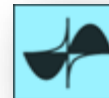


Newsletter



Volume 6, Number 1

January 2015



In This Issue –

| | |
|-------------------------------|-------------|
| From the President | p. 1 |
| Membership Drive | p. 3 |
| Research Spotlight | p. 4 |
| e-mail Policy | p. 5 |
| Jobs | p. 6 |
| Recently Funded Grants | p. 6 |

From the President

Dear SRBR Members:

I am honored to address you as President of the SRBR! As we approach the end 2014 I want to take a few minutes to recount the accomplishments of the SRBR over the last year and describe our plans for the coming year. Of course the most visible SRBR event in 2014 was the superb meeting in Big Sky Montana. The meeting had a record number of attendees who enjoyed scintillating training and scientific

sessions, incredible scenery, and the company of long time and newly minted chronobiologists. The meeting survey completed by attendees indicated that SRBR 2014 was a resounding success! Congratulations to Erik Herzog (Program Chair), Deb Bell-Pedersen (Fundraising Chair), Karen Gamble (Trainee Day and Junior Faculty Workshops Chair), and our outgoing president Carl Johnson and his Executive Board for making the meeting such a great success!

This year we also welcomed Bill Schwartz as the new Editor of the *Journal of Biological Rhythms*. It is comforting to know that *JBR* is in great hands after 13 years of exemplary (bordering on heroic) Editorial leadership by Marty Zatz. It is a pleasure to announce that the SRBR has been granted 501c-3 tax-exempt status by the US Internal Revenue Service. What this means is that donations to the SRBR are now tax deductible! This tax-exempt status should enhance the SRBRs ability to attract sponsorships and endowments for future meetings or other targeted projects. I want to thank our financial team of Paul Taghert (then Treasurer, now Comptroller) and Dave Weaver (former Comptroller) for their extraordinary efforts at making this a reality. The SRBR will also initiate a Distinguished Achievement Award program, which will honor chronobiologists for their broad contribution to the field in the areas of service, mentorship, or the development of subdisciplines. The first of these awards will be given at the 2016 SRBR meeting. Many thanks

to Carl Johnson and his Board of Directors and Executive Committee for their skillful management of SRBR affairs over the last two years. They will certainly be a hard act to follow!

Nevertheless, you have elected an amazing new Board of Directors who will continue the momentum gained over the last two years: President-Elect Carla Green, Secretary Samer Hattar, Treasurer John Hogenesch, and Members-at-Large Deb Bell-Pedersen, Achim Kramer and Takashi Yoshimura. As I announced at the Business Meeting and Closing Banquet at Big Sky, Nico Cermakian will be the Program Chair and Karen Gamble will be Trainee Day Chair for SRBR 2016. I am also happy to say that since the Big Sky meeting Erik Herzog has agreed to be the Fundraising Chair for the next SRBR meeting. Plans for SRBR 2016 are in the works, but no decisions about a meeting site have been made.

The new Board of Directors, along with the Executive Committee (Nico Cermakian, Karen Gamble, Bill Schwartz, Shelley Tischkau, and Carl Johnson) are moving forward with several new initiatives. The first of these is a complete redesign of the SRBR website, which will be visually appealing, easy to navigate, readily accessible from mobile devices, and integrated with popular social media forums. This redesign will provide unprecedented opportunities for communication among members and to the general public. The committee tasked with identifying a company to redesign and maintain our website is being chaired by Stacey Harmer, and includes John Hogenesch, Shelley Tischkau, Nico Cermakian, Eric Mintz and Brian Zoltowski. Another initiative we have undertaken is to solicit proposals from Society Management companies to serve as our corporate headquarters, manage membership registration, plan and execute the biennial

conference, and manage our finances. To identify the right Society Management firm for the SRBR I have appointed a committee comprised of Carla Green (Chair), Dave Weaver, Marina Antoch, Nico Cermakian and me. Finally, we have agreed to hold joint symposia with the Sleep Research Society over the next two years. The first will occur at the Association of Professional Sleep Societies meeting in 2015 and the second will occur at the 2016 SRBR meeting. These symposia will benefit the SRBR by promoting research on circadian clocks to sleep researchers and exposing SRBR members to cutting-edge sleep research, thus strengthening the ties between circadian clocks and sleep fields. If you have ideas about initiatives that will help the SRBR fulfill its mission (see <http://www.srbr.org/Pages/about.aspx>), we would be happy to hear from you.

