the peri-operative period. Collaborative efforts with multidisciplinary services include Pharmacy, Surgery, Physiotherapy, Psychiatry, and Rehabilitative Medicine. Complementary and alternative therapies are also ongoing.

Beginning with the consent process in the Anesthesia Clinic, patients receive information about newly available peri-operative pain management options, leading to an increased number of spinal anesthetics for lower limb orthopedic surgeries. Continuous peripheral nerve block catheters with autofuser pumps for discharge to home are often placed for many patients with the intention of decreasing length of stay in the hospital. Exparel, a new long-acting liposomal bupivacaine, has also been introduced as an alternate medication for use in TAP blocks and wound infiltration. RAAPM is currently participating in a multi-center trial with the makers of Exparel, PACIRA Pharmaceuticals. In an effort to improve the quality of care of patients getting regional anesthesia procedures, customized single injection and catheter kits have been developed. By the end of 2013, these kits will be used to standardize procedures within the RAAPM team.

The Regional Anesthesia and Acute Pain Medicine Division has grown significantly over the last ten years, and we are actively...
involved in every aspect of our resident education. On any given day, the RAAPM team consists of the attending anesthesiologist, a CA-3 resident, an intern, and our clinical nurse, Susan Riemondy, RN. The vast majority of our educational mission occurs in the resident's clinical experiences by performing neuraxial and regional nerve blocks under ultrasound guidance, in addition to the intraoperative and postoperative management of pain for patients. We augment the clinical curriculum with daily didactic series given by the clinical faculty. These lectures rotate on a 4-week cycle to ensure that all residents receive the same education. We also have eight lectures in the CA-3 core lecture curriculum, Acute Pain Management Block, dedicated to neuraxial regional nerve blocks, pharmacology and a simulation session highlighting ultrasound skills on phantom models. Our department offers a cadaver course to interested residents and faculty on basic anatomy and its impact on neuraxial techniques. This workshop is for current residents, faculty and any clinical anesthesiologists in the community interested in increasing their regional skills. Renowned regional faculty from academic centers around the country are invited to share advances in regional anesthesia, moderate ultrasound identification skills along with cadaver dissections to illustrate nerve locations. This is a well-attended workshop for all interested.

Lastly, the RAAPM division has a new initiative to compile a regional handbook for Penn State Hershey resident education highlighting daily regional responsibilities, pharmacology, regional techniques, pediatric regional anesthesia, and acute and chronic pain management with the hope to potentially publish in the future.

The regional anesthesia process in the Same Day Admissions Unit underwent a major overhaul this year. The main impetus behind this was a wrong site peripheral nerve block occurrence in April, 2013. The root cause was identified as a time out process that did not adequately address patient safety or meet regulatory requirements for universal protocol. Dr. Patrick McQuillan and Sherry Kwater led a team consisting of Dr. Sanjib Adhikary, Dr. Thomas Verbeek, Jackie Lamendola, RN, Christine Gelnett, RN, Heather Brooks, RN and Susan Riemondy, RN overseeing the changes. The new Regional Anesthesia Procedural Safety Checklist was piloted in July and went live on September 23, 2013. Significant process improvement included the “Block team” staying together for the entire procedure, with the nurse administering sedation. These improvements are based on patient safety best practice, emphasizing the need for regional anesthesia to be afforded the same level of respect and resources as other medical interventions.

The new process is working well, having been received favorably by nurses and physicians. The RAAPM/SDAU Team continues to meet regularly, as some challenges remain.

