

SLEEP 2009
University of Michigan Presentations

Saturday, June 5, 2009

8:00 am to 5:00 pm Postgraduate Course 03: James
M. Krueger, Chair, Janet Mullington, Mark R Opp,
Vsevolod Polotsky, Sigrid Veasey, Alex Vgontzas
*Inflammatory Mediators and Chronic Inflammation
in Sleep Pathology.*

Monday, June 8, 2009

10:15 am to 12:15 pm Poster Presentation: Pande R, Chandrasekhar R,
Kaplish N, Rifkin DI.
*Low Serum Vitamin D Concentration as predictor of sleep duration:
A NHANES 2005-2006 analysis.*

10:15 am to 12:15 pm Poster Presentation: Bullough AS, O'Brien LM.
*Clinical Utility of Neck Circumference as a Surrogate
Measure of Sleep Disordered Breathing in Pregnancy.*

10:15 am to 12:15 pm Poster Presentation: O'Brien LM, Van Tubbergen M,
Warschusky SA.
*Sleep Disordered Breathing and Behavior in Children with
Cerebral Palsy.*

10:15 am to 12:15 pm Poster Presentation: Tremblay KA, Bullough AS, O'Brien
LM.
*Sleep Characteristics in Pregnant Women of Different
Racial Backgrounds.*

10:15 am to 12:15 pm Poster Presentation: Brevig HN, Watson CJ, Lydic R,
Baghdoyan HA.
*Hypocretin-1 Microinjected into the Pontine Reticular Nucleus, Oral
Part (PNO) of Sprague Dawley Rat Causes A Concentration
Dependent Increase in Wakefulness and Decrease In Sleep.*

- 10:15 am to 12:15 pm Poster Presentation: Vanini G, Wathen BL, Lydic R, Baghdoyan HA.
GABA Levels in Cat Pontine Reticular Formation (PRF) are Lower During Rapid Eye Movement (REM) Sleep and the Neostigmine-Induced REM Sleep-Like State (REM –NEO) Than During Wakefulness.
- 10:15 am to 12:15 pm Poster Presentation: Knoepke C, Goldschmied J, Arnedt J T, Lee-Chiong T, Aloia M.
Testing the CMS Guidelines: Do Behavioral Interventions Increase Likelihood of Adherence?
- 10:15 am to 12:15 pm Poster Presentation: Aloia, M, Knoepke C, Goldschmied J, Arnedt JT, Huang E, Matwiyoff G, Lee-Chiong T.
Testing the New CMS Guidelines: What Do They Mean in Terms of Treatment Outcomes?
- 10:15 am to 12:15 pm Poster Presentation: Hairston I, Wojner J, Muzik M.
Sleep Difficulties in Infants of Women with Childhood Trauma are Mediated by Postpartum PTSD but not Depressive Symptoms.
- 10:15 am to 12:15 pm Poster Presentation: Belon K, Arnedt JT, Lee J, Velez G, Owens J.
Attitudes about Sleep Loss and Fatigue in Medical Residents: Impact of the 2003 Residency Work Hour Regulation Changes.
- 10:15 am to 12:15 pm Poster Presentation: Williams K, Diniz Behn C.
A Hodgkin-Huxley-type model orexin neuron.
- 12:30 pm to 1:30 pm Workshop: Mark R. Opp, Chair
Career Development Strategies: The ‘K’ Award and the Transition to Independence.

Tuesday, June 9, 2009

- 8:00 am to 10:00 am Symposia: Chair: Bilgay Izci-Balserak, Scotland. Speakers: Kathryn Lee, San Francisco, USA, Maruo Manconi, Italy, Louise O’Brien, Michigan, USA, Leigh Signal, New Zealand. Sleep Issues in Pregnancy,
- 10:15 am to 12:15 pm Poster Presentation: Bullough AS, O’Brien LM.
Non-Invasive Airway Assessment and Adverse Pregnancy Outcome.

- 10:15 am to 12:15 pm Poster Presentation: Tremblay KA, Bullough AS, O'Brien LM.
Habitual Snoring during Pregnancy is Not Associated with Lower Infant Birth Weight.
- 10:15 to 12:15 pm Poster Presentation: O'Brien LM, Bullough AS.
Chronic versus Pregnancy-Associated Habitual Snoring and Maternal Blood Pressure
- 10:15 am to 12:15 pm Poster Presentation: Madala S, Bullough A, Tremblay KA, O'Brien LM.
Sleep Disruption and Mode of Delivery in Pregnant Women.
- 10:15 am to 12:15 pm Poster Presentation: Hassan F, O'Brien LM, Chervin R.
Sufficient sleep may be more common among overweight than non-overweight asthmatic children.
- 10:15am to 12:15pm Poster Presentation: Krainin J, Belon K, Velez G, Crouch M, Owens J, Arnedt. JT.
Resident Performance on a Simulated Case-Based Medical Decision Making Task after Heavy Call and Alcohol Consumption
- 10:15 am to 12:15 pm Poster Presentation: Villanueva M , Bullough AS, Chervin RD, Guire K, O'Brien LM.
Snoring, Obesity, and Gestational Hypertension in the Last Trimester of pregnancy.
- 10:15 am to 12:15 pm Poster Presentation: Lopez J, Hoffmann R, Armitage R. *Age- and Sex-Related Differences in Slow-Wave Activity in Health and Depressed Children and Adolescents.*
- 1:30 pm to 2:30 pm Invited Lecture: Ronal Chervin.
Polysomnography: What does it accomplish and how can we make it better.
- 2:45 pm to 4:45 pm Symposium: Chair: James Krueger, Pullman, WA. Speakers: Robert McCarley, Boston, USA, Clifford Saper, Boston USA, Mark R. Opp, Ann Arbor, USA, Emmanuel Mignot, Palo Alto, USA.
100 Years of Humoral Regulation of Sleep.

