

LORI HAASE ALASANTRO, Ph.D.
Neuropsychologist, The Neurology Center
Curriculum Vitae

PERSONAL INFORMATION

Work Address The Neurology Center of Southern California
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POSITIONS

Clinical Neuropsychologist (01/04/2016-Present)

The Neurology Center of Southern California
6010 Hidden Valley Road, Suite 200
Carlsbad, CA 92011

Health Sciences Assistant Clinical Professor, Voluntary (9/1/2016 – Present)

Department of Psychiatry
University of California, San Diego
School of Medicine
9500 Gilman Drive, MC 0603
San Diego, CA 92093
Phone: (858) 534-3684
Fax: (858) 534-7653
Contact: Robert Heaton, PhD, ABPP/CN

**SDSU/UCSD Joint Doctoral Program in Clinical Psychology, Neuropsychology Track,
faculty member (5/20/2015-8/31/2016)**

SDSU/UCSD
6363 Alvarado Court, Suite 103
San Diego, CA 92120
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Contact: Vanessa Malcarne, PhD

Health Sciences Assistant Clinical Professor (3/1/2015 – 8/31/2016)

Department of Psychiatry
University of California, San Diego
School of Medicine
9500 Gilman Drive, MC 0603
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Contact: Robert Heaton, PhD, ABPP/CN

Director of mPEAK Programs (2/6/15-5/1/17)

University of California, San Diego Center for Mindfulness
5060 Shoreham Place, Suite 330
San Diego, CA 92122
Phone: (858) 334-4636
Fax: (858) 334-4601
Contact: Steven Hickman, PsyD

Clinical Psychologist (11/17/2014 – 11/20/2015)

VA San Diego Healthcare System
3350 La Jolla Village Dr.
San Diego, CA 92161
Phone: 858-552-8585
Fax: (858) 552-7414
Contact: Susan Tapert, PhD

Project Scientist (07/01/2014-11/16/2014)

UCSD, Department of Psychiatry
8939 Villa La Jolla Dr, Suite 200
San Diego, CA 92027
Phone: (858) 534-9444
Fax: (858) 534-9450
Contact: Martin Paulus, MD

Research Psychologist, Naval Health Research Center (06/10/2013-09/17/2014)

140 Sylvester Rd
San Diego, CA 92106
Phone: (619) 553-9289
Contact: Karl Van Orden, PhD

EDUCATION

Postdoctoral Fellow, Biological Psychiatry and Neuroscience T32 (2012-2014)

UCSD, Department of Psychiatry, La Jolla, CA
Advisor: Martin Paulus, M.D.

Ph.D., Clinical Psychology (2006-2012)

San Diego State University and the University of California San Diego (SDSU/UCSD), Joint
Doctoral Program in Clinical Psychology (APA-accredited)
Specialty Track: Neuropsychology
Dissertation title: *The Effects of Age and Metabolic Status on Cognitive Performance*
Dissertation Committee Chair: Claire Murphy, Ph.D.

Predocutorial Internship in Clinical Neuropsychology (2011-2012)

UCSD – School of Medicine, VA San Diego HealthCare System (APA-accredited)
Rotations: Veterans Administration (VA) Neuropsychological Assessment Unit; Traumatic Brain
Injury (TBI)/Cognitive Rehabilitation Clinic; Post-traumatic Stress Disorder (PTSD) Clinic

M.A., Clinical Psychology (2012)

SDSU/UCSD, Joint Doctoral Program in Clinical Psychology
Specialty Track: Neuropsychology
Master's Thesis title: *Functional Connectivity During Recognition Memory in Individuals Genetically at Risk for Alzheimer's Disease*
Thesis Committee Chair: Claire Murphy, Ph.D.

M.S., Psychology (2003-2005)

San Diego State University, San Diego, California
Master's Thesis Title: *Effects of a Nutritional Preload on Perceived Pleasantness and Intensity of Taste Stimuli: An ER-fMRI Study*
Thesis Committee Chair: Claire Murphy, Ph.D.

B.S., Psychology, Cum Laude (1999-2002)

Virginia Commonwealth University/Medical College of Virginia, Richmond, VA

LICENSURES AND CERTIFICATIONS

- American Board of Profession Psychology, Board Certified in Clinical Neuropsychology (ABPP-CN, Lic#: 9264)
- QPR (Question, Persuade, Refer) Certified Gatekeeper Instructor for Suicide Prevention, 2015-2018
- Clinical Psychologist: State of California, Board of Psychology (Active), License #25817
- Secret Security Clearance, Department of Defense Central Adjudication Facility (2012-2014)
- Hospital Privileges: Try-City Medical Center (Current)
- Hospital Privileges: Scripps Memorial Hospital Encinitas (06/13/2016-2020)
- Hospital Privileges: University of California, San Diego (10/17/2013-9/30/2017)
- Hospital Privileges: VA San Diego Healthcare System (11/17/2014-11/20/2015)
- Cognitive Processing Therapy Provider Status, VA San Diego Healthcare System (2013)
- Certified GE functional Magnetic Resonance Imaging (fMRI) Technician, UCSD Center for Functional Neuroimaging (2004-2017)

RESEARCH FUNDING

2012-2014: *Fellowship on Biological Psychiatry and Neuroscience* (T32 MH018399; PI: Martin Paulus, MD). NIH/NIMH, Fellow.
Mentor: Martin Paulus, MD

PUBLICATIONS

Peer-Reviewed Data-Based Articles

1. **Haase-Alasantro, L.H.**, Slonim, T., Green-Krogmann, E., Muprhy, C., (Accepted). Metabolic Syndrome and Cognitive Performance Across the Adult Lifespan. PLoS ONE.
2. Olds, J.J., Hills, W.L., Warner, J., Falardeau, J., **Alasantro, L.H.**, Moster, M.L., Egan, R.A., Cornbalth, W.T., Lee, A.G., Frishberg, B.M., Turbin, R.E., Katz, D.M., Charley,

