

CURRICULUM VITAE

Update 11/11

NAME: Sean Patrick Andrews Drummond, PhD

ADDRESS: Department of Psychiatry
UCSD / VA San Diego Healthcare System
3350 La Jolla Village Drive
MC 151B, Building 13, 3rd floor
San Diego, CA 92161
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EDUCATION:

- 6/00 Doctor of Philosophy in Clinical Psychology
San Diego State University/University of California, San Diego
Joint Doctoral Program in Clinical Psychology (JDP)
San Diego, California
Dissertation Committee Chair: J. Christian Gillin, M.D.
- 5/92 Bachelor of Science degree in Psychology
Suma Cum Laude, Phi Beta Kappa
University of Arizona; Tucson, Arizona

ACADEMIC POSITIONS:

Current and Postdoctoral

- 07/08 - Present Associate Professor
Director, Laboratory for Sleep & Behavioral Neuroscience
UCSD Department of Psychiatry
Psychology Service, VA San Diego Healthcare System
- 7/10 – Present Visiting Professor
Northumbria University
Department of Psychology
- 10/05 - Present Clinical Psychologist
Director, Behavioral Sleep Medicine Program
Director, Cognitive Behavioral Interventions Program
Psychology Service, VA San Diego Healthcare System
- 12/08 - Present Co-Director, UCSD/VA San Diego Psychology Internship Training
Program
- 10/02 - 06/08 Assistant Professor
Director, Laboratory for Sleep & Behavioral Neuroscience
UCSD Department of Psychiatry

Psychology Service, VA San Diego Healthcare System

9/00 – 9/02 Postdoctoral Fellow
 Research Health Science Specialist
 Biological Psychiatry and Neuroscience T32 Fellowship Program
 UCSD / VA San Diego Healthcare System
 Mentor: Gregory G. Brown, Ph.D.

Predoctoral

9/99 – 8/00

Predoctoral Psychology Intern
 Southern Arizona VA Health Care System
 Training Director: James Comer, Ph.D.

8/94 - 8/99

NIMH NRSA Predoctoral Fellow
 Department of Psychiatry
 UCSD / VA San Diego Healthcare System
 Mentor: J. Christian Gillin, M.D.

6/92 - 7/94

Research Associate
 Sleep Disorders Center
 UC Irvine Medical Center
 Mentor: Sarah Mosko, Ph.D.

4/90 - 5/92

Research Assistant
 Sleep Research Laboratory
 Psychology Department, University of Arizona
 Mentors: Richard Bootzin, Ph.D. and Michael Perlis, Ph.D. (then M.A.)

GRANTS:Active

07/07 - 06/12	NICHD P50HD055750-01 Biomarkers of Autism at 12 months: From Brain Overgrowth to Genes PI: Courchesne	\$7.5M DC
05/08 - 04/12	National Science Foundation 0729021 Collaborative Research: DRU: Behavioral and Neural Effects of Sleep Deprivation on Specific Components of Decision Making PI: Drummond	\$483K DC
09/09 – 07/12	National Institute for Nursing Research 1RC1NR011728 Treating Insomnia & Nightmares After Trauma: Impact on Symptoms & Quality of Life PI: Drummond	\$688,000 DC
10/10-9/13	Defense Medical Research and Development Program (DMRDP) DM102425 Role of Sleep Deprivation in Fear Conditioning and Extinction: Implications for Treatment of PTSD	

PI: Drummond

10/11-9/13 Office of Naval Research Code 30 \$350K DC
 Assessment of Post-Deployment Sleep Disruption in Naval Special Warfare
 (SEAL) Operators
 PI: Taylor

Completed in Last 5 years

9/04 - 6/09 National Institute on Aging 1 R01 AG024506-01 \$1.125M DC
 "Sleep Deprivation and Brain Function in Older Adults"
 PI: Drummond

10/06 - 12/08 Office of Naval Research \$225K DC
 Cerebral and neurocognitive markers of military hardiness: Toward an
 understanding of protective mechanisms against and vulnerability factors for
 Posttraumatic Stress Disorder
 PI: Taylor

8/06 - 8/07 Defense Advanced Research Projects Agency \$92K DC
 "Comparing the effects of Modafinil, napping, and caffeine on perceptual
 deterioration and learning"
 PI: Drummond

7/02 – 7/07 US Army Peer Reviewed Medical Research Program; \$425K/year DC
 "Effects of total sleep deprivation and recovery sleep on cognitive performance
 and brain function"
 PI: Drummond

