

# CURRICULUM VITAE

University of Pittsburgh

School of Medicine

## BIOGRAPHICAL INFORMATION

**Name:** Brant P. Hasler, Ph.D.

**Business Address:** Western Psychiatric Hospital  
3811 O'Hara Street, E-1127  
Pittsburgh, PA 15213

**Email:** haslerbp@upmc.edu

**Business Phone:** (412) 246-6413

## EDUCATION AND TRAINING

### UNDERGRADUATE

1990-1994	Wesleyan University, Middletown, CT	B.A., 1994	Neuroscience and Behavior
-----------	--	------------	------------------------------

### GRADUATE

1998-1999	Oregon Health and Science University, Portland, Oregon		Neuroscience Graduate Program
-----------	---	--	----------------------------------

2002-2005	University of Arizona, Tucson, Arizona	M.A., 2005 <i>Thesis:</i> The Course of Mood Following Sleep Deprivation in Depressed Individuals	Clinical Psychology Major Richard R. Bootzin, Ph.D.
-----------	---	---	--

2005-2009	University of Arizona, Tucson, Arizona	Ph.D., 2009 <i>Dissertation:</i> Diurnal Rhythms in Co- Sleeping Couples	Clinical Psychology Major Richard R. Bootzin, Ph.D.
-----------	---	---	--

### POST-GRADUATE

2003	Sleep Research Laboratory, Department of Psychology, University of Arizona, Tucson, AZ	Graduate Research Assistant	Clinical Psychology Program
------	---	--------------------------------	--------------------------------

2004-2008	Family Research Laboratory, Department of Psychology, University of Arizona, Tucson, AZ	Graduate Research Assistant & Lab Manager	Clinical Psychology Program
-----------	--	---	--------------------------------

2008-2009	Western Psychiatric Institute and Clinic, Pittsburgh, PA	Clinical Psychology Internship	Jill Cyranowski, Ph.D. Melissa Kalarchian, Ph.D.
-----------	--	-----------------------------------	---

2009-2012	University of Pittsburgh School of Medicine, Department of Psychiatry, Pittsburgh, PA	Postdoctoral Research Fellowship	Translational Research Training in Sleep Medicine (T32) Daniel J. Buysse, M.D. Anne Germain, Ph.D.
-----------	--	-------------------------------------	--

## APPOINTMENTS AND POSITIONS

1993	Behavioral Neurobiology Laboratory, Wesleyan University, Middletown, CT	Research Assistant
1995-1998	Pharmacology and Pharmacokinetics Departments, Alkermes, Inc., Cambridge, MA	Research Associate I-II
1999-2000	Blood-Brain Barrier Program, Oregon Health & Science University/Veteran Affairs Medical Center, Portland, OR	Research Laboratory Technician
2000-2002	Sleep and Mood Disorders Laboratory, Psychiatry Department, Oregon Health & Science University, Portland, OR	Senior Research Assistant
8/2012-9/2019	Psychiatry Department, University of Pittsburgh School of Medicine, Pittsburgh, PA	Assistant Professor ( <i>entered tenure stream in 2018</i> )
2012-present	Behavioral Sleep Medicine Training Program, University of Pittsburgh Sleep and Chronobiology Center, Pittsburgh, PA	Director
7/2015-9/2019	Clinical and Translational Science Institute, University of Pittsburgh, Pittsburgh, PA	Assistant Professor (secondary appointment)
2016-9/2019	Psychology Department, University of Pittsburgh, Pittsburgh, PA	Assistant Professor (secondary appointment)
10/2019-present	Psychiatry Department, University of Pittsburgh School of Medicine, Pittsburgh, PA	Associate Professor
10/2019-present	Psychology Department, University of Pittsburgh, Pittsburgh, PA	Associate Professor (secondary appointment)
10/2019-present	Clinical and Translational Science Institute, University of Pittsburgh, Pittsburgh, PA	Associate Professor (secondary appointment)
4/2022-present	Psychiatry Department, University of Pittsburgh School of Medicine, Pittsburgh, PA	Associate Professor with Tenure

## CERTIFICATION and LICENSURE

### Specialty Certification:

American Board of Sleep Medicine – Behavioral Sleep Medicine Certification      2012

Society of Behavioral Sleep Medicine – Diplomate in Behavioral Sleep Medicine      2019

### Psychology Licensure:

<i>State</i>	<i>Number</i>	<i>Issue Date</i>	<i>Last Registration Date</i>	<i>Expiration Date</i>
Pennsylvania	PS017091	09.23.2011	11.2021	11.30.2023

**NPI:** 1952655722

## MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Association for Psychological Science	2005-
Research Society on Alcoholism	2011-

Sleep Research Society	2003-
Society for Research on Biological Rhythms	2010-
Society for a Science of Clinical Psychology	2005-2015
Society of Behavioral Sleep Medicine	2010-

## HONORS AND AWARDS

Pre-doctoral Research Grant, Social and Behavioral Sciences Research Institute, University of Arizona.	2003
Merit Based Trainee Travel Award, Sleep Research Society.	2005
Honorable Mention Abstract Award, Sleep Research Society.	2006
Dissertation Grant Award, Society for a Science of Clinical Psychology.	2007
Dissertation Research Grant, Social and Behavioral Sciences Research Institute, University of Arizona.	2007
Dissertation Research Award, American Psychological Association.	2007
Abstract Excellence Award, Sleep Research Society.	2009
Departmental nominee for the James McKeen Cattell Award for Outstanding Doctoral Dissertation in Psychology – selected by University of Arizona Psychology Department	2009
NIH Clinical Loan Repayment Program Awardee, National Institute of Mental Health.	2010
Meritorious Abstract Award, Sleep Research Society.	2011
3T Pilot Scanning Program Awardee, Western Psychiatric Institute and Clinic.	2011
NIDA-funded Travel Award to 2012 Joint Meeting on Adolescent Treatment Effectiveness	2012
American Academy of Sleep Medicine's Young Investigator Research Forum (declined)	2012
Meritorious Abstract Award, Sleep Research Society.	2012
Junior Investigator Award, Research Society on Alcoholism.	2012
Outstanding Poster Presentation, Postdoctoral Fellows Category, Western Psychiatric Institute and Clinic 12 <sup>th</sup> Annual Research Day	2012
NIH Clinical Loan Repayment Program Awardee, National Institute of Drug Abuse	2012
NIH Clinical Loan Repayment Program Awardee, National Center for Advancing Translational Sciences	2014
Travel Award to 2015 Science of Change—NIAAA-sponsored conference on Neuroimaging Mechanisms of Change in Psychotherapy for Addictive Behaviors	2015
Early Career Travel Award to NIH-sponsored "Workshop on Implementation of Sleep and Circadian Science" organized in conjunction with the Sleep Research Society	2015
NIH Clinical Loan Repayment Program Awardee, National Institute of Drug Abuse	2015
Travel Award to 2015 Annual Meeting of the Sleep Research Network	2015
Philip Troen, MD, Excellence in Medical Student Research Mentoring Award	2017
Award for Exemplary Service, Clinical Psychology Internship Training Program, Western Psychiatric Institute and Clinic	2017
Mentor-Mentee Award, Sleep Research Society ( <i>I served as Mentor for Cara Palmer, PhD; University of Houston</i> )	2018
Mentor-Mentee Award, Sleep Research Society ( <i>I served as Mentor for Misol Kwon, RN, PhD(c); University of Buffalo School of Nursing</i> )	2021
Top Reviewers for 2020, journal <i>SLEEP</i> , Sleep Research Society	2021
Reviewers of the Year, Research Review Committee, Department of Psychiatry, University of Pittsburgh School of Medicine	2021

## PEER-REVIEWED PUBLICATIONS

1. Dean RL, Emerich DF, **Hasler BP**, Bartus RT. Cereport (RMP-7) increases carboplatin levels in brain tumors after pretreatment with dexamethasone. *Neuro-Oncology*, 1(4), 268-74, 1999.
2. Emerich DF, Snodgrass P, Dean R, Agostino M, **Hasler B**, Pink M, Xiong H, Kim BS, Bartus RT. Enhanced delivery of carboplatin into brain tumours with intravenous Cereport (RMP-7): dramatic differences and insight gained from dosing parameters. *British Journal of Cancer*. 80(7), 964-70, 1999.
3. Emerich DF, Winn SR, Hu Y, Marsh J, Snodgrass P, LaFreniere D, Wiens T, **Hasler BP**, Bartus RT. Injectable chemotherapeutic microspheres and glioma I: enhanced survival following implantation into the cavity wall of debulked tumors. *Pharmaceutical Research*, 17(7), 767-75, 2000.
4. Emerich DF, Dean RL, Snodgrass P, Lafreniere D, Agostino M, Wiens T, Xiong H, **Hasler B**, Marsh J, Pink M, Kim BS, Perdomo B, Bartus RT. Bradykinin modulation of tumor vasculature: II. Activation of nitric oxide and phospholipase A2/prostaglandin signaling pathways synergistically modifies vascular physiology and morphology to enhance delivery of chemotherapeutic agents to tumors. *Journal of Pharmacology & Experimental Therapeutics*, 296(2), 632-41, 2001.
5. Emerich DF, Snodgrass P, Dean RL, Lafreniere D, Agostino M, Wiens T, Xiong H, **Hasler B**, Marsh J, Pink M, Kim BS, Bartus RT. Bradykinin modulation of tumor vasculature: I. Activation of B2 receptors increases delivery of chemotherapeutic agents into solid peripheral tumors, enhancing their efficacy. *Journal of Pharmacology & Experimental Therapeutics*. 296(2), 623-31, 2001.
6. Neuwelt EA, Pagel MA, **Hasler BP**, Deloughery TG, Muldoon LL. Therapeutic efficacy of aortic administration of N-acetylcysteine as a chemoprotectant against bone marrow toxicity after intracarotid administration of alkylators, with or without glutathione depletion in a rat model. *Cancer Research*, 61(21), 7868-7874, 2001.
7. Lewy AJ, Bauer VK, **Hasler BP**, Kendall AR, Pires MLN, Sack RL. Capturing the circadian rhythms of free-running blind people with 0.5 mg melatonin. *Brain Research*, 918(1-2), 96-100, 2001.
8. Lewy AJ, **Hasler BP**, Emens JS, Sack RL. Pretreatment circadian period in free-running blind people may predict the phase angle of entrainment to melatonin. *Neuroscience Letters*, 313(3), 158-160, 2001.
9. Lewy AJ, Emens JS, Sack RL, **Hasler BP**, Bernert RA. Low, but not high, doses of melatonin entrained a free-running blind person with a long circadian period. *Chronobiology International*, 19(3), 649-658, 2002.
10. Lewy AJ, Emens JS, Sack RL, **Hasler B**, Bernert RA. Zeitgeber hierarchy in humans: resetting the circadian phase positions of blind people using melatonin. *Chronobiology International*, 20(5), 837-852, 2003.
11. **Hasler BP**, Bootzin RR, Cousins JC, Fridel K, Wenk GL. Circadian phase in sleep-disturbed adolescents with a history of substance abuse. *Behavioral Sleep Medicine*, 6(1), 55-73, 2008.
12. **Hasler BP**, Mehl MR, Bootzin RR, Vazire S. Preliminary evidence of diurnal rhythms in everyday behaviors associated with positive affect. *Journal of Research in Personality*, 42(6), 1537-1546, 2008.
13. Rohrbaugh MJ, Shoham V, Butler EA, **Hasler BP**, Berman JS. Affective synchrony in dual- and single-smoker couples: Further evidence of "symptom-system fit"? *Family Process*, 48(1), 55-67, 2009. PMID: PMC2774814.
14. **Hasler BP**, Allen JJB, Sbarra DA, Bootzin RR, Bernert RA. Morningness-eveningness and depression: Preliminary evidence for the role of BAS and positive affect. *Psychiatry Research*, 176, 166-173, 2010. PMID: PMC2844473.
15. Britton WB, Bootzin, RR, Cousins JC, **Hasler BP**, Peck T, Shapiro SL. The contribution of mindfulness practice to a multi-component behavioral sleep intervention following substance abuse treatment in adolescents: A treatment development study. *Substance Abuse*, 31(2), 86-97, 2010. †
16. **Hasler BP**, Buysse DJ, Kupfer DJ, Germain A. Phase relationships between core body temperature, melatonin, and sleep are associated with depression severity: Further evidence for circadian misalignment in non-seasonal depression. *Psychiatry Research*, 178(1), 205-207, 2010. PMID: PMC2914120.

17. **Hasler BP**, Troxel WM. Couples' nighttime sleep efficiency and concordance: Evidence for bidirectional associations with daytime relationship functioning. *Psychosomatic Medicine*, 72(8), 794-801, 2010. PMID: PMC2950886.
18. Soreca I, Wallace ML, Frank E, **Hasler BP**, Levenson J, Kupfer DJ. Sleep duration is associated with dyslipidemia in patients with bipolar disorder in clinical remission. *Journal of Affective Disorders*, 141, 484-487, 2012. PMID: PMC3612347
19. **Hasler BP**, Germain A, Nofzinger EA, Kupfer DJ, Krafty RT, Rothenberger SD, James JA, Bi W, Buysse DJ. Chronotype and diurnal patterns of positive affect and affective neural circuitry in primary insomnia. *Journal of Sleep Research*, 21, 515-526, 2012. PMID: PMC3371278
20. Roecklein KA, Wong PM, Franzen PL, **Hasler BP**, Wood-Vasey WM, Nimgaonkar VL, Miller MA, Ferrell RE, Manuck SB. Melanopsin gene variations interact with season to predict sleep timing and chronotype. *Chronobiology International*, 29, 1036-1047, 2012. PMID: PMC3724237
21. Velo J, Stewart JL, **Hasler BP**, Towers DN, Allen JJB. Should it matter when we record? Time of year and time of day as factors influencing frontal EEG asymmetry. *Biological Psychology*, 91, 283-291, 2012. PMID: PMC3530616
22. **Hasler BP**, Dahl RE, Holm SM, Jakubcak JL, Ryan ND, Silk JS, Phillips ML, Forbes EE. Weekend-weekday advances in sleep timing are associated with altered reward-related brain function in healthy adolescents. *Biological Psychology*, 91, 334-341, 2012. PMID: PMC3490026
23. Roecklein KA, Carney CE, Wong PM, Steiner JL, **Hasler BP**, Franzen PL. The role of beliefs and attitudes about sleep in seasonal and nonseasonal mood disorder, and nondepressed controls. *Journal of Affective Disorders*, 150, 466-473, 2013. PMID: PMC3968775
24. **Hasler BP**, Insana SP, James JA, Germain A. Evening-type military veterans report worse lifetime posttraumatic stress symptoms and greater brainstem activity across wakefulness and REM sleep. *Biological Psychology*, 94, 255-252, 2013. PMID: PMC3797161
25. **Hasler BP**, Sitnick SL, Shaw DS, Forbes EE. An altered neural response to reward may contribute to alcohol problems among late adolescents with an evening chronotype. *Psychiatry Research: Neuroimaging*, 214, 357-364, 2013. PMID: PMC3852171
26. Frank E, Sidor MM, Gamble KL, Cirelli C, Sharkey KM, Hoyle N, Tikotzky L, Talbot LS, McCarthy MJ, **Hasler BP**. Circadian clocks, brain function, and development. *Annals of the NY Academy of Sciences*. 1306, 43-67, 2013. PMID: 24329517
27. **Hasler BP**, Martin CS, Wood DS, Rosario B, Clark DB. A longitudinal study of insomnia and other sleep complaints in adolescents with and without alcohol use disorders. *Alcoholism: Clinical and Experimental Research*, 38, 2225-2233, 2014. PMID: PMC4146702
28. **Hasler BP**, Forbes EE, Franzen PL. Time-of-day differences and short-term stability of the neural response to monetary reward: A pilot study. *Psychiatry Research: Neuroimaging*, 224, 22-27, 2014. PMID: PMC4157087
29. Frank E, Wallace ML, Hall M, **Hasler B**, Levenson L, Janney CA, Soreca I, Fleming MC, Battenfield J, Ritchey FC, Kupfer DJ. An integrated risk reduction intervention can reduce body mass index in individuals being treated for bipolar disorder. *Bipolar Disorders*, 17, 424-43, 2015. PMID: PMC4458204
30. Gunn HE, Buysse DJ, **Hasler BP**, Begley A, Troxel WM. Sleep concordance in couples is associated with relationship characteristics. *Sleep*, 38, 933-939, 2015. PMID: PMC4434560
31. Miller MA, Rothenberger SD, **Hasler BP**, Donofry SD, Wong PM, Manuck SB, Kamarck KA, Roecklein KA. Chronotype predicts positive affect rhythms measured by ecological momentary assessment. *Chronobiology International*, 32, 376-384, 2015. PMID: PMC4458846
32. Brown SA, Brumback T, Tomlinson K, Cummins K, Thompson WK, Nagel BJ, De Bellis MD, Hooper SR, Clark DB, Chung T, **Hasler BP**, Colrain IM, Baker FB, Prouty D, Pfefferbaum A, Sullivan EV, Pohl KM, Rohlfing T, Nichols BN, Chu W & Tapert SF. The National Consortium on Alcohol and

