

GatorWorks

Anesthesiology Alumni Newsletter

Fall 2014

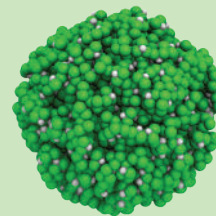


Inside:
MOCA CERTIFICATION page 2

Our mission is to provide an environment that develops great physician leaders through education, research, innovation and the care of our patients and each other.

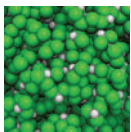
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Do you know what kind of molecule this is?

The first person to email Corey at RAstrom@anest.ufl.edu wins a prize!



MESSAGE FROM THE INTERIM CHAIR



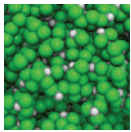
Greetings from the Department of Anesthesiology. As the department's Interim Chair, I have had the opportunity to review the tremendous work achieved by the faculty in the previous academic year, and I am proud to say that they continue to produce stunning results. Perhaps our greatest achievement is our 22 newly graduated anesthesiologists from residency as well as 17 additional ones finishing fellowships in critical care medicine, acute perioperative pain medicine, chronic pain, and cardiovascular anesthesiology. These 39 physicians represent a continued and enduring contribution to anesthesiology for the next 30 to 40 years. These same graduates will go through a life-long learning process termed "maintenance of certification in anesthesia" (MOCA) to maintain their hard-earned board certifications. Our department is thrilled to have achieved ASA-endorsed status certification to assist time-limited ABA Diplomates in completing their required components to maintain active certification. In fact, these simulations are already underway and available sessions are quickly filling. This endorsement builds on the vision of Joachim S. Gravenstein, MD, a tireless pioneer and promoter of simulation in healthcare. In research, we continue to build year-over-year growth toward discovery and innovation. This year, the faculty produced 51 peer-reviewed publications with \$1,957,085.98 of external research funding. This upward climb has led us to "Blue Ridge" NIH rankings of #27 in a field of over 100 academic anesthesiology programs. Clinically, we passed the million ASA unit mark for the last academic year while anesthetizing over 40,000 patients with a "top 10" case mix index among academic medical centers.

(continued on next page)

MESSAGE FROM THE INTERIM CHAIR *(continued)*

Finally, in faculty matters, an active external search is currently underway to identify and appoint a chair to lead the department following on this year's successes. I hope that you can find time in your busy schedules to read this newsletter and learn more about our department.

– Timothy E. Morey, MD



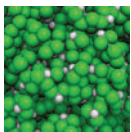
FEATURED

MOCA Certification for CSSALT

The Department of Anesthesiology would like to congratulate the team members of our simulation center, the University of Florida Center for Safety, Simulation & Advanced Learning Technologies (CSSALT), located in Gainesville, FL, which is now endorsed to deliver Maintenance of Certification in Anesthesiology (MOCA®) simulation sessions. This 1-day course satisfies a requirement of the MOCA® program that encourages life-long learning. The American Board of Anesthesiology (ABA) recognizes simulation training as an innovative, experiential, and contextual learning opportunity to assess and improve practice in areas such as crisis management at an ASA-endorsed simulation center. Completion of our simulation course satisfies the Practice Performance Assessment and Improvement component in Part IV of the ABA's MOCA® program.

The effort and expertise to obtain this endorsement was enormous. The center is one of only two centers in the southeast United States encompassing Florida, Georgia, Alabama, Mississippi, Louisiana, and Arkansas. **Kudos to the core team who pushed the project to success: Sem Lampotang, Nik Gravenstein, Drew Gonsalves, Dave Lizdas, and Iris Gassaway.**

For inquiries about the date, time, and location of the next MOCA simulation session, please visit simulation.health.ufl.edu/CSSALT/index.php, email MOCA@anest.ufl.edu, or call 352.273.6782 or 352.273.6779.



EDUCATION

Gulf Atlantic Residents' Research Conference

In April of this year, the 40th annual Gulf Atlantic Residents' Research Conference (GAARRC) took place in Jacksonville, FL, and was hosted by Mayo Clinic. For those not familiar, GAARRC is an annual professional meeting for anesthesia residents in the Southeastern United States. Its purpose is to provide a safe, low-stress environment in which anesthesia residents can learn to present academic subject matter in front of their peers.

Topics can be chosen within three categories: original research, case reports, and literature review. The presentations are generally done in PowerPoint with an expected length of about 10 minutes and an additional 2-minute Q&A at the end. Faculty members from each participating institution are present for judging each of the presentations. The top three presentations in each category are given awards. One new twist that was started last year is that, in partnership with the International Anesthesia Research Society (IARS), the residents with the top

two overall presentations are then able to present their topics at the IARS later that year, all expenses paid.