- J.A., Pleak, V.A. (2020). Posterior Cortical Atrophy: Characteristics from a clinical data registry. Registry. *Front. Neurol.* 11:358. doi: 10.3389/fneur.2020.00358
3. Jacobson, A., Green, E., **Haase, L.**, Szajer, J., Murphy, C., (2019). Differential effects of BMI on brain response to odor in olfactory, reward and memory regions: Evidence from fMRI. *Nutrients*.
 4. Jacobson, A., Green, E., **Haase, L.**, Szajer, J. Murphy, C. (2017). Age-related changes in gustatory, homeostatic, reward, and memory processing of sweet taste in the Metabolic Syndrome: an fMRI study. Special Issue on Chemosensory Perception, *Perception*.
 5. McIntosh, E., Jacobson, A., Kemmotsu, N., Pongpipat, E., Green, E., **Haase, L.**, Murphy, C. (2017). Does medial temporal lobe thickness mediate the association between risk factor burden and memory performance in middle-aged or older adults with metabolic syndrome? *Neuroscience Letters*.
 6. **Haase, L.**, Stewart, JL, Youssef, B, May, AC, Isakovic, S, Simmons, AN, Johnson DC, Paulus, MP. (2016). When the brain does not adequately feel the body: Links between low resilience and interoception. *Biological Psychology*, 113, 37-45 doi: 10.1016/j.biopsycho.2015.11.004
 7. **Haase, L.**, May, AC, Falahpour, M, Isakovic, S, Simmons, A, Hickman, A, Liu, T, Paulus, MP (2015). A pilot study investigating changes in neural processing after mindfulness training in elite athletes. *Frontiers in Behavioral Neuroscience*. doi: 10.3389/fnbeh.2015.00229.
 8. Green, E, Jacobson, A, **Haase, L.**, Murphy, C. (2015). Neural correlates of taste and pleasantness evaluation in the metabolic syndrome. *Brain Research*. doi: 10.1016/j.brainres.2015.03.034
 9. Johnson, D.C., Thom, N.J., Stanley, E.A., **Haase, L.**, Simmons A.N., Sih, P.B., Minor, T.R., Paulus, M.P. (2014). Modifying Resilience Mechanisms in At-Risk Individuals: A Controlled Study of Mindfulness Training in Marines Preparing for Deployment. *American Journal of Psychiatry*, 171(8), 844-853. doi: 10.1176/appi.ajp.2014.13040502
 10. **Haase, L.**, Thom N, Shukla, A, Simmons, AN, Davenport, PW, Paulus, MP, Johnson DC. (2014). Mindfulness-Based Training Attenuates Insula Response To An Aversive Interoceptive Challenge. *Social Cognitive and Affective Neuroscience*.
 11. Paulus, M.P., Stewart, J. L., **Haase. L.** (2013). Treatment approaches to interoceptive dysfunctions in drug addiction. *Frontiers in Psychiatry*, 4(137), 1-8. doi: 10.3389/fpsy.2013.00137
 12. Green, E., Jacobson, A., **Haase, L.**, & Murphy, C. (2012). Can age-related CNS taste differences be detected as early as middle age? Evidence from fMRI. *Neuroscience*, 232, 194-203. doi: 10.1016/j.neuroscience.2012.11.027
 13. Cerf-Ducastel, B., **Haase, L.**, & Murphy, C. (2012). Effect of magnitude estimation of pleasantness and intensity on fMRI activation to taste. *Chemosensory Perception*, 5, 100-109.

14. **Haase, L.**, Wang, M., Green, E., & Murphy, C. (2011). Functional connectivity during recognition memory in individuals genetically at risk for Alzheimer's disease. *Human Brain Mapping*. Nov 18. doi: 10.1002/hbm.21451. [Epub ahead of print]
15. Royet, J. P., Morin, L., Cerf-Ducastel, B., **Haase, L.**, Issanchou, S., Murphy, C., Fonlupt, P., Sulmont-Rosse, C., Plailly, J. (2011). True and false recognition memories of odors induce distinct neural signatures. *Frontiers in Human Neuroscience*, 5: 65.
16. **Haase, L.**, Green, E., & Murphy, C. (2011). Males and females show differential brain activation to taste when hungry and sated in gustatory and reward areas. *Appetite*, 57, 421-434.
17. Green, E., Jacobson, A., **Haase, L.**, & Murphy, C. (2011). Reduced nucleus accumbens and caudate nucleus activation to a pleasant taste is associated with obesity in older adults. *Brain Research*, 1386, 109-117.
18. **Haase, L.**, Cerf-Ducastel, B., & Murphy, C. (2009). Cortical activation in response to pure taste stimuli during the physiological states of hunger and satiety. *Neuroimage*, 44, 1008-1021.
19. **Haase, L.**, Cerf-Ducastel, B., & Murphy, C. (2009). The effect of stimulus delivery technique on perceived intensity functions: Implications for taste stimuli used in fMRI studies. *Attention, Perception & Psychophysics*, 71, 1167-1173.
20. Murphy, C., Solomon, E.A., **Haase, L.**, Wang, M., & Morgan, C. (2009). Event-related potentials to a cross-modal odor-recognition memory task discriminate ApoE e4+ and ApoE e4- individuals. *Annals of the New York Academy of Sciences*, 1170, 647-657.
21. **Haase, L.**, Cerf-Ducastel, B., Buracas, G., & Murphy, C. (2007). On-line psychophysical data acquisition and event-related fMRI protocol optimized for the investigation of brain activation in response to gustatory stimuli. *Journal of Neuroscience Methods*, 159(1), 98-107.

Review Papers and Book Chapters

1. **Haase, L.**, Kenttä, G., Hickman, S., Baltzell, A., Paulus, M. (2016). Mindfulness training in elite athletes: mPEAK with BMX cyclists. In A. Baltzell (Ed.), *Mindfulness & Performance.*, Cambridge University Press.
2. Paulus, M.P., **Haase, L.**, Johnson, D.C., Simmons, A.N., Poterat, E.G., Van Orden, K., Swain, J.L. (2015). Neural Mechanisms as Putative Targets for Warfighter Resilience and Optimal Performance. In J. Giordano (Ed.), *Neurotechnology in National Security and Defense: Practical Considerations, Neuroethical Concerns.*

Publications Under Review

1. Annese, J., Klaming, R. **Haase Alasantro, L.**, Feinstein, J.S. A modern-day H.M.: Severe anterograde amnesia in the era of smart technology. *Nature Scientific Reports.*

2. Staiano, W., Nielsen, L.M., Hovgaard-Hansen, L., Axelsen, J.L., Henriksen, K., Romaganoli, M., Krichmer, P., **Haase, L.**, Kirk, U. Effects of mindfulness training on cognitive and physical performance in elite handball players. *Frontiers in Sports and Active Living*.

INVITED PROFESSIONAL ORAL PRESENTATIONS

1. **Haase Alasantro, L** & Rosen, J. (2019). How Neuropsychology Helps Us Treat Patients. 14th Annual Scripps Brain Injury and Rehabilitation Conference, San Diego, CA.
2. **Haase Alasantro, L**. (2018). Mindfulness and Parkinson's Disease. North Country Parkinson's Support Group. Oceanside, CA.
3. **Haase Alasantro, L** & Rosen, J. (2018). Workshop: How to interpret neuropsychological Tests . 13th Annual Scripps Brain Injury and Rehabilitation Conference, San Diego, CA.
4. **Haase Alasantro, L** & Rosen, J. (2017). The Neuropsychology of Parkinson's disease. North Country Parkinson's Support Group. Oceanside, CA.
5. **Haase Alasantro, L**. (2017). Interpretation of neuropsychology results for therapists. 12th Annual Scripps Brain Injury and Rehabilitation Conference, San Diego, CA.
6. Murphy, C., Jacobson, A., Green, E., **Haase, L.**, Szajer, J. (2016). fMRI activation during hunger and satiety in young and older individuals with metabolic syndrome. European Chemoreception Organization, Athens, Greece.
7. **Haase Alasantro, L**. (2016). Mindfulness: the gate to resilience. MindfulnessTN, Knoxville, TN.
8. Rosen, J & **Haase Alasantro, L**. (2016). Neuropsychology of Traumatic Brain Injury. 11th Annual Scripps Brain Injury and Rehabilitation Conference, San Diego, CA.
9. Murphy, C., Green, E., Jacobson, A., **Haase, L.**, (2015). FMRI activation of brain areas involved in taste, reward and homeostasis in middle-aged individuals with Metabolic Syndrome. Benjamin Franklin Lafayette Symposium, Fréjus, France.
10. Saltzman, A., Hickman, S., and **Haase, L**. (2015). Workshop: Mindfulness in Sports. Third Annual Bridging the Heart & Minds of Youth Conference: Mindfulness and Compassion in Clinical Practice, Education, and Research, San Diego, CA.
11. Murphy, C., Green, E., Jacobson, A., **Haase, L.**, Szajer, J. and McIntosh, E. (2015). Presidential Symposium: Metabolic State Shifts Sensory Systems. FMRI of chemosensory response: relationship to BMI and metabolic status. 37th Annual Association for Chemoreception Sciences, Fort Myers, FL.
12. **Haase, L.**, Johnson, D.C, Paulus, M.P. (2014). Mindfulness training in Marines. Presented at the University of Massachusetts Medical School Center for Mindfulness in Medicine, Health Care, and Society as part of the Academic Interest Group on Mindfulness.