4/02 – 12/05 Office of Naval Research
 "Influence of individual differences and task difficulty on cerebral and behavioral
 responses during cognitive performance following total sleep deprivation."
 Co-PI: Carr; Co-PI: Drummond

10/02 – 12/05 UC Center for Medicinal Cannabis Research
 "Sleep and Medicinal Cannabis"
 PI: Drummond

CLINICAL EXPERIENCES:

Professional

06/05 - Licensure in Clinical Psychology, State of California, License # PSY20288
 09/05 – 12/08 Associate Director, Cognitive Behavioral Interventions Program, VASDHS
 01/07 - Director, Behavioral Sleep Medicine Program, VASDHS
 01/09 - Director, Cognitive Behavioral Interventions Program, VASDHS

Internship:

8/99 - 12/99 Psychological Assessment, Tucson VAMC
 8/99 – 12/99 Day Programs for seriously mentally ill, Tucson, VAMC

12/99 - 3/00 Medical Rehabilitation, Tucson VAMC
 12/99 - 3/00 Insomnia Clinic, University of Arizona - University Medical Center
 3/00 – 5/00 Health Psychology Clinic and Primary Care, Tucson VAMC
 6/00 – 8/00 Neuropsychology Clinic, Tucson VAMC

Graduate School:

6/95 - 8/95 West Wing Acute Inpatient Unit, UCSD Medical Center
 7/95 - 10/96 Smoking Cessation for Depressed Patients, UCSD Department of Psychiatry
 8/95 - 8/96 San Diego State University Psychology Clinic, Mood and Anxiety Disorders Clinic
 7/96 - 6/97 Alcohol and Drug Treatment Program (ADTP), San Diego VAMC
 7/97 - 12/98 Sleep Disorders Clinic, San Diego VAMC

PROFESSIONAL EXPERIENCES:

Teaching Experiences:

Year	Institution/Department	Class Title	Teaching Role	Level
Fall 1996	San Diego State (SDSU) / Psychology	Introduction to Statistics	Instructor of record	Undergraduate
Spring 1997	SDSU / Psychology	Introduction to Statistics	Instructor of record	Undergraduate
1998	VA San Diego	Alcohol and Drug Treatment Program staff inservice	Single Lecture	Staff
Feb 2000	VA Tucson	Internal Medicine resident in-service	Single Lecture	Residents, Faculty
Feb 2000	VA Tucson	Psychology in-service	Single Lecture	Faculty, Staff
Oct 2000	VA San Diego	Neuropsychology Seminar	Single Lecture	Grad students, Post-docs, Faculty
Spring 2001	University of California, San Diego (UCSD)	Sleep Disorders and Biological Rhythms	Guest Lecture	Medical School
Winter 2002	University of California, San Diego (UCSD)	Sleep Disorders and Biological Rhythms	Co-instructor	Medical School
Jan 2003	Multiple institutions and depts	Analysis of Functional Magnetic Resonance Imaging Data (2-day workshop)	Co-organizer and co-teacher	Undergrad through faculty
March 2003	Multiple institutions and depts	Analysis of Functional Magnetic Resonance Imaging Data (2-day workshop)	Co-organizer and co-teacher	Undergrad through faculty
April 2003	Multiple institutions and depts	Analysis of Functional Magnetic Resonance Imaging Data (2-day workshop)	Co-organizer and co-teacher	Undergrad through faculty

Jan 2003	Multiple institutions and depts	Analysis of Functional Magnetic Resonance Imaging Data (2-day workshop)	Co-organizer and co-teacher	Undergrad through faculty
Oct 2003	UCSD / Psychiatry	Predocutorial Psychology Intern Seminar	Single Lecture	Psychology Interns
Winter 2004	University of California, San Diego (UCSD)	Sleep Disorders and Biological Rhythms	Co-instructor	Medical School
July 2004	Multiple institutions and depts	Analysis of Functional Magnetic Resonance Imaging Data (2-day workshop)	Co-organizer and co-teacher	Undergrad through faculty
Sept 2004	Multiple institutions and depts	Advanced Topics in Analysis of Functional Magnetic Resonance Imaging Data (2-day workshop)	Co-organizer and co-teacher	Undergrad through faculty
Jan 2005	UCSD / Psychiatry	Predocutorial Psychology Intern Seminar	Single Lecture	Psychology Interns
Spring 2005	SDSU/UCSD Clinical Psychology	Methodological Issues in Psychopathology Research	Instructor of record	Graduate students in clinical psychology
Aug 2005	UCSD Stein Inst Research on Aging	Research Seminar series	Single Lecture	Grad students, Post-docs, Faculty
Oct 2005	Multiple institutions and depts	Analysis of Functional Magnetic Resonance Imaging Data (2-day workshop)	Co-organizer and co-teacher	Undergrad through faculty
2006-20011	UCSD Psychiatry	Predocutorial Psychology Intern Seminar	Single Lecture (1/academic year)	Psychology Interns
2006-2008	VA Psychology	CBT Seminar	Single Lecture (2/academic year)	Psychology Interns, Psychology graduate students, Psychiatry Residents
Nov 2007	UCSD Psychiatry / VA Psychology	Postdoctoral Clinical Neuropsychology Seminar	Single Lecture	Neuropsychology postdoctoral fellows
Nov 2007	UCSD/VA Psychiatry	PGY1 Residents Seminar	Single Lecture	PGY1 residents