This year, we had 10 excellent presentations from our residents, who worked very hard on them. These residents were: **Ajay Antony, MD; Meghan Brennan, MD, MS; Ashley L. Screws, MD; Justin Bremer, MD; Richard N. Fair, MD; Jennifer Mallek, MD; Timothy Replogle, MD; Anastacia Munro, MD; Clifford A. Cutchins, MD; and Cameron R. Smith, MD.** We are proud to announce that **Meghan Brennan** was selected as second overall and went on to present her original research material in Montreal, Canada, at IARS. This achievement is most impressive by virtue of the fact that Meghan was only an intern this year. **Congratulations Meghan!**

Faculty advisors for GAARRC this year included **Sean Kiley, Sonya Mehta, Brit Smith, Chris Giordano, and Alley Haller. Dr. Haller**, who has been a GAARRC faculty advisor for a number of years, will be heading the charge next year as we hope to make a strong showing in beautiful Puerto Rico for the 41st annual GAARRC!

Let's Welcome Our New Residents!

It's that time of year again...our halls are filling up with the new faces of incoming interns and residents. As we strive to fulfill one of our important missions, that of education, we seek out the best and brightest to come to UF and become part of the Gator Nation to learn from our great clinicians and faculty. Please welcome them to our community and take some time to get to know them. As a starting point, here is some background information:

PGY1/Interns

Pavel Balduyeu, MD – Mogilev, Belarus
Belarussian State Medical University

Carl Berasi IV, MD – Columbus, OH
Duke University School of Medicine

Danielle Cobb, MD – Orlando, FL
University of Florida College of Medicine

Nikolaus L. Gravenstein, MD – Gainesville, FL
University of Florida College of Medicine

Mark Hotchkiss, DO – Panama City, FL
Nova SE University College of Osteopathy

Yu ning Margaret Hsu, MBCB – Taipei, Taiwan
Royal College of Surgeons-Ireland School of Medicine

Spencer Hyde, DO – Bountiful, UT
Des Moines University College of Osteopathic Medicine

Jordan Miller, MD – Daytona Beach, FL
USF Health Morsani College of Medicine

Linda Moleon, MD – Miami, FL
Howard University College of Medicine

Teresa Ojode, MD – Nairobi, Kenya
University of Michigan Medical School

Mohamed Osman, MD – Zulfi, Saudi Arabia
University of Missouri-Kansas City School of Medicine

Andrew Redfern, DO – Jacksonville, FL
Nova SE University College of Osteopathy

Richard Sims, MD – Marianna, FL
Florida State University College of Medicine

Gevalin Srisooksai, MD – Thailand, Thailand
University of Florida College of Medicine

EDUCATION *(continued)*

PGY2/Residents

Rishi Agarwal, MD – Yorba Linda, CA
University of CA/San Diego School of Medicine

Rachel Cavanaugh, MD – Houston, TX
University of Texas Medical School at Houston

Eric Chanowski, MD – Ypsilanti, MI
University of Michigan

Kenechi Ebede, MD – Boston, MA
Perelman School of Medicine at University of Pennsylvania

Angela Fugate, MD – Michigan City, IN
Indiana University School of Medicine

Zachary Greene, MD – Pensacola, FL
University of Florida College of Medicine

Michael Kaminsky, DO – Cincinnati, OH
Philadelphia College of Osteopathy

Shazia Mohammad, MD – Miami, FL
University of Florida College of Medicine

Wasef Muzaffar, MD – Ft. Worth, TX
University of Alabama School of Medicine

Daniel Pietras, MD – Manhasset, NY
University of Cincinnati College of Medicine

Meredith Whitacre, MD – Raleigh, NC
Brody School of Medicine at East Carolina University



Photo by Steven Robicsek, MD, PhD

– Class of 2014 –
UNIVERSITY OF FLORIDA
DEPARTMENT OF ANESTHESIOLOGY

Ryan Anolick, MD
Cardiovascular Fellowship, The Texas
Heart Institute, Houston, TX

Erick Baker, MD
Fellowship in Acute and
Perioperative Pain Medicine, UF

Jennifer Chang, MD
Catherine Coleman, MD

Emily Davoodi, MD
Fred Cole Dooley, MD
Pediatric Anesthesiology
Fellowship, Arkansas
Children's Hospital

Jason Drennan, MD
Ryan Ensminger, DO
Valley Anesthesiology
Consultants, Phoenix

Ryan Goldsmith, MD
Regional Perioperative
Pain Fellowship, UF

Abbey Guillory-Herman, MD
OPS faculty (until her husband
finishes RAD Onc Residency)

Jonathan Hadaway, MD
Cardiothoracic Anesthesiology
Fellowship, UF

Jay Hammerling, MD
University of Michigan
Critical Care Fellowship

Daniel Hernandez Barajas, MD
Cardiothoracic Anesthesiology
Fellowship, UF

Tomas Kucera, MD
Fellowship Pain Medicine, NYU
School of Medicine

Morgan Mathie, DO
Valley Anesthesiology
Consultants, Phoenix

Anastacia Munro, MD
Regional Perioperative
Pain Fellowship, UF

Amy Murphy, DO
St. Michael's Hospital,
Stevens Point, WI

Renee Myers, MD
Fellowship in Chronic
Pain Medicine, UF

Timothy Replogle, MD
Pain Medicine Fellowship,
Duke University

Tracy Sisk, DO
Cardiothoracic Fellowship,
Rochester University

Stephen Vose, MD
Acute and Preoperative Pain
Medicine Fellowship, UF

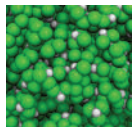
Matthew Waldron, MD
Cardiothoracic Fellowship
Northwestern Univ., Chicago

Daniel Wiest, MD
Community Anesthesia Providers,
Fresno, CA

Yury Zasimovich, MD
Acute and Preoperative
Pain Medicine Fellowship, UF

Congratulations to Our Graduates!

