

UCH ANESTHESIOLOGY

MONTHLY NEWSLETTER

JULY 2015

CLINICAL

RESEARCH

EDUCATION

PERSONAL

From FAER Newsletter...

Shining Light on Surgical Outcomes: NIH-Funded Anesthesiologist Continues Life-Saving Research Denham S. Ward, M.D., Ph.D., President and CEO *FAER*

It is 92,960,000 miles away and the most powerful source of energy and life on Earth. For more than 4.5 billion years, until the invention of the incandescent light bulb in the 1800s, the sun was our only source of light, and human behavior revolved around the light-dark pattern it set. Manufactured light altered human dependence on the day-night cycles of the sun and, perhaps an unintended consequence, affected circadian sleep-wake cycles.

Research in the 1970s showed that the circadian rhythm not only regulates sleep-wake cycles but also has a molecular mechanism that influences individual cells and organ systems. Several decades later, there is substantial biomedical research that correlates disrupted circadian rhythms with health problems such as sleep disorders, metabolic syndrome and obesity, diabetes, and cardiovascular and other clinical diseases. Research has also shown that patients in the ICU suffer from sleep deprivation and disturbances, in addition to critical illnesses, that contribute to dysfunctional circadian rhythms.

Although we know long-term circadian disturbances affect human health and lead to clinical disease and disorder, we do not yet know the clinical consequences of short-term circadian disturbances that occur during surgery and anesthesia.¹ **Tobias Eckle, M.D., Ph.D.**, and his research team are examining the potential consequences and solutions by studying how intense light could be used as a novel therapy to prevent or treat ischemic myocardial tissue injury in surgical patients.

Dr. Eckle is Associate Professor of Anesthesiology, Cardiology and Cell Biology in the Department of Anesthesiology at the University of Colorado, Denver. He recently received an NIH R01 from the National Heart, Blood and Lung Institute for his study "Intense Light Therapy for Perioperative Cardio-Protection."

"By using murine studies on tissue specificity, drug-based therapy and metabolism in vivo in combination with human studies, we hope to establish intense light therapy in surgical patients to prevent or treat myocardial infarction," he says. ***The complete article appears in the July 1, 2015 Volume 79, Number 7 FAER Newsletter.***

NEW STAFF FACULTY

- Tuyen Nguyen, CRNA



- Brook Grimes, AA



WELCOME NEW RESIDENTS & FELLOWS!

CA-1 Residents:

Cara Crouch - University of Texas Med. Branch
Josh Douin - Tufts University
Brian Duggar - Virginia Commonwealth
Antasia Giebler - Arizona College of Osteopathic Med
Jennifer Hong - University of Colorado
Laura Kirk - Wayne State University
Nathan Lamborn - University of Colorado
Justin Merkow - University of Colorado
Joseph Morabito - Western Univ. of Health Sciences
Tyler Morrissey - University of Oklahoma
Peter Ritchie - University of Colorado
Gregory Schmitz - Georgia Regents University
Nicholas Stringer - Louisiana State University
Corey Tingey - Arizona College of Osteopathic Med.
Samuel Wallum - University of Texas Med. Branch




Fellows:

Scott Harter (Cardiothoracic)- University of Illinois Hospital
Joseph Mahoney (Cardiothoracic) - Oregon Health and Science University
David Parisian (Cardiothoracic) - University of Florida, Gainesville
Ajay Vellore (Pain) - Mayo Clinic Hospital
Sean Malin (Acute Pain/ Regional) - George Washington University Hospital

Administrative Pointers & Reminders

Research

The next American Heart Association submission deadline is July 24th, 2015. If you plan on submitting, please make sure to get in touch with [Sabrina Espinoza](#), the Department's Grants Manager, as soon as possible 

Clinical

With year-end just behind us, we've been receiving numerous questions regarding T&E balances. As a reminder, instructions for viewing your balances are here:

1. Visit the [Department Intranet](#)
2. Hover your mouse over the "Faculty Tab"
3. Select "T&E" from the dropdown menu
4. Utilize your CU Denver login ID and password. Your T&E Balance, along with a transaction history, should populate.

If for some reason you are unable to login or cannot see your balance, please contact [Ken Bullard](#), our IS Manager.

General Admin

If you are ever in need of administrative support and are unsure of whom you should contact, our website has a comprehensive listing of administrative staff and their responsibilities. Located [here](#).

Recent Publications, Presentations & Other Accomplishments

PUBLICATIONS

Neurocognitive outcomes after extracorporeal membrane oxygenation. **Graber LC, Quillinan N**, Marrotte EJ, McDonagh DL, **Bartels K**. Best Pract Res Clin Anaesthesiol. 2015 Jun;29(2):125-135.

PROMOTIONS

Congratulations to those who were promoted, as this represents remarkable achievements as judged by their peers both within and outside the department.