This issue of the SRBR Newsletter will feature articles on the benefits of SRBR membership, a research spotlight on Hester Von Diepen, and information about recently funded research grant proposals. The article on the benefits of SRBR membership comes at a perfect time since the 2015 membership drive just launched a couple weeks ago. I encourage you to take a few minutes out of your busy work and holiday schedule to renew your membership in the SRBR at the same cost as it has been for the last 9 years! It is so quick and easy to renew your membership that you will have time to persuade your chronobiology colleagues and trainees to renew their memberships/become new members. I hope you enjoy reading our research spotlight, which is shining brightly on Hester Von Diepen, who is an SRBR 2014 Excellence Award winner from Johanna Meijer's lab at Leiden University. Finally, we should always celebrate when our hard fought battles to obtain grant funding are successful. Please join me in congratulating all our grant award recipients...Great Job!

I hope you take the time to read through the rest of this issue of the SRBR Newsletter. In future issues of the Newsletter I will update you on the status of the initiatives described above and any other new initiatives that are in process.

With best wishes for the holidays and a happy, healthy and productive 2015!

Paul Hardin
President, SRBR

2015 Membership Drive

Happy New Year! December 2014 marked the beginning of the membership renewal. 2014 was a banner year for SRBR in which reached a record number of members (605 in all!). Let's continue the momentum from 2014 into the new year! All current SRBR members are called to [RENEW](#) your SRBR membership for 2015. Better yet, renew your membership and ask other dedicated chronobiologists who are not currently members to join!

Membership dues are once again offered at \$100 for a Regular membership and \$50 for Trainee and Emeritus memberships. This will be the ninth year that membership dues have remained the same price! We have been able to hold the line on costs by operating SRBR as efficiently as possible, and will continue this tradition in 2015.

When you renew your membership you will be receiving an ever increasing number of benefits for your \$100 or \$50 investment that include:

- Membership in the pre-eminent society in biological clock research and thus important access to professional

- development opportunities in our field
- complimentary subscription to the *Journal of Biological Rhythms*, the most highly ranked journal in the field. This complimentary subscription includes the online version and optional print issues at no extra cost to you
- Trainee eligibility for trainee merit awards and travel fellowships for the SRBR meeting
- Connections to SRBR's outreach and consultations with a variety of organizations including grant agencies.
- Access to member-only features of the SRBR website, such as being able to post job opportunities.
- The SRBR Newsletter
- Supporting selected external events relevant to clocks that are sponsored by the SRBR, e.g. the Society for Neuroscience's *Datablitz* (at the annual SfN meeting) and international Summer ChronoSchoools.

Moreover, SRBR is looking for ways to enrich even more the experience of being an SRBR member by:

- Investigating new ways of representing its members in front of funding agencies, the general public, teaching institutions.
- Establishing new and more efficient channels of communication to provide important information to its members. For example, we are looking at ways to improve and add to the content of the newsletter, and the SRBR web site will soon be redesigned, with new functionalities and integration with social media.
- Initiating collaborations with other scientific societies.
- Looking for opportunities to support even more the next generation of chronobiologists via new opportunities for visibility and awards.

Remarkable progress has been made in the

field of Biological Rhythms, and the SRBR has contributed greatly to that success. With your help our society will continue its mission to promote biological rhythms research, enhance the education and training of future biological rhythm researchers, provide forums for the exchange of ideas among chronobiologists, foster communication with other disciplines, and disseminate important research discoveries. Please take this opportunity to renew your SRBR membership for 2015 at your earliest convenience via the SRBR website (<http://www.srbr.org>).