This year, we celebrated the hard work and excellence of an exceptional class with a beautiful commencement ceremony on Saturday, June 7th, 2014. Along with family and friends, the Department of Anesthesiology came together to send off our graduating residents with all the pomp and circumstance they deserved. In the spirit of growing the Gator Nation and keeping in touch, here is a list of where you can find everyone going forward:



ANNOUNCEMENTS



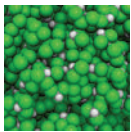
The Florida Society of Anesthesiologists requests the pleasure of your company at The FSA Florida Reception to be held at

The ANESTHESIOLOGY™ 2014 Annual Meeting

7:00 to 8:30 p.m. | Sunday, October 12, 2014

New Levee Room | New Orleans Downtown Marriott at the Convention Center | 859 Convention Center Blvd.

*Please also join your UF colleagues at 6:30 p.m. in the same location for a brief
Anesthesiology Alumni Association of Florida, Inc. business meeting.*



RESEARCH

Our Fantastic Research Office: What We Can Do for You!

The Department of Anesthesiology's Office of Research is here to assist trainees and faculty with the development of research grants pre- and post-award, research project design, coordinate the IRB process, to help with grant editing, and to provide statistical assistance. We are also a research repository with our creation and maintenance of the Anesthesiology Data Vault. The Office of Research is comprised of Research Administrator Joyce Hudson, MBA; Clinical Research Nurse Coordinator Judith Wishin, BA; Senior Grant Specialist Dana Wolford, MS; IRB Grant Specialist Jessica Lee; Data Vault Coordinator Cynthia Lugo; and Biostatistician Terrie Vasilopoulos, PhD.

In this fiscal year, 2013-2014, our department has submitted 57 new grant proposals to various agencies (federal, state, foundation, industry, etc.). We received 15 new awards from various sponsors (NIH, Pfizer, Astute, St. Jude, I. Heermann Anesthesia Foundation, AHA, Veteran's Administration, Boston Scientific, Medtronic Inc., and the Foundation for Anesthesia Education and Research).

Department of Anesthesiology's 2014 Annual Celebration of Research Day

The Office of Research held its 4th Annual 2014 Celebration of Research Day event to highlight the Department of Anesthesiology's research accomplishments. Thirty-nine faculty presented abstracts and posters. Our invited speaker, Dr. Evan D. Kharasch, MD, PhD, Vice Chancellor for Research, Professor of Anesthesiology, Washington University in St. Louis, enlightened us about the long-term acting effects of methadone. He also judged the three oral presentations.

We thank everyone who took the time and put in the long hours of research, study, and creativity to research and present at this special event. We value research in our department and throughout the University of Florida and we honor our fantastic faculty researchers who are always on the cutting edge of new developments.

AWARDS

We would like to congratulate all of the department's award winners! Here is a list of who's who:

DEPARTMENT OF ANESTHESIOLOGY CELEBRATION OF RESEARCH:

The oral presentation recipient who received this year's "Jerome H. Modell, M.D. Research Award" and \$1,000 was awarded to **Jenna Leclerc (PI Sylvain Doré)**: *Haptoglobin Genotype Predicts Development of Cerebral Vasospasm and Functional Outcome Following Aneurysmal Subarachnoid Hemorrhage.*



Second place and \$500 was awarded to **Jared Tanner (PI Mark Rice)**: *Preliminary Study: Presence of Patent Foramen Ovale and Cerebral Emboli during Total Knee Arthroplasty in Older Adults.*

AWARDS (continued) DEPARTMENT OF ANESTHESIOLOGY CELEBRATION OF RESEARCH:

Third place and \$250 was awarded to **Ferenc Rabai (PI Steve Robicsek)**: *Contralateral and Third Ventricle compression are Early CT Signs Heralding Secondary Infarcts in Non-Penetrating Severe Traumatic Brain Injury.*

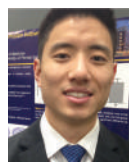


Fourth place and \$100 was awarded to **Jennifer Bunch (PI Robert Hurley)**: *Survey of Top Publishers in Academic Anesthesiologists in the United States.*

UF COLLEGE OF MEDICINE CELEBRATION OF RESEARCH

CTRND and Doré Research Team member **Chase Chambers**, Bioengineer undergrad student, was awarded 2nd place for his poster and presentation at the 2013 UF College of Medicine Celebration of Research Poster Presentation held at the O'Connell center on March 11, 2013. He has now graduated and been accepted to medical school.