Winter 2008- Winter 2009	UCSD Psychology	Psychology 90	Single Lecture (1/Quarter)	Psychology undergrads
2007-2008, 2010	UCSD/VA Psychology	Behavioral Medicine Seminar	Single Lecture (1/academic year)	Behavioral Medicine Psychology Interns, graduate students, postdoctoral fellows
2008-2010	UCSD/VA Psychology	ADTP/SAMI Seminar	Single Lecture (1/academic year)	Addiction faculty, interns, grad students
Dec 2008	UCSD - interdepartmental	Biomedical and Clinical Research Center Seminar	Single Lecture	Faculty/Staff from all departments
Jan 2009	VA San Diego	PTSD Seminar	Single Lecture	Trauma faculty, Psychology Interns, graduate students, postdoctoral fellows, social workers
March 2009	UCSD	Eating Disorders Seminar	Single Lecture	Eating Disorders and Obesity faculty, postdocs, interns, undergrads, residents
2009-2010	VA Psychology	EBP Seminar	3 Individual Lecture	Psychology Fellows, Interns, & graduate students, Social Work Fellows
Nov 2009	UCSD/VA Psychiatry	PGY3 seminar	Single Lecture	Psychiatry PGY3 Residents
May 2010	UCSD/VA Psychiatry	Grand Rounds	Single Lecture	Medical student, Residents, Faculty
Oct 2010	SDSU/UCSD Joint Doctoral Program	Behavioral Medicine Seminar	Single Lecture	Doctoral students in Clinical Psych
Nov 2010	VA Geropsychiatry	Geropsychiatry Seminar	Single Lecture	Faculty, MD and PhD Fellows, grad students

2010-2011	VA Psychology	Evidenced Based Psychotherapy Seminar	3 Individual Lectures	Psychology Fellows, Interns, & graduate students, Social Work Fellows
May 2011	UCSD Psychiatry	PGY2 Seminar	Single Lecture	Sleep & Psychiatric D/O
June 2011	UCSD Psychiatry	PGY3 Seminar	Single Lecture	CBT for Insomnia
June 2011	UCSD Internal Medicine	PGY2 Training	Single Lecture	Sleep and Managing Shift Work

Invited Lectures:

A. Extramural – National and International

Number	Date	Location	Lecture Title	Context
1	Aug 2000	Brown University	To Compensate or Not To Compensate: That is the Question.	Sleep and Chronobiology Summer Research Apprenticeship Program
2	June 2002	University of Pennsylvania	Brain function and cognitive performance during sleep deprivation	Center for Sleep and Respiratory Neurobiology seminar
3	Jan 2004	University of Rochester	The Effects of Sleep Loss on Brain Function as Measured with FMRI	Grand Rounds
4	May 2004	University of Montreal	The Effects of Sleep Loss on Brain Function as Measured with FMRI	Department of Psychology colloquium
5	July 2004	Max Planck Institute, Munich, Germany	The Effects of Sleep Loss on Brain Function as Measured with FMRI	Department of Psychology colloquium
6	Oct 2004	Max Plank Institute, Munich, Germany	Evidence for Cerebral Compensation After Sleep Deprivation	Grand Rounds
7	Oct 2005	University of Arizona	The Impact of Sleep Loss on Brain Function: Evidence from FMRI Studies	Department of Psychology colloquium
8	March 2006	NIH	Consequences of Sleep Deprivation	Neuroimaging in Sleep Research workgroup