- NeuroDevelopment in Adolescence (NCANDA): A multi-site study of adolescent development and substance use. *Journal of Studies on Alcohol and Drugs*, 76, 895-908, 2015. PMID: PMC4712659
33. Taylor BJ, Matthews KA, **Hasler BP**, Roecklein KA, Kline CE, Buysse DJ, Kravitz HM, Tiani AG, Harlow SD, Hall MH. Bedtime variability and metabolic health in midlife women: The SWAN sleep study. *SLEEP*, 39, 457-465, 2016. PMID: PMC4712396
  34. Wong PM, **Hasler BP**, Kamarck TW, Muldoon MF, Manuck SB. Social jetlag, chronotype, and cardiometabolic risk. *The Journal of Clinical Endocrinology & Metabolism*, 100, 4612-4620, 2015. PMID: PMC4667156
  35. Wilckens KA, Aizenstein H, Nofzinger EA, James JA, **Hasler BP**, Rosario-Rivera BL, Franzen P, Germain A, Hall MH, Kupfer DJ, Price JC, Siegle GJ, Buysse DJ. The role of non-rapid eye movement slow-wave activity in prefrontal metabolism across young and middle age adults. *Journal of Sleep Research*, 25, 296-306, 2016. PMID: PMC5354539
  36. **Hasler BP**, Buysse DJ, Germain A. Shifts towards morningness in response to behavioral sleep treatment are associated with improvements in depression, positive affect, and sleep quality. *Behavioral Sleep Medicine*, 14, 624-635, 2016. PMID: PMC4867300
  37. **Hasler BP**, Kirisci L, Clark DB. Restless sleep and variable sleep timing during late childhood accelerate the onset of alcohol and other drug involvement. *Journal of Studies on Alcohol and Drugs*, 77, 649-655, 2016. PMID: PMC4987074
  38. Soreca I, Wallace ML, Hall MA, **Hasler BP**, Frank E, Kupfer DJ. The association between meal timing and frequency with cardiometabolic profile in patients with bipolar disorder. *Acta Psychiatrica Scandinavica*, 133, 453-458, 2016. PMID: 27084394
  39. Baker FC, Willoughby AR, de Zambotti M, Franzen PL, Prouty D, Javitz H, **Hasler B**, Clark DB, Colrain IM. Age-related differences in sleep architecture and electroencephalogram in adolescents in the NCANDA sample. *SLEEP*, 39, 1429-1439, 2016. PMID: PMC4909625
  40. \*Kay DB, Karim HT, Soehner AM, **Hasler BP**, Wilckens KA, James JA, Aizenstein HJ, Price JC, Rosario BL, Kupfer DJ, Germain A, Hall MH, Franzen P, Nofzinger E, Buysse DJ. Sleep-wake differences in relative regional cerebral metabolic rate for glucose among patients with insomnia compared to good sleepers. *SLEEP*, 39, 1779-1794, 2016. PMID: PMC5020360
  41. \*Mike T, Sitnick SL, Shaw DS, Forbes EE, **Hasler BP\*\***. The hazards of bad sleep: Sleep duration and quality as predictors of adolescent alcohol and cannabis use. *Drug and Alcohol Dependence*, 168, 335-339, 2016. PMID: PMC5086262
  42. **Hasler BP**, Casement MD, Sitnick SL, Shaw DS, Forbes EE. Eveningness among late adolescent males predicts neural reactivity to reward and alcohol dependence two years later. *Behavioural Brain Research*, 327, 112-120, 2017. PMID: PMC5483989
  43. **Hasler BP**, Franzen PL, de Zambotti M, Prouty D, Brown SA, Tapert SF, Pfefferbaum A, Pohl KM, Sullivan EV, DeBellis MD, Nagel BJ, Colrain IM, Baker FC, Clark DB. Eveningness and later sleep timing are associated with greater risk for alcohol and marijuana involvement: Initial findings from the NCANDA study. *Alcoholism: Clinical and Experimental Research*, 41, 1154-1165, 2017. PMID: PMC5488322
  44. \*Kay DB, Karim HT, Soehner AM, **Hasler BP**, James JA, Germain A, Hall MH, Franzen PL, Price JC, Nofzinger EA, Buysse DB. Subjective-objective sleep discrepancy is associated with alterations in regional glucose metabolism in patients with insomnia and good sleeper controls. *SLEEP*, 40, zsx155, 2017. PMID: PMC5819841
  45. Goldstone A, Willoughby AR, de Zambotti M, Franzen PL, Pohl KM, Pfefferbaum A, Sullivan EV, Mueller-Oehring E, Prouty D, **Hasler B**, Clark DB, Colrain IM, Baker FC. The mediating role of cortical thickness and gray matter volume on sleep slow wave activity during adolescence. *Brain Structure and Function*, 223, 669-685, 2018. PMID: PMC5828920.
  46. Clark DB, Chung T, Martin CS, **Hasler B**, Fitzgerald D, Luna B, Brown SA, Tapert SF, Brumback T, Cummins K, Pfefferbaum A, Sullivan EV, Pohl KM, Colrain I, Baker FC, De Bellis MD, Nooner KB, Nagel BJ. Adolescent executive dysfunction in daily life: Relationships to risks, brain structure and

- substance use. *Frontiers in Behavioral Neuroscience*, 11, 223, 2017. PMID: PMC5694208
47. Smagula SF, DuPont CM, Miller MA, Krafty RT, **Hasler BP**, Franzen PL, Roecklein KA. Rest-activity rhythms characteristics and seasonal changes in seasonal affective disorder. *Chronobiology International*, 35, 1553-1559, 2018. PMID: PMC6251735
  48. Lebensohn-Chialvo F, Rohrbaugh MJ, **Hasler BP**, Shoham V. Fidelity failures in family therapy for adolescent drug abuse: A clinical analysis. *Family Process*, 58, 305-317, 2019. PMID: PMC6531342
  49. Goldstone A, Willoughby AR, de Zambotti M, Clark DB, Sullivan EV, **Hasler BP**, Franzen PL, Prouty DE, Colrain IM, Baker FC. Sleep spindle characteristics in adolescents. *Clinical Neurophysiology*, 130, 893-902. PMID: PMC6684236
  50. **Hasler BP**, Bruce S, Scharf D, Clark DB. Circadian misalignment and weekend alcohol use in late adolescent drinkers: Preliminary evidence. *Chronobiology International*, 36, 796-810, 2019. PMID: PMC6499627
  51. **Hasler BP**, White SJ, Wallace ML, Molina B, Pedersen SL. Preliminary evidence that real world sleep timing and duration are associated with laboratory-assessed alcohol response. *Alcoholism: Clinical and Experimental Research*, 43, 1575-1584, 2019. PMID: PMC7493816
  52. Kay DB, Karim HT, **Hasler BP**, James JA, Hall MH, Franzen PL, Price JC, Nofzinger EA, Buysse DB. Impact of acute sleep restriction on cerebral glucose metabolism during recovery non-rapid eye movement sleep among individuals with primary insomnia and good sleeper controls. *Sleep Medicine*, 55, 81-91, 2019. PMID: PMC8232888
  53. Smagula SF, **Hasler B**, Schulz R, Graves JL, Reynolds CF, Aizenstein HJ, Buysse DJ, Krafty RT, Hall MH. Activity patterns related to depression symptoms in stressed dementia caregivers. *International Psychogeriatrics*, 2019. (Online ahead of print) PMID: PMC7188574
  54. Goldstone A, Javitz HS, Claudatos SA, Buysse DJ, **Hasler BP**, Clark DB, Franzen PL, de Zambotti M, Prouty DE, Colrain IM, Baker FC. Sleep disturbance predicts depression symptoms in early adolescence: Initial Findings from the Adolescent Brain Cognitive Development Study. *Journal of Adolescent Health*, 66, 567-574, 2020. PMID: PMC7183901
  55. Taylor BJ, Bowman MA, Brindle A, **Hasler BP**, Roecklein KA, Krafty RT, Matthews KA, Hall MH. Evening chronotype, alcohol use disorder severity, and emotion regulation in college students. *Chronobiology International*, 37, 1725-1735, 2020. (PMID: 32791860, PMID: in process)
  56. \*Hisler GC, **Hasler BP**, Franzen PL, Clark DB, Twenge JM. Screen media use and sleep disturbance symptom severity in children. *Sleep Health*, 6, 731-742, 2020. (PMID: 32861729, PMID: in process)
  57. \*Hisler GC, Rothenberger SD, Clark DB, **Hasler BP\*\***. Is there a 24-hour rhythm in alcohol craving and does it vary by sleep/circadian timing? *Chronobiology International*, 38, 109-121, 2021. PMID: PMC7855555
  58. \*Wong PM, **Hasler BP**, Kamarck TW, Wright AGC, Hall ML, Carskadon MA, Gao L, Manuck SB. Day-to-day associations between sleep characteristics and affect in healthy adults. *Journal of Sleep Research*, 30, e13297, 2021. PMID: PMC8637582
  59. Aguinaldo L, Goldstone A, **Hasler BP**, Brent D, Jacobus J. Preliminary Analysis of Low-Level Alcohol Use and Suicidality with Children in the Adolescent Brain and Cognitive Development (ABCD) Baseline Cohort. *Psychiatry Research*, 299, 11382, 2021. PMID: PMC8224175
  60. **Hasler BP**, Soehner AM, Wallace ML, Logan RW, Ngari W, Forbes EE, Buysse DJ, Clark DB. Experimentally-imposed circadian misalignment alters the neural response to monetary rewards and response inhibition in healthy adolescents. *Psychological Medicine*, in press. PMID: PMC8935965
  61. Jazbrzikowski M, Hayes R, Scully KE, Franzen PL, **Hasler BP**, Siegle GJ, Buysse DJ, Dahl RE, Forbes EE, Ladouceur CD, McMakin DL, Ryan ND, Silk JS, Goldstein TR, Soehner AM. Associations between brain structure and sleep patterns across adolescent development. *SLEEP*, 44, zsab120, 2021. PMID: PMC8503824
  62. Roecklein KA, Franzen PL, Wescott DL, **Hasler BP**, Miller MA, Donofry SD, DuPont CM, Gratzmiller SM, Drexler SP, Wood-Vasey WM, Gamlin PD. Melanopsin-driven pupil response in summer and

- winter in unipolar seasonal affective disorder, *Journal of Affective Disorders*, 291, 93-101, 2021. PMID: PMC8693789
63. Wescott DL, Franzen PL, **Hasler BP**, Miller MA, Soehner AM, Smagula SF, Wallace ML, Hall MH, Roecklein KA. Elusive hypersomnolence in seasonal affective disorder: Actigraphic and self-reported sleep in and out of depressive episodes. *Psychosomatic Medicine*, in press. (PMCID: in process)
  64. Wallace ML, Kissel N, Hall MH, Germain A, Matthews KA, Troxel WM, Franzen PL, Buysse DJ, Reynolds CF III, Monk T, Roecklein KA, Gunn HE, **Hasler BP**, Goldstein TR, McMakin DL, Szigethy E, Soehner AM. Age Trends in Actigraphy and Self-Report Sleep Across the Lifespan: Findings from the Pittsburgh Lifespan Sleep Databank, *Psychosomatic Medicine*, in press. (PMID: 35100181; PMCID: in process)
  65. **Hasler BP**, Graves JL, Soehner AM, Wallace ML, Clark DB. Preliminary evidence that circadian alignment predicts neural response to monetary reward in late adolescent drinkers. *Frontiers in Neuroscience*, 16, 803349, 2022. PMID: PMC8888521
  66. **Hasler BP**, Wallace ML, Graves JL, Molina BSG, Pedersen SL. Circadian preference is associated with multiple domains of trait and state level impulsivity. *Chronobiology International*, accepted for publication. (PMID: 35144510, PMCID: in process)
  67. **Hasler BP**, Graves JL, Wallace ML, Claudatos S, Franzen PL, Nooner KB, Brown SA, Tapert SF, Baker, FC, Clark DB. Self-Reported Sleep and Circadian Characteristics Predict Alcohol and Cannabis Use: A Longitudinal Analysis of the National Consortium on Alcohol and Neurodevelopment in Adolescence Study. *Alcoholism: Clinical and Experimental Research*, accepted for publication. (PMCID: in process) DOI:10.1111/acer.14808
  68. \*Hisler GC, Pedersen SL, **Hasler BP\*\***. The 24-hour rhythm in alcohol craving and individual differences in sleep characteristics and alcohol use frequency. *Alcoholism: Clinical and Experimental Research*, 46, 1084-1093, 2022. (PMCID: in process) <https://doi.org/10.1111/acer.14826>
  69. Boness C, **Hasler BP**, Sheehan H, Pedersen SL. Associations between specific sleep and circadian characteristics and alcohol use disorder criteria and problems. *Addictive Behaviors*, accepted for publication. (PMCID: in process)
  70. Burgess HL, Rizvydeen M, Kikyo F, Kebbeh N, Tan M, Roecklein KA, **Hasler BP**, King AC, Cao D. Sleep and circadian differences between light and heavy adult alcohol drinkers. *Alcoholism: Clinical and Experimental Research*, accepted for publication. (PMCID: in process)
  71. \*Tracy EL, Zhang J, Wilckens K, Krafty RT, **Hasler BP**, Hall MH, Buysse DJ. Homeostatic sleep regulation and circadian rhythmicity are intact in older adults with insomnia. *SLEEP*, accepted for publication. (PMCID: in process)

### OTHER PEER REVIEWED PUBLICATIONS

1. **Hasler BP**, Smith LJ, Cousins JC, Bootzin RR. Circadian rhythms, sleep, and substance abuse. *Sleep Medicine Reviews*, 16(1), 67-81, 2012. PMID: PMC3177010
2. Clark DB, Chung T, Pajtek S, Zhai Z, Long E, **Hasler B**. Neuroimaging methods for adolescent substance use disorder prevention science. *Prevention Science*. 14(3), 300-309, 2013. PMID: PMC3640678
3. **Hasler BP**, Clark DB. Circadian misalignment, reward functioning, and adolescent alcohol involvement. *Alcoholism: Clinical and Experimental Research*. 37(4), 558-565, 2013. PMID: PMC3843484
4. Inkelis SM, **Hasler BP**, Baker FC. Sleep and alcohol use in women. *Alcohol Research: Current Reviews*, 40(2), 2020. PMID: PMC7359817
5. Duffy JF, Abbott SM, Burgess H, Crowley SJ, Emens JS, Epstein LJ, Gamble KL, **Hasler BP**, Kristo D, Malkani RG, Thomas SJ, Wyatt JK, Klerman EB. Workshop Report. Circadian Rhythm Sleep-Wake Disorders: Gaps and Opportunities. *SLEEP*, 44(5), zsa281, 2021. PMID: PMC8120340



† Denotes no NIH funding

\* denotes work conducted by mentored trainees

\*\*Corresponding author (if not 1<sup>st</sup> author)

## MANUSCRIPTS UNDER REVIEW OR IN PREPARATION

1. \*Hisler GC, Dickinson DL, Bruce SA, **Hasler BP**. Preliminary evidence that misalignment between sleep and circadian timing alters risk-taking preferences. (in revision at *Journal of Sleep Research*)
2. \*Wescott DL, Wallace ML, **Hasler BP**, Klevens AM, Franzen PL, Hall MH, Roecklein KA. Sleep and circadian rhythm profiles in seasonal depression. (under review at *Journal of Psychiatric Research*)
3. Albinni B, Baker FC, Javitz H, **Hasler BP**, Franzen PL, Clark DB, de Zambotti M. Morning perception of sleep, stress and mood, and its relationship with overnight physiological sleep: findings from the National Consortium on Alcohol and Neurodevelopment in Adolescence (NCANDA) study. (under review at *SLEEP*)