Research Spotlight

The Research spotlight in this issue highlights Hester van Diepen, a graduate student working with Johanna Meijer at Leiden University and winner of an SRBR Excellence award in 2014.



SRBR: Where did you grow up? Tell us about your family.

HVD: I grew up in Wageningen, a small town in the eastern part of the Netherlands. I lived together with my parents, two sisters and my brother. My siblings and I do not differ much in age and used to play a lot together. We still see each other very often.

SRBR: What are your hobbies?

HVD: Beach volleyball, ice-skating and running.

Although the weather in the Netherlands is not always great, it's a lot of fun to play beach volleyball on the Dutch beaches. In winter I prefer ice-skating, it's lovely when all the canals and lakes in the Netherlands are frozen!

SRBR: What is your favorite book?

HVD: "What is the What" by Dave Eggers. It's a beautiful story about the life of Valentino Deng who grew up as a refugee during the war in Sudan. It's a very sad and tragic autobiographic story but Valentino still recalls laughing with friends and keeps hope.

SRBR: What kind of music do you like?

HVD: I like to listen to various kinds of music, but my favourites are Anouk, Duffy and Adele.

SRBR: How did you get interested in Chronobiology?

HVD: As an undergraduate I went to a seminar of Johanna Meijer, my current PhD supervisor. I was not familiar with chronobiology at that time, but I was immediately interested. Johanna gave me the opportunity to do research in her lab as an undergraduate and I continued as a graduate student. I still enjoy it a lot, both in- and outside the lab. A few weeks ago I gave a talk in a local library to try to enthuse the general public as well.

SRBR: Tell us about your research.

HVD: I am about to finish my PhD project which I started four years ago in the lab of Johanna Meijer and in close collaboration with the lab of Russell Foster. The topic of my PhD is light signalling to the SCN. I tried to determine several factors affecting light sensitivity of the circadian system at the level of the retina and at the level of the SCN. I investigated the effects of various wavelengths of light on electrical activity of SCN neurons and tried to unravel the contribution of the different photoreceptors. In order to do this I performed

in vivo electrophysiological recordings in mice. I also focused on other factors and recently found an enhancing effect of caffeine on light sensitivity of the SCN.



The Meijer Lab

SRBR e-mail Distribution Policy

The SRBR receives frequent requests for e-mailing information to the membership from time to time. While we remain committed to keeping the membership informed about opportunities, we do not want to overburden the membership with too many messages. Therefore, the Executive Board has created a policy to govern the release of e-mails to the membership. Types of messages to that will be distributed to the SRBR membership:

1. Messages from the SRBR administration
2. Chronobiology-related job announcements
3. Chronobiology-related meeting or course announcements
4. Chronobiology-related resources (books, equipment, web resources)

Requests for communicating information to members will be classified in four categories:

Immediate: Announcements whose nature is

very time-sensitive and requires immediate or very rapid sending to the members. This applies mainly to communications from the SRBR administration, for issues related to the conference, elections, etc.

Monthly: Announcements whose nature is somewhat time-sensitive, such that they could not be held until the next SRBR newsletter. These messages will be sent to membership on a monthly basis on the third Wednesday of each month. It is expected that most announcements belonging to types 2-3-4 (above) will fall under this category.

Occasional: Announcements or communications whose nature is less time-sensitive, and thus, can wait until the next SRBR newsletter.

Not sent to members: Some announcements or communications may be judged to have not enough value for SRBR members to be part of messages or newsletters.

How to request that SRBR send a message to the membership:

1. The request must describe the benefit of the announcement/opportunity/resource to the SRBR membership.
2. Messages must contain text that describes the announcement/opportunity/resource and any attachments that will be included.
3. SRBR and SRBR contractors will not be responsible for writing or editing the content of messages.
4. Requests should be sent to the SRBR Administrative Coordinator and copied to the President.
5. Requests must be received at least 5 days

prior to the monthly membership e-mail to be considered for distribution in that e-mail, or 14 days prior to the distribution of a newsletter.