13. **Haase, L.** (2014). Neural Mechanisms of Resilience. Presented at the Biological Psychiatry and Neuroscience Fellowship Seminar, UCSD, Department of Psychiatry, San Diego, CA.
14. **Haase, L.,** Shukla, A., Thom, N., Simmons, A., Davenport, P., Paulus, M., Johnson, D.C. (2014). Mindfulness-based training attenuates insula activation during an aversive interoceptive breathing load task in infantry marines. UCSD 9th Annual Lewis L. Judd Young Investigators Research Symposium, San Diego, CA.
15. Paulus, MP, Isakovic, S, Youssef, B, **Haase, L** (2014). Evidence for interoceptive dysfunction and mindfulness deficits in low resilient individuals. Society of Biological Psychiatry, New York, NY.
16. **Haase, L &** Paulus, MP (2013). Discovering Neural Mechanisms Underlying Resilience and its Modification. Presented at the Office of Naval Research Warrior Resilience Technical Review, Arlington, VA.
17. **Haase, L &** Stewart, J (2013). Processing physiological fMRI data. Presented at the University of California, San Diego Neuroimaging Workgroup, UCSD, Department of Psychiatry, San Diego, CA.
18. **Haase, L.** (2013). Mindfulness training attenuates insula respond to aversive interoceptive challenge. Presented at the Biological Psychiatry and Neuroscience Fellowship Seminar, UCSD, Department of Psychiatry, San Diego, CA.
19. **Haase, L.** (2012). Neural systems underlying modulating resilience using mindfulness. Presented at the Biological Psychiatry and Neuroscience Fellowship Seminar, UCSD, Department of Psychiatry, San Diego, CA.
20. Murphy, C., **Haase, L.,** Morgan, C., Green, E., Kowalewski, J., Bartholow, J., Zamora, R., Hegarty, J., Jacobson, A. *Neuroimaging of chemosensory dysfunction*. Association for Chemoreception Sciences Annual Meeting. Huntington Beach, CA. April, 2012.
21. Murphy, C., **Haase, L.,** Cerf-Ducastel, B., Green, E., & Jacobson, A. (2010). Central Processing of gustatory stimuli of different qualities: differential fMRI activation in brain regions of interest. The 4th Annual Salk-Ipsen Symposium on Biological Complexity: Sensory systems: smell, taste, touch, hearing and vision, San Diego, CA.
22. Cerf-Ducastel, B., Faurion, A., **Haase, L.,** Le Bihan, D., Van de Moortele, P., Murphy, C. (2006). Functional MRI of taste and smell across the lifespan: Towards the big picture. Firmenich Award Lecture, European Chemoreception Research Organization 17th Annual meeting.

POSTER PRESENTATIONS

1. **Slonim, T.** Jacobson, A., Haase-Alasantro, L., Frank, C., & Murphy, C. (2019). *Hyperactivation in the Entorhinal Cortex During Sucrose Evaluation is Associated with Poorer Inhibition in Males with Metabolic Syndrome*. The International Neuropsychological Society, Denver, CO.

2. VanLandingham, H., **Alasantro, L.**, Wagner, G., Rosen, J. (2019). A Novel Memory Catastrophizing Scale. National Academy of Neuropsychology, San Diego, CA.
3. **Slonim, T.**, Haase-Alasantro, L., & Murphy, C. (2019). *Metabolic Syndrome and Executive Functioning in Young, Middle-Aged, and Older Adults*. National Association for Neuropsychology, San Diego, CA.
4. **Slonim, T.** Jacobson, A., Haase-Alasantro, L., Marvin, M., Frank, C., & Murphy, C. (2019). *Inhibition in Metabolic Syndrome and its Relationship to Orbitofrontal Cortex Activation During Sucrose Evaluation*. National Association for Neuropsychology, San Diego, CA.
5. Slonim, T., Fiello, A., **Haase-Alasantro, L.**, & Murphy, C. (2019). Verbal and Visual Memory in Metabolic Versus Control Participants Across the Adult Lifespan. Cognitive Neuroscience Society, San Francisco, CA.
6. Wagner G, Holguin G, Slonim, T, Rosen, J, **Haase-Alasantro L** (2017). Pilot Study Examining the Neuropsychological Profiles of Dementia with Lewy Body and Alzheimer's disease. International Neuropsychological Society, New Orleans, LA.
7. Wagner G, Rosen J, Holguin G, Frishberg B, Wang A, Sahagian G, **Haase-Alasantro L.** (2016). Clinical Assessment of Posterior Cortical Atrophy. National Academy of Neuropsychology, Seattle, WA.
8. Murphy, C., McIntosh, E., Jacobson, A., Green, E., **Haase, L.**, Kemmotsu, N. (2016). Structural Integrity of Entorhinal Cortex and Hippocampus and Olfactory Function in Non-demented Middle-aged and Older Adults at Risk for Alzheimer's Disease. Association for Chemoreception Sciences, Florida, USA.
9. Fleming, K., Gramling, L., Jacobson, A.D., Kemmotsu, N., Green, E., **Haase, L.**, Murphy, C., (2015). Correlations Between Disinhibition Subscale of the Three Factor Eating Questionnaire and Activation of Selected Brain Regions. *Cognitive Neuroscience, Annual Conference*, San Francisco, CA.
10. Gramling, L., Fleming, K., Jacobson, Kemmotsu, N., A.D, **Haase, L.**, Murphy, C., (2015). Differences Between Metabolic Syndrome and Control Populations for Neuropsychological Tests and Self Report Tests of Eating Behaviors. *Western Psychological Association, Annual Conference*, Las Vegas, NV.
11. Gramling, L., Fleming, K., Jacobson, A.D., Kemmotsu, N., Green, E., **Haase, L.**, Murphy C., (2015) Activation of Selected Brain Regions Correlates with Hunger Subscale of Three Factor Eating Questionnaire. *Cognitive Neuroscience, Annual Conference*, San Francisco, CA.
12. **Haase, L.**, Stewart, J., Youssef, B., Isakovic, S., Johnson, D.C., Paulus. M.P. (2014). Low Resilience – When The Brain Is Not Well Connected To The Body. Human Brain Mapping, Hamburg, Germany.