## OTHER NON-PEER-REVIEWED PUBLICATIONS

1. **Hasler BP**, Germain A. Correlates and treatments of nightmares in adults. *Sleep Medicine Clinics*, 4(4), 507-518, 2009. PMID: PMC2806673.
2. Hall M, Levenson J, **Hasler, B**. Sleep and emotion. In *Oxford Handbook of Sleep and Sleep Disorders*. Morin C and Espie C (Eds.), Oxford University Press, 2012, p. 131-149.
3. **Hasler BP**. Diurnal mood variation. In *Encyclopedia of Behavioral Medicine*. Gellman MD and Turner JR (Eds.), New York, NY: Springer, 2013. ISBN: 978-1-4419-1004-2 (hardcover), 978-1-4419-1005-9 (online).
4. **Hasler BP**, Soehner AM, Clark DB. Circadian rhythms and risk for substance use disorders in adolescence. *Current Opinion in Psychiatry*, 27(6), 460-466, 2014. PMID: PMC4227308.
5. **Hasler BP**, Soehner AM, Clark DB. Sleep and circadian contributions to adolescent alcohol use disorder. *Alcohol*, 49, 377-387, 2015. PMID: PMC4424185
6. Parthasarathy S, Carskadon MA, Jean-Louis G, Owens J, Bramoweth A, Combs D, Hale L, Harrison E, Hart CN, **Hasler BP**, Honaker SM, Hertenstein E, Kuna S, Kushida C, Levenson JC, Murray C, Pack AI, Pillai V, Pruiksma K, Seixas A, Strollo P, Thosar SS, Williams N, Buysse D. Implementation of sleep and circadian science: Recommendations from the Sleep Research Society and National Institutes of Health Workshop, *SLEEP*, 39, 2061-2075, 2016.
7. **Hasler BP**. Invited commentary on Bedroom Light Exposure at Night and the Incidence of Depressive Symptoms: A Longitudinal Study of the HEIJOKYO Cohort (Obayashi et al., 2018). *American Journal of Epidemiology*, 187, 435-438, 2018.
8. Logan RW, **Hasler BP**, Forbes EE, Franzen PL, Torregrossa MM, Huang YH, Buysse DJ, Clark DB, McClung CA. Impact of sleep and circadian rhythms on addiction vulnerability in adolescents. *Biological Psychiatry*, 83, 987-996, 2018. PMID: PMC5972052
9. \*Taylor BJ, **Hasler BP\*\***. Chronotype and mental health: Recent advances. *Current Psychiatry Reports*, 20(8), 59-69, 2018.
10. Mason IC, Boubekri M, Figueiro MG, **Hasler BP**, Hattar S, Hill SM, Nelson RJ, Sharkey KM, Wright KP, Boyd WA, Brown MK, Laposky A, Twery MJ, Zee PC. Circadian Health and Light: A Report on the National Heart, Lung, and Blood Institute's Workshop. *Journal of Biological Rhythms*, 33(5), 451-457, 2018.

11. He S, **Hasler B**, Chakravorty S. Alcohol and sleep-related problems. *Current Opinion in Psychology*, 30, 117-122, 2019.
12. Tutek J, Gunn HE, **Hasler BP\*\***. Daily Rhythmicity in Social Activity. Chapter in edited volume *Sleep and Social Behavior*, Krizan Z (Ed.), Springer-Nature, 2020, p.15-32.
13. Claudatos S, Baker FC, **Hasler BP\*\***. Relevance of sleep and circadian rhythms to adolescent substance use. *Current Addiction Reports*, 6, 504-513, 2019.
14. **Hasler BP**, Pedersen SL. Sleep and circadian risk factors for alcohol problems: A brief overview and proposed mechanisms. *Current Opinion in Psychology*, 34, 57-62, 2020.
15. Baker FC, Carskadon MA, **Hasler BP\*\***. Sleep and women's health: Sex- and age-specific contributors to alcohol use disorders. *Journal of Women's Health*, 29, 443-445, 2020. PMID: PMC7097695
16. \*Evans MA, **Hasler BP\*\***. Chapter 3 – CBT-I for patients with phase disorders or insomnia with circadian misalignment. In *Cognitive Behavior Therapy for Insomnia*. Cuddihy L, Garland S, Grandner M, Nowakoski S (Eds.), San Diego, CA, Academic Press, 2021, p. 63-95.
17. **Hasler BP**, McClung CA. Delayed circadian rhythms and substance abuse: Dopamine transmission's time has come. [Commentary on "Dopamine D1 and D2 receptors are distinctly associated with rest-activity rhythms and drug reward" (Zhang et al., 2021)]. *Journal of Clinical Investigation*, 131, e152832, 2021. PMID: PMC8439586

### PUBLISHED RESEARCH ABSTRACTS AND PRESENTATIONS

1. Lewy AJ, Emens JS, **Hasler BP**, Boney R, Bernert RA, Bauer VK, Sack RL. *Tau-phenotyping blind and sighted subjects for human clock gene research*. Poster presented at the 40<sup>th</sup> Annual Meeting of the American College of Neuropsychopharmacology, Hawaii, December 2001.
2. Lewy AJ, Lefler B, Yuhas K, **Hasler B**, Bernert R, Emens J. *The "sweet spot" for the plasma dim light melatonin onset for winter depressives treated with low-dose daytime melatonin: Support for the Phase Shift Hypothesis (PSH)*. Poster presented at the 43<sup>rd</sup> Annual Meeting of the American College of Neuropsychopharmacology, San Juan, Puerto Rico, December 2001.
3. Lewy AJ, Emens JS, **Hasler BP**, Bernert RA, Bhargava A, Sack RL. Avoiding "spillover" onto the wrong zone of the melatonin PRC may enhance melatonin's phase-shifting effects. *Society of Light Treatment and Biological Rhythms*, 17, 2002.
4. Cousins JC, **Hasler B**, Payne JD, Fridel KW, Bootzin RR, Estrada B, Cameron M, Vidad R, Stevens SJ. Drug history and psychological distress affects sleep and daytime sleepiness in adolescents. *Sleep*, 26, A144, 2003.
5. Lewy AJ, Lefler BJ, **Hasler BP**, Bauer VK, Bernert RA, Emens JS. Plasma DLMO<sub>10</sub> zeitgeber time 14: The therapeutic window for phase-delayed winter depressives treated with melatonin. *Chronobiology International*. 20(6), 1215-1217, 2003.
6. Haynes P, McQuaid JR, Ancoli-Israel S, **Hasler BP**. The relationship between habitual behaviors and depression is partially mediated by light. *Sleep*, 27, A342, 2004.
7. **Hasler BP**, Cousins JC, Fridel K, Wenk G, Bootzin RR. Effect of sleep treatment on circadian rhythms in adolescents with a history of substance abuse. *Sleep*, 28, A64, 2005.
8. **Hasler BP**, Sbarra DA, Bootzin RR. Diurnal variation of mood and the magnitude of response to the sleep deprivation intervention for depression. *Sleep*, 28, A312, 2005.
9. Bootzin RR, Stevens SJ, Shapiro SL, Cousin JC, Fridel KW, **Hasler BP**, Bailey ET, Britton WB, Hitt S, Cameron M, Estrada B. Treating insomnia and daytime sleepiness in adolescents with a drug abuse history. *Sleep and Biological Rhythms*, 3, A4, 2005.
10. **Hasler BP**, Mehl M, Bootzin RR. Circadian rhythms found in the naturalistic behavioral expression of positive but not negative mood. *Sleep*, 29, A59, 2006.

11. Bernert RA, **Hasler BP**, Cromer KC, Joiner TE. Diurnal preferences and circadian phase: A meta-analysis. *Sleep*, 29, A54-55, 2006.
12. **Hasler BP**, Allen JJB. Morningness-eveningness's relationship to depression is mediated by positive, not negative, affect. *Sleep*, 30, A60, 2007.
13. **Hasler BP**, Bootzin RR. Couples with divergent diurnal preferences or sleep schedules show reduced affective synchrony and lower relationship satisfaction, although the specific patterns differ for male and female partners. *Sleep*, 31, A378, 2008.
14. **Hasler BP**, Troxel WM. *Nightly sleep disturbance and daily relationship quality in couples: evidence for bidirectional associations*. Poster presented at the 9<sup>th</sup> Annual Research Day of the Western Psychiatric Institute and Clinic, Pittsburgh, PA., April 2009.
15. **Hasler BP**, Buysse DJ, Kupfer DJ, Germain A. Phase relationships between core body temperature, melatonin, and sleep are associated with depression severity: Preliminary evidence for circadian misalignment in non-seasonal depression. *Sleep*, 32, A345, 2009. Talk presented at the 23<sup>rd</sup> Annual Meeting of the Associated Professional Sleep Societies, Seattle, WA, June 2009.
16. **Hasler BP**, Troxel WM. Nightly sleep disturbance and daily relationship quality in couples: evidence for bidirectional associations. *Sleep*, 32, A419, 2009.
17. Velo JR, Stewart JL, **Hasler BP**, Towers DN, Allen JJB. *Should it matter when we record? Time of year and time of day as factors influencing frontal EEG asymmetry*. Poster presented at 49<sup>th</sup> Annual Meeting of the Society for Psychophysiological Research, Berlin, Germany, October 2009.
18. Lebensohn-Chialvo F, **Hasler BP**, Rohrbaugh MJ, Shoham V. *Does case difficulty compromise the fidelity of family therapy for substance-using adolescents?* Poster presented at the NIDA Blending Conference, "Blending Addiction Science and Practice: Evidence-Based Treatment and Prevention in Diverse Populations and Settings," Albuquerque, NM, April 22-23, 2010.
19. **Hasler BP**, Buysse DJ, Kupfer DJ, Germain A. *Preliminary evidence that phase relationships between core body temperature, melatonin, and sleep are associated with the severity of global and anhedonic depression*. Poster presented at the 2010 Society for Research on Biological Rhythms Meeting in Destin, FL, May 2010.
20. Frank E, Levenson L, **Hasler B**, Buysse D, Monk T, Lotrich F, Kupfer D, Battenfield J, Lotz-Wallace M. *Circadian-Sleep Alignment in Bipolar Disorder: A Pilot Study* Poster presented at the 49<sup>th</sup> Annual Meeting of the American College of Neuropsychopharmacology, Miami Beach, Florida, December 2010.
21. **Hasler BP**, Holm SM, Jakubcak JL, Dahl R, Ryan N, Phillips ML, Forbes E. Weekend shifts in sleep timing are associated with diminished reward-related brain functioning in healthy adolescents. Poster presented at the 11<sup>th</sup> Annual Research Day of the Western Psychiatric Institute and Clinic, Pittsburgh, PA, June 2011.
22. **Hasler BP**, Nofzinger E, Germain A, James JA, Buysse DJ. Diurnal variation in relative brain glucose metabolism within the reward circuit in adults with primary insomnia. *Sleep*, 34, A246, 2011. Talk presented at 25<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Minneapolis, MN, June 2011.
23. Levenson JC, Frank E, **Hasler BP**, Buysse DJ, Monk TH, Lotrich F, Kupfer DJ, Battenfield J, Wallace ML. Sleep and circadian alignment in bipolar disorder. *Sleep*, 34, A258, 2011.
24. **Hasler BP**, Holm SM, Jakubcak JL, Dahl R, Ryan N, Phillips ML, Forbes E. Weekend shifts in sleep timing are associated with diminished reward-related brain functioning in healthy adolescents. *Sleep*, 34, A270, 2011. Talk presented at 25<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Minneapolis, MN, June 2011.
25. Troxel WM, **Hasler BP**, Matthews KA, Glover K, Buysse DJ. Sleepless nights and marital strife? Examining the bidirectional links between nightly sleep and daily marital interactions. *Sleep*, 34, A315, 2011.

26. Roecklein KA, Wong PM, Franzen PL, **Hasler BP**, Wood-Vasey WM, Nimgaonkar VL, Miller MA, Ferrell RE, Manuck SB. Melanopsin gene variations interact with season to predict sleep timing and chronotype. Poster presented at 45<sup>th</sup> Annual Convention of the Association for Behavioral and Cognitive Therapies, Toronto, Ontario, Canada, November 2011.
27. **Hasler BP**, Germain A, Nofzinger EA, Kupfer DJ, Krafty RT, Rothenberger SD, James JA, Bi W, Buysse DJ. Diurnal patterns of positive affect and affective neural circuitry vary according to chronotype in adults with primary insomnia. *Sleep*, 35, A214, 2012. Talk presented at 26<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Boston, MA, June 2012.
28. **Hasler BP**, Shaw DS, Sitnick SL, Forbes EE. Late adolescents with an evening chronotype display behavioral and psychological dysregulation, sleep disturbance, and altered reward-related brain function. *Sleep*, 35, A332, 2012. Poster presented at 26<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Boston, MA, June 2012.
29. **Hasler BP**, Sitnick SL, Shaw DS, Forbes EE. Late adolescents who are evening chronotypes display behavioral and psychological dysregulation, sleep disturbance, and altered reward-related brain function. Poster presented at 67<sup>th</sup> Annual Scientific Convention & Meeting of the Society of Biological Psychiatry, Philadelphia, PA, May 2012.
30. **Hasler BP**, Sitnick SL, Shaw DS, Forbes EE. Late adolescents with an evening chronotype exhibit both increased alcohol dependence and altered reward-related brain function. *Alcoholism Clinical & Experimental Research*, 36(6) Supplement, 46A, 2012. Poster presented at 35<sup>th</sup> Annual Scientific Meeting of the Research Society on Alcoholism, San Francisco, CA, June 2012, and at the 12<sup>th</sup> Annual Department of Psychiatry Research Day, University of Pittsburgh School of Medicine, Pittsburgh, PA, 2012.
31. **Hasler BP**, Sitnick SL, Shaw DS, Forbes EE. Preliminary evidence that altered reward circuitry may contribute to alcohol problems among late adolescents with an evening chronotype. Poster presented at 1<sup>st</sup> Meeting of the International Scientific Group of Circadian Rhythm Experts (INSPIRE), Viareggio, Italy, March 2013.
32. Casement M, **Hasler BP**, Shaw D, Sitnick S, Germain A, Forbes EE. Poor Sleep Quality Predicts Blunted Processing of Monetary Reward and Loss in the Anterior Cingulate Cortex. *Sleep*, 36, A271, 2013. Poster presented at 27<sup>th</sup> Annual Meeting of Associated Professional Sleep Societies, Baltimore, MD, June 2013.
33. Conrad T, Cieply M, **Hasler BP**, Troxel WM, Germain A. Relationships between insomnia, posttraumatic stress disorder, and the behavioral inhibition/activation in military veterans. *Sleep*, 36, A159, 2013. Talk presented at 27<sup>th</sup> Annual Meeting of Associated Professional Sleep Societies, Baltimore, MD, June 2013.
34. **Hasler BP**, James JA, Franzen PL, Nofzinger EA, Germain A, Buysse DJ. Variation in default mode network connectivity across sleep-wake states differs between adults with primary insomnia and good sleepers. *Sleep*, 36, A551, 2013. Talk presented at 27<sup>th</sup> Annual Meeting of Associated Professional Sleep Societies, Baltimore, MD, June 2013.
35. Buysse DJ, **Hasler BP**, Germain A, Franzen PL, Chakan Z, Fletcher ME, James JA, Kupfer DJ, Nofzinger EA. Positron emission tomography studies demonstrate altered homeostatic response to sleep restriction in primary insomnia versus good sleepers. *Sleep*, 36, A550, 2013. Talk presented at 27<sup>th</sup> Annual Meeting of Associated Professional Sleep Societies, Baltimore, MD, June 2013.
36. **Hasler BP**, Buysse DJ, Germain A. Morningness-eveningness changes in response to behavioral sleep treatment are associated with changes in positive affect and sleep quality. *Sleep*, 36, A672, 2013. Poster presented at 27<sup>th</sup> Annual Meeting of Associated Professional Sleep Societies, Baltimore, MD, June 2013.
37. Roecklein KA, Miller MA, Donofry SD, **Hasler BP**, Franzen PL, & Gamlin PD. Non-visual effects of light on mood through the melanopsin pathway in seasonal depression. Talk presented at the 28<sup>th</sup> Annual Meeting of Associated Professional Sleep Societies, Minneapolis, MN, June 2014.