- **Paco Herson, Ph.D.** has been promoted to **Professor**. His tenure application still requires approval by the Board of Regents, which is almost certain to happen, but may take a few months to get on their agenda. Paco was rated as excellent in research, education, and scholarship.
- **Douglas Kominsky, Ph.D.** was promoted to **Associate Professor**, based on his excellence in research and meritorious teaching and scholarship.
- From the Children's Hospital faculty, **Alan Bielsky, M.D.** was promoted to **Associate Professor**, as justified by excellence in both education and clinical activity, and by meritorious scholarship.
- Also representing Children's Hospital, **Brett Wallen's** application for promotion to **Associate Professor of Clinical Practice** was approved by the Faculty Promotions Committee on the basis of excellence in clinical activity and meritorious teaching. His application still requires approval by the Medical School Executive Committee, which should occur by the end of July.
- Representing Denver Health Medical Center, **Jack Humphrey** was promoted to **Associate Professor of Clinical Practice**, as justified by his excellence in clinical activity and meritorious teaching

CRNA “White Star”

June “White Star” Kristina Buszta

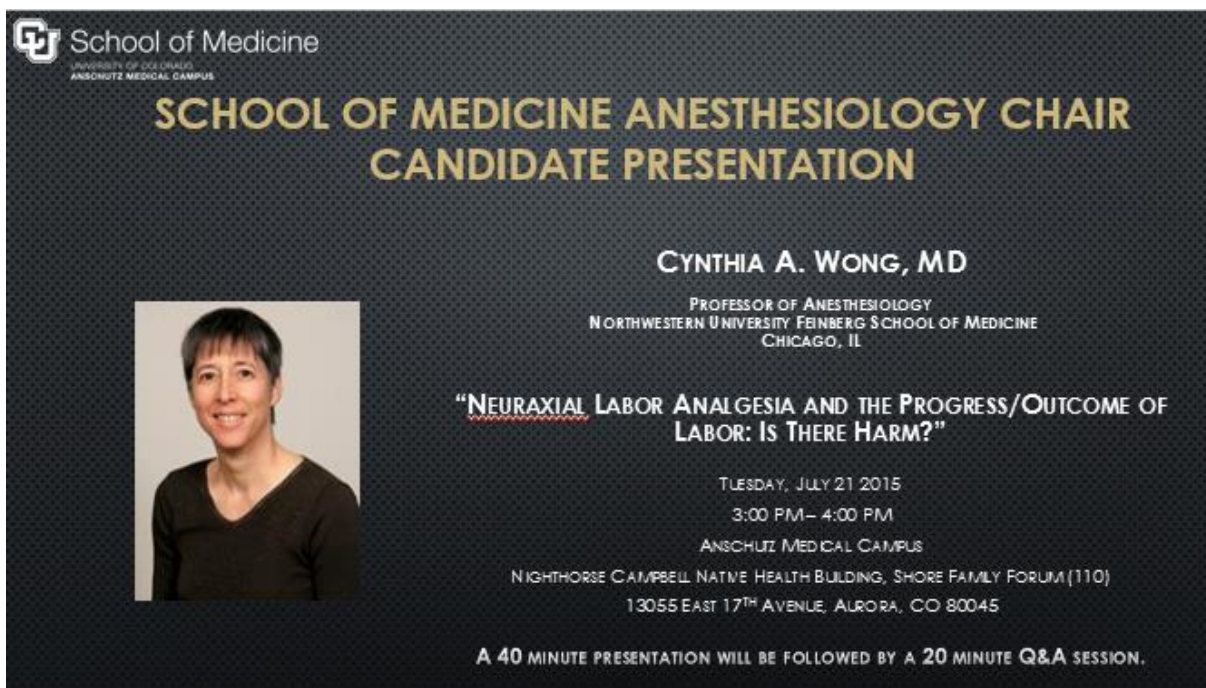
“With only the weekend notice she prepared a PowerPoint and came with Anesthesia Props and the intubating dummy presented our profession of Nurse Anesthetists to the I Rural Scholars Program.”




“Kristina Buszta lended a helping hand during an emergency gun shot wound case while she was a break person. She also came back to help transport to the ICU. She made it clear that she was only a phone call away and willing to help no matter the circumstances. True selflessness and an incredibly valuable team player!

Chair Search Update:

The second finalist will be on campus next week to give a lecture and question/answer session. Details about the lecture and town hall that is open to the entire Anschutz Medical Campus are below. The Department of Anesthesiology Faculty Town Hall will follow from 4 - 5 pm. Please attend if you can.



 School of Medicine
UNIVERSITY OF COLORADO
ANSCHUTZ MEDICAL CAMPUS

SCHOOL OF MEDICINE ANESTHESIOLOGY CHAIR CANDIDATE PRESENTATION

CYNTHIA A. WONG, MD
PROFESSOR OF ANESTHESIOLOGY
NORTHWESTERN UNIVERSITY FEINBERG SCHOOL OF MEDICINE
CHICAGO, IL

**“NEURAXIAL LABOR ANALGESIA AND THE PROGRESS/OUTCOME OF
LABOR: IS THERE HARM?”**

TUESDAY, JULY 21 2015
3:00 PM – 4:00 PM
ANSCHUTZ MEDICAL CAMPUS
NIGHTHORSE CAMPBELL NATIVE HEALTH BUILDING, SHORE FAMILY FORUM (110)
13055 EAST 17TH AVENUE, ALRORA, CO 80045

A 40 MINUTE PRESENTATION WILL BE FOLLOWED BY A 20 MINUTE Q&A SESSION.

SEND US MATERIAL FOR NEXT
MONTH!

PLEASE SUBMIT BY **AUGUST 6TH**

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OR

RACHEL OR MARINA

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Marina.shindell@ucdenver.edu



EPIC Notes:

- Please remember to complete intubation and extubation notes on all patients for whom it is appropriate. Thanks!



University of Colorado Hospital

ANSCHUTZ MEDICAL CAMPUS



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