13. **Haase, L.**, Shukla, A., Thom, N., Simmons, A., Davenport, P., Paulus, M., Johnson, D.C. (2013). Mindfulness-based training attenuates insula activation during an aversive interoceptive breathing load task in infantry marines. Society for Neuroscience, San Diego, CA.
14. Shukla, A., **Haase, L.**, Paulus, MP. (2013) Interoceptive response to a non-hypercapnic inspiratory breathing load in healthy individuals. Society for Neuroscience, San Diego, CA.
15. Cross, K., **Haase, L.**, Sumida, C., Murphy, C. (2013). Impulsiveness predicts obesity in older adults. Association for Psychological Science, Washington, DC.
16. **Haase, L.**, Shukla, A., Johnson, D.C. Thom, N. Stanley, E., Simmons, A., Paulus, M. (2013). Mindfulness-based training alters brain activation during an emotion face processing task in infantry marines. Cognitive Neuroscience Society, San Francisco, CA.
17. Sumida, C., Stickely, A., **Haase, L.**, Murphy, C. (2013). Odor Identification in Normal Older Adults: the Influence of Statin Use. Poster presented at the International Neuropsychological Society Conference, Hilo, HI.
18. Green, E., Jacobson, A., **Haase, L.**, Stickel, A., & Murphy, C. (2012). Can age-related CNS taste differences be detected as early as middle age? Evidence from fMRI. XVI International Symposium on Olfaction and Taste, Stockholm, Sweden. June, 2012.
19. **Haase, L.**, Sumida, C., Green, E., Murphy, C. (2012). Cognitive and emotional functioning in young, middle-aged and older adults with metabolic syndrome. XVI International Symposium on Olfaction and Taste, Stockholm, Sweden.
20. Murphy, C., **Haase, L.**, Cerf-Ducastel, B., Green, E., Jacobson, A. (2012). Cortical processing of taste stimuli of different qualities produces differential fMRI activation in humans. XVI International Symposium on Olfaction and Taste, Stockholm, Sweden.
21. Green, E., **Haase, L.**, Jacobson, A., Stickel, A., & Murphy, C. (2012). Energy content moderates the relationship between adiposity and hypothalamic response to a sweet taste. 2012 INS Mid-Year Meeting, Oslo, Norway.
22. **Haase, L.**, Green, E., Jacobson, A., & Murphy, C. Central processing of nutritive and non-nutritive taste stimuli in young and middle-aged adults. 2012 INS Mid-Year Meeting, Oslo, Norway. June, 2012.
23. Green, E., Jacobson, A., **Haase, L.**, & Murphy, C. (2011). Relationship between diet soda consumption and fMRI activation to non-nutritive sweetener in young adults. The 33rd annual meeting of the Association for Chemoreception Sciences, Sarasota, FL.
24. **Haase, L.**, Green, E., & Murphy, C. (2011). Gender differences in cortical activation in response to pleasantness evaluation during hunger and satiety. The 33rd annual meeting of the Association for Chemoreception Sciences, Sarasota, FL.
25. Green, E., Jacobson, A., **Haase, L.**, & Murphy, C. (2010). Effects of BMI on fMRI activation to a pleasant taste during hedonic evaluation in older adults. The 32nd annual meeting of the Association for Chemoreception Sciences, Sarasota, FL.

26. Green, E., **Haase, L.**, & Murphy, C. (2010). Functional Connectivity of Reward and Flavor Processing in Older Adults with Low and High BMI. The 16th annual meeting of the Organization for Human Brain Mapping, Barcelona, Spain.
27. **Haase, L.**, Cerf-Ducastel, B., Green, E., Jacobson, A., & Murphy, C. (2010). Neuroanatomical correlates: psychophysical evaluation of different taste qualities during hunger and satiety. The 32nd annual meeting of the Association for Chemoreception Sciences, Sarasota, FL.
28. **Haase, L.**, Green, E., Dower, D., & Murphy, C. (2010). Brain activation during the pleasantness evaluation of taste stimuli in males and females. The 16th annual meeting of the Organization for Human Brain Mapping, Barcelona, Spain.
29. Jacobson, A., Green, E., **Haase, L.**, & Murphy, C. (2010). Effects of age and the physiological states of hunger and satiety on the BOLD response to gustatory and olfactory stimuli. Society for Neuroscience, San Diego, CA.
30. Murphy, C., Jacobson, A., Green, E., & **Haase, L.** (2010). Additivity of brain activation to odor and taste during judgments of intensity and pleasantness. The 32nd annual meeting of the Association for Chemoreception Sciences, Sarasota, FL.
31. Murphy, C. Kommotsu, N. **Haase, L.**, Cerf-Ducastel, B., Green, E. & Jacobson, A. (2010). fMRI response to sweet in the hungry brain. The 16th annual meeting of the Organization for Human Brain Mapping, Barcelona, Spain.
32. Royet, J.P., Morin-Audebrand, L., Cerf-Ducastel, B., **Haase L.**, Issanchou I., & Murphy C. (2010). Differential activation of neural networks in an odor recognition task: an event-related fMRI study. The 32nd annual meeting of the Association for Chemoreception Sciences, Sarasota, FL.
33. Cerf-Ducastel, B. Morin-Audebrand, L., **Haase, L.**, Sulmont-Rosse, C., Issanchou, S., Royet, J.P., & Murphy, C. (2009). Difference in fMRI activation levels in elderly subjects with higher and lower olfactory performance. The 19th IAGG World Congress of Gerontology and Geriatrics, Paris.
34. Green, E., **Haase, L.**, & Murphy, C. (2009). Functional Connectivity of Olfactory Processing During a Hedonic Evaluation Task in Young and Older Adults. The 31st annual meeting of the Association for Chemoreception Sciences, Sarasota, FL.
35. **Haase, L.**, Green, E., & Murphy, C. (2009). Differences in functional connectivity during an olfactory recognition memory paradigm in individuals with and without the e4 allele of the apolipoprotein E (ApoE) gene. The 39th Annual meeting of the Society for Neuroscience, Chicago, IL.
36. **Haase, L.**, Green, E., & Murphy, C. (2009). Functional Connectivity during an olfactory recognition memory paradigm is associated with task performance and the e4 allele of the apolipoprotein E (ApoE) gene. The 31st annual meeting of the Association for Chemoreception Sciences, Sarasota, FL.