9	Sept 2006	Max Planck Institute, Munich, Germany	What Functional MRI has Shown Us About Good and Bad Brain Function Following Sleep Deprivation	Munich Sleep Symposium: From Basic Networks to Individual Sleep Differences.
10	Nov 2006	Washington State University	Effects of Sleep Deprivation on Human Cognition	Department of Veterinary and Comparative Anatomy, Pharmacology and Physiology seminar
11	Oct 2007	Washington, DC	The Potential Role of Sleep in Cognitive Aging	NIA Cognitive Aging Summit
12	April 2008	University of Glasgow; Scotland, UK	Brain Function During Sleep Deprivation: Multimodal Approaches to Understanding Group & Individual Differences in Cognitive Vulnerability	Department of Psychology Seminar
13	March 2009	Naval Medical Center San Diego	Treatment of Insomnia and Nightmares	Grand Rounds
14	Sept 2009	University of Pennsylvania	Effects of Sleep Deprivation on Specific Components of Decision Making	Grand Rounds
15	Nov 2010	UCSD Center for Chronobiology	How Well Can We make Decision Sleep Deprived?	Workshop
16	Feb 2011	Northumbria University, England	Impact of Sleep Deprivation on Specific Components of Decision Making	Psychology Department Seminar

B. Invited Conference Presentations – National and International

Number	Date	Location	Lecture Title	Context
1	June 2000	Las Vegas	The use of FMRI to measure the effects of sleep deprivation on cognitive performance	14 th annual Associated Professional Sleep Societies (APSS) meeting
2	June 2001 June 2004	Chicago Philadelphia	Neuroimaging in Sleep Research	APSS Trainee Symposia Series
3	June 2002	Reykjavik, Iceland	Cerebral response to experimentally induced sleepiness as measured with FMRI	8 th Sleep & Breathing Symposium

4	June 2003 June 2005 June 2006	Chicago Denver Salt Lake City	How to Survive Graduate School	APSS Trainee Symposia Series
5	Dec 2003	Kanagawa, Japan	The Effects of Sleep Loss on Brain Function	6 th Annual Japanese-American Frontiers of Sciences meeting
6	April 2004	San Juan, Puerto Rico	Human Subjects Protection: Issues in Sleep Deprivation	Military Health Research Forum
7	May 2004	Quebec City, Quebec	Functional Magnetic Resonance Imaging & Sleep Research	2 nd Canadian Sleep Society Conference.
8	June 2004	Philadelphia, Pennsylvania	Sleep Deprivation Effects on the Function of Prefrontal & Other Brain Region	18 th annual APSS meeting
9	June 2005	Toronto, Ontario	Neuroimaging of Sleep Debt and Its Effect on Cerebral Responses to Cognitive Performance	Organization for Human Brain Mapping meeting
10	Sept 2005	Houston, Texas	Cerebral Response to Sleep Loss	MD Anderson Mechanisms and Treatment of Cancer Related Symptoms conference
11	May 2006	San Juan, Puerto Rico	Effects of Sleep Deprivation and Recovery Sleep on Cognitive Performance and Brain Function	Military Health Research Forum
12	May 2006	San Diego, California	Functional MRI Investigations of Cognitive Performance in Experimental Sleep Deprivation and Obstructive Sleep Apnea: Similarities and Differences	Respiratory, Neurobiology, and Sleep dinner at the annual American Thoracic Society Meeting
13	June 2006	Salt Lake City, Utah	Sleep Deprivation/Restriction: Human Studies	Associated Professional Sleep Societies meeting; CME lecture
14	Sept 2006	Montreal, Quebec, Canada	Functional MRI in OSA: Methodological and Analytical Challenges	World Congress on Sleep Apnea meeting
15	Feb 2007	Portland, Oregon	Sleep, Sleep Loss, Brain Function and Cognition	International Neuropsychological Society Meeting, CE lecture

