**Curriculum Vita**

**Emily E. Hartwell, CPhil, MA**

Department of Psychology

University of California, Los Angeles

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| Education |

2012-2018 **University of California, Los Angeles**, Los Angeles, CA *Ph.D. in Clinical Psychology*

*Minor in Quantitative Methods*

Dissertation Title: Alcohol craving: Clinical, assessment, & genetic

considerations

Committee Chair: Lara Ray, PhD

Committee Members: Drs. Steve Lee, Alicia Izquierdo, Christine Grella

2017-2018 **West Los Angeles Veterans Affairs**, Los Angeles, CA

*Predoctoral Psychology Clinical Internship*

Director of Training: Anna Okonek, PhD

2012-2014 **University of California, Los Angeles**, Los Angeles, CA *M.A. in Clinical Psychology*

Master’s Thesis: Pharmacogenetics of naltrexone and varenicline in

heavy drinking smokers

Committee Chair: Lara Ray, PhD

Secondary Advisor: David Jentsch, PhD

2004-2008 **North Carolina State University**, Raleigh, NC *B.A. in Political Science*, Cum Laude

Completed University Honors Program

Minors: Microbiology and Spanish

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| Professional appointments |

2018-present Postdoctoral Fellowship

Crescenz VA Medical Center, Philadelphia, PA

Advanced Fellowship Program in Mental Illness Research and Treatment

Mentor: Henry Kranzler, MD

2018-present Research Associate

University of Pennsylvania

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| Honor & Awards |

2013-2017 **Student Merit Award**, Research Society on Alcoholism

2012-2017 **UCLA Psychology Department Travel Award** (award each year)

2015 **NIDA Women and Sex/Gender Differences Junior Investigator Travel**

**Award** to attend the annual meeting of the College on Problems of Drug Dependence

2013 **Graduate Summer Research Mentorship Award**, UCLA Graduate Division

2012-2013 **Distinguished University Fellowship**, UCLA Graduate Division

2011 **NIAAA/NIDA Early Career Investigator Travel Award** to attend the annual meeting of the American Psychological Association

2010 **Summer Research** **Fellow**, NIDA-sponsored Drug Abuse Research Training (DART) Program, Medical University of South Carolina (MUSC), Charleston, SC

2004-2008 **Dean’s List**, NC State University

2007 Member, **Pi Sigma Alpha**, Political Science Honor Society, NC State University

2006 Member, **Gamma Beta Phi Honor Society**, NC State University

2005 Member, **Phi Eta Sigma**, Freshman Honor Society, NC State University

2005 **First Year College Scholarship**, NC State University

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| Grant Support |

NIDA

T32 DA07272-21 Grella, C. (PI) 07/2013-06/2016

Integrated Substance Abuse Programs (ISAP)