LAWRENCE M. GOODMAN RESEARCH AWARD



Congratulations to **Peter Cai** (MD student) who received the Lawrence M. Goodman Research Award on the Cat G stroke study during the Annual Medical Student Research Day. This was the only award of the four awards given to a Basic Science Project.

SOUTHEASTERN CONFERENCE AWARD

Monique Mendes was awarded first place and \$500 for her oral presentation on the HI and CO project. She attended a Southeastern Conference and received great feedback from all the judges on the progress of the project.



GAARC



We are proud to announce that **Meghan Brennan** was selected as second overall winner at this year's GAARC and went on to present her original research material at IARS in Montreal, Canada. This achievement is most impressive since Meghan was an intern this year. *Congratulations, Meghan!*

The Department of Anesthesiology is a Publishing Powerhouse!

Thanks to the hard work and dedication of the faculty and staff of the Department of Anesthesiology, we, as a department, published 51 peer-reviewed publications in the past fiscal year. This is a fantastic amount of study design, research, grant proposal and processing, writing, and journal submission, and it shows a great collaborative effort among a talented group of faculty researchers, clinicians, administrators, and staff.

Peer-Reviewed Publications for the Fiscal Year 2013-2014

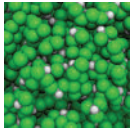
1. Cully DJ, Fahy BG, Xie Z, Lekowski R, Buetler S, Liu X, Cohen NH, Crosby G. Academic productivity of directors of ACGME-accredited residency programs in surgery and anesthesiology. *Anesth Analg.* 2014 Jan;118(1):200-5. doi: 10.1213/ANE.0b013e3182a8fab5. PubMed PMID: 24247229.

RESEARCH (continued)