The SRBR President will approve all messages sent to the membership.

Jobs

Postdoctoral Positions in Circadian Rhythms– Carl Johnson Lab

Two postdoctoral positions are available Spring 2015. One position will study the adaptive significance and evolution of circadian properties in bacteria, including cyanobacteria and other bacteria. The other position will study the neurobiology and metabolism of circadian rhythms in mice and humans. Motivation and experience will be key factors in the recruitment process.

For more information about my laboratory, see our website:

<http://www.cas.vanderbilt.edu/johnsonlab/>.

Interested applicants should send a current CV including the names of three references to:
Dr. Carl Johnson at:
carl.h.johnson@vanderbilt.edu.

Congratulations!!!! Recently Funded Grants

The information was gathered by searching publicly available databases (for the period from July 2014 to December 2014). Thanks to Samer Hattar, Mary Harrington, Marina Antoch, and Megan Hastings Hagenauer for putting this segment together.

NIH

R01

PI: BASS, JOSEPH T. NORTHWESTERN UNIVERSITY
Title: INTERPLAY OF DIETARY LIPID AND CIRCADIAN DYSREGULATION IN METABOLIC SYNDROME
Agency/PO: NIDDKD/ SILVA, CORINNE M
Review Cmte: Integrative Nutrition and Metabolic Processes Study Section (INMP)

PI: BRADY, MATTHEW J. UNIVERSITY OF CHICAGO
Title: CIRCADIAN GENES AND ADIPOSE FUNCTION: IMPACT OF CHRONOTYPE, OBESITY AND RACE
Agency/PO: NIDDKD/ TEFF, KAREN L
Review Cmte: Clinical and Integrative Diabetes and Obesity Study Section (CIDO)

PI: CARLETON, KAREN L
UNIV OF MARYLAND, COLLEGE PARK
Title: EVOLUTIONARY MECHANISMS CONTROLLING OPSIN GENE EXPRESSION VARIATION
Agency/PO: NEI, NEUHOLD, LISA
Review Cmte: Genetic Variation and Evolution Study Section (GVE)

PI: CHANG, LIN UNIVERSITY OF MICHIGAN
Title: ESSENTIAL ROLE OF PERIVASCULAR ADIPOSE TISSUE IN BLOOD PRESSURE REGULATION
Agency/PO: NHLBI, GALIS, ZORINA S
Review Cmte: Hypertension and Microcirculation Study Section (HM)

PI: CHATHAM, JOHN C. UNIVERSITY OF ALABAMA AT BIRMINGHAM
Title: DISRUPTION OF THE CLOCK O-GLCNAC AXIS IN DIABETIC CARDIOMYOPATHY
Agency/PO: NHLBI/ WONG, RENEE P
Review Cmte: Myocardial Ischemia and Metabolism Study Section (MIM)

PI: CROWLEY MCWILLIAM, STEPHANIE. RUSH UNIVERSITY MEDICAL CENTER
Title: TEEN SCHOOL-NIGHT SLEEP EXTENSION: AN INTERVENTION TARGETING THE CIRCADIAN SYSTEM
Agency/PO: NHLBI/ TWERY, MICHAEL
Review Cmte: Biobehavioral Mechanisms of Emotion, Stress and Health Study Section (MESH)

PI: ESSER, KARYN ANN. UNIVERSITY OF KENTUCKY
Title: MOLECULAR CLOCK AND SKELETAL MUSCLE

WEAKNESS

Agency/PO: NIAMS/ BOYCE, AMANDA T.
Review Cmte: Skeletal Muscle and Exercise Physiology Study Section (SMEP)