38. Roecklein KA, Donofry SD, Miller MA, **Hasler BP**, Franzen PL, Gamlin, PD. Prior light history is associated with melanopsin cell response as measured by the PIPR in SAD but not controls. Talk presented at Society of Light Treatment Biological Rhythms, Vienna, Austria, June 2014.
39. Franzen PL, Wallace MJ, **Hasler BP**, Goldstein TR. Sleep in youth with bipolar disorder. *Sleep*, 37, A0829, 2014. Poster presented at the 28<sup>th</sup> Annual Meeting of Associated Professional Sleep Societies, Minneapolis, MN, June 2014.
40. Troxel WM, Haas A, **Hasler B**, Setodji CM, Matthews KA, Buysse DJ. Sleep and your relationship, it's not about last night. *Sleep*, 37, A1002, 2014. Poster presented at 28<sup>th</sup> Annual Meeting of Associated Professional Sleep Societies, Minneapolis, MN, June 2014.
41. Donofry SD, Roecklein KA, Miller MA, **Hasler BP**, Wright AGC, Franzen PL, Wood-Vasey WM, Gamlin PD. Melanopsin-specific retinal sub-sensitivity in Seasonal Affective Disorder. Poster presented at the 70<sup>th</sup> Annual Meeting of the Society of Biological Psychiatry, Toronto, Ontario-Canada, May 2015.
42. Willoughby AR, de Zambotti M, Clark DB, Franzen P, **Hasler B**, Prouty D, Baker FC, Colrain IM. Age-related differences in eeg delta power during sleep in adolescents: Initial findings from the National Consortium on Alcohol and Neurodevelopment in Adolescence. *Sleep*, 38, A20, 2015. Poster presented at the 29<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Seattle, WA, June 2015.
43. **Hasler BP**, Kirsci L, Clark DB. Disturbed sleep and sleep timing during late childhood are risk factors for later alcohol and drug involvement. *Sleep*, 38, A321, 2015. Poster presented at the 29<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Seattle, WA, and the 38<sup>th</sup> Annual Scientific Meeting of the Research Society on Alcoholism, San Antonio, TX, June 2015.
44. **Hasler BP**, Goldstein TR, Gratzmiller SM, Franzen PL. Comparison of circadian phase and social jet lag across depressed and euthymic mood states in adolescents with bipolar disorder. *Sleep*, 38, A321, 2015. Poster presented at the 29<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Seattle, WA, June 2015.
45. Kay DB, Soehner AM, **Hasler BP**, Wilckens K, James JA, Nofzinger E, Kupfer DJ, Germain A, Hall MH, Price JC, Rosario B, Franzen P, Buysse DJ. Neurobiological basis for insomnia disorder: Smaller wake-nrem sleep reductions in regional brain glucose metabolism compared to good sleepers. *Sleep*, 38, A242, 2015. Talk presented at the 29<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Seattle, WA, June 2015
46. Kay DB, Soehner AM, **Hasler BP**, James JA, Nofzinger E, Kupfer DJ, Germain A, Price JC, Hall MH, Franzen P, Buysse DJ. Regional glucose metabolism in the anterior cingulate cortex and insula correlates with subjective-objective sleep discrepancy in patients with insomnia. *Sleep*, 38, A243, 2015. Talk presented at the 29<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Seattle, WA, June 2015
47. **Hasler BP**, Sitnick SL, Shaw DS, Forbes EE. Eveningness during late adolescence predicts ventral striatal reactivity to reward two years later. *Sleep*, 39, A277, 2016. Talk presented at the 30<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Denver, CO, June 2016.
48. **Hasler BP**, Pedersen SL. Alcohol use, impulsivity, and acute response to alcohol vary according to chronotype and daily reports of sleep timing in one's own environment. *Sleep*, 39, A277, 2016. Talk presented at the 30<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Denver, CO, June 2016.
49. Mike T, Shaw DS, Forbes EE, Sitnick SL, **Hasler BP**. Sleep in early adolescence is associated with the subsequent use of alcohol and cannabis in boys. *Sleep*, 39, A333, 2016. Poster presented at the 30<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Denver, CO, June 2016.
50. Miller MA, **Hasler BP**, Wong PM, Donofry SD, Manuck SB, Roecklein KA. The contribution of external desynchrony to depression symptoms. *Sleep*, 39, A278-9, 2016. Talk presented at the 30<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Denver, CO, June 2016

51. DuPont CM, Miller MA, **Hasler BP**, Roecklein KA. Seasonal patterns of daily total light exposure in seasonal affective disorder. Poster presented at the 30<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Denver, CO, June 2016.
52. **Hasler BP**, Roecklein KA. Evening light exposure is associated with alcohol consumption and reward function in late adolescent drinkers. *Sleep*, 40, A422, 2017. Poster presented at the 31<sup>st</sup> Annual Meeting of the Associated Professional Sleep Societies, Boston, MA, June 2017.
53. Dupont CM, Miller MA, **Hasler BP**, Roecklein KA. The role of light and phase of entrainment in seasonal affective disorder. *Sleep*, 40, A265, 2017. Poster presented at the 31<sup>st</sup> Annual Meeting of the Associated Professional Sleep Societies, Boston, MA, June 2017.
54. Soehner AM, Siegle GJ, Franzen PL, **Hasler BP**, Hafer B, Cao T, Buysse DJ. Differential relationships between categorical versus dimensional measures of insomnia and reward circuitry function. *Sleep*, 40, A107, 2017. Talk presented at the 31<sup>st</sup> Annual Meeting of the Associated Professional Sleep Societies, Boston, MA, June 2017.
55. Goldstone A, Willoughby AR, de Zambotti M, Franzen PL, Pohl KM, Pfefferbaum A, Sullivan EV, Müller-Oehring EM, Prouty D, Kwon D, **Hasler BP**, Clark DB, Colrain IM, Baker FC. The mediating effect of brain structure on sleep slow wave activity during adolescence. *Sleep*, 40, A13, 2017. Talk presented at the 31<sup>st</sup> Annual Meeting of the Associated Professional Sleep Societies, Boston, MA, June 2017.
56. Dupont CM, Miller MA, **Hasler BP**, Roecklein KA. The effects of light exposure on circadian phase in seasonal affective disorder. Talk presented at the 29<sup>th</sup> Annual Meeting of the Society for Light Treatment & Biological Rhythms, Berlin, Germany, June 2017.
57. **Hasler BP**, Franzen PL, de Zambotti M, Prouty D, Brown SA, Tapert SF, Pfefferbaum A, Pohl KM, Sullivan EV, DeBellis MD, Nagel BJ, Colrain IM, Baker FC, Clark DB. *Circadian Preference and Sleep Timing Predict Risk for Substance Use in Adolescence: Initial Findings from the NCANDA Study*. Talk presented as part of a symposium entitled 'Hidden Risk Factors for Adolescent Substance Use Disorders: Caffeine Use, Sleep Disturbances, and Their Interplay' at the 64<sup>th</sup> Annual Meeting of the American Academy of Child & Adolescent Psychiatry, Washington, DC, October 2017.
58. **Hasler BP**, Ngari W, Clark DB. Circadian misalignment and weekend alcohol use in late adolescent drinkers. *Sleep*, 41, A1002, 2018. Poster presented at the 32<sup>nd</sup> Annual Meeting of the Associated Professional Sleep Societies, Baltimore, MD, June 2018.
59. Dupont CM, Miller MA, **Hasler BP**, Roecklein KA. The role of environmental light exposure and circadian phase in seasonal affective disorder. *Sleep*, 41, A49, 2018. Poster presented at the 32<sup>nd</sup> Annual Meeting of the Associated Professional Sleep Societies, Baltimore, MD, June 2018.
60. Logan RW, Shafer AR, Ngari W, **Hasler BP**. Circadian rhythms, impulsivity, and adolescence: Effects of circadian misalignment on the neural response during the go/no-go task in human adolescents. *Sleep*, 41, A256, 2018. Poster presented at the 32<sup>nd</sup> Annual Meeting of the Associated Professional Sleep Societies, Baltimore, MD, June 2018.
61. Goldstone A, Willoughby AR, de Zambotti M, Franzen PL, Sullivan EV, Kardos LM, Claudatos SA, Rosas L, Alschuler VR, Lim Y, Gil M, **Hasler BP**, Clark DB, Colrain IM Baker FC. Age-related differences in sleep spindles and their association with episodic memory in adolescents. *Sleep*, 41, A257, 2018. Poster presented at the 32<sup>nd</sup> Annual Meeting of the Associated Professional Sleep Societies, Baltimore, MD, June 2018.
62. **Hasler BP**. *Circadian misalignment and substance abuse*. Talk presented as part of a symposium entitled 'Circadian Misalignment in Real World Settings: Impact on Physical and Mental Health, Sleep Disturbances, and Their Interplay' at the 32<sup>nd</sup> Annual Meeting of the Associated Professional Sleep Societies, Baltimore, MD, June 2018.
63. Soehner A, Franzen P, Seigle G, **Hasler B**, Fletcher M, Hafer B, Cao T, Sarah G, Buysse D. Too tired to care: A combination of sleepiness and poor sleep continuity attenuate reward-related brain activation. *Biological Psychiatry*, 85, S291, 2019. Talk presented as part of a symposium entitled 'Sleep, Reward Circuitry, and Psychopathology in Youth: Novel Mechanistic Insights from Neuroimaging and Intervention Studies' at SOBP's 74th Annual Scientific Conference, Chicago, IL, May 2019.

64. **Hasler BP**, Clark DB, Soehner AM, Rosario B, Ngari W, Forbes EE. Experimentally-imposed circadian misalignment alters neural response to monetary reward in healthy adolescents. *Biological Psychiatry*, 85, S39, 2019. Talk presented as part of a symposium entitled 'Sleep, Reward Circuitry, and Psychopathology in Youth: Novel Mechanistic Insights from Neuroimaging and Intervention Studies' at SOBP's 74th Annual Scientific Conference, Chicago, IL, May 2019.
65. **Hasler BP**, Clark DB, Soehner AM, Rosario B, Ngari W, Forbes EE. Experimentally-imposed circadian misalignment alters neural response to monetary reward in healthy adolescents. Talk presented as part of symposium entitled Sleep Mechanisms in Typical Development and Pediatric Affective Disorders' at AACAP's 66<sup>th</sup> Annual Meeting, Chicago, IL, October 2019.
66. **Hasler BP**, Clark DB, Soehner AM, Rosario B, Ngari W, Forbes EE. Experimentally-imposed circadian misalignment alters neural response to monetary reward in healthy adolescents. *Sleep*, 42, A320-A321, 2019. Poster presented at the 33<sup>rd</sup> Annual Meeting of the Associated Professional Sleep Societies, San Antonio, TX, June 2019.
67. **Hasler BP**, Buysse DJ, Ngari W, Franzen PL. Successful sleep extension and phase advance in adolescents in response to a pilot sleep/circadian manipulation. *Sleep*, 42, A329-A330, 2019. Talk presented at the 33<sup>rd</sup> Annual Meeting of the Associated Professional Sleep Societies, San Antonio, TX, June 2019.
68. Kay DB, Karim HT, Olsen JA, **Hasler BP**, James JA, Germain A, Hall MH, Franzen PL, Price JC, Nofzinger EA, Buysse DB. Neural correlates of mood improvements following recovery from sleep deprivation in patients with insomnia and good sleepers. *Sleep*, 42, A164-165, 2019. Talk presented at the 33<sup>rd</sup> Annual Meeting of the Associated Professional Sleep Societies, San Antonio, TX, June 2019.
69. Goldstone A, Claudatos SA, Lim YQ, Smith E, Gil M, Alschuler VR, Rosas LD, Prouty DE, Clark DB, **Hasler BP**, Franzen PL, de Zambotti, M, Colrain IM, Baker FC. Associations between sleep and mental health in children aged 9 and 10 years. *Sleep*, 42, A107, 2019. Poster presented at the 33<sup>rd</sup> Annual Meeting of the Associated Professional Sleep Societies, San Antonio, TX, June 2019.
70. Wescott DL, **Hasler BP**, Roecklein KA, Franzen PL. Self-reported sleep quality mediates the relationship between dysfunctional beliefs about sleep and severity of depression symptoms. *Sleep*, 42, A359, 2019. Poster presented at the 33<sup>rd</sup> Annual Meeting of the Associated Professional Sleep Societies, San Antonio, TX, June 2019.
71. Wescott DL, **Hasler BP**, Roecklein KA, Franzen PL. Objective sleep parameters and night-to-night variability in sleep duration in seasonal and non-seasonal depression. *Sleep*, 42, A248, 2019. Poster presented at the 33<sup>rd</sup> Annual Meeting of the Associated Professional Sleep Societies, San Antonio, TX, June 2019.
72. Clark DB, Brumback T, Chung T, Fitzgerald D, **Hasler B**, Martin C, Tervo-Clemmens B, Luna B. *Adolescent executive dysfunction in daily life and substance use: Longitudinal relationships*. Talk presented at 42<sup>nd</sup> Annual Scientific Meeting of the Research Society on Alcoholism, Minneapolis, MN, June 2019.
73. Cao D, Rizvydeen M, Tan MR, King AC, **Hasler BP**, Burgess HJ. The relationship between the dim light melatonin onset, a measure of circadian timing, and retinal circadian photoreceptor response in heavy social drinkers. Poster presented at 42<sup>nd</sup> Annual Scientific Meeting of the Research Society on Alcoholism, Minneapolis, MN, June 2019.
74. Kim KN, Wescott DL, Franzen PL, **Hasler BP**, Roecklein KA. Attention-Deficit/Hyperactivity Disorder Symptoms and Sleep Characteristics within a Seasonal Affective Disorder Spectrum. *Sleep*, 43, A415-416, 2020. Poster presented at the 34<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Virtual Meeting, August 2020.
75. Roecklein KA, Wescott DL, Smagula SF, Soehner AM, Franzen PL, **Hasler BP**. Melanopsin driven pupil responses and physical activity: Stability of activity from day-to-day in winter in seasonal affective disorder. *Sleep*, 43, A15, 2020. Poster presented at the 34<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Virtual Meeting, August 2020.

76. **Hasler BP**, Soehner AM, Ngari W, Clark DB. Circadian alignment predicts neural response to monetary reward in late adolescent drinkers. *Sleep*, 43, A27-28, 2020. Poster presented at the 34<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Virtual Meeting, August 2020.
77. **Hasler BP**. Circadian misalignment, weight, and diet: Preliminary data in adolescents. Talk presented as part of a symposium entitled 'The impact of circadian misalignment on obesity and metabolic health across the lifespan' at the 34<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Virtual Meeting, August 2020.
78. Hisler G, Pedersen S, Clark D, Rothenberger S, **Hasler B**. Is there a daily rhythm in alcohol craving and does it vary by circadian timing? *Sleep*, 43, A84, 2020. Poster presented at the 34<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Virtual Meeting, August 2020.
79. Wescott DL, Dickman KD, Franzen PL, **Hasler BP**, Roecklein KA. The effects of sleep duration, timing, and depressed mood on daily eating patterns. *Sleep*, 43, A415, 2020. Poster presented at the 34<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Virtual Meeting, August 2020.
80. Wescott DL, **Hasler BP**, Franzen PL, Roecklein KA. Explaining self-reported hypersomnolence in seasonal depression. *Sleep*, 43, A292, 2020. Poster presented at the 34<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Virtual Meeting, August 2020.
81. **Hasler BP**. Sleep and circadian effects on reward sensitivity and impulse control during adolescence. Talk presented as part of a symposium entitled 'A sensitive system under fire? Identifying sleep-wake-regulatory risk factors for the development of mental disorders during adolescence' at the 25th Congress of the European Sleep Research Society, Virtual Meeting, September 2020.
82. Sheehan H, Boness CL, Pedersen SL, **Hasler BP**. Acute alcohol consumption's effects on subsequent same day sleep characteristics: a multi-method examination. *Alcoholism: Clinical and Experimental Research*, 45 (S1), 118A, 2021. Poster presentation at RSA/ISBRA-2021 VIRTUAL Scientific Meeting June 19-23, 2021.
83. Paulus DJ, Wallace ML, **Hasler BP**, Pedersen SL. Emotional complexity following alcohol administration and completion of a laboratory-based stress task. *Alcoholism: Clinical and Experimental Research*, 45 (S1), 172A, 2021. Poster presentation at RSA/ISBRA-2021 VIRTUAL Scientific Meeting June 19-23, 2021.
84. Boness CL, **Hasler BP**, Sheehan H, Pedersen SL. Eveningness and later sleep timing are associated with higher risk of alcohol tolerance and hazardous alcohol use. *Alcoholism: Clinical and Experimental Research*, 45 (S1), 130A, 2021. Poster presentation at RSA/ISBRA-2021 VIRTUAL Scientific Meeting June 19-23, 2021.
85. **Hasler B**, Graves J, Wallace M, Claudatos S, Baker F, Clark D. Self-reported sleep and circadian characteristics predict future substance use: a longitudinal analysis from the NCANDA study. *Sleep*, 44, A240, 2021. Talk presented at the 35<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Virtual Meeting, June 2021.
86. **Hasler BP**, Wallace ML, Graves JL, Molina BSG, Pedersen SL. Circadian preference is associated with impulsivity at both the trait and state level. *Alcoholism: Clinical and Experimental Research*, 45 (S1), 177A, 2021. RSA/ISBRA-2021 VIRTUAL Scientific Meeting June 19-23, 2021; *Sleep*, 44, A35, 2021. *Alcoholism: Clinical and Experimental Research*, 45, 130A, 2021. Poster presented at the 35<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Virtual Meeting, June 2021.
87. \*Hisler G, Dickinson D, **Hasler B**. Does alignment between the timing of sleep and circadian rhythm predict behavioral decision making? *Sleep*, 44, A35, 2021. Talk presented at the 35<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Virtual Meeting, June 2021.
88. Shen Y, Rojo-Wissar D, Duggan K, **Hasler B**, Spira A. Association of personality traits with napping behaviors in older adults. *Sleep*, 44, A215, 2021. Talk presented at the 35<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Virtual Meeting, June 2021.
89. Wallace W, Kissel N, Hall M, Germain A, Matthews K, Troxel W, Franzen P, Buysse D, Roecklein K, Gunn H, **Hasler B**, Goldstein T, McMakin D, Szigethy E, Soehner A. Age trends in sleep across the lifespan: findings from the Pittsburgh Lifespan Sleep Databank. *Sleep*, 44, A213, 2021. Poster



presented at the 35<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Virtual Meeting, June 2021.