Role: Predoctoral Research Fellow

Mentors: Drs. Lara Ray, Suzette Glasner-Edwards, Mitch Karno

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| publications |

1. **Hartwell, E.E.**, & Ray, L.A. (in press at *Addictive Behaviors Reports*) Relationship between tonic and phasic craving for alcohol.
2. Ray, L.A., Green, R., Roche, D.J.O., Bujarski, S., **Hartwell**, **E.E.,** Lim, A.C., Rohrbaugh, T., Ghahremani, D., Hutchison, K.E., & Miotto, K. (in press at *Alcohol: Clinical and Experimental Research*) Pharmacogenetic effects of naltrexone in individuals of east Asian descent: Human laboratory findings.
3. **Hartwell, E.E.**, & Ray, L.A. (2017) Craving as a DSM-5 symptom of alcohol use disorder in non-treatment seekers. *Alcohol and Alcoholism,* 1-6.
4. Ray, L.A., Bujarski, S., Yardley, M., Roche, D.J.O, & **Hartwell, E.E.** (2017) Differences between treatment-seeking and non-treatment seeking participants in medication studies for alcoholism: Do they matter? *American Journal of Drug and Alcohol Abuse,* 1-8.
5. **Hartwell, E.E.**, Moallen, N., Courtney, K.E., Glasner-Edwards, S., & Ray, L.A. (2016) Gender differences in the association of internalizing symptoms and craving in methamphetamine users. *Journal of Addiction Medicine, 10*(6), 395-401.
6. Glasner-Edwards, S., **Hartwell, E.E.**, Mooney, L., Garneau, H.C., Brecht, M.-L., Rawson, R. (2016) Changes in stress reactivity among stimulant dependent adults after treatment with mindfulness based relapse prevention. *Journal of Addiction Research and Therapy, 7*(5).
7. Glasner-Edwards, S., Mooney, L.J., Ang, A., Garneau, H.C., **Hartwell, E.E.,** Brect, M.-L.,& Rawson, R.A. (2016) Mindfulness based relapse prevention for stimulant dependent adults: A pilot randomized clinical trial. *Mindfulness*, 1-10*.*
8. **Hartwell, E.E.**, Bujarski, S., Glasner-Edwards, S., & Ray, L.A. (2015) The association of alcohol severity and sleep quality in problem alcohol users. *Alcohol and Alcoholism, 50*(5), 536-541.
9. Roche, D.J.O., Bujarski, S., **Hartwell, E.E.**, Green, R., & Ray, L.A. (2015) Varenicline, naltrexone, and their combination for heavy-drinking smokers: Effects on smoking topography. *Pharmacology, Biochemistry and Behavior, 134*, 92-98.
10. Bujarski, S., Roche, D., Lunny, K., Moallen, N., Courtney, K.E., Allen, V., **Hartwell, E.**, Leventhal, A., Rohrbaugh, T., & Ray, L.A. (2014) The relationship between methamphetamine and alcohol use in a community sample of methamphetamine users. *Drug and Alcohol Dependence, 142*, 127-132.
11. **Hartwell, E.E.**, Pfeiffer, J., McCauley, J., Moran, M.M., & Back, S.E. (2014) Sleep disturbances among individuals with prescription opioid dependence. *Addictive Behaviors, 39* (10), 1537-1542.
12. Back, S.E., Killeen, T.K., Teer, A.P., **Hartwell, E.E.**, Federline, A., Beylotte, F., & Cox, E.Q. (2014). Substance use disorders and PTSD: An exploratory study of treatment preferences among military Veterans. *Addictive Behaviors, 39* (2), 369-373.
13. **Hartwell, E. E.,** & Ray, L. A. (2013). Sex moderates stress reactivity in heavy drinkers. *Addictive Behaviors, 38* (11), 2643-2646.
14. Courtney, K.E., Ashenhurst, J., Bacio, G., Moallem, N., Bujarski, S., **Hartwell, E.E.** & Ray, L.A. (2013) Subjective responses to alcohol and alcohol craving: Validation of the desires for alcohol questionnaire in the human lab. *Journal of Studies on Alcohol & Drugs, 74*(5), 797-802.

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| manuscripts Under review or in Revisions |

1. Roche, D.J.O., Bujarski, S., Green, R., **Hartwell, E.E.,** Leventhal, A., & Ray, L.A. (under review). Alcohol and tobacco consumption is associated with increased odds of same day marijuana use.

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| Research Presentations |

*Invited Presentations*

1. **Hartwell, E.E.** (2018) Craving in non-treatment seeking alcohol users: Clinical considerations. NIAAA, Bethesda, MD.

*Symposium and Workshops*

1. **Hartwell, E.E.**, Karno, M., & Ray, L.A. (2017) Brief motivational intervention for alcohol use disorder: Scientific rationale, empirical evidence, and hands-on training for practicing psychiatrists. American Academy of Addiction Psychiatry, San Diego, CA.

*Oral Presentations*

1. **Hartwell, E.E.** (2015) Genetic and environmental determinants of drug abuse. Drug Abuse Research Day at Drew University, Los Angeles, CA.
2. **Hartwell, E.E.**, & Ray, L.A. (2015) Gender differences in craving and internalizing symptoms in methamphetamine dependence. College on Problems of Drug Dependence meeting, Phoenix, AZ.
3. **Hartwell, E.E.,** & Ray, L.A. (2014) Pharmacogenetics of naltrexone and varenicline in heavy drinking smokers. PsychFest Symposium, UCLA, Los Angeles, CA.
4. **Hartwell, E.E.**,Lawson, K., Singleton, L., & Back, S.E. (2010) Gender differences in presenting characteristics and severity of substance use among individuals with prescription opioid dependence. College on Problems of Drug Dependence, Scottsdale, AZ.
5. **Hartwell, E.E.**, Lawson, K., Singleton, L., & Back, S.E. (2010) Presenting traits and substance use among prescription opioid dependent individuals: A gender analysis. Drug Abuse Research Training (DART) Summer Fellowship Symposium, MUSC, Charleston, SC.