The RAAPM faculty is busy both clinically and on the research front. Multiple faculty members in our division are working on a diverse and intriguing number of projects. Here is a brief summary of the current acute pain research projects in motion in alphabetical order:

- Dr. Adhikary is working on a study to determine the feasibility of a new training model for US-guided regional anesthesia. He is also studying the ideal anatomic location for saphenous blocks as well as prospectively comparing local anesthetics with and without adjuvants for peripheral nerve blocks. Additionally, he is evaluating the safety, efficacy and pharmacokinetics of femoral nerve block with liposome bupivacaine and studying the effects of femoral versus saphenous nerve block on knee extensor strength post ACL reconstruction. Dr. Adhikary is also determining the influence of culture on pre-op/post-op expectations of pain as well as participating in a multi-center open label trial to evaluate the safety and efficacy of shortened infusion time of intravenous ibuprofen. Furthermore, he is evaluating the feasibility of TAP block as a primary anesthetic with Dr. Vuong.

- Dr. Anson is determining the influence of anesthesia technique on pain scores post total hip arthroplasty and studying the prevention of the obturator nerve reflex with a comparison of techniques and completing a study entitled, “Anesthesia providers – are we hurting ourselves?”

- Dr. Asimolowo is retrospectively reviewing morphine and hydromorphone intraoperative use.

- Dr. Budde is researching the pain status of post-operative craniotomy patients.

- Dr. Caldwell is determining the effect on opioids on quality of life and determination of effect of demographic factors and genomics on long-term opioid use with Dr. Gordin and misuse as well as analyzing the status and treatment of rib fractures. She is also investigating nociception levels in synovial fluid and blood in patients receiving total knee arthroplasty with Dr. Verbeek. Dr. Caldwell is also determining nociception levels in synovial fluid and blood in patients receiving knee arthroscopy without history of chronic pain with Dr. Verbeek. She is reviewing the use of narcan and flumazenil perioperatively and its effects on pain levels with Dr. Bezinover. In addition, she is retrospectively reviewing pain levels postoperatively of liver resection and Whipple patients with Dr. Bezinover.

- Dr. Dalal is assessing pain in acute post-operative infants.

- Dr. Giampetro is determining the effectiveness of ultrasound-guided superficial peripheral nerve blocks in chronic pain patients and surveying the regional anesthesia training in U.S. and Canadian Anesthesiology residency programs.

- Dr. Pilipovic is studying needle visualization software in regional ultrasound-guided anesthesia.

- Dr. Vaida is determining the post-operative Cesarean section pain.
Please Welcome Our New Faculty

Dr. Tiffany Bartsch re-joins the faculty of the Department of Anesthesiology as an Assistant Professor, practicing in pediatric anesthesia. Dr. Bartsch completed her residency at Loma Linda University School of Medicine in 2006. She then completed a fellowship in Pediatrics at Penn State Milton S. Hershey Medical Center last year.

Dr. Kristin Brennan joins the faculty of the Department of Anesthesiology as an Instructor, practicing general anesthesia. Dr. Brennan completed her Anesthesia Residency at the Hospital of the University of Pennsylvania. She also earned her medical degree at University of Pennsylvania.

Dr. Renee Doll joins the faculty of the Department of Anesthesiology as an Assistant Professor, practicing general anesthesia. Dr. Doll completed her Anesthesia Residency and Internship at Albany Medical Center. She earned her medical degree at Tulane School of Medicine, New Orleans, LA.

Dr. Kelly Gidusko joins the Department of Anesthesiology as an Assistant Professor of general anesthesia. Dr. Gidusko earned her medical degree at Temple University School of Medicine. She also earned her medical degree at University of Pennsylvania.

Dr. Robyn Iglehart joins the Department of Anesthesiology as an Assistant Professor, specializing in general and pediatric anesthesia. Dr. Iglehart completed her Anesthesia Residency at St. Elizabeth’s Medical Center in Boston, MA, then completed a Fellowship in Pediatric Anesthesiology at the Children’s National Medical Center in Washington, DC. She earned her medical degree at the University of Cincinnati College of Medicine. Dr. Iglehart served the last three years at Upstate Medical University in Syracuse, NY.

Dr. John Narron, III joins the Department of Anesthesiology as a Clinical Instructor of general anesthesia. Dr. Narron earned his medical degree at The Brody School of Medicine. He completed his Anesthesia Residency at Penn State Milton S. Hershey Medical Center.