37. **Haase, L.**, Wang, M., & Murphy, C. (2009). fMRI activation and olfactory cross-modal recognition memory performance in older adults. The 37th annual meeting of the International Neuropsychological Society.
38. Murphy, C., **Haase, L.**, Green, E., Jacobson, A., Cerf-Ducastel, B., Kemmotsu, N., Dower, D., & Ramos, L. (2009). Psychophysical assessment during functional neuroimaging. Beijing International Meeting on Research in Taste and Smell, China.
39. Royet, J.P., Morin-Audebrand, L., Cerf-Ducastel, B., **Haase, L.**, Issanchou, I., Murphy, C., & Sulmont-Rosse, C. (2009). Imperfections of odor memory: an fMRI study. The 41st Annual European Brain and Behaviour Society, Rhodes Islands, Greece.
40. Cerf-Ducastel, B., Morin-Audebrand, L., **Haase, L.**, Sulmont-Rosse, C., Issanchou, S., Murphy, C., & Royet, J.P. (2008). Difference in fMRI Olfactory Activation Patterns in Elderly Subjects with High and Low Task Performance. The 15th International Symposium on Olfaction and Taste.
41. Green, E., Jacobson, A., **Haase, L.**, Baker, S., Cerf-Ducastel, B., & Murphy, C. (2008). The Relationship Between BOLD Response to a Taste/Olfactory Mixture and Actual Eating Behavior Differs for Young and Older Adults. The 15th International Symposium on Olfaction and Taste.
42. Green, E., Jacobson, A., **Haase, L.**, Cerf-Ducastel, B., & Murphy, C. (2008). Relationships between body fat and central taste processing differ for young and elderly adults. The 36th annual meeting of the International Neuropsychological Society.
43. **Haase, L.**, Wang, M., & Murphy, C. (2008). Association between fMRI brain activation and neuropsychological performance in individuals at risk for Alzheimer's disease. The 15th International Symposium on Olfaction and Taste.
44. **Haase, L.**, Wang, M., Repp, A., Chen, M., Rattner, K., & Murphy, C. (2008). Association between brain activation and learning trials of the COLT and CVLT in individuals with and without the $\epsilon 4$ allele: An fMRI study. The 36th annual meeting of the International Neuropsychological Society.
45. Jacobson, A., Green, E., **Haase, L.**, Cerf-Ducastel, B., & Murphy, C. (2008). Physiological states of hunger and satiety affect blood oxygenation level dependent (BOLD) response to taste stimuli in older adults. The 36th annual meeting of the International Neuropsychological Society.
46. Murphy, C., **Haase, L.**, & Wang, M. (2008). Olfactory Functioning in Aging and Alzheimer's Disease: The APOE4 Risk Factor for Alzheimer's Disease Alters Brain Activation in a Cross-Modal Odor Recognition Memory Task. The 15th International Symposium on Olfaction and Taste.
47. Cerf-Ducastel, B., Royet, J.-P., Morin-Audebrand, L., **Haase, L.**, Sulmont, C., Issanchou, S., & Murphy, C. (2007). Event-related fMRI of olfactory recognition memory in young and old subjects. The 37th annual meeting of the Society for Neuroscience, San Diego, CA.

48. Green, E., **Haase, L.**, Jacobson, A., Cerf-Ducastel, B., Kemmotsu, N., & Murphy, C. (2007). Effects of age on the association between hunger and fMRI hypothalamic and orbitofrontal activity in response to a taste stimulus. The 29th annual meeting of the Association for Chemoreception Sciences, Sarasota, FL.
49. Green, E., **Haase, L.**, Jacobson, A., Cerf-Ducastel, B., Kemmotsu, N., Yidonoy, M., & Murphy, C. (2007). Measure of Appetite Associated with differences in cortical activation from hungry to satiated states. The annual meeting of the International Neuropsychological Society, Portland, OR
50. Green, E., Jacobson, A., **Haase, L.**, Kemmotsu, N., Cerf-Ducastel, B., & Murphy, C. (2007). Functional connectivity of taste processing in young and older adults. The 37th annual meeting of the Society for Neuroscience, San Diego, CA,
51. **Haase, L.**, Cerf-Ducastel, B., Kemmotsu, N., Green, E., Jacobson, A., & Murphy, C. (2007). Neural correlates of umami and salt qualities during hunger and satiety. The 29th annual meeting of the Association for Chemoreception Sciences, Sarasota, FL.
52. **Haase, L.**, Cerf-Ducastel, B., Kemmotsu, N., Green, E., Jacobson, A., & Murphy, C. (2007). Water produces different patterns of cortical activation during the evaluation of intensity relative to pleasantness. The 37th annual meeting of the Society for Neuroscience, San Diego, CA.
53. Kemmotsu, N., **Haase, L.**, Green, E.A., Jacobson, A., Stafford, J. Cerf-Ducastel, B., & Murphy, C. (2007). Altered fMRI brain response to gustatory stimuli in restrained eaters. The 37th annual meeting of the Society for Neuroscience, San Diego, CA.
54. Kemmotsu, N., **Haase, L.**, Yidonoy, M., Chen, M., Green, E., Jacobson, A., & Murphy, C. (2007). Hunger ratings among restrained eaters with high and low disinhibition. The 29th annual meeting of the Association for Chemoreception Sciences, Sarasota.
55. Cerf-Ducastel, B., **Haase, L.**, Kemmotsu, N., Jacobson, A., Green, E., & Murphy, C. (2006). Correlation between brain activity and online psychophysical measurement: How the evaluative task affects brain activation. The 28th annual meeting of the Association for Chemoreception Sciences, Sarasota, FL.
56. **Haase, L.**, Cerf-Ducastel, B., Kemmotsu, N., Green, E., Jacobson, A., Miller, M., & Murphy, C. (2006). Gender differences in activation within the OFC in response to taste stimuli with positive or negative valance are related to hunger and satiety. The 28th annual meeting of the Association for Chemoreception Sciences, Sarasota, FL.
57. Murphy, C., Cerf-Ducastel, B., **Haase, L.**, Kemmotsu, N., Green, E., & Madowitz, M. (2006). FMRI of sweet and bitter in the human CNS: Responses to reward value. European Chemoreception Research Organization 17th Annual meeting.
58. Murphy, C, Madowitz, M., Green, E., **Haase, L.**, Cerf-Ducastel, B., & Kemmotsu, N. (2006). Differential fMRI activation patterns in response to stimuli with positive and negative reward value. The 12th annual meeting of Human Brain Mapping, Florence, IT.
59. Cerf-Ducastel, B., **Haase, L.**, Fowler, A., Nguyen, L., Machado, A., Arain, Y., Kemmotsu, N., & Murphy, C. (2005). Differential brain patterns during intensity and

- pleasantness evaluation of taste stimuli. The 27th annual meeting of the Association for Chemoreception Sciences, Sarasota, FL.
60. **Haase, L.**, Cerf-Ducastel, B., Fowler, A., Nguyen, L., Machado, A., Arain, Y., Kemmotsu, N., & Murphy, C. (2005). The effect of a nutritional preload on gustatory activation: an ER-fMRI study. The 27th annual meeting of the Association for Chemoreception Sciences, Sarasota, FL
 61. **Haase, L.**, Cerf-Ducastel, B., Kemmotsu, N., Miller, M., Fowler, A., Jacobson, A., Nguyen, L., Machado, A., Arain, Y., & Murphy C. (2005). The effect of hunger and satiety on the correlation between pleasantness ratings of sucrose and brain activation: an ER-fMRI study. The 35th annual meeting of the Society for Neuroscience, Washington, D.C.
 62. Kemmotsu, N., **Haase, L.**, Cerf-Ducastel, B., Fowler, A., Nguyen, L., Machado, A., Arain, Y., & Murphy, C. (2005). The effect of a nutritional preload on gustatory activation in response to saccharine and sucrose: an ER-fMRI study. The 35th annual meeting of the Society for Neuroscience, Washington, D.C.
 63. Cerf-Ducastel, B., Chen, M., Abou, E., **Haase, L.**, & Murphy, C. (2004). Brain Activation Pattern in Response to Olfactory Recognition Memory. The 26th annual meeting of the Association for Chemoreception Sciences, Sarasota, FL.
 64. Cerf-Ducastel, B., Chen, M., Abou, E., **Haase, L.**, & Murphy, C. (2004). Reduced fMRI activity and asymmetry in elderly subjects performing a cross-modal olfactory recognition task. The 34th annual meeting of the Society for Neuroscience, San Diego, CA.
 65. Cerf-Ducastel, B., Kaeser, K., Ettensohn, M., **Haase, L.**, Jacobson, A., & Murphy, C. (2004). Time-course of intensity and pleasantness perception in response chemosensory stimuli presented with a paradigm designed for fMRI experiments. The 15th annual meeting of the European Chemoreception Organization, Dijon, FR.
 66. Cerf-Ducastel, B., Kaeser K., Ettensohn M., Wright S., Cano, V., Whiteny M., **Haase, L.**, Jacobson A., & Murphy, C. (2004). Intensity and pleasantness profiles generated complementary templates for fMRI data processing. The 11th annual meeting of the Cognitive Neuroscience Society, New York, NY.
 67. **Haase, L.**, Cerf-Ducastel, B., Mellinger, C., Jacobson, A., & Murphy, C. (2004). Perceived intensity functions generated under simulated fMRI scanning conditions. The 26th annual meeting of the Association for Chemoreception Sciences, Sarasota, FL.
 68. **Haase, L.**, Kemmotsu, N., Cerf-Ducastel, B. Hernandez, R. Jacobson, A., Mellinger, C., Christensen, H., & Murphy, C. (2004). The effect of a preload on the time-course of perceived hunger, pleasantness, and intensity of taste stimuli. The 34th annual meeting of the Society for Neuroscience, San Diego, CA.
 69. **Haase, L.**, Svikis, D., & Cropsey, K. (2002). Relationship of regular cocaine, heroin, and alcohol use and psychosocial functioning in pregnant women. The 64th annual meeting for the College on Problems of Drug Dependence, Quebec City, QB.