*Poster* Presentations

1. Hartwell, E.E. & Ray, L.A. (June 2018) Genetic makers of alpha-synuclein and their relationship with alcohol craving. Research Society on Alcoholism meeting, San Diego, CA.
2. **Hartwell, E.E.**, Green, R., & Ray, L.A. (June 2017) Performance of craving as a DSM-5 alcohol use disorder symptom in non-treatment seekers. Research Society on Alcoholism meeting, Denver, CO.
3. Roche, D.J.O., Bujarski, S., Green, R., **Hartwell, E.E.**, & Ray, L.A. (June 2017) Alcohol and tobacco consumption is associated with increased odds of same day marijuana use. Research Society on Alcoholism meeting, Denver, CO.
4. **Hartwell, E.E.**, Green, R., MacKillop, J. & Ray, L.A. (March 2017) Behavioral economics of varenicline and naltrexone in heavy drinking smokers. Society for Research on Nicotine and Tobacco, Florence, Italy.
5. **Hartwell, E.E.**, & Ray, L.A. (June 2016) Relationship of tonic craving and urges to drink during alcohol cue exposure. Research Society on Alcoholism meeting, New Orleans, LA.
6. **Hartwell, E.E.**, & Ray, L.A. (June 2016) Differences in clinical presentation between high and low impulsive methamphetamine users. College on Problems of Drug Dependence meeting, Palm Springs, CA.
7. Sanchez, V., **Hartwell, E.E.**, & Ray, L.A. (May 2016) Relationship between ADHD symptoms and methamphetamine use. Psychology Undergraduate Research Conference, Los Angeles, CA.
8. Yardley, M., **Hartwell, E.**, Roche, D., Bujarski, S., & Ray, L. (December 2015) Differences between treatment and non-treatment seeking alcoholics: Do they matter? American College on Neuropsychopharmacology, Hollywood, FL.
9. **Hartwell, E.E.**, McRae-Clarke, A.L., Ray, L.A., Brady, K.T., & Hartwell, K.J. (December 2015) Differences between urban and rural individuals with methamphetamine dependence. American Academy of Addiction Psychiatry, Huntington Beach, CA.
10. **Hartwell, E.E.**, Bujarski, S., Glasner-Edwards, S., & Ray, L.A. (June 2015) The association of sleep quality with alcohol severity and liver function in problem alcohol users. Research Society on Alcoholism meeting, San Antonio, TX.
11. Glasner-Edwards, S., Mooney, L.J., Ang, A., Chokron Garneau, H., **Hartwell, E.E.**, Brecht, M.L., & Rawson, R.A. (June 2015) Mindfulness-based relapse prevention improves stimulant use among stimulant dependent adults with major depression and generalized anxiety disorder. College on Problems of Drug Dependence meeting, Phoenix, AZ.
12. **Hartwell, E.E.**, Ray, L.A., Chokron Garneau, H., Brecht, M.L., & Glasner-Edwards, S. (November 2014) Changes in stress reactivity among stimulant users in response to a mindfulness-based intervention. Association of Behavioral and Cognitive Therapies annual meeting, Philadelphia, PA.
13. **Hartwell, E.E.**, Roche, D.J., & Ray, L.A. (June 2014) Pharmacogenetics of naltrexone and varenicline in heavy drinking smokers. Research Society on Alcoholism annual meeting, Seattle, WA.
14. **Hartwell, E.E**., & Ray, L.A. (June 2013) Gender moderates stress reactivity in heavy drinkers. Research Society on Alcoholism annual meeting, Orlando, FL.
15. Mercer, M.A., **Hartwell, E.E.,** Brady, K.T., & Back, S.E. (January 2013) Sleep quality, stress and drug cue reactivity among prescription opioid dependent individuals. Addiction Medicine Retreat, MUSC, Charleston, SC.
16. **Hartwell, E.E.**, Brady, K.T., & Back, S.E. (August 2012) Sleep disturbances among individuals with prescription opioid dependence. American Psychological Association annual meeting, Orlando, FL.
17. **Hartwell, E.E.**, Brady, K.T., & Back, S.E. (June 2012) Sleep quality and stress reactivity among individuals with prescription opioid dependence. College on Problems of Drug Dependence annual meeting, Palm Springs, CA.
18. Leger, J.E., Book, S.W., & **Hartwell, E.E.** (September 2011) The influence of social anxiety on readiness to change in drug and alcohol addiction outpatient rehabilitation. Drug Abuse Research Training (DART) Summer Fellowship Symposium, MUSC, Charleston, SC.
19. **Hartwell, E.E.**, Eaddy, J., Singleton, L., Brady, K.T., & Back, S.E. (August 2011) Development of a drug cue paradigm for prescription opioids. American Psychological Association annual meeting, Washington, D.C.
20. **Hartwell, E.E.**, Book, S.W., Randall, C.L., McGuan, E.B., Miller, P.M., Randall, P.K., Smith, J.P., Bernstein, G., Kushner, M.G., Maurer, E., Specker, S., & Thomas, S.E. (June 2011) Prevalence and importance of smoking to self-medicate social fears in socially anxious individuals who also use alcohol to cope: A gender analysis. Research Society on Alcoholism annual meeting, Atlanta, GA.
21. **Hartwell, E.E.**, Back, S.E., & Brady, K.T. (June 2011) Impaired sleep functioning in prescription opioid-dependent individuals. College on Problems of Drug Dependence annual meeting, Hollywood, FL.
22. Lawson, K., Singleton, L., **Hartwell, E.E.**,Brady, K.T., & Back, S.E. (June 2010) Gender differences in motives to use and sources of prescription opioids. College on Problems of Drug Dependence annual meeting, Scottsdale, AZ.
23. Singleton, L., Lawson, K., **Hartwell E.E.**,& Back, S.E. (May 2010) Gender and prescription opiates: A preliminary examination of motives and sources. Conference for Student Research on Addictions, Infectious Disease, and Public Health, Johns Hopkins University, Baltimore, MD.
24. **Hartwell, E.E.**,Lawson, K., Singleton, L., & Back, S.E. (May 2010) Gender differences in presenting characteristics and severity of substance use among individuals with prescription opioid dependence. Conference for Student Research on Addictions, Infectious Disease, and Public Health, Johns Hopkins University, Baltimore, MD.