Dr. Cathy Paige joins the Department of Anesthesiology as an Assistant Professor, practicing alternate site anesthesia and general anesthesia. Dr. Paige earned her medical degree at Dartmouth Medical School and completed her residency at Thomas Jefferson University Hospital in Philadelphia.

Dr. Young-Ok (Jade) Park joins the faculty of the Department of Anesthesiology as an Assistant Professor, practicing pediatric and general anesthesia. Dr. Park earned her medical degree at Yeungnam University School of Medicine, Daegu, South Korea. She completed her Anesthesia Residency as well as Adult Critical Care and Pediatric Anesthesia Fellowships at Washington University School of Medicine, St. Louis, MO.
Please Welcome Our New Faculty

Dr. John Swick joins the faculty of the Department of Anesthesiology as an Assistant Professor, practicing in neuro and general anesthesia. Dr. Swick completed his residency at Penn State Milton S. Hershey Medical Center. He earned his medical degree at Virginia Commonwealth University.

Dr. Julie Vuong joins the faculty as an Instructor, practicing general anesthesia. Dr. Vuong completed her Anesthesia Residency at the Penn State Milton S. Hershey Medical Center. She earned her medical degree at the Jefferson Medical College of Thomas Jefferson University.

Please Welcome Our New CRNAs

Jennifer King-Wilson, CRNA
Jacqueline Smith, CRNA
Nicholas Lambros, CRNA
Jodi Michel, CRNA
Gregory Yandrick, CRNA
H. Samuel Yingst, CRNA
Anita Zimmerman, CRNA

Susan Landis, CRNA - Retirement

On January 3rd the Department said goodbye and wished well Susan Landis CRNA as she began her retirement. Sue has worked a total of 25 years at Penn State Hershey Anesthesia and will be greatly missed.

Sue received her nursing degree in 1972 from Millard Fillmore School of Nursing in Buffalo NY. She continued her training and obtained her CRNA degree in 1982 from Harrisburg Area School of Anesthesia. Her first anesthesia position as a full time nurse anesthetist was at Polyclinic Medical Center where she practiced until 1985. She states that one of her most interesting jobs was as a primary CRNA at the Children’s Rehabilitation Hospital in Elizabethtown from 1985-1990. There was one operating room that was open three days a week. She did all the ordering of supplies as well as billing. Sue anesthetized many children for Harrington Rods in the time before neuromonitoring, and she estimates that she woke up about 100 patients on the table to confirm that they were able to move their feet before putting them asleep for surgical wound closure.

(continued on pg. 11)
Please Welcome our New Fellows for 2013 - 2014

**Pediatric Fellowship**
- Melissa Coleman, MD

**Cardiothoracic Fellowship**
- Erina Ng, MD

**Critical Care Fellowship**
- John Tashman MD

**Chronic Pain Fellowship**
- Ali Nairizi, MD
- Malgorzata Sidor, MD
- David Stolzenberg, DO

Please Welcome our New Residents

- Babatunde Afilaka, MD
- Chase Altom, MD
- Kyle Barden, MD
- Matthew Bell, MD
- Ashley Decker, MD
- Jacob Gillikin, MD
- Keith Gray, MD
- Benjamin Havens, MD
- Venkataraman Iyer, MD
- Christian Lauver, MD
- Natalia Martinez Acero, MD
- Andrew McFadden, DO
- Mobalaji Olurinde, MD, PhD
- Taryn Reichard, MD
- Natalya Rick, DO
- Brandon Rein, DO
- Jason Schultz, MD
- Pradeep Singanallur, MD
- Neha Soares, MD
- Ying Xu, MD
American Society of Anesthesiologists Annual Meeting

Congratulations to all of our Residents and Faculty who participated in the ASA Meeting in San Francisco.