PI: FIELD, GREGORY DARIN. UNIVERSITY OF SOUTHERN CALIFORNIA
Title: LIGHT ADAPTATION AND CIRCADIAN MODULATION OF PARALLEL PROCESSING IN RETINA
Agency/PO: NEI/ GREENWELL, THOMAS
Review Cmte: Neurotransmitters, Receptors, and Calcium Signaling Study Section (NTRC)

PI: GREEN, CARLA B. UT SOUTHWESTERN MEDICAL CENTER
Title: CIRCADIAN REGULATION OF MITOCHONDRIAL RNA POLYADENYLATION
Agency/PO: NIGMS/ SESMA, MICHAEL A.
Review Cmte: Cellular Signaling and Regulatory Systems Study Section (CSRS)

PI: HARVEY, ALLISON G UNIVERSITY OF CALIFORNIA BERKELEY
Title: A TRANSDIAGNOSTIC SLEEP AND CIRCADIAN TREATMENT TO IMPROVE COMMUNITY SMI OUTCOMES
Agency/PO: NIMH, RUDORFER, MATTHEW
Review Cmte: Nursing and Related Clinical Sciences Study Section (NRCS)

PI: IMAI, SHIN-ICHIRO WASHINGTON UNIVERSITY
Title: ENAMPT-MEDIATED ADIPO-HYPOTHALAMIC COMMUNICATION FOR NAD+ PRODUCTION AND AGING
Agency/PO: NIA, MACKIEWICZ, MIROSLAW
Review Cmte: Special Emphasis Panel (ZRG1-CB-C (04))

PI: LIU, PETER YIWEN
LA BIOMED RES INST/ HARBOR UCLA MED CTR
Title: HORMONAL MECHANISMS OF SLEEP RESTRICTION
Agency/PO: NHLBI, LAPOSKY, AARON D.
Review Cmte: Biobehavioral Mechanisms of Emotion, Stress and Health Study Section (MESH)

PI: MELTZER, LISA J NATIONAL JEWISH HEALTH
Title: DEFICIENT SLEEP LUNG FUNCTION, AND

FUNCTIONAL OUTCOMES IN ADOLESCENTS WITH ASTHMA

Agency/PO: NHLBI, LAPOSKY, AARON D.
Review Cmte: Biobehavioral Mechanisms of Emotion, Stress and Health Study Section (MESH)

PI: MUSTIAN, KAREN M. UNIVERSITY OF ROCHESTER
Title: YOGA VERSUS CBT-I FOR INSOMNIA IN CANCER SURVIVORS AND BIOBEHAVIORAL MECHANISMS
Agency/PO: NCI, O'MARA, ANN M.
Review Cmte: Special Emphasis Panel (ZCA1-RPRB-C (J2))

PI: NITABACH, MICHAEL N YALE UNIVERSITY
Title: SYNAPTIC MICROCIRCUITS CONTROLLING SLEEP
Agency/PO: NINDS, HE, JANET
Review Cmte: Special Emphasis Panel (ZRG1-MDCN-G (02))

PI: O'CONNELL, KRISTEN M UNIVERSITY OF TENNESSEE HEALTH SCI CTR
Title: MODULATION OF AGRP NEURONAL EXCITABILITY: ROLE OF DIET AND BODY WEIGHT
Agency/PO: NIDDK, HYDE, JAMES F
Review Cmte: Neuroendocrinology, Neuroimmunology, Rhythms and Sleep Study Section (NNRS)

PI: OBRIETAN, KARL H. OHIO STATE UNIVERSITY
Title: HIPPOCAMPAL CELLULAR RHYTHMS
Agency/PO: NIMH/ ASANUMA, CHIIKO
Review Cmte: Molecular Neurogenetics Study Section (MNG)

PI: PALESH, OXANA G STANFORD UNIVERSITY
Title: BRIEF BEHAVIORAL INTERVENTION FOR INSOMNIA DURING CHEMOTHERAPY
Agency/PO: NCI, O'MARA, ANN M.
Review Cmte: Special Emphasis Panel (ZRG1-RPHB-E (02))

PI: ROECKLEIN, KATHRYN A. UNIVERSITY OF PITTSBURGH AT PITTSBURGH

Title: MELANOPSIN PHOTSENSITIVITY AND PSYCHOPATHOLOGY

Agency/PO: NIMH/ MEINECKE, DOUGLAS L.