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| Research Experience |

**2012-2018 Graduate Research Assistant**

*Addictions Lab, Department of Psychology, UCLA. PI: Dr. Lara Ray*

Duties: Conduct diagnostic interviews, neurocognitive clinical assessments, and motivational interviewing sessions with research participants for an inpatient study examining medication efficacy in methamphetamine dependent individuals, as well as various outpatient studies of alcohol dependent individuals. Assisted with study start-up for ecological momentary assessment study of nicotine dependent individuals. Duties include submission of IRB documents, creation of study database, creation of questionnaire battery, designing study advertising and recruitment.

**2011-2012 Senior Research Assistant**

*Alcohol Research Center, Department of Psychiatry and Behavioral Sciences, MUSC. Principal Investigators: Drs. Carla Kmett Danielson & Suzanne Thomas*

Duties: Organized and coordinated all aspects of the study start-up for an NIAAA-funded research component of the Charleston Alcohol Research Center, entitled Stress-Induced Drinking in Emerging Adults: The Role of Trauma History. Responsible for day-to-day implementation of the human laboratory study, administration of clinician-administered assessment instruments, data entry, quarterly data quality checks, and recruitment.

**2010-2011 Research Assistant**

*Center for Drug and Alcohol Programs, Department of Psychiatry and Behavioral Sciences, MUSC. Principal Investigators: Drs. Carrie Randall & Sarah Book*

Duties: Worked on an NIAAA-funded R01 entitled Phased Treatment of Social Anxiety and Coping Behaviors in a Medical Setting. Performed data entry, data management, and enrolled participants. Completed Core Clinical Research Training ethics course.