16	June 2007	Minneapolis, Minnesota	Sleep Deprivation/Restriction: Effects on Brain, Behavior, Health, and Safety	21 st annual Associated Professional Sleep Societies meeting; CME lecture
17	June 2007	Minneapolis, Minnesota	Using Functional Imaging and EEG to Examine Sleepiness: Lessons Learned from Adult Research	21 st annual Associated Professional Sleep Societies meeting
18	June 2007	Minneapolis, Minnesota	Measuring Sleep Deprivation	12th annual SRS Trainee Symposia Series
19	Sept 2007	Cairns, Queensland, Australia	fMRI Studies of Sleep Apnea and What They Tell Us About the Cognitive Consequences of the Disorder	World Federation of Sleep Research and Sleep Medicine Societies meeting
20	Sept 2007	Cairns, Queensland, Australia	Modeling Vulnerability to Sleep Deprivation Across Age	World Federation of Sleep Research and Sleep Medicine Societies meeting
21	Oct 2007	St. Louis, Missouri	Brain Function During Sleep Deprivation: Multimodal Approaches to Understanding Group & Individual Differences in Cognitive Vulnerability	5th Annual Midwest Updates in Sleep Medicine CME lecture
22	March 2008	Washington, DC	Sleep, Sleep Loss, and Short-term Memory	National Sleep Foundation meeting: The Role of Sleep in Memory and Learning
23	June 2009	Seattle, WA	Effects of Total & Partial Sleep Deprivation on Decision-making: Behavior and Brain Function	23 rd Annual Associated Professional Sleep Societies meeting
24	June 2009	Seattle, WA	Hypoactivation or Compensatory Mechanisms? Functional MRI of Insomnia in Younger Adults	23 rd Annual Associated Professional Sleep Societies meeting
25	June 2009	Seattle, WA	Surviving Graduate School: The Early Years	14th annual SRS Trainee Symposia Series
26	Oct 2009	Lincoln, NE	Behavioral Interventions for Sleep Difficulties in PTSD	Nebraska Sleep Conference CME lecture
27	Oct 2009	Lincoln, NE	Sleep Loss, Brain Function & Cognition	Nebraska Sleep Conference CME lecture

28	Feb 2010	San Diego, CA	Relationship Between Changes in Sleep and Memory in Older Adults	American Association for the Advancement of Science (AAAS) symposium
29	June 2010	San Antonio	Meet the Professor: Treatment of Insomnia & Nightmares in PTSD	24 th Associated Professional Sleep Societies meeting
30	Sept 2010	Palo Alto VA	Imagery Rehearsal Therapy	Update on PTSD conference
31	Sept 2010	Alexandria, VA	The Effects of Two Types of Sleep Deprivation on Decision Making	Neuroimaging Technologies for Optimizing Performance conference
32	Feb 2011	Newcastle, England	Neurophysiological and Cognitive Consequences of Insomnia	First International Insomnia Forum
33	April 2011	San Diego, CA	Treatment of Sleep Difficulties in OEF/OIF/OND Posttraumatic Stress Disorder	Naval Command Combat Operational Stress Control conference

Committee Memberships:

A. Intramural and University-wide

- 1996, 1998 Member, JDP Experimental Psychopathology Track Graduate Student Selection Committee
- 1996 - 1997 Member, JDP Graduate Student Subcommittee to the Faculty Search Committee
- 2005 - UCSD Academic Senate Promotion & Tenure Committee Panel of Counselors
- 2005 - UCSD/VA Psychology Internship Training Committee
- 2008 - 2010 General Clinical Research Center Advisory Committee
- 2008 - Member, UCSD Keck Center for Functional Magnetic Resonance Imaging Steering Committee
- 2010- Member, Advisory Committee, UCSD Biological Psychiatry and Neuroscience T32 Fellowship Program

B. Extramural and Professional Society

- 1996 - 1997 Member, Associated Professional Sleep Societies (APSS) Trainee Program Committee
- 1997 Trainee Member-at-Large on the Sleep Research Society (SRS) Board of Directors
- 1998 Chair, APSS Trainee Program Committee
- 1999 - 2003 Member, Sleep Research Society (SRS) Committee for Animal Research Ethics
- 2002 - 2006 Member, American Academy of Sleep Medicine Research Committee
- 2003 Member, SRS Trainee Education and Advisory Committee
- 2004 - 2007 Chair, SRS Trainee Education Advisory Committee
- 2006 - 2007 Member, Trainee Organizing Committee, World Federation of Sleep Research and Sleep Medicine Societies
- 2008 - 2010 Member, SRS 50th Anniversary Committee

2009 - Member, Board of Directors of the Sleep Research Society

Review Contributions:

A. Journals

2001 - 2011 Sleep
 2001 - 2008 Journal of Sleep Research
 2002, 2010 Sleep Medicine Reviews
 2002 Clinical Neurophysiology
 2002 Journal of Studies on Alcohol
 2002 Neuropsychology
 2002 Journal of Psychosomatic Research
 2002 American J Respiratory & Critical Care Medicine
 2003 Brain Research
 2004 - 2009 Journal of Neuroscience
 2004 International Journal of Psychophysiology
 2005 Journal of Cognitive Neuroscience
 2005-2007 NeuroImage
 2006, 2010 Journal of Clinical Sleep Medicine
 2007 Journal of Clinical and Consulting Psychology
 2007 Current Directions in Psychological Science
 2008 Research on Aging
 2009 Psychological Bulletin
 2010 Behavioural Brain Research
 2010 Behavior Research and Therapy

B. Editorial Boards

2008 - Reviewing Editor, Frontiers in Integrative Neuroscience

C. Grants

2003 Reviewer for Sleep Medicine Education & Research Foundation
 2004 Reviewer for Netherlands Organization for Scientific Research (NWO)
 2004 - 2005 Reviewer for American Sleep Medicine Foundation
 2004 Reviewer for Austrian Science Fund
 2006 Ad Hoc Reviewer for NIH Motor Function, Speech and Rehabilitation Study
 Section (MFSR)
 2007 Ad Hoc Reviewer for NIH Brain Disorders and Clinical Neuroscience Fellowship
 Study Section (F01)
 2007 Reviewer for Institute for Mental Health Research
 2007 Reviewer for DoD Congressionally Directed Medical Research Program Post
 Traumatic Stress Disorder and Traumatic Brain Injury (PTSD/TBI) Research
 Program
 2008 NASA Research and Education Support Services (NRESS); Human
 Performance Factors, Sleep, and Chronobiology review panel
 2009 Reviewer for DoD review of Walter Reed Army Institute for Research Human
 Performance Program
 2009 NIH F02a Fellowship Review Panel, Ad Hoc Member
 2009 NIH Challenge Grants in Health and Science Research, Special Review Panel
 2010 UCSD Clinical Translational Research Institute Pilot Grant program
 2011 Military Operational Medical Research Program

Other Professional Experiences:

- 1995-1998 Editor of the Sleep Trainee Email Network
- 1996 Chair, Sleep and Depression Symposia: Associated Professional Sleep Societies meeting. June 1996.
- 1997 Chair, Sleep and Depression II Symposia: Associated Professional Sleep Societies meeting. June 1997.
- 2003 Chair, "The Biological Functions of Sleep" symposium at the 6th Annual Japanese-American Frontiers of Sciences meeting. Kanagawa, Japan, December 10, 2003. *Invited to organize and chair the session.*
- 2004 Chair, "Frontal Lobe Function Throughout the Lifespan: Influence of Sleep, Sleep Loss, and Sleep Disordered Breathing" symposium at the 18th annual Associated Professional Sleep Societies meeting. Philadelphia, Pennsylvania, June 7, 2004.
- 2006 Chair, "Sleep and Cognition" Oral Presentations session, Associated Professional Sleep Societies meeting. Salt Lake City, Utah. June 20, 2006.
- 2006 Chair, "Sleep Deprivation" Oral Presentations session, European Sleep Research Society meeting. Innsbruck, Austria. September 15, 2006.
- 2006 Chair, "Brain Imaging in OSAS" symposium at the World Congress on Sleep Apnea. Montreal, Quebec. September 30, 2006. *Invited to organize and chair the session.*
- 2007 Chair, "This is the Brain without Sleep" Platform Presentations session: 21st annual APSS meeting. Minneapolis, Minnesota. June 14, 2007.
- 2007 Co-Chair, "Acute Stimulating Effects of Short-Wavelength Light Exposure: Alertness, Performance, EEG and fMRI." Symposium at The 5th World Congress of the World Federation of Sleep Research and Sleep Medicine Societies. Cairns, Queensland Australia. September 4, 2007.
- 2007 Co-Chair, "Neuroimaging in Sleep Disorders" Symposium at The 5th World Congress of the World Federation of Sleep Research and Sleep Medicine Societies. Cairns, Queensland Australia. September 4, 2007.
- 2009 Chair, "Making Decisions while Sleep Deprived: caveat emptor." Symposium at the 23rd annual APSS meeting. Seattle, Washington. June 2009.
- 2010 Chair, "Sleeping to Remember." Platform Presentations session, 24th annual APSS meeting. San Antonio, Texas. June 2010.