RESEARCH EXPERIENCE

Research activities at The Neurology Center of Southern California (01/04/2016-Present)

- **Protocol: CREAD 2:** A PHASE III, MULTICENTER, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PARALLEL-GROUP, EFFICACY AND SAFETY STUDY OF CRENEZUMAB IN PATIENTS WITH PRODRROMAL TO MILD ALZHEIMER'S DISEASE, **Sub-Investigator 2017-2018**
- **Protocol: DAYBREAK:** I8D-MC-AZET: A Randomized, Double Blind, Placebo-Controlled and Delayed-Start Study of LY3314814 in Mild Alzheimer's disease Dementia. **Sub-Investigator, 2017-2018**
- **Protocol: BIOGEN-TANGO:** Randomized, Double Blind, Placebo-Controlled, Parallel-Group Study to Assess the Safety, Tolerability, and Efficacy of BIIB092 in Subjects with Mild Cognitive Impairment due to Alzheimer's disease or with Mild Alzheimer's Disease. **Sub-Investigator, 2018-Ongoing**
- **UCSD IRB:** Project #161680XL Neuropsychological Assessment of Patients Followed in a Community Neurology Clinic. **Sub-Investigator, 2018-Ongoing**

Postdoctoral Fellow (2012-2014)

UCSD T32 Research Fellowship in Biological Psychiatry and Neuroscience
Department of Psychiatry, UCSD
Laboratory of Biomedical Dynamics and Theoretical Medicine
Advisor: Martin Paulus, M.D.

Functional Magnetic Resonance Imaging (fMRI) and neuropsychological assessment: utilized event-related fMRI protocols and comprehensive neuropsychological assessments aimed at investigating:

- Neural networks and cognitive functions of resiliency and in high resilient and low resilient civilians
- Characterizing the neural systems and cognitive functions underlying optimal performance in elite performers (Navy SEALs, Special Operations Forces, elite adventure racers, Olympic Swimmers, Olympic Cyclists, RedBull Athletes)
- Evaluation of the neural mechanisms and cognitive functions underlying the modulation of stress-resilience using mindfulness-based training in activity duty military personnel

Co-Creator/Development of Mindful Performance Enhancement, Awareness & Knowledge (mPEAK).

mPEAK is an intensive course in mindfulness training for the elite athlete that is built around the latest brain research related to peak performance, resiliency, focus, and "flow". The program consists of two intensive days of group training (with two 3.5 hour sessions each day built around and into routine activities of competitive training), followed by six weekly required foundational sessions. These sessions support the ongoing integration of mindfulness practice into training and competitive routines of individual athletes and teams, and provide a forum for dialogue, questions and comments. This course has been implemented by the USA Cycling team.

Responsibilities: administration, scoring and interpretation of neuropsychological measures; fMRI data acquisition and analysis using Analysis of Functional NeuroImages (AFNI) software and R, as statistical and graphics program, (pre-processing, group analysis, region on interest analysis, and functional connectivity); preparing data for oral and poster presentations at national and international conferences; and manuscript writing and grant writing.

Supervision: Supervision of research assistants, graduate students, and postdoctoral fellows in data collection, analysis, poster presentations, and manuscript preparation.

Graduate Research Assistant (2003-2012)

Life Span Human Senses Laboratory

SDSU, Department of Psychology

Advisor: Claire Murphy, Ph.D.

fMRI: utilized event-related fMRI protocols and neuropsychological assessment batteries aimed at investigating:

- Neural correlates and cognitive functions of primary rewards during hunger and satiety in healthy individuals and individuals with metabolic syndrome
- Effect of the apolipoprotein E4 allele on olfactory memory processing

Responsibilities: assisted in the development of the stimulation device; data acquisition and analysis; created data processing pathways for pre-processing, group analysis, region on interest analysis, and functional connectivity; conduct neuropsychological assessments; preparing data for oral and poster presentations at national and international conferences; and manuscript and grant writing.

Event-Related Potentials: Collected and analyzed data using olfactory event-related potentials in individuals genetically at risk for the development of Alzheimer's disease aimed at investigating the effect of apolipoprotein E4 allele on olfactory memory processing.

Supervision: Assisted in the supervision (in data collection, analysis, poster presentations, and manuscript preparation) of graduate students, undergraduate students, and high school students enrolled in courses designed to provide research experience and academic support.

Graduate Research Assistant (2004-2005)

Neurobiology of Aging Laboratory

San Diego State University, Department of Psychology, San Diego, CA

Advisor: Paul Gilbert, Ph.D.

Collected and analyzed data investigating discrimination reversal learning in young and aged rats.

Undergraduate Research Assistant (2002-2003)

Biopsychology NeuroTrauma Laboratory

Virginia Commonwealth University/Medical College of Virginia, Department of Psychology, Richmond, VA

Advisor: Robert Hamm, Ph.D.

Collected data aimed at investigating behavioral recovery and pathobiology following traumatic brain injury in an animal model. Responsibilities included running motor and cognitive tasks,

performed small animal prep surgeries, oral injections, and assisted on perfusion, data entry, and analyses of outcome measures.

Undergraduate Research Assistant (2001-2002)

Promoting Healthy Pregnancies Laboratory

Department of Obstetrics/Gynecology, Psychiatry and Psychology

Virginia Commonwealth University/Medical College of Virginia, Richmond, VA

Advisor: Dace Svikis, Ph.D.

Conducted motivational interviews and implemented behavioral incentives to help pregnant substance abusing women reduce or quit smoking during their pregnancies.