90. Wescott DL, Klevens AM, **Hasler BP**, Franzen PL, Roecklein KA Retinal responsivity is associated with circadian phase and circadian alignment but not sleep timing. *SLEEP*, 45, Issue Supplement\_1, A89-90, 2022. Talk presented at the 36th Annual Meeting of the Associated Professional Sleep Societies, Charlotte, North Carolina, June 2022.
91. **Hasler BP**, Wallace ML, Graves JL, Buysse DJ, Siegle GJ, Clark DB. Pre-pandemic circadian phase predicts sleep, depression, and alcohol use among adolescents during the pandemic. *SLEEP*, 45, Issue Supplement\_1, A20-21, 2022. Poster presented at the 36th Annual Meeting of the Associated Professional Sleep Societies, Charlotte, North Carolina, June 2022. *Alcoholism: Clinical and Experimental Research*, 46 (Supplement), 55A, 2022. Talk presented as part of a symposium entitled "Sleep and alcohol use associations among children, youth, and young adults: Insights from multi-method research" at the 45th Annual Scientific Meeting of the Research Society on Alcoholism, Orlando, FL, June 2022.
92. \*Tracy EL, Buysse DJ, Smagula SF, Soehner A, **Hasler BP**. Social rhythm regularity: Associations with sleep, circadian, mental health, and alcohol use outcomes in adolescents. *SLEEP*, 45, Issue Supplement\_1, A96, 2022. Poster presented at the 36th Annual Meeting of the Associated Professional Sleep Societies, Charlotte, North Carolina, June 2022.
93. \*Kwon M, Seo YS, **Hasler BP**. Does multi-dimensional impulsivity mediate the relationship between poor sleep health and depressive symptoms in late adolescents? *SLEEP*, 45, Issue Supplement\_1, A117, 2022. Poster presented at the 36th Annual Meeting of the Associated Professional Sleep Societies, Charlotte, North Carolina, June 2022.
94. Stepan ME, Buysse DJ, Siegle GJ, **Hasler BP**, Soehner AM, Franzen PL. Sleep disturbance is associated with dysregulation of positive and negative affect systems. *SLEEP*, 45, Issue Supplement\_1, A111, 2022. Poster presented at the 36th Annual Meeting of the Associated Professional Sleep Societies, Charlotte, North Carolina, June 2022

## PROFESSIONAL ACTIVITIES

### TEACHING

#### Classroom Didactics:

##### Full courses:

Course Name: Abnormal Psychology  
 Description: Instructor for upper-level undergraduate course ( $\pm 25$  undergraduate students)  
 Year(s): 2003, 2004  
 Frequency: Daily, Summer Semester  
 Location: University of Arizona, Tucson, AZ

Course Name: Introduction to Medical Decision Making (MED 5180)  
 Description: Small group lecture/workshop, presented to  $\pm 10$  medical students  
 Year(s): 2012, 2013  
 Frequency: Every 2-3 weeks during fall term  
 Location: Scaife Hall, University of Pittsburgh, Pittsburgh, PA

##### Recurring lectures:

Course Name: Principles of Circadian Rhythms and Circadian Rhythm Sleep Disorders  
 Description: Sleep Medicine Didactic Lecture Series, presented to  $\pm 5$  postdoctoral and medical fellows (ACGME Sleep Medicine Fellowship)  
 Year(s): 2011- 2022  
 Frequency: Annually  
 Location: Falk Comprehensive Lung Center, University of Pittsburgh, Pittsburgh, PA

Course Name: Sleep Medicine Course – Circadian Rhythm Sleep Disorders  
 Description: Lecture to ±15 PGY3 psychiatry residents  
 Year(s): 2011- 2020  
 Frequency: Annually  
 Location: Western Psychiatric Institute & Clinic, Pittsburgh, PA

Course Name: Non-pharmacological Treatment of Insomnia and Circadian Rhythm Disorders  
 Description: Lecture to ±5 clinical psychology interns  
 Year(s): 2012-2017  
 Frequency: Annually  
 Location: Bellefield Towers, Western Psychiatric Institute and Clinic, Pittsburgh, PA

Course Name: Insomnia Assessment and Behavioral Treatments: A How-to  
 Description: Sleep Medicine Didactic Lecture Series presented to ±5 postdoctoral and medical fellows (ACGME Sleep Medicine Fellowship)  
 Year(s): 2014, 2015, 2019-2022  
 Frequency: Annually  
 Location: Montefiore Hospital, University of Pittsburgh, Pittsburgh, PA

Course Name: Non-Pharmacological Treatment of Insomnia and Circadian Rhythm Disorders (PSY2281)  
 Description: Lecture to ±10 clinical psychology doctoral candidates  
 Year(s): 2012, 2015, 2017-2020 (added 2nd lecture on circadian treatment starting in 2017)  
 Frequency: As requested  
 Location: Sennott Square, Dept of Psychology, University of Pittsburgh, Pittsburgh, PA

Course Name: Weekly seminar of Translational Research Training in Sleep Medicine (T32)  
 Lecture Title: Measuring circadian rhythms  
 Description: Lecture to ±10 graduate students and post-doctoral fellows  
 Year(s): 2015-present  
 Frequency: Approximately biannually  
 Location: University of Pittsburgh, Pittsburgh, PA

Course Name: Mechanisms and Clinical Presentation of Pain (MSNBIO2622) – “Sleep and pain: A brief overview and introduction to assessment and behavioral treatment of insomnia”  
 Description: Lecture to ±15 postdoctoral and medical fellows, and graduate students  
 Year(s): 2015, 2018  
 Frequency: As requested  
 Location: BST 1495, University of Pittsburgh, Pittsburgh, PA

Course Name: Developmental Process Course – “Sleep and circadian rhythms during adolescence: Relevance to substance abuse”  
 Description: Lecture to ±15 PGY4 psychiatry residents  
 Year(s): Annually 2017-2019  
 Frequency: As requested  
 Location: Western Psychiatric Hospital, Pittsburgh, PA

Course Name: Developmental Process Course – “Developmental changes in sleep and circadian rhythms: Overview of causes, consequences, and treatment of sleep/circadian disturbances”  
 Description: Lecture to ±15 PGY4 psychiatry residents  
 Year(s): Annually 2020-2022  
 Frequency: As requested  
 Location: Western Psychiatric Hospital, Pittsburgh, PA

Course Name: Summer SWIM: Sleep and Circadian Workshop on Indispensable Methods  
 Lecture Title: Circadian Rhythm Sleep-Wake Disorders: Background and Intrinsic CRSDs  
 Description: Lecture to ±60 attendees ranging from undergraduates to faculty  
 Year(s): 2020

Frequency: Anticipated to be biannual  
 Location: Center for Sleep and Circadian Science (Western Psychiatric Hospital), Pittsburgh, PA (Virtual in 2020)

Course Name: Summer SWIM: Sleep and Circadian Workshop on Indispensable Methods  
 Lecture Title: Impact of sleep & circadian disturbances on substance use and abuse: A role for circadian misalignment and reward?

Description: Lecture to  $\pm 60$  attendees ranging from undergraduates to faculty

Year(s): 2020

Frequency: Anticipated to be biannual

Location: Center for Sleep and Circadian Science (Western Psychiatric Hospital), Pittsburgh, PA (Virtual in 2020)

Course Name: Summer SWIM: Sleep and Circadian Workshop on Indispensable Methods

Lecture Title: Meet the Experts: Translating basic sleep and circadian science to public health

Description: Co-led lecture to  $\pm 50$  attendees ranging from undergraduates to faculty

Year(s): 2020

Frequency: Anticipated to be biannual

Location: Center for Sleep and Circadian Science (Western Psychiatric Hospital), Pittsburgh, PA (Virtual in 2020)

Course Name: Summer SWIM: Sleep and Circadian Workshop on Indispensable Methods

Lecture Title: Meet the Experts: Telemedicine for Sleep and Circadian Rhythms

Description: Co-led lecture to  $\pm 40$  attendees ranging from undergraduates to faculty

Year(s): 2020

Frequency: Anticipated to be biannual

Location: Center for Sleep and Circadian Science (Western Psychiatric Hospital), Pittsburgh, PA (Virtual in 2020)

### Single lectures:

Course Name: Depression Workshop

Description: Provided a 4-hour workshop on depression and basic clinical skills for ~15 undergraduate "peer allies"

Year(s): 2003

Frequency: Once

Location: University of Arizona, Tucson, AZ

Course Name: Melatonin as a marker of circadian phase

Description: Tuesday Sleep Conference Lecture, presented to  $\pm 5$  postdoctoral and medical fellows

Year(s): 2008

Frequency: Once

Location: Montefiore Hospital, University of Pittsburgh, Pittsburgh, PA

Course Name: The links between circadian rhythms, mood, and mood dysregulation

Description: UPMC Multidisciplinary Sleep Conference, presented to  $\pm 25$  fellows, faculty, and staff

Year(s): 2009

Frequency: Once

Location: Montefiore Hospital, University of Pittsburgh, Pittsburgh, PA

Course Name: Sleepless nights, brighter mornings, and happier days

Description: WPIC Journal Club, presented to  $\pm 50$  Interns, residents, and faculty

Year(s): 2009

Frequency: Once

Location: Western Psychiatric Institute & Clinic, University of Pittsburgh, Pittsburgh, PA

Course Name: Brief Behavioral Treatment for Insomnia – Adapted for bipolar intensive outpatient program

Description: Lecture to  $\pm 15$  psychiatrists, psychologists, social workers, and staff on incorporating behavioral sleep treatment in the IOP setting for patients with bipolar disorder

Year(s): 2010

Frequency: Once

Location: Bellefield Clinic, Western Psychiatric Institute & Clinic, Pittsburgh, PA

- Course Name: Circadian-reward interactions: Preliminary evidence from neuroimaging  
 Description: UPMC Multidisciplinary Sleep Conference, presented to  $\pm 25$  fellows, faculty, and staff  
 Year(s): 2010  
 Frequency: Once  
 Location: Montefiore Hospital, University of Pittsburgh, Pittsburgh, PA
- Course Name: Brief Behavioral Treatment for Insomnia – How to apply to psychiatric inpatients  
 Description: Lecture to  $\pm 15$  nurses and other staff on managing sleep problems in the inpatient setting  
 Year(s): 2010  
 Frequency: Once  
 Location: UPMC Mercy Hospital, Pittsburgh, PA
- Course Name: Imagery Rehearsal Therapy for Nightmares  
 Description: Lecture to  $\pm 5$  clinical psychology interns  
 Year(s): 2011  
 Frequency: Once  
 Location: Bellefield Clinic, Western Psychiatric Institute & Clinic, Pittsburgh, PA
- Course Name: Solving Sleep Problems in Bipolar Disorder  
 Description: Talk to  $\pm 15$  clinicians, patients with bipolar disorder, and family members  
 Year(s): 2011  
 Frequency: Once  
 Location: Bellefield Clinic, Western Psychiatric Institute & Clinic, Pittsburgh, PA
- Course Name: The Relevance of Chronotype and Sleep Timing in Military Veterans – Preliminary Data Analyses  
 Description: UPMC Multidisciplinary Sleep Conference, presented to  $\pm 25$  fellows, faculty, and staff  
 Year(s): 2012  
 Frequency: Once  
 Location: Montefiore Hospital, University of Pittsburgh, Pittsburgh, PA
- Course Name: Developing Healthy Sleep Habits  
 Description: Talk to  $\pm 15$  clinicians, patient advocates, patients, and family members  
 Year(s): 2012  
 Frequency: Once  
 Location: Allegheny Health Choices Inc Wellness Conference, Sheraton Station Square, Pittsburgh, PA
- Course Name: Circadian misalignment, reward function, and adolescent substance use: A K01 study  
 Description: UPMC Multidisciplinary Sleep Conference, presented to  $\pm 25$  fellows, faculty, and staff  
 Year(s): 2012  
 Frequency: Once  
 Location: Montefiore Hospital, University of Pittsburgh, Pittsburgh, PA
- Course Name: Psychiatric Epidemiology & Alcohol Research Seminar (EPIDEM 2380)  
 Lecture Title: Eveningness as a model of circadian misalignment: sleep and circadian effects on affect and motivation  
 Description: Lecture to  $\pm 10$  students and faculty  
 Year(s): 2012  
 Frequency: Once  
 Location: Webster Hall, University of Pittsburgh, Pittsburgh, PA
- Course Name: Sleep Medicine Course – “Hypersomnia: Definition, assessment, and relevance in psychiatric disorders, and treatments”  
 Description: Lecture to  $\pm 15$  PGY3 psychiatry residents  
 Year(s): 2013  
 Frequency: Once  
 Location: Western Psychiatric Institute & Clinic, Pittsburgh, PA
- Course Name: The interplay between circadian misalignment, sleep, and substance abuse: ongoing investigations and new directions.  
 Description: UPMC Multidisciplinary Sleep Conference, presented to  $\pm 25$  fellows, faculty, and staff  
 Year(s): 2014

- Frequency: Once  
Location: Montefiore Hospital, University of Pittsburgh, Pittsburgh, PA
- Course Name: Circadian Rhythms (PSY2575) – “Circadian rhythms and addiction”  
Description: Upper-level undergraduate course, presented to ±25 undergraduate students  
Year(s): 2015  
Frequency: Once  
Location: Cathedral of Learning, University of Pittsburgh, Pittsburgh, PA
- Course Name: Non-Pharmacological Treatment of Insomnia and Circadian Rhythm Disorders  
Description: Lecture to ±10 clinicians in the Adult Integrated Care Staff Meeting  
Year(s): 2017  
Frequency: Once  
Location: Western Psychiatric Institute & Clinic, Pittsburgh, PA
- Course Name: Circadian Rhythms in Children and Adolescents  
Description: Served as discussant on webinar sponsored by Society of Behavioral Sleep Medicine  
Year(s): 2018  
Frequency: Once  
Location: Webinar
- Course Name: Behavioral and chronotherapeutic methods for managing adolescent sleep and circadian disturbances: An introduction  
Description: Lecture to ±30 clinicians in the Center for Adolescent and Young Adult Health (CAYAH)  
Year(s): 2018  
Frequency: Once  
Location: Center for Adolescent and Young Adult Health (CAYAH), Pittsburgh, PA
- Course Name: Sleep & Circadian Rhythms in Health and Disease (PSY 2575-1080; CRN:31687)  
Lecture Titles: Introduction to circadian rhythm sleep-wake disorders; Sleep and circadian risk factors for substance use  
Description: Lecture to ±10 graduate students in the Biological and Health Psychology doctoral program  
Year(s): 2020 (Virtual lecture)  
Frequency: Once  
Location: University of Pittsburgh, Pittsburgh, PA
- Course Name: Weekly seminar of Translational Research Training in Sleep Medicine (T32)  
Lecture Title: Implementing Circadian Manipulations and/or Treatments in Research Studies  
Description: Lecture to ±10 graduate students and post-doctoral fellows  
Year(s): 2021 (Virtual lecture)  
Frequency: Once  
Location: University of Pittsburgh, Pittsburgh, PA
- Course Name: Psycho-Oncology Group Clinical Lecture  
Lecture Title: A Practical Introduction to Brief Behavioral Treatment for Insomnia  
Description: Lecture to ±10 clinicians in the psycho-oncology group  
Year(s): 2021 (Virtual lecture)  
Frequency: Once  
Location: University of Pittsburgh, Pittsburgh, PA
- Course Name: Health Fundamentals: Foundations of Biological and Health Psychology course (PSY 2502-1030)  
Lecture Title: Sleep and Circadian Rhythms  
Description: Lecture to ±10 psychology graduate students  
Year(s): 2021  
Frequency: Once  
Location: University of Pittsburgh, Pittsburgh, PA
- Course Name: Weekly seminar of Translational Research Training in Sleep Medicine (T32)  
Lecture Title: Nuts and bolts of running a clinical research study