**2009-2010 Research Fellow**

*Clinical Neuroscience Division, Department of Psychiatry and Behavioral Sciences, MUSC. Principal Investigator: Dr. Sudie Back*

Duties: Performed data entry, database management, and assisted with statistical analysis using SPSS on a NIDA-funded study, entitled Prescription Opiate Use: Stress and Cues.

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| Clinical experience |

2017-2018 **Psychology Intern**, *West Los Angeles VA*

Clinical Rotations: Ambulatory Care, Substance Use Disorder Clinic, Health Psychology, Domiciliary, Long-term psychotherapy at HPACT

Responsibilities: Provide evidence based treatment, neuropsychological assessment, and psychodiagnostic assessment to a diverse group of Veterans from the greater LA community. Provide layered supervision of predoctoral psychology students.

Modalities: cognitive behavioral therapy, CBT for psychosis, motivational interviewing, Matrix model, mindfulness based relapse prevention, social skills training, and acceptance and commitment therapy.

Licensed Supervisors: Drs. Anna Okonek, Sara Jarvis, Donna Ames, Kevin Booker, Laurie Boxer, Christopher Jetton, Yong Song, Greg Serpa, Katherine Bailey, Joanna Rowles, Peter Graves, Jesse Barglow, Naomi Himmelfarb

2012-2018 **Research Therapist**, *UCLA Addictions Lab*

Responsibilities: Administer the Structured Clinical Interview for the DSM-IV (SCID), deliver Motivational Interviewing sessions with alcohol or methamphetamine dependent individuals, administer neuropsychological batteries with methamphetamine users, conduct interventions for tobacco cessation study. Supervised graduate students on SCID administration.

Supervisor: Lara Ray, PhD

Summer 2016 **Intake Team Supervisor**, *UCLA Psychology Clinic*

Responsibilities: Supervise beginning therapists during intake interviews.

Supervisor: Danielle Keenan-Miller, PhD

2015-2017 **Advanced Student Therapist**, *Substance Abuse & Health Track, UCLA Psychology Clinic*

Responsibilities: Provide CBT, interpersonal, and MI-based treatment to diverse individuals from the LA community.

Supervisors: Grace Rosales, PhD

2015-2017 **Research Therapist**, *Integrated Substance Abuse Programs, UCLA*

Responsibilities: Deliver Screening, Brief Intervention, and Referral to Treatment (SBIRT) and health education sessions to psychiatric inpatients at UCLA’s Ronald Reagan Hospital. Conduct alcohol feedback sessions and motivational interviewing intervention for alcohol users completing fMRI assessment.

Supervisors: Drs. Mitch Karno & Suzette Glasner-Edwards

2014-2015 **Practicum Student Therapist**, *Counseling and Psychological Services, UCLA*

Responsibilities: Conducted intake interviews and provided individual therapy to UCLA students using evidence-based practices. Co-led group psychotherapy using the Unified Protocol for anxiety disorders, CBT/ACT for depression, Motivational Interviewing for substance use disorders, and interpersonal process group. Assisted with creation of new group for survivors of trauma.

Supervisors: Shauna McManus, PsyD & Lisa Christensen, PhD

2013-2014 **Student Therapist**, *UCLA Psychology Clinic, UCLA*

Responsibilities: Conducted intake interviews and provided individual psychotherapy to adults and children using multiple evidence-based modalities.

Supervisors: Drs. Danielle Keenan-Miller, Jill Waterman, & Denise Chavira

2012-2014 **Assessor**, *UCLA Psychology Clinic, UCLA*

Responsibilities: Conducted intake interviews and completed comprehensive neuropsychological test batteries with adults and children. Provided written reports and feedback to clients of findings with academic recommendations.

Supervisor: Eric Miller, PhD

2010-2012 **Research Assessor**, *Center for Drug & Alcohol Programs, MUSC*

Responsibilities: Administered the Mini International Neuropsychiatric Interview (MINI), Timeline Follow-back, PTSD Checklist, and Life Events Checklist with individuals with social anxiety and trauma-exposed individuals.