CLINICAL EXPERIENCE

Clinical Neuropsychologist, The Neurology Center of Southern California (01/04/2016-Present)

Clinical Responsibilities: provides comprehensive neuropsychological assessment for adults with dementia, movement disorders, traumatic brain injury, and stroke, as well as other medical and psychiatric conditions. Provides pre-surgical evaluations for deep brain stimulation (DBS) surgery, and behavioral interventions for cognitive deficits and psychological disorders. Research activities, as outlined above.

Clinical Psychologist, San Diego VA Healthcare System, ASPIRE Center, San Diego CA. (11/17/2014-11/20/2015)

Clinical Responsibilities: Conducts intensive neuropsychological and a full range of psychological interventions and assessment services and diagnoses mental disorders, particularly for post-traumatic stress and traumatic brain injury. Provides education to patients, family members, and significant others. Provides comprehensive, evidence-based psychotherapeutic interventions, including individual, family, and group psychotherapy. Provides consultation to professional staff within VASDHS and to community providers, concerning clinical assessment findings and appropriate treatment plans for patients. Develops, implements, and documents the psychotherapeutic treatment plan for an assigned caseload of patients, including prompt completion of clinical reminders. Provides evaluation and treatment for PTSD and consultation to medical providers in the Aspire Center.

Administrative Responsibilities: Assists the program director or coordinator in the design, development, and implementation of clinical programs for a team of treatment providers. Assist the program director or coordinator in the execution of ongoing program evaluation and data-driven quality improvement projects to monitor the effectiveness of the clinical program. Facilitates liaisons with other health care programs in order to effectively coordinate services. Attends and participates in administrative and informational meetings held by the Psychology Service Chief (or designee) and facility Director. Attends regular Psychology Service staff meetings, Medical Staff meetings, and complies with Psychology Service peer review procedures. Consults with psychiatrists, nurses, internists, and mental health pharmacists, as well as psychology staff and fellows. Provides workshops and seminars on empirically validated psychological treatments open to professionals in psychiatry, nursing, internal medicine, and pharmacy. Assists psychiatrists, nurses, and mental health pharmacists, as well as psychology staff and trainees, to develop an adequate psychological understanding of the veterans they treat.

Research: Participates in clinical research with the aim of obtaining extramural funding.

**University of California, San Diego, Center for Mindfulness (05/2014 – 05/01/2017).
Director, Co-Developer and Teacher of Mindful Performance Enhancement, Awareness and Knowledge (mEAPK).**

- Conducting mPEAK groups and individual treatment programs to a wide range of individuals. See Research Experience for additional details.

Forensic Neuropsychology, Private Practice (7/2012-2014)

Supervisor: Dean Delis, Ph.D, ABPP/CN

- Conducted background interviews, administration, scoring, and interpretation of and integrated report writing in the context of a private clinical neuropsychology practice.
- Cases included: (1) National Football League (NFL) players who have had multiple concussions and experience cognitive difficulties, some of which have filed disability claims; (2) individuals who are involved in civil lawsuits or disability claims who report neurocognitive symptoms.

University of California, San Diego/VA San Diego Healthcare System Clinical Psychology Internship (7/2011-6/2012)

Rotation 1: VA Neuropsychological Assessment Unit

Supervisors: Mark Bondi, Ph.D. ABPP/CN, Gregory Brown, Ph.D., Dean Delis, Ph.D., ABPP/CN, and Vincent Filoteo, Ph.D.

- Conducted flexible, 5-6 hour batteries of neuropsychological functioning for Veterans of all ages. Responsibilities included diagnostic clinical interviews, chart review, integrated report writing, test administration, scoring, and interpretation, patient and family feedback.
- Patient populations included young and elderly Veterans with neurological impairments, traumatic brain injuries, and psychological disorders.
- Participated in weekly case presentations, and twice-weekly supervision in which clients and case conceptualizations were discussed. Attended the weekly UCSD Clinical Neuropsychology Seminar Series.

Rotation 2: TBI/Cognitive Rehabilitation Clinic

Supervisor: Amy Jak, Ph.D.

- Provided individual and group cognitive rehabilitation therapies including Cognitive Symptom Management and Rehabilitation Therapy and Skills for Academic Success for Veterans with a history of traumatic brain injury.
- Participated in 1-hour weekly supervision in which clients and case conceptualizations were discussed.
- Conducted intake evaluations and feedback for TBI/Cognitive Rehabilitation patients.

Rotation 3: PTSD Clinic, Oceanside

Supervisor: Jay Rosen, Ph.D.

- Provided empirically supported psychotherapies (Cognitive Processing Therapy [CPT] and Prolonged Exposure [PE]) for Veterans with histories of PTSD. Co-lead weekly PTSD Skills Groups and Cognitive Processing Therapy Groups.
- Conducted weekly mental health intakes. Responsibilities include individual diagnostic clinical interviews, integrated report writing, treatment planning, chart review, and problem formulation.
- Participated in 1-hour weekly supervision in which clients and case conceptualizations were discussed. Attended the weekly VA PTSD Seminar Series.

Military Sexual Trauma (MST) and Women's PTSD Clinics, VA Medical Center, San Diego, CA (7/2010-6/2011)

Supervisor: Carolyn Allard, Ph.D.

- Provided empirically supported psychotherapies (CPT and PE) for Veterans with a history of sexual assault, sexual harassment, or domestic violence. Co-lead weekly women's PTSD coping skills group (Cognitive Behavioral Treatment).
- Conducted weekly mental health intakes. Patients typically had a PTSD diagnosis and frequently presented with other co-morbid disorders. Patients were from various cultural backgrounds and had varied sexual orientation. Responsibilities included individual diagnostic clinical interviews, integrated report writing, treatment planning, chart review, and problem formulation.
- Participated in weekly supervision and consultation programs (PE, CPT, MST) in which clients and case conceptualizations were discussed. Attended the weekly VA PTSD Seminar Series.

UCSD Huntington's Disease Support Group (3/2008-5/2011)

Supervisor: Michael Taylor, Ph.D.

- Co-facilitated a support group for individuals genetically at risk for the development of Huntington's Disease.
- Participated in weekly supervision in which clients and case conceptualizations were discussed.

Neuropsychological Assessment Service, VA Medical Center, San Diego, CA (7/2009-6/2010)

Supervisors: Dean Delis, Ph.D., ABPP/CN, Mark Bondi, Ph.D. ABPP/CN, and Vincent Filoteo, Ph.D.

- Conducted flexible, 5-6 hour batteries of neuropsychological functioning for Veterans of all ages. Responsibilities included diagnostic clinical interviews, chart review, integrated report writing, test administration, scoring, and interpretation, patient and family feedback, bi-weekly case presentations, and twice-weekly supervision.

- Patient populations included young and elderly Veterans with neurological impairments, traumatic brain injuries, and psychological disorders.
- Participated in weekly case presentations, and twice-weekly supervision in which clients and case conceptualizations were discussed. Attended the weekly UCSD Clinical Neuropsychology Seminar Series.

Neuropsychology Laboratory, University of California, San Diego, Outpatient Psychiatry Clinic (7/2009-6/2010)

Supervisor: Robert Heaton, Ph.D., ABPP/CN

- Received intensive training in the interpretation of comprehensive neuropsychological evaluations based on the extended Halstead-Reitan battery. Responsibilities included interpretation and integrated report writing, case presentations, and weekly supervision.
- Patient population consisted to psychiatric, neurological/neurosurgical, and general medical patients who have known or suspected cerebral disorders. Litigation issues were also discussed.