Description: Lecture to ±10 graduate students and post-doctoral fellows  
 Year(s): 2022  
 Frequency: Once  
 Location: University of Pittsburgh, Pittsburgh, PA

### **Clinical Supervision:**

Student: Nataria Joseph, PhD  
 Affiliation of Student: University of Pittsburgh, Cardiovascular Behavioral Medicine Research Training Program, Postdoctoral Fellowship  
 Clinical Focus: Behavioral Medicine - Assessment and Treatment  
 Dates: July 2012 – August 2013

Student: Kate Sowder, MA  
 Affiliation of Student: Indiana University of Pennsylvania, Clinical Psychology (PsyD) Graduate Program  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: February 2013 – August 2013

Student: Sarah Racine, MA  
 Affiliation of Student: Western Psychiatric Institute and Clinic, Psychology Internship  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: March 2013 – August 2013

Student: Adriane Soehner, PhD  
 Affiliation of Student: University of Pittsburgh, Assistant Professor of Psychiatry  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: September 2013 – January 2014 (internship); September 2015 – present (postdoc/faculty)

Student: Heather Gunn, PhD  
 Affiliation of Student: University of Pittsburgh, Translational Sleep Medicine, Postdoctoral Fellowship  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: October 2013 – June 2017

Student: Jessica Levenson, PhD  
 Affiliation of Student: University of Pittsburgh, Translational Sleep Medicine, Postdoctoral Fellowship  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: October 2013 – January 2017

Student: Melynda Casement, PhD  
 Affiliation of Student: University of Pittsburgh, Postdoctoral Associate  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: October 2013 – January 2016

Student: Caroline Oppenheimer, MA  
 Affiliation of Student: Western Psychiatric Institute and Clinic, Psychology Internship  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: December 2013 – February 2014

Student: Patricia Wong  
 Affiliation of Student: University of Pittsburgh, Clinical Psychology Doctoral Candidate  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: March 2014 – August 2014

Student: Rachel Bachrach, MS  
 Affiliation of Student: Western Psychiatric Institute and Clinic, Psychology Internship  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: September 2014 – November 2014

Student: Amy Byrd, MS  
 Affiliation of Student: Western Psychiatric Institute and Clinic, Psychology Internship  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: December 2014 – February 2015

Student: Luis Flores, BA  
 Affiliation of Student: Western Psychiatric Institute and Clinic, Psychology Internship  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: March 2015 – June 2015

Student: Rachel Salk, MS  
 Affiliation of Student: Western Psychiatric Institute and Clinic, Psychology Internship  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: September – December 2015

Student: Isaac Petersen, BA  
 Affiliation of Student: Western Psychiatric Institute and Clinic, Psychology Internship  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: December 2015 – February 2016

Student: Susan Jarquin, PhD  
 Affiliation of Student: UPMC Chronic Pain Division, Behavioral Medicine Psychologist  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: April– May 2016

Student: Megan Miller, MA  
 Affiliation of Student: University of Pittsburgh, Clinical Psychology Doctoral Candidate  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: June - August 2016

Student: Frances Wang, BA  
 Affiliation of Student: Western Psychiatric Institute and Clinic, Psychology Internship  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: September – November 2016

Student: Mary Woody, MS  
 Affiliation of Student: Western Psychiatric Institute and Clinic, Psychology Internship  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: December 2016 – February 2017

Student: Jessica Hamilton, MS, PhD  
 Affiliation of Student: Western Psychiatric Institute and Clinic, Psychology Internship; University of Pittsburgh School of Medicine, Postdoctoral Scholar  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: March – May 2017 (predoctoral intern); September 201 - November 2020 (postdoc)

Student: Vanessa Brown, MS  
 Affiliation of Student: Western Psychiatric Institute and Clinic, Psychology Internship  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: December 2017 – February 2018

Student: Irene Tung, MA  
 Affiliation of Student: Western Psychiatric Institute and Clinic, Psychology Internship  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: March – May 2018

Student: Caitlin DuPont, MS  
 Affiliation of Student: University of Pittsburgh, Clinical Psychology Doctoral Candidate  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: June – August 2018

Student: Karen Jakubowski, MS  
 Affiliation of Student: University of Pittsburgh, Clinical Psychology Doctoral Candidate  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: September – December 2018

Student: Jonna Morris, PhD  
 Affiliation of Student: University of Pittsburgh School of Medicine, Postdoctoral Scholar  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: December 2018 – March 2019

Student: Marissa Bowman, MS  
 Affiliation of Student: University of Pittsburgh, Clinical Psychology Doctoral Candidate  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: May – December 2019



Student: Sarah Riley, CNRP  
 Affiliation of Student: University of Pittsburgh Medical Center – Sleep Medicine  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: January – February 2020

Student: Aliona Tsypes, MS  
 Affiliation of Student: Western Psychiatric Hospital, Psychology Internship  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: March – May 2020

Student: Rebecca Cox, MS  
 Affiliation of Student: Western Psychiatric Hospital, Psychology Internship  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: September 2020 – February 2021

Student: Liudan An, CNRP  
 Affiliation of Student: University of Pittsburgh Medical Center – Sleep Medicine  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: January – February 2021

Student: Cassie Boness, MS  
 Affiliation of Student: Western Psychiatric Hospital, Psychology Internship  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: March – May 2021

Student: Delainey Wescott, MS  
 Affiliation of Student: University of Pittsburgh, Clinical Psychology Doctoral Candidate  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: May – December 2021

Student: Christine So, MS  
 Affiliation of Student: Western Psychiatric Hospital, Psychology Internship  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: September 2021 – February 2022

Student: Bethany Mingle, PA-C  
 Affiliation of Student: University of Pittsburgh Medical Center – Sleep Medicine  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: February – March 2022

Student: Mary Carson, MS  
 Affiliation of Student: University of Pittsburgh, Clinical & Bio-Health Psychology Doctoral Candidate  
 Clinical Focus: Behavioral Sleep Medicine—Assessment and Treatment  
 Dates: May – December 2022

**Research Mentorship:**

Student: Megan Miller, MA  
 Affiliation of Student: University of Pittsburgh, Department of Psychology, Clinical/Health Psychology Graduate Program  
 Research Projects: Master's Thesis – Clock Genes, Circadian Rhythms, and Mood Disorders: The Role of Positive Affect  
 Dissertation – Associations Between Rest/Activity Rhythms and Cognition in Healthy Middle-Aged and Young Adults  
 Mentorship Role: Master's and Dissertation Committee Member  
 Dates: November 2012 – December 2013; February 2016 – June 2017

Student: Daniel Kay, PhD  
 Affiliation of Student: University of Pittsburgh, Translational Research Training in Sleep Medicine (T32), Postdoctoral Fellowship  
 Research Project: Quantifying brain differences underlying sleep discrepancy in insomnia  
 Mentorship Role: Co-mentor (along with Drs. Judy Cameron and Daniel Buysse)  
 Dates: August 2013 – June 2016

Student: Rebecca Marano  
 Affiliation of Student: Horace Greeley High School, Horace Greeley Science Research Program  
 Research Project: Associations Between Different Types of Stress and Somnambulism  
 Mentorship Role: Primary mentor  
 Dates: August 2013 – November 2014

Student: Briana (Milligan) Taylor  
 Affiliation of Student: University of Pittsburgh, Department of Psychology, Clinical/Health Psychology Graduate Program  
 Research Project: Master's Thesis – Sleep Timing and Metabolic Health in Midlife Women  
 Comprehensive Paper – Circadian Delay and Risk Taking in Adolescence: A Review of the Literature with an Emphasis on Sex Differences and Reproductive Physiology  
 Dissertation -- Emotion Regulation as a Potential Mechanism Explaining the Link between Chronotype & Alcohol Use  
 Mentorship Role: Master's Committee, Specialty Examination (Comps) Committee, and Dissertation Committee Member  
 Dates: March 2014 – August 2017

Student: Thomas Mike  
 Affiliation of Student: University of Pittsburgh School of Medicine, Medical Student, T32 Summer Sleep Research Program; Scholarly Project  
 Research Project: A Model Predicting Adult Substance Use Based on Sleep, Depression, and Anxiety in Pre-adolescents and Adolescents in the Pittsburgh Mother and Child Project  
 Mentorship Role: Primary mentor  
 Dates: February 2014 – May 2017

Student: Patricia Wong, MA  
 Affiliation of Student: University of Pittsburgh, Department of Psychology, Clinical/Health Psychology Graduate Program  
 Research Project: Specialty Examination Paper -- Circadian Disruptions, Depression, and Metabolic Risk: An Integrative Model  
 Dissertation -- The day-to-day associations between sleep characteristics, affect, and affect reactivity  
 Mentorship Role: Specialty Examination (Comps) Committee Member; Dissertation  
 Dates: April 2014 – December 2019

Student: Chukwudi Onyeukwu  
 Affiliation of Student: University of Pittsburgh undergraduate student  
 Research Project: Directed research student working on R21 study  
 Mentorship Role: Mentor  
 Dates: January 2015 – July 2015

Student: Merete Chaplin  
 Affiliation of Student: University of Pittsburgh undergraduate student  
 Research Project: Directed research student working on R21 study  
 Mentorship Role: Mentor  
 Dates: September 2015 – May 2016

Student: Hannah Han  
 Affiliation of Student: University of Pittsburgh undergraduate student  
 Research Project: Directed research student working on R21 study  
 Mentorship Role: Mentor  
 Dates: January – August 2016

Student: Christopher Mantik  
 Affiliation of Student: University of Pittsburgh School of Medicine, Medical Student, T32 Summer Sleep Research Program; Scholarly Project  
 Research Project: Sleep Pattern Effects on Short-Term Affect In Adolescents  
 Mentorship Role: Primary mentor  
 Dates: June 2016 – May 2019

Student: Caitlin DuPont  
 Affiliation of Student: University of Pittsburgh, Department of Psychology, Clinical/Health Psychology Graduate Program  
 Research Project: Master's thesis -- The Role of Light Exposure and Circadian Timing in Seasonal Affective Disorder  
 Mentorship Role: Master's Committee Member  
 Dates: September 2016 – May 2018

Student: Kelly Lovorn  
 Affiliation of Student: University of Pittsburgh undergraduate student  
 Research Project: Directed research student working on R01 studies  
 Mentorship Role: Mentor  
 Dates: August 2017 – May 2018

Student: Cara Palmer, PhD  
 Affiliation of Student: University of Houston postdoctoral fellow  
 Research Project: Training in circadian methodology; applying circadian measures to studying positive affect and reward-based mechanisms in pediatric mental health  
 Mentorship Role: Mentor in the context of a Mentor-Mentee Award from the Sleep Research Society  
 Dates: October 2017 – September 2018

Student: Chelsea Vadnie, PhD  
 Affiliation of Student: University of Pittsburgh, Translational Research Training in Sleep Medicine (T32), Postdoctoral Fellowship  
 Research Project: Cellular and molecular mechanisms underlying the effects of disrupted circadian rhythms on the neurobiology involved in mood and addiction-related behavior  
 Mentorship Role: Co-Mentor  
 Dates: July 2018 – May 2020

Student: Elizabeth Macgillivray  
 Affiliation of Student: University of Pittsburgh undergraduate student  
 Research Project: Directed research student working on R01 studies  
 Mentorship Role: Mentor  
 Dates: August – December 2018

Student: Samuel Handy  
 Affiliation of Student: University of Pittsburgh undergraduate student  
 Research Project: Volunteer working on R01 studies  
 Mentorship Role: Mentor  
 Dates: April 2018 – June 2019

Student: Nicole Messner  
 Affiliation of Student: University of Pittsburgh undergraduate student  
 Research Project: Directed research student working on R01 studies  
 Mentorship Role: Mentor  
 Dates: August 2018 – December 2019

Student: Kayla Stanley  
 Affiliation of Student: University of Pittsburgh undergraduate student  
 Research Project: Directed research student working on R01 studies  
 Mentorship Role: Mentor  
 Dates: January 2019 – December 2019

Student: Michelle Sun  
 Affiliation of Student: University of Pittsburgh undergraduate student  
 Research Project: Directed research student working on R01 studies  
 Mentorship Role: Mentor  
 Dates: August 2019 – July 2021

Student: Garrett Hisler, PhD  
 Affiliation of Student: University of Pittsburgh, Postdoctoral Associate  
 Research Project: TBD (topic will be related to sleep, circadian rhythms, and self-control mechanisms)  
 Mentorship Role: Primary mentor  
 Dates: August 2019 – July 2021

Student: Misol Kwon, BS, RN, PhD (c)  
 Affiliation of Student: PhD candidate in the School of Nursing at the University of Buffalo-SUNY  
 Research Project: Training in sleep and circadian methodology; studying the role of sleep/circadian factors as mediators and/or moderators of the relationship between substance use and psychosocial well-being  
 Mentorship Role: Mentor in the context of a Mentor-Mentee Award from the Sleep Research Society  
 Dates: January - December 2021

Student: Delainey Wescott, MS  
 Affiliation of Student: University of Pittsburgh, Clinical Psychology Doctoral Candidate  
 Research Project: Special Examination Paper: A meta-analysis of circadian realignment and depressed mood  
 Mentorship Role: Specialty Examination (Comps) Committee Member  
 Dates: August 2021 - present

Trainee: Karen Jakubowski, PhD  
 Affiliation of Trainee: University of Pittsburgh School of Medicine, Assistant Professor  
 Research Project: Intimate Partner Violence and Subclinical Cardiovascular Disease in Midlife Women (K23 HL159293)  
 Mentorship Role: Co-mentor on K23  
 Dates: September 2021- present

Student: Jillian Strong  
 Affiliation of Student: University of Pittsburgh undergraduate student  
 Research Project: Directed research student working on R01 studies; Sleep, substance use, expectancies, and motives in adolescent drinkers  
 Mentorship Role: Mentor  
 Dates: September 2021 – present

Student: Christine So, MS  
 Affiliation of Student: Western Psychiatric Hospital, Psychology Internship  
 Research Project: Sleep quality predictors of fatigue across different treatment modalities for insomnia  
 Mentorship Role: Co-Mentor for WPH internship research project  
 Dates: September 2021 – present

Student: Eunjin Tracy, PhD  
 Affiliation of Student: University of Pittsburgh, Postdoctoral Scholar  
 Research Project: Behavioral-social rhythms and health outcomes in couples  
 Mentorship Role: Co-Mentor  
 Dates: September 2021 – present

### Teaching-related Committees and Activities:

Facilitator, Roundtable Session (“Building Translational Components into Clinical Research”), 15<sup>th</sup> Annual Research Day, Western Psychiatric Institute and Clinic, June 2015

Facilitator, Roundtable Session (“How to be a Successful Mentee in Clinical Research”), 18<sup>th</sup> Annual Research Day, Western Psychiatric Institute and Clinic, June 2018

Faculty Reviewer, Professional Development CV Luncheon, Department of Psychology, University of Pittsburgh, Sept 2019.