HONORS RECEIVED:

- 1988 Outstanding Freshman Essay Award, Virginia Commonwealth University
- 1988-1992 Dean's List, University of Arizona
- 1989 Phi Kappa Phi Certificate of Merit
- 1989-1992 University Class Scholarship Award, University of Arizona
- 1991-1992 & 1994-1998 Travel Awards for the annual Associated Professional Sleep Societies (APSS) conferences
- 1995 Travel Award for the World Federation of Sleep Research Societies conference
- 1995-1999 JDP Departmental Travel Awards (intramural)
- 1995 National Science Foundation Graduate Research Fellowship Program, Honorable Mention
- 1997 JDP Dorathe Frick Memorial Award for Outstanding Third Year Student (intramural)
- 1998 Phi Beta Kappa Society - Epsilon Association Dissertation Fellowship

- 1998 Blue Ribbon Award Winner for abstract submitted to Division 40 at the 106th Annual Convention of the American Psychological Association
- 1999 Sleep Research Society Research Merit Award
- 2001 Sleep Research Society Young Investigator Award
- 2007 Letter of Appreciation, Naval Health Research Center
- 2008 Teaching Excellence Award, 2007-2008 academic year, UCSD/VA San Diego Psychology Internship Program
- 2009 Teaching Excellence Award, Honorable Mention, 2008-2009 academic year, UCSD/VA San Diego Psychology Internship Program

HONORARY SOCIETAL MEMBERSHIPS:

Honors Program, University of Arizona, 1988-1992
Psi Chi National Honor Society, inducted 1989
Phi Eta Sigma National Honor Society, inducted 1989
Golden Key National Honor Society, inducted 1990
Phi Kappa Phi National Honor Society, inducted 1992
Phi Beta Kappa National Honor Society, inducted 1992

PROFESSIONAL SOCIETAL MEMBERSHIPS:

Sleep Research Society, 1991-Present
European Sleep Research Society, 2004 - Present

PUBLICATIONS:Manuscripts:

- 1) McKenna, J., Mosko, S., Richard, C., Drummond, S., Hunt, L., Cetel, M., Arpaia, J.
Experimental studies of infant-parent cosleeping: Mutual physiological and behavioral influences and their relevance to SIDS (Sudden Infant Death Syndrome). *Early Human Development*. 1994, 38:187-201.
- 2) Perlis, M.L., Giles, D.E., Fleming, G.M., Drummond, S.P.A., James, S.P. Sustained facial muscle activity during REM Sleep and its correlation depression. *Journal of Affective Disorders*. 1995, 35:163-71.
- 3) Richard, C., Mosko, S., McKenna, J., Drummond, S. Sleeping position, orientation, and proximity in bedsharing infants and mothers. *Sleep*. 1996, 19(9):685-90.
- 4) Mosko, S., Richard, C., McKenna, J., Drummond, S. Infant sleep architecture during bedsharing and possible implications for SIDS. *Sleep*. 1996, 19(9):677-84.
- 5) Perlis, M.L., Giles, D.E., Bootzin, R.R., Fleming, G.M., Drummond, S.P.A., Rose, M.W., Dikman, Z.V. Alpha sleep and information processing, perception of sleep, pain, and arousability in fibromyalgia. *International Journal of Neuroscience*. 1997, 89:265-80.
- 6) Mosko, S., Richard, C., McKenna, J., Drummond, S., Mukai, D. Maternal proximity and infant CO2 environment during bedsharing and possible implications for SIDS research. *American Journal of Physical Anthropology*. 1997, 103(3):315-28.
- 7) Drummond, S.P.A., Gillin, J.C., Smith, T.L., DeModena, A. The sleep of abstinent pure primary alcoholic patients: Natural course and relationship to relapse. *Alcoholism: Clinical and Experimental Research*. 1998, 22(8):1796-1802.
- 8) Drummond, S.P.A., Brown, G.G., Stricker, J.L., Buxton, R.B., Wong E.C., Gillin, J.C. Sleep deprivation induced reduction in cortical functional response to serial subtraction. *NeuroReport*. 1999, 10(18):3745-3748.
- 9) Drummond, S.P.A., Brown, G.G., Gillin, J.C., Stricker, J.L., Wong, E.C., Buxton, R.B. Altered brain response to verbal learning following sleep deprivation. *Nature*. 2000, 403:655-657.
- 10) Landolt, H.-P., Drummond, S.P.A., Clark, C.P., Irwin, M., Gillin, J.C. Alcohol and sleep. *Alcoscope International Review of Alcoholism Management*. 2000, 3(2):12-16.
- 11) Thorsteinsson, H.S. Gillin, J.C., Patten, C.A., Golshan, S., Sutton, L.D., Drummond, S. Clark, C.P., Kelsoe, J., Rapaport, M. The effects of transdermal nicotine therapy for smoking cessation on depressive symptoms in patients with major depression. *Neuropsychopharmacology*. 2001, 24(4): 350-358.
- 12) Drummond, S.P.A., Gillin, J.C., Brown, G.G. Increased cerebral response during a divided attention task following sleep deprivation. *Journal of Sleep Research*. 2001, 10(2): 85-92.