**Medically Challenging Cases**

Shayne Roberts DO and Wilson Po MD *Anesthetic Challenges in the Obstetric Patient in Sickle Cell Crisis*

Elviira Corsi DO, Subramanian Sathishkumar MB BS, Patrick McQuillan MD, Sonia Vaida MD, Dmitri Beziover MD PhD *Long-term Pentobarbital Coma in Treatment of Posterior Reversible Encephalopathy Syndrome Post Liver Transplant*

Bryan Currie DO and Sanjib Adhikary MD *An Iatrogenic Airway Obstruction in a Former IV Drug User*

Melissa Coleman MD, Sanjib Adhikary MD and Uma Parekh MB BS *Emergent Surgery in a Child with Diabetic Ketoacidosis*

Keith Reid MD, Patrick McQuillan MD and Dmitri Beziover MD PhD *Patient With Refractory Portopulmonary Hypertension for Liver Transplant*

Alexandria Nickless DO and Lisa Sinz MD *Management of Anticoagulation and Vascular Access for Cardiovascular Surgery in a Patient with Heparin-induced Thrombocytopenia*

Bunty Shah MD and Priti Dalal MD *Anesthetic Challenges in a Patient with Methyl Malonic Acidemia*

Jason Conway MD, Priti Dalal MD, Phat Trinh DO, and Sonia Vaida MD *Epidural Blood Patch for Postdural Puncture Headache in a Pediatric Patient with Idiopathic Intracranial Hypertension and a Ventriculoperitoneal Shunt*

**Poster Presentations**

Tiffany Bartsch MD, Uma Parekh MB BS, Priti Dalal MD, and Patrick McQuillan MD *Audit of Intraoperative Blood Glucose in Neonates and Infants*

Sonia Vaida MD, Elizabeth Sinz MD, and Priti Dalal MD *Estimated Blood Loss During Cesarean Section- A Simulation Scenario*

Sarah Nie MD, Jansie Prozesky MB ChB, and Sonia Vaida MD *Perioperative Dental and Oral Injuries: A Retrospective Analysis of Documented Injuries at Penn State Hershey Medical Center*

**Workshops**

Sonia Vaida MD *Difficult Airway Workshop and Simulation*

**Panel Discussions**

Lisa Sinz MD *Best Practices, Opportunities, and Blind Alleys; How Three Programs are Preparing and Planning for Change; Anesthetic Management of Electroconvulsive Therapy*

Berend Mets MB, ChB, PhD, FRCA *Mission and Scope of the WFSA*
Congratulations Graduates!

Andaleeb Ahmed, MBBS
Private Practice, Sheridan Anesthesia
Peninsula Regional Medical Center
Salisbury, MD

Melissa Coleman, MD
Fellow, Pediatric Anesthesia
Penn State Hershey
Hershey, PA

Hillenn Cruz Eng, MD
Fellow, Regional Anesthesia
University of Toronto
Toronto, Canada

Michael Fortunato, MD
Private Practice
Anesthesia Consultants, Inc
Las Vegas, NV

Sprague Hazard, III, MD
Fellowship, Critical Care Medicine
The Johns Hopkins Medical Institutions
Baltimore, MD

Ravish Kapoor, MD
Private Practice
NorthStar Anesthesia, PA
Lubbock, TX

John Narron, III, MD
Clinical Instructor, Anesthesiology
Penn State Hershey
Hershey, PA

Erik Nielson, MD
Private Practice
Pinnacle Health Associates
Harrisburg, PA

David Owen, DO
Private Practice
Millcreek Anesthesia
Salt Lake City, UT

Amit Prasad, MD
Private Practice
Anesthesia Specialists of Bethlehem
St. Luke’s University Hospital
Bethlehem, PA

Cameron Richards, MD
Private Practice
King’s Daughters Medical Center
Ashland, KY

Stephen Sardino, MD
Private Practice
Easton Hospital
Easton, PA

Malgorzata Sidor, MD
Fellowship, Pain Medicine
Penn State Hershey
Hershey, PA

Matthew Suchy, DO
Private Practice
Morris Anesthesia Group
Denville, NJ

Phat Trinh, DO
Fellowship, Cardiac Anesthesia
UMDNJ Robert Wood Johnson Hospital
New Brunswick, NJ