2. Vanzant EL, **Lopez CM, Ozrazgat-Baslanti T**, Ungaro R, Davis R, Cuenca AG, Gentile LF, Nacionales DC, Cuenca AL, **Bihorac A**, Leeuwenburgh C, Lanz J, Baker HV, McKinley B, Moldawer LL, Moore FA, Efron PA. Persistent inflammation, immunosuppression, and catabolism syndrome after severe blunt trauma. *J Trauma Acute Care Surg*. 2014 Jan;76(1):21-30. doi: 10.1097/TA.0b013e3182ab1ab5. PubMed PMID: 24368353.
3. **Hurley RW**, Zhao K, **Tighe PJ**, Ko PS, Pronovost PJ, Wu CL. Examination of publications from academic anesthesiology faculty in the United States. *Anesth Analg*. 2014 Jan;118(1):192-9. doi: 10.1213/ANE.0b013e3182a91aa9. PubMed PMID: 24149582.
4. **Smith BK, Gabrielli A**, Davenport PW, Martin AD. Effect of training on inspiratory load compensation in weaned and unweaned mechanically ventilated ICU patients. *Respir Care*. 2014 Jan;59(1):22-31. doi: 10.4187/respcare.02053. Epub 2013 Jun 13. PubMed PMID: 23764858.
5. **Tighe PJ**, Harle CA, **Boezaart AP**, Aytug H, Fillingim R. Of rough starts and smooth finishes: correlations between post-anesthesia care unit and postoperative days 1-5 pain scores. *Pain Med*. 2013 Dec 5. doi: 10.1111/pme.12287. [Epub ahead of print] PubMed PMID: 24308744.
6. **Robinson AR III, Gravenstein N**, Cooper LA, **Lizdas D, Luria I, Lampotang S**. A mixed-reality part-task trainer for subclavian venous access. *Simul Healthc*. 2013 Dec 4. [Epub ahead of print] PubMed PMID: 24310163.
7. **Giordano C, Gravenstein N, Rice MJ**. Differentiating inspiratory and expiratory valve malfunctions. *Anesthesiology*. 2013 Aug;119(2):489. doi:10.1097/ALN.0b013e318299f3fd. PubMed PMID: 23880994.
8. **Leonardo CC, Agrawal M, Singh N, Moore JR**, Biswal S, **Doré S**. Oral administration of the flavanol (-)-epicatechin bolsters endogenous protection against focal ischemia through the Nrf2 cytoprotective pathway. *Eur J Neurosci*. 2013 Dec;38(11):3659-68. doi: 10.1111/ejn.12362. Epub 2013 Sep 23. PubMed PMID: 24112193.
9. **Caruso L, Urdaneta F**. Adequate confirmation of recovery from neuromuscular blockade: What are the obstacles? *Can J Anaesth*. 2013 Nov 8. [Epub ahead of print] PubMed PMID: 24203502.
10. **Vincent HK, Vincent KR**, Seay AN, Conrad BP, **Hurley RW**, George SZ. Back strength predicts walking improvement in obese, older adults with chronic low back pain. *PM R*. 2013 Nov 7. doi: 10.1016/j.pmrj.2013.11.002. [Epub ahead of print] PubMed PMID: 24211698.
11. **Remz M, Luria I, Gravenstein D, Rice SD, Morey TE, Gravenstein N, Rice MJ**. Prevention of airway fires: do not overlook the expired oxygen concentration. *Anesth Analg*. 2013 Nov;117(5):1172-6. doi: 10.1213/ANE.0b013e318298a692. PubMed PMID: 23835452.
12. **Singh N**, Ma B, **Leonardo CC, Ahmad AS**, Narumiya S, **Doré S**. Role of PGE₂ EP1 receptor in intracerebral hemorrhage-induced brain injury. *Neurotox Res*. 2013 Nov;24(4):549-59. doi: 10.1007/s12640-013-9410-7. Epub 2013 Jul 4. PubMed PMID: 23824501; PubMed Central PMCID: PMC3788039.
13. Martin JA, Perekh P, Kim Y, **Morey TE**, Sefah K, **Gravenstein N, Dennis DM**, Tan W. Selection of an aptamer antidote to the anticoagulant drug bivalirudin. *PLoS One*. 2013;8(3):e57341. doi: 10.1371/journal.pone.0057341. PubMed PMID: 23483901; PubMed Central PMCID: PMC3590194.
14. Nacionales DC, Gentile LF, Vanzant E, **Lopez MC**, Cuenca A, Cuenca AG, Ungaro R, Li Y, **Baslanti TO, Bihorac A**, Moore FA, Baker HV, Leeuwenburgh C, Moldawer LL, Efron PA. Aged mice are unable to mount an effective myeloid response to sepsis. *J Immunol*. 2013 Dec 13. [Epub ahead of print] PubMed PMID: 24337739.
15. **Conrado DJ**, Bewernitz M, Ding M, Cibula J, **Seubert C**, Sy SK, Eisenschek S, Derendorf H. Electroencephalogram effects of armodafinil: comparison with behavioral alertness. *J Clin Pharmacol*. 2013 Oct;53(10):1058-71. doi:10.1002/jcph.143. Epub 2013 Aug 1. PubMed PMID: 23913585
16. **Bihorac A**, Brennan M, **Ozrazgat-Baslanti T**, Bozorgmehri S, Efron PA, Moore FA, Segal MS, Hobson CE. National surgical quality improvement program underestimates the risk associated with mild and moderate postoperative acute kidney injury. *Crit Care Med*. 2013 Nov;41(11):2570-83. doi: 10.1097/CCM.0b013e31829860fc. PubMed PMID: 23928835; PubMed Central PMCID: PMC3812338.
17. White LE, Hassoun HT, **Bihorac A**, Moore LJ, Sailors RM, McKinley BA, Valdivia A, Moore FA. Acute kidney injury is surprisingly common and a powerful predictor of mortality in surgical sepsis. *J Trauma Acute Care Surg*. 2013 Sep;75(3):432-8. doi: 10.1097/TA.0b013e31829de6cd. PubMed PMID: 24089113; PubMed Central PMCID: PMC3823059.