Review Cmte: Adult Psychopathology and Disorders of Aging Study Section (APDA)

PI: SAITO, MARIKO NATHAN S. KLINE
INSTITUTE FOR PSYCH RES

Title: LONG-LASTING CONSEQUENCES OF EARLY ETHANOL ON NETWORK ACTIVITY DURING SLEEP

Agency/PO: NIAAAA, GRANDISON, LINDSEY

Review Cmte: Neurotoxicology and Alcohol Study Section (NAL)

PI: SCHEER, FRANK A BRIGHAM AND
WOMEN'S HOSPITAL

Title: DEVELOPMENT OF COUNTERMEASURES AGAINST ADVERSE METABOLIC EFFECTS OF SHIFT WORK

Agency/PO: NHLBI, LAPOSKY, AARON D.

Review Cmte: Clinical and Integrative Diabetes and Obesity Study Section (CIDO)

PI: VEASEY, SIGRID C UNIVERSITY OF
PENNSYLVANIA

Title: SHIFT WORK SLEEP LOSS: LOCUS COERULEUS NEURON SENESCENCE AND DEGENERATION

Agency/PO: NHLBI, TWERY, MICHAEL

Review Cmte: Neuroendocrinology, Neuroimmunology, Rhythms and Sleep Study Section (NNRS)

PI: VOSSHALL, LESLIE B ROCKEFELLER
UNIVERSITY

Title: NEUROPEPTIDE REGULATION OF MOSQUITO HOST-SEEKING BEHAVIOR

Agency/PO: NIDCD, SULLIVAN, SUSAN L.

Review Cmte: Molecular Neurogenetics Study Section (MNG)

PI: WANG, XIAO ARIZONA STATE
UNIVERSITY-TEMPE CAMPUS

Title: FORWARD ENGINEERING TO UNDERSTAND GENE REGULATORY NETWORK TOPOLOGIES

Agency/PO: NIGMS, LYSTER, PETER

Review Cmte: Modeling and Analysis of Biological Systems Study Section (MABS)

PI: YOUNG, MARTIN ELLIOT. UNIVERSITY OF ALABAMA AT BIRMINGHAM

Title: CIRCADIAN REGULATION OF MYOCARDIAL INSULIN SIGNALING

Agency/PO: NHLBI/ WANG, LAN-HSIANG

Review Cmte: Cardiac Contractility, Hypertrophy, and Failure Study Section (CCHF)

R21

PI: BUCAN, MAJA, UNIVERSITY OF PENNSYLVANIA
Title: ACTIVITY AS AN ENDOPHENOTYPE FOR GENETIC STUDIES

Agency/PO: NIMH/ SENTHIL, GEETHA

Review Cmte: Behavioral Genetics and Epidemiology

PI: RUSSELL, WILLIAM E/ VANDERBILT UNIVERSITY
Title: HEPATOCYTE CLOCK GENES IN ALCOHOL AND HIGH FAT DIET - INDUCED LIVER INJURY

Agency/PO: NIAAAA/ RADAIEVA, SVETLANA

Review Cmte: Health Services Research Review Subcommittee

PI: HEITZEG, MARY M/UNIVERSITY OF MICHIGAN
Title: SLEEP HOMEOSTASIS AND NEURAL CIRCUITRY OF RISKY BEHAVIOR IN ADOLESCENTS