Julie Vuong, MD
Clinical Instructor, Anesthesiology
Penn State Hershey
Hershey, PA

Lauren Welsh, MD
Fellow, Pediatric Anesthesia
Boston Children’s Hospital
Boston, MA

Thomas Willis, MD
Private Practice
Gulf Shore Anesthesia Associates, PA
Corpus Christi, TX

Graduating Fellows:

Michal Glinianski, MD
Private Practice
National Spine & Pain Center
Hagerstown, MD

Prabhakar Reddy Gundappu Reddy, MD
Private Practice
Premier Spine & Pain Management
Easton, PA

Edward Shen, MD
Private Practice
Center for Pain Management
Hackensack, NJ

Saravanan Ramamoorthy, MD
Private Practice
Einstein Healthcare Network
Albert Einstein Medical Center
Philadelphia, PA
Dr. Ruffle’s Retirement

On June 27th the Department of Anesthesia held a reception in the Julien F. Biebuyck Faculty and Alumni Library to commemorate and thank Dr. Joan Ruffle for her many years of service.

Dr. Ruffle has been a member of the Penn State Anesthesiology Department since 1979, when she joined as one of Dr. Biebuyck’s early recruits as chairman. Dr. Ruffle completed medical school at Penn State University College of Medicine and was a member of the graduating class of 1973. She began her medical career in Surgery, but then decided to go into Anesthesia and completed her resident training at Hartford Hospital in 1979.

Dr. Ruffle has had a significant career in Anesthesiology focused primarily on pediatric anesthesia. In addition to her clinical work, she filled multiple roles in the department and institution including serving as Chair of the Support Committee, and Chair of the Resident Graduation Dinner Committee for 32 years. She was also on the Pharmacy and Therapeutics Committee for 25 years, as well as Vice Chair of this committee for 7 years. In 2006 Dr. Ruffle began to focus her clinical practice at the Hershey Outpatient Surgical Center.

Dr. Ruffle’s outstanding legacy will be her dedication to the teaching of our residents over the last 34 years. There are many alumni of the Penn State Anesthesia Residency program who have memories of working with Dr. Ruffle and to this day, have a few anesthesia pearls that will forever be engrained from her teaching. Congratulations Dr. Ruffle on your many years of service and dedication to the Department of Anesthesia. We wish you well!

Sue Landis’ Retirement – (cont. from page 7)

Prior to starting at Hershey, Sue was very involved with The Harrisburg School of Anesthesia, serving as the clinical Coordinator of the Anesthesia students at her institution as well as on the Advisory Board of the School.

Susan joined the Hershey Medical Center Anesthesia Department part time in 1985. She has been a member of the department since except for a short break. Between 2000-2003 she left to start a brand new orthopedic surgery center where she was the chief CRNA.

Throughout her tenure at HMC she had a special interest in Pediatric Anesthesia and provided clinical teaching to many students. She has been an active contributor to Penn State Wild Onions where she has had several photos published (including a first place winner and the back cover). She also has had essays published in a few newspapers as well as a little known magazine, a letter in Business Week, and a second place winning Nurse’s Narrative Essay.

The Department thanks her for her many years of service and wishes her much happiness in her retirement.
Save the Date!

Penn State Milton S. Hershey Medical Center
4th Annual Fundamentals of Ultrasound
Regional Anesthesia Cadaver Course
May 17 - 18, 2014
Julien F. Biebuyck Faculty and Alumni Library
Room C2860
Biomedical Research Building

Purpose of Workshop:

1. Review the anatomy of the peripheral nerves, ergonomics, and physics with reference to use of ultrasound.

2. Establish clinical skills and attitudes appropriate for basic ultrasound-guided peripheral nerve blocks.

3. Acquire hands-on experience with cadavers/phantoms and volunteers in laboratory settings.

For more details, check our website:
www.pennstatehershey.org/anesthesia