18. **Luria I, Lampotang S, Schwab W**, Cooper LA, **Lizdas D, Gravenstein N**. Automated, real-time fresh gas flow recommendations alter isoflurane consumption during the maintenance phase of anesthesia in a simulator-based study. *Anesth Analg*. 2013 Nov;117(5):1139-47. doi: 10.1213/ANE.0b013e3182a08d90. PubMed PMID: 24108253.
19. Daniel Martin A, **Smith BK, Gabrielli A**. Mechanical ventilation, diaphragm weakness and weaning: a rehabilitation perspective. *Respir Physiol Neurobiol*. 2013 Nov 1;189(2):377-83. doi: 10.1016/j.resp.2013.05.012. PubMed PMID: 23692928; PubMed Central PMCID: PMC3808482.
20. **Kucera TJ, Boezaart AP**. Regional anesthesia does not consistently block ischemic pain: two further cases and a review of the literature. *Pain Med*. 2013 Sep 18. doi: 10.1111/pme.12235. [Epub ahead of print] PubMed PMID: 24102987.
21. **Glushakov AV, Robbins SW**, Bracy CL, Narumiya S, **Doré S**. Prostaglandin F_{2α} FP receptor antagonist improves outcomes after experimental traumatic brain injury. *J Neuroinflammation*. 2013 Oct 30;10(1):132. doi: 10.1186/1742-2094-10-132. PubMed PMID: 24172576.
22. **Banner MJ, Euliano NR**, Grooms D, Daniel Martin A, **Al-Rawas N, Gabrielli A**. Oxygenation advisor recommends appropriate positive end expiratory pressure and FIO₂ settings: retrospective validation study. *J Clin Monit Comput*. 2013 Oct 18. [Epub ahead of print] PubMed PMID: 24136193.
23. **Mohan S, Glushakov AV**, Decurnou A, Narumiya S, **Doré S**. Contribution of PGE₂ EP1 receptor in hemin-induced neurotoxicity. *Front Mol Neurosci*. 2013 Oct 7;6:31. doi: 10.3389/fnmol.2013.00031. PubMed PMID: 24109429; PubMed Central PMCID: PMC3791386.
24. **Rice MJ, Gravenstein N, Morey TE**. Noninvasive hemoglobin monitoring: how accurate is enough? *Anesth Analg*. 2013 Oct;117(4):902-7. doi: 10.1213/ANE.0b013e31829483fb. Review. PubMed PMID: 23842195.
25. Bova FJ, Rajon DA, Friedman WA, Murad GJ, Hoh DJ, Jacob RP, Lampotang S, **Lizdas DE**, Lombard G, Lister JR. Mixed-reality simulation for neurosurgical procedures. *Neuroexamination*. 2013 Oct;73 Suppl 1:138-45. doi: 10.1227/NEU.0000000000000113. PubMed PMID: 24051877.
26. **Kucera TJ, Boezaart AP**. Regional anesthesia does not consistently block ischemic pain: two further cases and a review of the literature. *Pain Med*. 2013 Sep 18. doi: 10.1111/pme.12235. [Epub ahead of print] PubMed PMID: 24102987.
27. **Hurley RW, Adams MC**, Benzon HT. Neuropathic pain: treatment guidelines and updates. *Curr Opin Anaesthesiol*. 2013 Aug 29. [Epub ahead of print] PubMed PMID: 23995060.
28. **Singh N, Agrawal M, Doré S**. Neuroprotective properties and mechanisms of resveratrol in vitro and in vivo experimental cerebral stroke models. *ACS Chem Neurosci*. 2013 Aug 21;4(8):1151-62. doi: 10.1021/cn400094w. PubMed PMID: 23758534; PubMed Central PMCID: PMC3750679.
29. **Seubert CN, Zhu W**, Pavlinec C, **Gravenstein N, Martynyuk AE**. Developmental effects of neonatal isoflurane and sevoflurane exposure in rats. *Anesthesiology*. 2013 Aug;119(2):358-64. doi: 10.1097/ALN.0b013e318291c04e. PubMed PMID: 23619170.
30. **Wending AL, Tighe PJ**, Conrad BP, Baslanti TO, Horodyski M, Rehtine GR. A comparison of 4 airway devices on cervical spine alignment in cadaver models of global ligamentous instability at c1-2. *Anesth Analg*. 2013 Jul;117(1):126-32. doi: 10.1213/ANE.0b013e318279b37a. PubMed PMID: 23354337.
31. **Boezaart AP, Munro AP, Tighe PJ**. Acute pain medicine in anesthesia. *F1000Prime Rep*. 2013 Dec 3;5:54. Review. PubMed PMID: 24381730.
32. **Peterson MJ, Gravenstein N**, Schwab WK, **van Oostrom JH, Caruso LJ**. Patient repositioning and pressure ulcer risk: monitoring interface pressures of at-risk patients. *J Rehabil Res Dev*. 2013 Jul;50(4): 477-88. PubMed PMID: 23934869.
33. van der Straten A, Cheng H, **Wasdo S**, Montgomery L, Smith-McCune K, **Booth M**, Gonzalez D, Derendorf H, **Morey TE, Dennis DM**. A novel breath test to directly measure use of vaginal gel and condoms. *AIDS Behav*. 2013 Jul;17(6): 2211-21. doi: 10.1007/s10461-012-0390-z. PubMed PMID: 23321948.
34. **Morey TE, Rice MJ, Vasilopoulos T, Dennis DM**, Melker RJ. Feasibility and accuracy of nasal alar pulse oximetry. *Br J Anaesth*. 2014 Jun;112(6): 1109-14. doi: 10.1093/bja/aeu095. Epub 2014 Apr 15.
35. **Holroyd JL, Paulus DA**, Rand KH, **Enneking FK, Morey TE, Rice MJ**. Universal intravenous access cleaning device fails to sterilize stopcocks. *Anesth Analg*. 2014 Feb;118(2): 333-43. doi: 10.1213/ANE.0000000000000059.
36. Rivosecchi RM, **Rice MJ**, Smithburger PL, Buckley MS, Coons JC, Kane-Gill SL. An evidence based systematic review of remifentanyl associated opioid-induced hyperalgesia. *Expert Opin Drug Saf*. 2014 May;13(5):587-603. doi: 10.1517/14740338.2014.902931. Epub 2014 Mar 26.
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RESEARCH (continued)