Agency/PO: NIAAAA / GRANDISON, LINDSEY

Review Cmte: Health Services Research Review Subcommittee

PI: ALLISON, KELLY C/ UNIVERSITY OF PENNSYLVANIA

Title: RANDOMIZED STUDY OF DAYTIME VS. DELAYED EATING: EFFECT ON WEIGHT AND METABOLISM

Agency/PO: NIDDKD/ MARUVADA, PADMA

Review Cmte: Psychosocial Risk and Disease Prevention Study Section (PRDP)

PI: CAI, LONG; CALIFORNIA INSTITUTE OF TECHNOLOGY

Title: PROBING THE CIRCADIAN CLOCK IN ZEBRAFISH LARVAE WITH IN SITU SINGLE CELL TRANSCRIPTION

Agency/PO: NIDA / POLLOCK, JONATHAN D

Review Cmte: Special Emphasis Panel [ZDA1-GXM-A

(09)]

PI: DUBOCOVICH, MARGARITA L. STATE UNIVERSITY OF NEW YORK AT BUFFALO

Title: ENVIRONMENTAL CIRCADIAN DISRUPTORS INCREASE DIABETES AND METABOLIC DISORDERS RISK

Agency/PO: NIEHS / HEINDEL, JERROLD

Review Cmte: Special Emphasis Panel [ZRG1-DKUS-C (90)]

PI: HASLER, BRANT P. UNIVERSITY OF PITTSBURGH AT PITTSBURGH

Title: CIRCADIAN ALIGNMENT, REWARD FUNCTION, AND ALCOHOL USE DURING LATE ADOLESCENCE

Agency/PO: NIAAAA/ REGUNATHAN, SOUNDAR

Review Cmte: Health Services Research Review Subcommittee

PI: LEE, KATHRYN, UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

Title: FATIGUE MANAGEMENT IN HIV: A SLEEP AND CIRCADIAN RHYTHM PILOT INTERVENTION

Agency/PO: NINR/ HARDY, LYNDIA R

Review Cmte: AIDS Clinical Studies and Epidemiology Study Section (ACE)

PI: PERREAU-LENZ, STEPHANIE, SRI INTERNATIONAL

Title: CASEIN KINASE 1, ALCOHOL ABUSE AND COMORBID SLEEP AND CIRCADIAN DISTURBANCES

Agency/PO: NIAAAA/ GRANDISON, LINDSEY

Review Cmte: Health Services Research Review Subcommittee

PI: WEAVER, DAVID RAYMOND, UNIV OF MASSACHUSETTS MED SCH WORCESTER

Title: CONSEQUENCES OF CIRCADIAN DESYNCHRONY

Agency/PO: NIEHS/ REINLIB, LESLIE J.

Review Cmte: Neuroendocrinology, Neuroimmunology, Rhythms and Sleep Study Section (NNRS)

PI: WEIHUA, ZHANG, UNIVERSITY OF HOUSTON

Title: PER1 REGULATED SGLT1 EXPRESSION IN THE PATHOGENESIS OF BPH DURING AGING

Agency/PO: NIA/ MURTHY, MAHADEV

Review Cmte: Special Emphasis Panel [ZRG1-UGPP-

G (08)]

R15

PI: ZOLTOWSKI, BRIAN DAVID. SOUTHERN METHODIST UNIVERSITY

Title: PROTEIN:PROTEIN INTERACTION NETWORKS IN THE CIRCADIAN CLOCK

Agency/PO: NIGMS/ WEHRLE, JANNA P.

Review Cmte: Biochemistry and Biophysics of Membranes Study Section (BBM)

NSF:

PI: Sy-Miin Chow - Pennsylvania State Univ University Park

Title: Developing Dynamic Tools for Analyzing Irregularly Spaced Longitudinal Affect Data

PO/organization/program: SES/Cheryl L. Eavey/METHOD, MEASURE & STATS

PI: Andrew Bass, Co-PI: Ni Feng - Cornell University

Title: DISSERTATION RESEARCH: Melatonin Regulation of Vocal Behavior

PO/organization/program:IOS/Tamra

Mendelson/ANIMAL BEHAVIOR

PI: Michael Siegel, Co-PIs: Amitabha Bose, Cyrill Muratov - New Jersey Institute of Technology