Member, Training Committee of the Psychology Internship Program, WPIC, 2016 – present

Faculty Member, Career & Development Seminar, Department of Psychiatry, University of Pittsburgh School of Medicine, 2017—2022

## RESEARCH

### Active grants:

Grant Number (funded)	Grant Title	Role in Project % of Effort or Calendar Months	Years Inclusive	Source \$ Amount all years total (DC/IC)
P50 DA046346-01	Center for Adolescent Reward, Rhythms, and Sleep (CARRS); (Project 2: Circadian rhythms, sleep, and substance use risk during adolescence: observational, experimental, and longitudinal studies)	Project Leader; 15%	2020-2025	\$2,315,090 (\$1,520,617/ \$794,473)
R01 AA025626-05	Proximal prospective associations between circadian alignment, reward function and alcohol use in adolescents	PI; 22.5%	2017-2023	\$2,774,187 (\$1,806,283/ \$967,904)
R01 DA044143-04	Delayed sleep phase and risk for adolescent substance use.	PI; 23%	2018-2023	\$2,784,012 (\$1,785,268/ \$998,744)
R01 AA026249-04	Positive and negative reinforcement pathways underlying sleep and alcohol use associations	PI; 20% (Multi-PI with Sarah Pedersen, PhD)	2018-2023	\$2,667,123 (\$1,704,231/ \$962,892)

U01 AA021690-09	National Consortium on Alcohol and NeuroDevelopment in Adolescence: Pittsburgh (PI: Clark)	Co-I, 2.5%	2012-2022	\$21,699 (\$14,253/ \$7,446)
R01 DA046096-01	Circadian and sleep mechanisms among racial groups for nicotine dependence, craving, and withdrawal (MPIs: Gamble, Cropsey)	External consultant	2020-2025	
R01 MH124828-01	Locomotor Activation and Mania Spectrum Risk: Circadian and Reward Mechanisms (PI: Soehner)	Co-I; 5%	2021-2026	
K23 HL159293-01	Intimate Partner Violence and Subclinical Cardiovascular Disease in Midlife Women (PI: Jakubowski)	Co-Mentor	2021-2026	
R01 MH126109-01	Mechanisms of Depression and Anhedonia in Adolescents and Young Adults: Linking Sleep Duration and Timing to Reward- and Stress-Related Brain Function (PI: Casement)	Co-I; 5%	2022-2027	
R01 AA029125-01	Mechanisms of Risky Alcohol Use in Young Adults: Linking Sleep Duration and Timing to Reward- and Stress-Related Brain Function (PI: Casement)	Co-I; 5%	2022-2027	

**Pending:**

<b>Grant Number</b> (status)	<b>Grant Title</b>	<b>Role in Project</b> % of Effort or Calendar Months	<b>Years Inclusive</b>	<b>Source \$ Amount</b>
R01 DA054121-01 (Reviewed November 2020; not discussed; Resubmitted January 2021; impact score: 51, 46 <sup>th</sup> percentile)	Sleep and Circadian Rhythms: Links to HIV/AIDS and Opioid-Use Outcomes in the ALIVE Cohort (MPIs: Spira, Maher)	Co-I; 5%	2021-2026	
R01 HL157964-01a1 (Reviewed November 2020; not discussed; Resubmitted March 2021; not discussed)	Sleep restriction and circadian misalignment in adolescents as mediators of racial disparities in insulin sensitivity and inflammation (PI: Fobian)	External consultant	2021-2026	

**Completed:**

<b>Grant Number</b>	<b>Grant Title</b>	<b>Role in Project % of Effort or Calendar Months</b>	<b>Years Inclusive</b>
R01 MH103313-04	Melanopsin Photosensitivity and Psychopathology ( <i>PI: Roecklein</i> )	Co-I, 10%	9/17/2014-7/31/2019
K01 DA032557-05	Circadian Misalignment and Reward Function: A Novel Pathway to Substance Use	PI, 12 CM	7/1/2012-3/31/2018
R21 MH102412-02	Dimensional Sleep Disturbance in Relation to Positive/Negative Affect Systems ( <i>PI: Buysse</i> )	Co- I, 0.6 CM	7/18/2014-12/31/2016
R21 AA023209-02	Circadian alignment, reward function, and alcohol use during late adolescence	PI, 2.4 CM (subsumed under K01)	8/10/2014-7/31/2017
Basic To Clinical Collaborative Research Pilot Program, CTSI, Univ of Pittsburgh	Investigating the Molecular Mechanisms that Regulate the Increased Vulnerability for Addiction in Adolescents ( <i>Co-PI: McClung</i> )	Co-PI	07/01/15-06/30/16
Pilot grant from University of Pittsburgh Brain Institute	Impact of sleep and circadian rhythms on the vulnerability for substance abuse in adolescents. ( <i>PI: McClung</i> )	Co-I	2016-2018
Pilot grant from University of Pittsburgh Physicians Foundation	Direct and circadian effects of bright light on human reward function	PI; 5%	10/01/17-09/30/18
R01 AA023839-01A1	The Effect of Alcohol on Retinal Photoc Signaling to the Human Circadian System ( <i>PIs: Burgess and Cao</i> )	External consultant	06/20/16-05/31/20
R21 AG060824)	Examining Sleep Health and Adherence Outcomes Among Older HIV-Positive Men ( <i>PI: Millar</i> )	External consultant	2018-2020

**OTHER RESEARCH RELATED ACTIVITIES**

June 2015 Invited participant, Workshop on Implementation of Sleep and Circadian Science, a 1-day working group jointly organized by the Sleep Research Society and National Institutes of Health. Description: a meeting of 20-30 experts to discuss translation of evidence-based interventions for sleep and circadian disorders into practice strategies that benefit population health and patient outcomes.



- August 2016 Invited participant, Circadian Health and Light, a 2-day workshop at the National Heart, Lung, Blood Institute, Bethesda, MD. Description: small meeting of 8-10 experts to discuss the biological importance of light, the potential public health opportunities, and the research strategies needed to advance an agenda supporting “biologically appropriate” lighting in the man-made environment.
- June 2019 Topic Chair, Phase Disorders section, Circadian Rhythm Sleep-Wake Disorders Workshop, a 1-day working group organized by the Sleep Research Society. Description: a meeting of 20-30 experts to discuss the current state of the science and knowledge gaps for circadian rhythm sleep-wake disorders (CRSWDs) in an effort to raise the profile of CRSWDs and stimulate additional high-quality research. I was invited by the organizers to serve as Topic Chair and lead the 5 experts attached to my section (Phase Disorders) in this mission. I then led our group in drafting a manuscript (June-August 2019) that was part of a white paper summarizing the conclusions of the overall working group submitted for publication and currently (as of October 8, 2020) under a second round of review at the journal SLEEP.

#### Specialized training:

- March 2010 Participant, Signal Analysis of Sleep Recordings, a 2-day workshop by the American Association of Sleep Technologists, Pittsburgh, PA
- April 2010 Auditor, Career Development Institute for Psychiatry, Pittsburgh PA
- 2011-2012 Participant, Responsible Conduct of Research Certificate Program, University of Pittsburgh Clinical and Translational Science Institute
- January 2013 Participant, SPM for Basic and Clinical Investigators, Neurometrika, Center for Neural Basis of Cognition, Pittsburgh, PA
- April 2013 Participant, Course in Scientific Management and Leadership, Office of Academic Career Development, University of Pittsburgh
- January 2014 Participant, Advanced fMRI Design and Analysis Using SPM, Neurometrika, Center for Neural Basis of Cognition, Pittsburgh, PA
- 2014-2015 Participant, Career Mentoring Program (CaMP), University of Pittsburgh School of Medicine
- May 2018 Participant, Brain Connectivity Methods, Neurometrika, Center for Neural Basis of Cognition, Pittsburgh, PA
- Feb-Mar 2021 Participant, ICRE Mentoring Workshop, Institute for Clinical Research Education, University of Pittsburgh, Pittsburgh, PA

#### Journal refereeing:

- 2008- Behavioral Sleep Medicine  
 2008- Psychosomatic Medicine  
 2009- Infant Behavior and Development  
 2009- Journal of Applied Physiology  
 2010- Psychoneuroendocrinology  
 2010- Journal of Clinical Sleep Medicine  
 2010- Depression Research and Treatment  
 2010- Emotion  
 2010- Chronobiology International  
 2011- Developmental Science  
 2011- Psychiatry Research  
 2011- Bipolar Disorders  
 2012- Sleep  
 2012- Journal of Affective Disorders

2012- Behavior Research and Therapy  
 2013- Journal of Abnormal Psychology  
 2013- Journal of Dual Diagnosis  
 2013- Journal of Psychiatry and Neuroscience  
 2013- Substance Abuse and Rehabilitation  
 2013- Biological Psychiatry  
 2014- Alcohol  
 2014- American Journal of Drug and Alcohol Abuse  
 2014- Journal of Psychosomatic Research  
 2014- Personality and Individual Differences  
 2014- NeuroImage  
 2014- Developmental Cognitive Neuroscience  
 2014- American Journal of Psychiatry  
 2015- The Journal of Clinical Psychiatry  
 2015- Sleep Medicine  
 2015- Journal of Psychiatric Research  
 2015- Clinical Psychological Science  
 2015- Journal of Adolescent Health  
 2016- Social Cognitive & Affective Neuroscience  
 2016- Journal of Adolescence  
 2016- Developmental Psychology  
 2016- Addiction  
 2016- American Journal of Epidemiology  
 2016- Journal of Early Adolescence  
 2016- Journal of Child Psychology and Psychiatry  
 2017- Sleep Health  
 2017- Journal of Addictive Diseases  
 2017- Drug and Alcohol Dependence  
 2017- Translational Psychiatry  
 2018- Health Psychology  
 2018- Alcohol and Alcoholism  
 2018- Current Directions in Psychological Science  
 2018- Neuroscience & Biobehavioral Reviews  
 2018- Human Brain Mapping  
 2019- Journal of Biological Rhythms  
 2019- Frontiers in Neuroendocrinology  
 2020- Addictive Behaviors  
 2020- Experimental Results  
 2020- Frontiers in Psychiatry  
 2020- Nutrition Research Reviews  
 2020- Psychology of Addictive Behaviors  
 2021- Journal of Clinical Investigation  
 2021- Neuropsychopharmacology  
 2022- Annals of Behavioral Medicine

Abstract reviewer:

2007 Association for Psychological Science  
 2010 Sleep Research Society  
 2019 Sleep Research Society

Book proposal reviewer:

2018 Cambridge University Press  
 2020 Oxford University Press (focus area: clinical psychology)

**GRANT REVIEWING**

External Grant Reviewer, VISN 4 Competitive Pilot Project Fund, US Department of Veterans Affairs, 2013  
 Grant Reviewer, Dissertation Grant Award Committee, Society for a Science of Clinical Psychology, 2013

- Grant reviewer, SAMENTA Program, Agence Nationale de la Recherche (French National Research Agency), 2013
- Grant reviewer, Veni Grant - Innovational Research Incentives Scheme, Social Sciences Division, Netherlands Organisation for Scientific Research (NWO), 2014
- Grant reviewer, Mitacs Accelerate Research Internship Program, Mitacs Canada, 2017, 2022.
- Ad Hoc Reviewer, Neuroscience Review Subcommittee (AA-4 1), National Institutes of Health, 2017, 2018.
- Reviewer, NIH Common Fund special review initiative on the Science of Behavior Change (ZRG1 BBBP-50R), National Institutes of Health, 2018.
- Examiner, Thesis for doctoral student in psychology at the Swinburne University of Technology, September 2018.
- Reviewer, NIH-NHLBI special review on the HEAL Initiatives on sleep and circadian-dependent mechanisms contributing to opiate use disorder (OUD) and response to medication assisted treatment (MAT), clinical trial not allowed, and clinical trial optional (ZHL1 CSR-A (S2) 1), National Institutes of Health, June 2019.
- Reviewer, NIH-NIAAA review for RFA AA 19-006 Mechanistic studies on chronic alcohol use and sleep homeostasis (ZAA1 DD (06)), NIH teleconference, July 2019.
- Grant reviewer, Sir Henry Dale Fellowship, Wellcome Trust, London, UK, November 2019.
- Reviewer, NIH Special Emphasis Panel (ZRG1 BBBP-J 03 M) NIH teleconference, April 2020.
- Reviewer, NIH-NIGMS Special Emphasis Panel/Scientific Review Group (2020/10 ZGM1 RCB-2 (C1) to review PAR-19-313/Centers of Biomedical Research Excellence (COBRE) Phase 1 (P20 - Clinical Trial Optional), NIH Zoom review meeting, June 2020.
- Reviewer, NIDA Special Emphasis Panel/Scientific Review Group 2022/05 ZDA1 LXF-C (06) R - Mechanistic studies on the impact of social inequality on the substance use trajectory, NIH Zoom review meeting, February 2022.

## LIST OF CURRENT RESEARCH INTERESTS

- 1) Role of sleep and circadian rhythms in modulating affect and motivation
- 2) Role of sleep and circadian rhythms in the onset and escalation of substance involvement
- 3) Mechanisms linking chronotype to mood disorders and substance involvement
- 4) Neural mechanisms associated with insomnia and circadian rhythm disorders

## INVITED SEMINARS AND LECTURESHIPS

### Local

1. **Hasler BP**, Mehl M, Bootzin RR. *Circadian rhythms found in the naturalistic behavioral expression of positive but not negative mood*. Invited presentation during Trainee Symposia Series at the 20th Anniversary Meeting of the Associated Professional Sleep Societies, Salt Lake City, UT, June 2006.
2. **Hasler BP**, Mehl M, Bootzin RR. *Diurnal rhythms found in the naturalistic behavioral expression of positive but not negative mood*.
  - a. Invited presentation for the Social Psychology Brown Bag Speaker Series, University of Arizona, Tucson, AZ, December 2006.
  - b. Invited presentation for the Clinical Psychology Program Research Deluge, University of Arizona, Tucson, AZ, December 2006.
3. **Hasler BP**. *Circadian misalignment and reward dysfunction: A novel pathway to adolescent substance use*. Invited talk given as part of Researchers on the Rise Lecture Series, Department of Psychiatry, University of Pittsburgh, Pittsburgh, PA, February 2013.

4. *Delirium, Melatonin & Sleep*. Chair and expert discussant for Journal Club presentation at Western Psychiatric Institute and Clinic, June 2013.
5. **Hasler BP**. *Circadian rhythms and emotion regulation: Clinical evidence*. Part of 2013 Western Psychiatric Institute and Clinic's Summer Seminar Series, Pittsburgh, PA, August 8, 2013
6. *CBT for Insomnia in Alcohol Dependence*. Chaired Journal Club presentation at Western Psychiatric Institute and Clinic, February 2014.
7. **Hasler BP**. *Insomnia Assessment and Behavioral Treatment "How-To" in Patients with Comorbid Pain Disorders*. Part of videoconference entitled Sleep Disorders and Pain. 2014 Fall Videoconference Series at Western Psychiatric Institute and Clinic of UPMC, Pittsburgh, PA, November 2014.
8. **Hasler BP**. *Sleep, Sleep Disorders, and ADHD*. Invited speaker at 4th Annual Conference on ADHD and Executive Function, Monroeville, PA, September 2015.
9. **Hasler BP**. *Does Reward Have a Rhythm? Evidence for Circadian Modulation of Positive Affect and Appetitive Motivation*. Invited speaker at Clinical Psychology Brown Bag, Department of Psychology, University of Pittsburgh, Pittsburgh, PA, December 2015.
10. *Circadian rhythms and sleep in bipolar disorder: implications for pathophysiology and treatment*. Expert discussant for Clinical Grand Rounds presentation at Western Psychiatric Institute and Clinic, March 2016.
11. **Hasler BP**. *All in the timing: Sleep, impulsivity, and response to alcohol in adult social drinkers*. Invited speaker for Speed Data-ing Session at Department of Psychiatry Research Day, University of Pittsburgh School of Medicine, June 2016.
12. **Hasler BP**. *Night Owls, Social Jet Lag, and Teen Substance Abuse*. Invited speaker for Western Psychiatric Institute and Clinic Leadership Meeting, Pittsburgh, PA, October 2017.
13. **Hasler BP**. *Adverse Health Outcomes Associated with Circadian Misalignment in Children and Adolescents*. Invited speaker for Grand Rounds presentation in Multidisciplinary Sleep and Chronobiology Conference, Center for Sleep and Circadian Science, University of Pittsburgh, Pittsburgh, PA, November 2017.
14. *Translational Circadian Rhythms Methods Symposium*. Invited chair for symposium at 3<sup>rd</sup> annual Center for Sleep and Circadian Science Research Day, University of Pittsburgh, Pittsburgh, PA, November 2017.
15. **Hasler BP**. *Sleep and ADHD*. Invited speaker for 7th Annual Conference on ADHD and Executive Function, Canonsburg, PA, September 2018.
16. **Hasler BP**. *Light at night: Risk factor for health?* Invited speaker for Dark Skies Conference at Carnegie Mellon University, Pittsburgh, PA, June 2019.
17. **Hasler BP** and Kline CE. *The importance of sleep for optimizing athletic performance and recovery: Background and recommendations*. Invited speaker for talk to Duquesne University Athletics Department, [VIRTUAL], February 2021, February 2022.