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CLINICAL

UF Health Shands board approves funding for new hospital

By: Melissa Blouin

The UF Health Shands board approved funding for the construction of a new specialty hospital that will house towers for neuromedicine and cardiovascular services. The new hospital will accommodate anticipated growth in these areas, plus accommodate continued growth in our main hospital, UF Health officials said today.

"We are grateful to the board for supporting this effort to expand our medical services for patients who entrust us with their care," said David S. Guzick, MD, PhD, senior vice president for health affairs at UF and president of UF Health. "The new hospital will establish the highest standard for heart, vascular and neurological care anywhere in the Southeast."

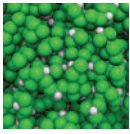
The plan for the new hospital is part of the long-term strategic plan for UF Health, "Forward Together." The addition of the hospital will address growing patient needs in two key medical fields. The building costs will amount to approximately \$415 million.

The new specialty hospital will be located on Archer Road just east of the UF Health Shands Cancer Hospital, and will feature 216 beds, including 120 ICU beds and 20 state-of-the-art operating rooms. There will also be a parking garage



with 600 spaces to accommodate patients and families. The neuromedicine and cardiovascular towers will provide care to patients with neurologic, neurosurgical, heart or vascular conditions.

Work on the site will begin in November. Construction will begin in early 2015, and will be completed in the fourth quarter of 2017. Officials anticipate the tower opening for patients in 2018.



PEOPLE IN THE NEWS

UF Anesthesiology Mourns the Loss of Brad Brian



Along with family and friends, the University of Florida Department of Anesthesiology said goodbye to a dear friend and colleague, **Brad Brian**, who was killed Wednesday, May 7, 2014, when a small plane he was co-piloting crashed in Utah's Santa Clara Reserve.

Brad left behind his wife, Camille, and four children, Kaitlyn, Landon, Cammi, and Connor.

He will be remembered as a great father, husband, friend, and doctor, as well as someone who cared about others. According to the family's statement *"Brad had dreamed of becoming a pilot his entire life and was finally making that dream become a reality. As a family, we will cherish the memories we have of our son, brother, husband and father. He will be dearly missed by his neighbors, his patients and colleagues at Dixie Regional Medical Center, and his family members and friends in Wayne County. We appreciate the outpouring of love and support of so many and find peace and comfort through faith."*

Brad is remembered fondly for his time at UF by many who worked with him. He was known for his professionalism as well as his upbeat manner, and always managed to cheer up those around him with his "goofy smile." Although his love of country music could be viewed from various angles, depending on who he was working with, no one denied that Brad defined the role of a team player. Over and over, his commitment to making sure all the work was done, that he helped out, that he dedicated himself to the team, came through loud and clear. All of this made him wonderful to work with.

Brad Brian was remembered in a memorial service Saturday, May 17, 2014 in Loa, Utah.

New Faculty Announcements



NICHOLAS ALGARRA

We would like to extend a warm welcome to **Dr. Nicholas Algarrá**, who joined us on Monday, July 21st as an Assistant Professor of Anesthesiology. Dr. Algarrá earned his BS at the University of Colorado and went on to earn a BA in Modern Languages

from Metropolitan State University, as well as a Master's from the University of Texas. Most of his medical education, including his MD and residency, was earned at the University of Kansas, but he completed his fellowship in neuroanesthesia at the University of Washington. He comes to us from the University of Kansas where he was an Assistant Professor of Anesthesiology. He has great enthusiasm for teaching and research, and his areas of interest include neuroprotection and long-term outcomes and effects of traumatic brain injury; transcranial Doppler monitoring and research; research curriculum for residents and students; and world health care. Dr. Algarrá was the recipient of the 2012 American Society of Anesthesiologists Research Award. Congratulations! Let's do our Gator best to welcome him to UF and to help him become part of our fantastic community!



MICHAEL ARNOLD

Please join us in welcoming **Dr. Michael Arnold** to the Department of Anesthesiology. Dr. Arnold joined us on Monday, August 25th as a Clinical Assistant Professor. Dr. Arnold did most of his training in Ohio where he earned his B.S. at the University of Cincinnati, his DO at the Ohio University College of Osteopathic Medicine, and he completed his internship at the Department of Internal Medicine at Good Samaritan Hospital, also in Cincinnati.

He completed his Residency and Fellowship in Anesthesia here at the University of Florida and left for the Boston Children's Hospital to complete a second Fellowship in Pediatric Cardiovascular Anesthesia. While at UF, he was Chief Resident in 2011-2012, and we are excited to have such an outstanding doctor back to serve the community of Gainesville. Help us welcome Dr. Arnold back to UF and the Gator Nation!



OLGA (KIKI) NIN

Please join us in welcoming **Dr. Olga (Kiki) Nin** to the Department of Anesthesiology. Dr. Nin joined us on September 1st as a Clinical Assistant Professor.

We all actually know Kiki very well, as she has been with us for quite a while, having joined us in 2009 for her Residency and staying on for her Fellowship in Anesthesiology. Dr. Nin earned her BS from Brown University and her MD from Thomas Jefferson Medical School before joining us here at UF. She has been an important part of our team in anesthesiology, having been named Chief Resident in 2012, and she received the Chairman's Award in 2013. She also has a strong commitment to community service, and traveled to Honduras in 2011 with the department's Lifebox project. We are happy to "officially" welcome Dr. Nin to UF and we invite you to congratulate her on her many accomplishments!



GJO ALEX

Please join us in welcoming **Dr. Gijo Alex** to the Department of Anesthesiology. Dr. Alex began on September 1st as a Clinical Assistant Professor. He began his education in Miami, receiving his BA and MD from the University of Miami. Dr. Alex went

on to an Internship and Residency in Anesthesiology at New York-Presbyterian Weill Cornell Medical College, Memorial Sloan Kettering Cancer Center, Hospital for Special Surgery. He completed his Residency in Pediatric Anesthesiology at the Children's Hospital of Philadelphia. We are excited to have him here and we ask that you help us welcome him to UF and the Gator Nation!