Title: Conference on Frontiers in Applied and Computational Mathematics 2014, May 22 - 23, 2014

PO/organization/program: DMS/Victor Roytburd/APPLIED MATHEMATICS, MATHEMATICAL BIOLOGY

PI: Casey Diekman - New Jersey Institute of Technology

Title: Modeling Circadian Clock Mechanisms from Synapse to Gene

PO/organization/program: DMS/Mary Ann Horn/MATHEMATICAL BIOLOGY, MSPA-INTERDISCIPLINARY, CROSS-EF ACTIVITIES, ORGANIZATION

PI: Esther Angert - Cornell University

Title: Exploring Circadian Cycles in Intestinal Firmicutes

PO/organization/program: IOS/Liliana Jaso-Friedmann/SYMBIOSIS DEF & SELF RECOG

PI: Martha Gillette - University of Illinois at Urbana-Champaign

Title: Regulation of SCN Glial Plasticity
PO/organization/program:IOS/Edda (Floh) Thiels/MODULATION

PI: Jimmy Xu - Brown University
Title: PFI:BIC A Wireless Networked Biophilic Lighting System for the Delivery of Lighting for Enhancing Secondary School Student Performance
PO/organization/program: IIP/Sara B. Nerlove/PARTNRSHPIS FOR INNOVATION-PFI

PI: R. David Britt, Co-PI: Neville Luhmann - University of California-Davis
Title: MRI: Development of a 260 GHz Pulse EPR/DEER Spectrometer
PO/organization/program: CHE/Carlos A. Murillo/MAJOR RESEARCH INSTRUMENTATION, CHEMICAL INSTRUMENTATION

PI: Orie Shafer - University of Michigan Ann Arbor
Title: Mechanisms of Circadian Clock Network Output
PO/organization/program: IOS/Edda (Floh) Thiels/MODULATION

PI: Karl Obrietan, Co-PI: Randy Nelson - Ohio State University
Title: Circadain clock hierarchy and cognition
PO/organization/program: IOS/Edda (Floh) Thiels/MODULATION

PI: Gurol Suel - University of California-San Diego
Title: EAGER: Response individuality in collectively oscillating biofilms
PO/organization/program: MCB/Susanne von Bodman/Systems and Synthetic Biology

PI: Victoria Booth - University of Michigan Ann Arbor
Title: Collaborative Research: Multiscale Modeling

of the Physiological Interactions Between Sleep/Wake and Circadian Systems

PO/organization/program: DMS/Mary Ann Horn/MATHEMATICAL BIOLOGY

PI: Cecilia Diniz Behn - Colorado School of Mines
Title: Collaborative research: Multiscale modeling of the physiological interactions between sleep and circadian systems

PO/organization/program: DMS/Mary Ann Horn /MATHEMATICAL BIOLOGY

PI: Martha Gillette, Co-PIs: Jonathan Sweedler, John Rogers, Gabriel Popescu - University of Illinois at Urbana-Champaign

Title: BRAIN EAGER: Multiscale dynamics and emergent properties of suprachiasmatic circuits in real time

PO/organization/program: DBI/Christopher Sanford/NSTRUMENTAT & INSTRUMENT DEVP, ACTIVATION

Canadian Institutes of Health Research, Canada

PI: BOIVIN, DIANE B – DOUGLAS HOSPITAL RESEARCH CENTRE

CO-PI: CERMAKIAN, NICOLAS – DOUGLAS HOSPITAL RESEARCH CENTRE

Title: PHARMACOLOGICAL INTERVENTIONS TO TREAT CIRCADIAN DISRUPTION

Agency/PO: CIHR, Neurosciences, Mental Health and Addiction

Review Cmte: BSB BEHAVIOURAL SCIENCES - B

Natural Science and Engineering Research Council, Canada

None