- 13) Drummond, S.P.A., Brown, G.G. The effects of total sleep deprivation on cerebral response to cognitive performance. *Neuropsychopharmacology*. 2001, 25(S5): S68-S73.
- 14) Drummond, S.P.A., Brown G.G., Salamat, J.S. Brain Regions Involved in Simple and Complex Grammatical Transformations. *NeuroReport*. 2003, 14(8):1117-1122.
- 15) Drummond, S.P.A., Smith, M.T., Orff, H.J., Chengazi, V., Perlis, M.L. Functional Imaging of the Sleeping Brain: Review of findings and implications for the study of insomnia. *Sleep Medicine Reviews*. 2004, 8(3):227-242.
- 16) Drummond, S.P.A., Brown, G.G., Salamat, J.S., Gillin, J.C. Increasing Task Difficulty Facilitates the Cerebral Compensatory Response to Total Sleep Deprivation. *SLEEP*. 2004, 27(3): 445-451.
- 17) Mednick, S.C., Drummond, S.P.A. Sleep: a prescription for insight? *INSOM*. 2004 3:26-29.
- 18) Drummond S.P.A., Bischoff-Grethe, A., Dinges, D.F., Ayalon, L., Mednick, C.M., Meloy, M.J. The Neural Basis of the Psychomotor Vigilance Task. *SLEEP* 2005 28(9):1059-1068.
- 19) Drummond, S.P.A., Meloy, M.J., Yanagi, M.A., Orff, H.J., Brown, G.G. Compensatory Recruitment after Sleep Deprivation and the Relationship with Performance. *Psychiatry Research Neuroimaging*. 2005 140(3):211-223.
- 20) Ayalon, L., Ancoli-Israel, S., Klemfuss, Z., Shalauta, M.D., Drummond, S.P.A. Increased Brain Activation During Verbal Learning in Obstructive Sleep Apnea. *Neuroimage*. 2006 31(4),1817-25.
- 21) Drummond, S.P.A., Paulus, M.P., Tapert, S.F. Effects of 2 Nights Sleep Deprivation and 2 Nights Recovery Sleep on Response Inhibition. *Journal of Sleep Research*. 2006 15(3):261-265.
- 22) Stricker, J.L., Brown, G.G., Wetherell, L.A., Drummond, S.P.A. Sleep Deprivation, Task Difficulty and Brain Connectivity: The Impact of Sleep Deprivation and Task Difficulty on Networks of fMRI Brain Response. *Journal of the International Neuropsychological Society*. 2006, 12: 591-597.
- 23) Clark, C.P., Brown, G.G., Eyler, L.T., Drummond, S.P.A., Braun, D.R., Tapert, S.F. Decreased Perfusion in Young Alcohol-Dependent Women as Compared with Age-Matched Controls. *The American Journal of Drug and Alcohol Abuse*. 2007, 33(1):13-19.
- 24) McKenna, B.S, Dickinson, D.L., Orff, H.J., Drummond, S.P.A. The Effects of 24 Hours of Sleep Deprivation on Risky and Ambiguous Decision Making. *Journal of Sleep Research*. 2007, 16:245-252.
- 25) Grander, M.A., Drummond, S.P.A. Who Are the Long Sleepers? Towards an Understanding of the Mortality Relationship. *Sleep Medicine Reviews*. 2007, 11:341-360.

- 26) Tapert, S.F., Schweinsburg, A.D., Drummond, S.P.A., Paulus, M.P., Brown, S.A., Yang, T.T., Frank, L.R. Functional MRI of Inhibitory Processing in Abstinent Adolescent Marijuana Users. *Psychopharmacology*. 2007, 194:173-183.
- 27) Turner, T.H., Drummond, S.P.A., Salamat, J.S., Brown, G.G. Effects of 42-hours Total Sleep Deprivation on Component Processes of Working Memory. *Neuropsychology*. 2007, 21(6) 787-795.
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