Supervisors: Drs. Carla Danielson & Sudie Back

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| PRofessional training |

2017 Suicide Assessment and Prevention for Veterans

Instructor: Dr. Sharon Birman

2017 Working with Gender & Sexual Minority Veterans

Instructors: Drs. Greg Serpa, Grace Rosales, Aakash Kishore

2016 Columbia-Suicide Severity Rating Scale (C-SSRS) administration training

Instructor: Kelly Posner

2015 Screening, Brief Intervention, & Referral to Treatment (SBIRT) training

Instructor: Mitch Karno, PhD

2014 QPR Suicide Prevention Gatekeeper Training

BIOTA Alcohol and Sexual Assault Awareness

Instructor: Deborah Schliesher, PsyD

2013 Managing and Adapting Practice (MAP) Training

Training: 5-day training to learn MAP approach to evidence-based treatments with children and adolescents.

Instructor: Bruce Chorpita, PhD

2013 Foundations in Clinical Psychology: Addiction Diagnosis & Treatment Seminar

Training: Covered principles and methods of psychological assessment, evaluation, diagnosis and treatments for substance use disorders.

Instructor: Lara Ray, PhD

2012-2013 Neurocognitive Assessment Training

Training: Administration, scoring and interpretation of WAIS, PAI, WCJ-II, WISC, D-KEFS, and MMPI-2 assessments.

Instructors: Drs. Cindy Yee-Bradbury & Eric Miller

2012 Structured Clinical Interview for DSM-IV (SCID)

Training: Administration, scoring and interpretation of SCID

Instructor: Lara Ray, PhD

2009 Collaborative Institutional Training Initiative (CITI) Training: Online course in

research ethics for social and behavioral investigators

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| teaching experience |

Teaching Associate

Spring 2016 **Fieldwork in Psychology**, Psych 194A

Responsibilities: Provide supervision to undergraduate students who are completing psychology internships, write syllabus, grade reflection papers, organize guest lectures.

Fall 2016 **Research Methods**, Psychology 100B

Responsibilities: Teach psychological research methods using in-class experiments and writing assignments.

Summer 2016 **Abnormal Psychology**, Psychology 127A

Responsibilities: Administration and scoring of examinations, lead review sessions, grade papers.

Teaching Assistant

Winter 2016 **Fieldwork in Psychology**, Psych 194A

Responsibilities: Provide supervision to undergraduate students who are completing psychology internships, write syllabus, grade reflection papers, organize guest lectures.

Spring 2015 **Psychology of Addiction**, Psych 162

Responsibilities: Administration and scoring of examinations, lead review sessions, prepare test questions.

Spring 2014 **Biological Bases of Abnormal Behavior**, Psych 127B

Responsibilities: Administration and scoring of examinations, lead review sessions, prepare test questions, grade manuscript reviews.

Guest Lectures

January 2018 Addiction Fellowship Didactic Series, Motivational interviewing for alcohol use disorders,

UCLA/VA Residency Training

July 2017 Psychology of Addiction, “Psychosocial treatments for addiction,” Psych 162

July 2016, May 2017 Foundations of Clinical Psychology, “Brief interventions for substance use

disorders”

July 2016, May 2017 Foundations of Clinical Psychology, “Assessment and diagnosis of

substance use disorders,” Psych 270C

November 2016 Panelist, “Preliminary examination and doctoral committee workshop”

November 2016 “Preparing for life after undergrad: Steps for successful grad school applications”

July 2016 Abnormal Psychology, “Substance use disorders,” Psych 127A

May, July 2016 Psychology of Addiction, “Psychosocial treatments for addiction,” Psych 162

April 2015 Honors Addiction Psychology, “Neuroscience and addictions,” Psych 189

February 2015 Fieldwork in Psychology, “Substance use disorders: Prevalence, assessment, and

treatment,” Psych 194A

May 2014 Fieldwork in Psychology, “Introduction to addictions: Screening, diagnosis and

treatment,” Psych 194A

May 2014 Biological Bases of Abnormal Behavior, “Borderline personality disorder,” Psych 127B

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| Memberships & Affiliations |

* Student member, American Academy of Addiction Psychiatry, 2017-present
* Student member, American Psychological Association, 2013-present
* Member-In-Training, College on Problems of Drug Dependence, 2010-present

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| Journal review |

*Addictive Behaviors*, reviewer

*Psychology of Addictive Behaviors*, ad hoc reviewer

*Pharmacology, Biochemistry and Behavior*, ad hoc reviewer