RENE PRZKORA

Please join us in welcoming **Dr. Rene Przkora** to the Department of Anesthesiology. Dr. Przkora joined us on Wednesday, October 1st as an Associate Professor, and comes from the Department of Anesthesiology at The University of Texas Medical Branch in Galveston.

Dr. Przkora received his original medical education in Germany and earned his MD from the University of Würzburg and his PhD from the University of Bonn. He completed his residency in Surgery at the University of Regensburg Medical Center, and served his "Resident Position" in the Department of Trauma, Orthopedic, and Reconstructive Surgery at the Charite University Medical Center in Berlin. Directly after this, Dr. Przkora made his way to Texas, where he did a Postdoctoral Research Fellowship at Shriners Hospital for Children in the Department of Surgery. We know him because he came to UF after this and did a four-year residency in anesthesiology with us. Dr. Przkora finished up his anesthesiology education by doing his fellowship in the Department of Anesthesia, Critical Care, and Pain Medicine at Massachusetts General Hospital. We are happy to welcome him back to Gainesville and to make him part of the Gator Nation once again! Let's do our best to make Dr. Przkora a member of the UF family.

PEOPLE (continued)

Promotion and Tenure

For the academic year 2013-2014, the following faculty members received promotion and tenure.

Congratulations to them all!

- Tammy Euliano, MD** – Assoc. Prof. to Professor
- Linda Le-Wendling, MD** – Asst. Clin. Prof. to Associate Clinical Professor
- Mark Rice, MD** – Assoc. Clin. Prof. to Clinical Professor
- Christoph Seubert, MD** – Assoc. Clin. Prof. to Clinical Professor
- Adam Wendling, MD** – Asst. Clin. Prof. to Assoc. Clinical Professor

Group at the University of Florida and subspecializes in pain medicine and regional anesthesia. Dr. Edwards is pursuing his academic career at Massachusetts General Hospital, Harvard Medical School.

Now that is clearly a story about success! With Scholars such as the above, the program is a measure not only of individual success, but departmental success as well.

Personal successes are at the heart of this program; however, it could not have moved forward without the generous support of all our donors. Donations have come from many sources, but primarily from our alumni, faculty, and friends. In 2008, Dr. Yoeng Tang, an alumnus, made an initial generous donation and asked his colleagues to do the same. That was the beginning of the GSP. The forward movement of the program has been enhanced by the Department of Anesthesiology Chair Persons since that time. Drs. Shirley Graves and Jerome Modell have continuously led the charge to bring this program to its financial goal during these past five plus years. They and the department are grateful for all the support that has come forth from all of the donors.

As of June 1, 2014, there are 257 individual donors who have given 1,115 donations totaling \$328,761, and outstanding pledges of \$11,300, representing a total of \$340,061. The State match for dollars given will be \$77,551. Thus, the total to date will be \$417,612.

Thus, if we define success as reaching the initial \$1 million goal, we are closing in on the half-way point. If we define success by the Scholars personal accomplishments, it is nothing short of miraculous! The future of the GSP, the Scholars, and the Department is bright and continually ascending to new heights. *Now that's success.*

 **FUNDRAISING**

**Gravenstein Scholars' Program—
How Do You Define Success?**

By: Shirley Graves, MD, DSc

Some may define success as the "completion of a goal." That would be only part of our definition of success. The initial Gravenstein Scholars' Program (GSP) goal of \$1 million, when fulfilled, is certainly a measure of successful completion of the stated goal, but that goal is still evolving. We recognize that it will take \$2 million to fully fund the program, however, there is ongoing success in the program based on the outstanding Scholars who have completed or are currently engaged in the program. So, success is a measure that can be defined in numerous ways. **Take a look at our Scholars.**



- Patrick Tighe, MD | David Edwards, MD, PhD**
- Nawar Al-Rawas, MD | Cameron Smith, MD, PhD**
- Hemant Joshi, MD, PhD**

As of March, 2014, together these individuals have published 82 peer-reviewed scientific manuscripts, competitive abstracts, and book chapters and have given 43 presentations at regional and national meetings. In addition, they have received competitive grant funding from the Anesthesia Patient Safety Foundation, the Foundation for Anesthesia Education and Research, and the National Institutes of Health. Drs. Tighe and Edwards have completed the program and are both continuing their careers in academics. Dr. Tighe is Assistant Professor of Anesthesiology and Orthopedics and Program Director of the Perioperative Analytics

Support the Gravenstein Scholar's Program

Join the Department of Anesthesiology faculty and alumni in supporting medical education and research. At this time, our philanthropic focus is on completing the Gravenstein Scholars Program endowment. The Gravenstein Scholars Program, named in honor of the Gravenstein family members who have contributed so significantly to anesthesiology at the University of Florida, was established to accomplish the following:

1. To increase the number of anesthesiology residents at the University of Florida who choose academic careers.
2. To increase the research productivity and contributions of anesthesiology residents.
3. To prepare anesthesiology residents to conduct productive, independent research.

To contribute, you can donate online at:

<https://www.uff.ufl.edu/onlinegiving/FundDetail.asp?FundCode=016245>

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