Wednesday, June 10, 2009

- 10:15 am to 12:15 pm Discussion Group: Chair, Ilene Rosen; Flavia Consens.
The Impact of Accreditation Council for Graduate Medical

Education Sleep Fellowship Training on the Future of Sleep Medicine.

- 10:15 am to 12:15 pm Discussion Group: Craig Anderson, Devin Brown, Neil Douglas, Ed Goldman, Clete Kushida, Beth Malow, Susan Redline, Michael Twery.
The Ethical challenges in obstructive sleep apnea treatment trials.
- 10:15 am to 12:15 pm Poster Presentation: Chirakalwasan N, O'Brien LM, Palmisano J, Garetz S, Helman J, Consens F.
Oral appliance therapy for treatment of residual obstructive sleep apnea after uvulopalatopharyngoplasty.
- 10:15 am to 12:15 pm Poster Presentation: Burns J, Domino E, Fetterolf J, Ruzicka D, Chervin R.
Sigma Band Interhemispheric Coherence Distinguishes Children with and Without Obstructive Sleep Apnea.
- 10:15 am to 12:15 pm Poster Presentation: Battersby AS, Guzick SE, Baghdoyan HA, Lydic R.
Microdialysis Delivery of Morphine Decreases Adenosine Levels in Rat Basal Forebrain and Coadministration of an Adenosine Deaminase Inhibitor Reverses the Morphine-Induced Decrease.
- 10:15 am to 12:15 pm Poster Presentation: Flint RR, Lydic R, Baghdoyan HA.
Electroencephalogram (EEG) Power During Wakefulness and Rapid Eye Movement (REM) Sleep is Increased by Microinjection of the GABA_A Receptor Agonist Muscimol into the Pontine Reticular Nucleus, Oral Part (PNO) of C57BL/6J (B6) Mouse.
- 10:15 am to 12:15 pm Poster Presentation: Hambrecht VS, Baghdoyan HA, Lydic R.
Pontine Reticular Formation (PRF) Administration of Diazepam and Zolpidem, but not Eszopiclone Increases Electroencephalogram (EEG) Delta Power in Sprague-Dawley Rat.
- 10:15 am to 12:15 pm Poster Presentation: Wathen AB, West ES, Lydic R, Baghdoyan HA.
Olanzapine, an Atypical Antipsychotic, Delivered to the Prefrontal Cortex (PFC) Differentially Increases PFC Acetylcholine (ACH) Release in C57BL/6J (B6) and B6.V-LEPob/J (Obese) Mouse but does not Alter Cortical Electroencephalographic (EEG) Power or Behavioral Arousal.
- 10:15 am to 12:15 pm Poster Presentation: Hairston I, Conroy D, Brower K, Armitage R, Arnedt JT.

Improvement in Subjective Sleep Quality and Mood After Insomnia Treatment is Associated with Pre-Treatment Objective Sleep Characteristics in Recovering Alcoholics.

- 10:15 am to 12:15 pm Poster Presentation: Conroy D, Hairston I, Heitzeg M, Brower K, Zucker R.
Restless symptoms at night are associated with attention deficit symptoms during the day in children of alcoholics.
- 10:15 am to 12:15 pm Poster Presentation: Conroy D, Armitage R, Hoffmann R. *Children with substance abusing parents show a mismatch between sleep in the laboratory and subjective sleep in an age and sex matched sample.*
- 10:15 am to 12:15 pm Poster Presentation: Arnedt JT, Almeida A, Hunt S, Gokhale M, Rohsenow D, Howland J.
Sleep Quality Following Heavy Alcohol Consumption in Healthy, Young Adults: Effects of gender and beverage type.
- 10:15 am to 12:15 pm Poster Presentation: Swanson L, Arnedt JT, Rosa R, Rosekine M, Belenky G, Balkin T, Drake C.
Sleep, Health, and Work Outcomes for Shift Workers: Results from the 2008 Sleep in America Poll.
- 10:15 am to 12:15 pm Poster Presentation: Swanson L, Flynn H, Marcus S, Wilburn K, Armitage R.
Maternal Depression and Child Sleep Outcomes.
- 12:30 pm to 1:30 pm Lunch and Learn: A Pro/Con Debate: Norman Friedman and Timothy Hoban.
Polysomnography is Not Routinely Indicated Prior to Adenotonsillectomy for Childhood Obstructive Sleep Apnea.

Thursday, June 11, 2009

- 9:15 am to 9:30 am. Oral Presentation: Teodorescu M:
Sleep-Disordered Breathing (SDB) symptoms and Asthma Control in the Elderly.
- 10:15 am to 12:15 pm Poster Presentation: Poe GR, Pal D, Robertson T, Biswas S.
Combined Effects of REM Sleep Deprivation and Hippocampal Fimbria-Fornix Transections or Lesions on Ability to Acquire a Spatial Learning Task.