## Regional

18. **Hasler BP**. *Sleep and circadian rhythm effects on substance use in adolescents and young adults*. Invited speaker for 9<sup>th</sup> Annual Meeting of the Pennsylvania Sleep Society, Harrisburg, PA, May 2017.

## National

19. **Hasler BP**, Mehl M, Bootzin RR. *Circadian rhythms found in the naturalistic behavioral expression of positive but not negative mood*. Invited presentation during Trainee Symposia Series at the 20th Anniversary Meeting of the Associated Professional Sleep Societies, Salt Lake City, UT, June 2006.
20. Bootzin RR, **Hasler BP**. *Applying knowledge from circadian rhythm research to the treatment of sleep disturbance in adolescents with a substance abuse history*. Paper presented in symposium on future

directions in behavioral sleep medicine. Convention of the Association of Behavioral and Cognitive Therapies, Chicago, IL, November 2006.

21. **Hasler BP.** *The phase relationships between core body temperature, melatonin and sleep are associated with the severity of global and anhedonic depression.* Part of symposium entitled Circadian Rhythms: Emerging Biomarkers for the Diagnosis and Treatment of Mood Disorder. 25th Annual Meeting of the Associated Professional Sleep Societies, Minneapolis, MN, June 2011.
22. **Hasler BP, Troxel WM.** *The use of sleep and circadian methodology in relationship research: a means to study novel pathways to psychological and physiological co-regulation.* Invited talk given in the Methodological and Statistical Advances in the Study of Health, Emotions, and Relationships symposium. International Association of Relationship Research's (IARR) 2011 Mini-Conference, University of Arizona, Tucson, AZ, October 2011.
23. **Hasler BP, Martin CS, Wood DS, Clark DB.** *A longitudinal examination of insomnia and other sleep complaints in adolescents with and without alcohol use disorders.* In L. Fucito (chair). Part of symposium entitled New Insights into Alcohol and Sleep Interactions: A Translational Perspective. Annual Meeting of the Research Society on Alcoholism, Orlando, FL, June 2013.
24. **Hasler BP.** *Circadian modulation of reward function: Relevance to adolescent affective and substance use disorders.* Invited speaker ("Young Investigator") at the William C. Dement Sleep and Chronobiology Behavioral Science Research Apprenticeship Program, West Greenwich, RI, August 19-21, 2013.
25. **Hasler BP.** *Circadian mechanisms of reward function.* Part of symposium entitled Reward Processing: The Impact of Sleep on What We Find Reinforcing. 28th Annual Meeting of the Associated Professional Sleep Societies, Minneapolis, MN, June 2014.
26. **Hasler BP.** *Circadian rhythms in psychiatric disorders.* Part of symposium entitled A Perfect Time for Chronomedicine. 28th Annual Meeting of the Associated Professional Sleep Societies, Minneapolis, MN, June 2014.
27. Baker FC, **Hasler B**, Colrain IM, Clark DB, De Bellis MD, Nagel B, Brown SA, Rohlfing T, Nichols BN, Chu W, Prouty D, Fama R, Pfefferbaum A, Tapert SF, Sullivan EV. *Age & sex differences in cognitive, motor, & sleep indices: Initial findings of the National Consortium on Alcohol & Neurodevelopment in Adolescence.* Part of symposium entitled National Consortium on Alcohol & Neurodevelopment in Adolescence: Baseline Findings. 38th Annual Meeting of the Research Society on Alcoholism, San Antonio, TX, June 2015.
28. **Hasler BP.** *Rhythms in reward: Relevance to adolescent mood and substance use disorders.* Invited speaker for 2016 Developmental Psychobiology Research Group Retreat at the University of Colorado School of Medicine, Denver, CO, May 2016.
29. **Hasler BP.** *Evidence for circadian modulation of reward in humans and its relevance to adolescent substance abuse.* Part of symposium entitled 'Circadian Rhythms in the Context of Addiction, Mood and Neurodegenerative Disorders'. 15<sup>th</sup> Annual Meeting of the Society for Research on Biological Rhythms, Tampa Bay, FL, May 2016.
30. **Hasler BP.** *The Importance of Circadian and Sleep in Addiction: Human evidence.* Invited speaker for 'The Importance of Circadian Rhythms and Sleep in Addiction: Translational and Clinical Issues Seminar', as part of the jointly NIAAA/NIDA-sponsored Cutting Edge Series. Rockville, MD, March 2017.
31. **Hasler BP.** *Health Outcomes Associated with Circadian Misalignment.* Part of invited symposium entitled 'Translational Circadian Science'. 9<sup>th</sup> Biennial Pediatric Sleep Medicine Meeting, Amelia Island, Florida, November 2017.
32. *Circadian preference and sleep timing predict risk for substance use in adolescence: Initial findings from the NCANDA study.* Invited speaker for Research into Action Webinar, Community Anti-Drug Coalitions of America, January 2018.

33. *Night Owls, Shift Workers, and Circadian Health*. Invited co-chair for Oral Session at 32<sup>nd</sup> Annual Meeting of the Associated Professional Sleep Societies, Baltimore, MD, June 2018.
34. **Hasler BP**. *Sleep Disturbances and Risk for Alcohol Problems: Different Pathways for Males and Females?* Invited speaker for 2018 Research Conference on Sleep and the Health of Women, National Institute of Health, Bethesda, MD, October 2018.
35. **Hasler BP**. *Rhythms and reward: Do circadian factors contribute to risk for adolescent substance use?* Invited speaker for Noon Seminar Series in the Department of Mental Health at the Bloomberg School of Public Health at Johns Hopkins University, Baltimore, MD, February 2019.
36. **Hasler BP**. *Rhythms and reward: Do circadian factors contribute to risk for adolescent substance use?* Invited speaker for Grand Rounds in the Psychiatry Department at the University of Michigan, Ann Arbor, MI, March 2019.
37. **Hasler BP**. *Rhythms and reward: Do circadian factors contribute to risk for adolescent substance use?* Invited speaker for Grand Rounds in the Psychiatry Department at the University of Alabama at Birmingham, Birmingham, AL, December 2019.
38. **Hasler BP**. *Rhythms and reward: Do sleep and circadian factors during adolescence contribute to risk for substance use?* Invited speaker for Brigham Young University Neuroscience Seminar at Brigham Young University, Provo, UT [VIRTUAL], October 2020.
39. **Hasler BP**. *Sleep/circadian predictors of adolescent substance use: Update on emerging data and putative mechanisms*. Invited speaker for 2021 Advances in Sleep and Circadian Science Series, Sleep Research Society [VIRTUAL], February 2021.
40. *Sleep and Substance Use Among Adolescents and Young Adults*. Invited discussant for symposium at Collaborative Perspectives on Addiction conference (for APA Division 50), [VIRTUAL], March 2021.
41. **Hasler BP**. *Sleep and circadian factors in substance use and mood: A selective overview*. Invited speaker for NIMH Virtual Workshop: “Sleep and Suicide Prevention: Advancing Innovation and Intervention Opportunity”, National Institute of Mental Health, [VIRTUAL], May 26 & 27, 2021. <https://www.nimh.nih.gov/news/events/2021/sleep-and-suicide-prevention-workshop-advancing-innovation-and-intervention-opportunity>
42. **Hasler BP**. *Sleep/circadian risk for substance use: Relevance to adolescents and potential mechanisms*. Invited speaker for seminar at Columbia University Irving Medical Center – Sleep Center of Excellence, [VIRTUAL], December 6, 2021.
43. **Hasler BP**. *Sleep/circadian risk for substance use: Relevance to adolescents and potential mechanisms*. Invited speaker for seminar for Manber Sleep Research Group at Stanford University, [VIRTUAL], February 7, 2022.
44. **Hasler BP**. *Relevance of circadian rhythms to substance use: Potential mechanisms and clinical implications*. Invited speaker for seminar for UPMC Center for Psychiatric and Chemical Dependency Services/Addiction Medicine clinicians, [VIRTUAL], May 3, 2022.
45. **Hasler BP**. [TITLE TBD]. Invited speaker for National Sleep Foundation’s Adolescent Sleep Health Conference, [VIRTUAL], June 22, 2022.
46. **Hasler BP**. *Sleep and circadian-related risk for alcohol use: Reward function and impulsivity as putative mechanisms*. Invited speaker for 2022 NIDA-NIAAA Frontiers in Addiction Research Mini-Convention. [scheduled for October or November 2022—final date pending]

## International

47. **Hasler BP**. *Sleep and Circadian Rhythms in Relation to Positive and Negative Affect Systems*. Part of symposium entitled ‘The role of sleep and insomnia in stress, emotion regulation and psychiatric symptoms’. 6th World Congress on Sleep Medicine, Seoul, South Korea, March 2015.
48. **Hasler BP**. *Sleep and circadian function in adolescents and young adults who use alcohol*. Part of symposium entitled ‘What is the Role of Sleep in Substance Use? Evidence from Studies of Cannabis,

Alcohol, and Opioid Use.’ 79th Annual Meeting - College on Problems of Drug Dependence, Montreal, Canada, June 2017. (co-chair for symposium)

Media interviews (selected examples):

NYTimes.com – Marriage linked with better sleep (6/10/09)  
 Wired.com – Twitter-mining captures global mood patterns (9/29/11)  
 PBS NewsHour – The science of sleeping in, and why you probably shouldn’t (July 3, 2015)  
 TODAY.com – What happens when a night owl works the early shift? (2/12/13)  
 Scientific American Mind – Out of sync (Sept/Oct 2015 issue)  
 TODAY.com – It’s daylight saving time! 6 tips to help you deal with the change (3/11/16, updated 3/06/20)  
 PITTMED magazine – Out of sync (Summer 2016 issue)  
 CBS Pittsburgh (KDKA) – Study: Sleep habits linked to adolescent drug and alcohol use (9/19/16)  
 KQV Radio – Pitt research links sleep habits to adolescent drug and alcohol use (9/19/16)  
 Triblive.com (Pittsburgh Tribune) – In a heartbeat: Effects of daylight saving time (10/31/16)  
 LiveScience.com – The longest night: Do we sleep better on the solstice? (12/20/16)  
 TODAY.com – Trouble sleeping? Wearing amber-tinted glasses before bed might help (1/9/18)  
 Vice.com (Vice Magazine) – This is why some people feel most creative at night (3/13/18)  
 90.5 WESA [radio interview] – Chill out, the lack of sleep caused by daylight saving time makes many people sluggish and emotional (3/11/18)  
 CNN.com – Teens slept 45 minutes more a night when their school district tried a new scheduling strategy (4/15/21)  
 Pittsburgh Post-Gazette –The end of daylight saving time is good for our brains (11/7/21)

**DEPARTMENTAL SERVICE**

Graduate Representative, Clinical Psychology Program, University of Arizona, 2004-2006  
 Member, WPIC Psychotherapy Training Committee, 2008 – 2009  
 Member, Research Review Committee, Western Psychiatric Hospital, 2012-present  
 Application Reviewer, Clinical Psychology Internship Program, Western Psychiatric Hospital, 2012 – present  
 Special K01 Committee Member for Stephen Smagula, PhD, 2016, Impact score = 24; funded March 2017  
 Co-Director, Multidisciplinary Sleep and Chronobiology Conference, Center for Sleep and Circadian Science, University of Pittsburgh, 2018-2020  
 Chair, Special K23 Committee for Rachel Kolko, PhD, 2020, submitted June 2020.  
 Committee Member, FIRST (First R-level application) Committee for Stephen Smagula, PhD, 2020, R01 submitted May 2020; resubmitted March 2021; funded September 2021.  
 Committee Member, FIRST (First R-level application) Committee for Jessica Levenson, PhD, 2020, R34 submitted October 2020; resubmitted June 2021.  
 Chair, FIRST (First R-level application) Committee for Rachel Kolko, PhD, 2020, R01 submitted January 2022.  
 Steering Committee Member, Developmental Alcohol Research Training (DART) Program (T32 AA007453), 2019-present

**NATIONAL SERVICE**

Trainee Member-at-Large, Board of Directors, Sleep Research Society, 2009 – 2011

- Member, Membership Committee, Society of Behavioral Sleep Medicine, 2010 – 2013
- External Grant Reviewer, VISN 4 Competitive Pilot Project Fund, US Department of Veterans Affairs, 2013
- Grant Reviewer, Dissertation Grant Award Committee, Society for a Science of Clinical Psychology, 2013
- Member, Sleep Research Society Task Force on National Institute of Drug Abuse Strategic Plan, 2015
- Chairperson, Sleep Research Society Task Force on NCAA Mental Health Best Practice Guidelines, 2016
- Committee Member, Trainee Education Advisory (TEAC) Committee, Sleep Research Society, 2016 - 2019
- Ad Hoc Reviewer, Neuroscience Review Subcommittee (AA-4 1), National Institutes of Health, 2017, 2018.
- Reviewer, NIH Common Fund special review initiative on the Science of Behavior Change (ZRG1 BBBP-50R), National Institutes of Health, 2018.
- Member, Editorial Board, *Behavioral Sleep Medicine*, 2019-present.
- Member, Board of Reviewing Editors, *SLEEP Advances*, 2020-present.
- Member, Presidential Work Group: Digital Therapeutics Prescription Task Force, Society of Behavioral Sleep Medicine, 2021-present.
- Reviewer, NIH-NHLBI special review on the HEAL Initiatives on sleep and circadian-dependent mechanisms contributing to opiate use disorder (OUD) and response to medication assisted treatment (MAT), clinical trial not allowed, and clinical trial optional (ZHL1 CSR-A (S2) 1), National Institutes of Health, June 2019.
- Reviewer, NIH-NIAAA review for RFA AA 19-006 Mechanistic studies on chronic alcohol use and sleep homeostasis (ZAA1 DD (06)), NIH teleconference, July 2019.
- Reviewer, NIH Special Emphasis Panel (ZRG1 BBBP-J 03 M) NIH teleconference, April 2020.
- Reviewer, NIH-NIGMS Special Emphasis Panel/Scientific Review Group (2020/10 ZGM1 RCB-2 (C1) to review PAR-19-313/Centers of Biomedical Research Excellence (COBRE) Phase 1 (P20 - Clinical Trial Optional), NIH Zoom review meeting, June 2020.
- Reviewer, NIDA Special Emphasis Panel/Scientific Review Group 2022/05 ZDA1 LXF-C (06) R - Mechanistic studies on the impact of social inequality on the substance use trajectory, NIH Zoom review meeting, February 2022.
- Review Editor, Editorial Board, Editorial Board of Precision Sleep Medicine, *Frontiers in Sleep*, 2022-present.
- Invited Key Opinion Leader, Circadian Rhythm Disorders Roundtable Discussion organized by the Industry Advisory Council of the Sleep Research Society Foundation; September 2021, April 2022.
- Committee Member, Science and Research Committee, Society of Behavioral Sleep Medicine, 2022-present.

## **INTERNATIONAL SERVICE**

- Grant reviewer, SAMENTA Program, Agence Nationale de la Recherche (French National Research Agency), 2013
- Grant reviewer, Veni Grant - Innovational Research Incentives Scheme, Social Sciences Division, Netherlands Organisation for Scientific Research (NWO), 2014
- Grant reviewer, Mitacs Accelerate Research Internship Program, Mitacs Canada, 2017, 2022.
- External examiner, PhD Thesis (Jamie Byrne, PhD), Graduate Studies, Swinburne University of Technology, September 2018.
- Grant reviewer, Wellcome Sir Henry Dale Fellowship, Wellcome Trust, November 2019.
- Grant reviewer, Division of Biology and Medicine, Swiss National Science Foundation, June 2021, June 2022.





**CURRICULUM VITAE**  
**BRANT P. HASLER, PH.D.**  
*University of Pittsburgh*  
*School of Medicine*  
*July 13, 2022*

**TABLE OF CONTENTS**

	<u>Page</u>
Biographical Information	1
Education and Training	1
Appointments and Positions	2
Certification and Licensure	2
Memberships in Professional and Scientific Societies	2
Honors and Awards	3
Publications	
Peer-reviewed Articles:	3
Other Peer-reviewed Publications:	7
Manuscripts Under Review or in Preparation	8
Other Non-peer-reviewed Publications:	9
Published Research Abstracts and Presentations	10
Professional Activities	
Teaching	17
Clinical Supervision	21
Research mentorship	25
Teaching-related Committees and Activities	29
Research	
Grant Support	
Active	29
Pending	31
Completed	31
Other research related activities	32
Journal reviewing	33
Grant reviewing	34
Invited Seminars and Lectureships	35
Media Interviews (selected)	38
Departmental Service	38
National Service	39
International Service	40