Children's Hospital Hematology/Oncology, Rady Children's Hospital, San Diego, CA (7/2008-6/2009)

Supervisor: Charles Farrow, Ph.D.

- Conducted flexible, 6-8 hour batteries of neuropsychological functioning for children with cancer and blood disorders. Responsibilities included clinical interviews, chart review, problem formulation, interpretation and report writing, and patient and family feedback.
- Provided psychotherapy for children and their families; primarily with evidenced based cognitive-behavioral interventions. Assessed the cognitive/emotional functioning of children at their yearly post-treatment Neurology/Oncology Rounds. Common intervention targets included adjustment to diagnosis, depression, anxiety, behavioral problems, and self-esteem.
- Attended weekly supervision, supportive care and psychosocial rounds, and bi-weekly pediatric neuropsychology rounds in which clients and case conceptualizations were discussed.

San Diego State University Psychology Clinic (7/2007-6/2008)

Supervisors: Michael Taylor, Ph.D., Clinic Director; and Nader Amir, Ph.D.

- Provided individual evidence-based psychotherapy for adult clients, with a multi-cultural emphasis. Responsibilities included structured and semi-structured interviews, report writing, case presentations, problem formulation, and weekly supervision. Presenting problems included depression, panic disorder with agoraphobia, social anxiety, and cross-cultural issues.
- Attended weekly supervision in which clients and case conceptualizations were discussed.

EVIDENCED-BASED THERAPIES

Cognitive Behavioral Therapy

Cognitive Processing Therapy
Prolonged Exposure Therapy
Mindfulness-Based Stress Reduction
Motivational Interviewing

TEACHING EXPERIENCE

2021	Guest lecturer: UC San Diego, Clinical Neuropsychology Seminar; Case studies from clinical neuropsychology private practice
2018	Guest lecturer: UC San Diego, Clinical Neuropsychology Seminar; Unusual Cases in private practice
2018	Guest lecturer: UC San Diego, Clinical Neuropsychology Seminar; Role of a neuropsychologist in a unique private practice
2018	Guest lecturer: UC San Diego, Association of Neuropsychology Students & Trainees
2014-2015	Primary Clinical Supervisor for pre-doctoral trainees (SDSU/UCSD Joint Doctoral Program in Clinical Psychology) and post-doctoral fellow (VASDHS), VASDHS ASPIRE Center
2015	Guest lecturer: San Diego State University Stress Management Course
2015	Guest lecturer: UC San Diego, School of Music, Embodied Performance MU 206
2013-2014	Guest lecturer: VA San Diego Posttraumatic Stress Disorder (PTSD) program seminar series.
2014	Guest lecturer: Seminar in Psychological Assessment, PSY 855; doctoral level course offered in the SDSU/UCSD Joint Doctoral Program in Clinical Psychology.

COMMITTEE SERVICE

- Military Sexual Trauma Clothesline Project, VA San Diego, student representative for PTSD services (2011, 2012)
- SDSU/UCSD Joint Doctoral Program in Clinical Psychology, student representative for the neuropsychology student selection committee (2010).
- SDSU/UCSD Joint Doctoral Program in Clinical Psychology, student interviewer for the student selection committee (2006-2011).
- SDSU, Psychology Department, student representative for the five-year departmental review (2005).

PROFESSIONAL SERVICE

Journal Reviewer

- Biological Psychiatry
- NeuroImage
- Mindfulness

Pearson, Inc

- Consultant for WMS-5 (2016-2020)

PUBLIC SERVICE AND DATA DISSEMINATION

04/2017: Men's Journal: Brain training: Are we over thinking it?

<http://www.mensjournal.com/health-fitness/articles/brain-training-are-we-over-thinking-it-w470455>

1/2016: The New York Times: To Better Cope with Stress, Listen to Your Body.

<http://well.blogs.nytimes.com/2016/01/13/to-better-cope-with-stress-listen-to-your-body/>

9/2015: The New York Times: Does Mindfulness Make You a Better Athlete?

http://well.blogs.nytimes.com/2015/09/30/does-mindfulness-make-for-a-better-athlete/?_r=0

9/2015: Outside Magazine: "Can Mindfulness Make You A Better Athlete?";

<http://www.outsideonline.com/2016861/can-mindfulness-training-make-you-better-athlete>

5/2015: Time Magazine "The Science of Bouncing Back" as part of the Frontiers of Medicine section in TIME Magazine. <http://time.com/3892044/the-science-of-bouncing-back/>

9/2014: Runner's World: "Mindfulness for Athletes"; <http://www.runnersworld.com/sports-psychology/mindfulness-for-athletes>

6/2013: RedBull.com "The River of Pain";

http://www.redbull.com/cs/Satellite/en_US/Article/The-River-of-Pain-021243349314605;

<http://www.redbull.tv/videos/1408052931050-161705460/project-acheron>

12/2013: Outside Magazine, "Cracking the Athlete's Brain";

<http://www.outsideonline.com/fitness/mental-conditioning/Head-Games-Brain-Injuries-Study-Athletes.html>

1/2014: Today Show interview exploring mindfulness training to enhance resilience entitled,

"Train Your Brain During Stressful Times"; <http://www.today.com/video/today/54191738>

2/2014: Motherboard/Vibe magazine, "How to Swim from Cuba to Florida";

<http://motherboard.vice.com/read/how-to-swim-from-cuba-to-florida>

5/2014: Science Daily, "War and Peace (of Mind): Mindfulness training for military could help them deal with stress"; <http://www.sciencedaily.com/releases/2014/05/140516092519.htm>

6/2014: Imperial Valley News, Mindfulness Training Program May Help Olympic Athletes Reach Peak Performance"; <http://www.imperialvalleynews.com/index.php/news/sports/9150-mindfulness-training-program-may-help-olympic-athletes-reach-peak-performance.html>

AWARDS

- National Institute of Mental Health Loan Repayment Program (2013; declined)
- UCSD Graduate Student Travel Award (2006-2012)
- SDSU College of Sciences Student Travel Award (2006-2011)
- First Place Award, The 24th Annual Department of Psychology Research Conference, SDSU (2005)
- SDSU, Department of Psychology, Graduate Research Assistantship (2003-2005)
- Association for Chemoreception Sciences, Student Travel Award (2004)

- Second Place Award, The 23rd Annual Department of Psychology Research Conference, SDSU (2004)
- Virginia Commonwealth University, Dean's List (1999-2002)

PROFESSIONAL AFFILIATIONS

- California Psychological Association (2019-Present)
- American Psychological Association (2016-Present)
- American Psychological Association, Division 40 (Clinical Neuropsychology) (2010-Present)
- National Academy of Neuropsychology (2016-Present)
- American Academy of Clinical Neuropsychology (2016-Present)
- Association for Chemoreception Sciences (2003-2012)
- Cognitive Neuroscience Society (2013)
- Human Brain Mapping (2006, 2010, 2011, 2014)
- International Neuropsychological Society (2002, 2007-2010, 2016-Present)
- Society for Neuroscience (2004-2014)

OTHER RELEVANT TRAINING

- National Academy of Neuropsychology: Sports Concussion Symposium, Vancouver, Canada (7/2016)
- UCSD Center for Mindfulness: 6-day MBSR Foundational Teacher Training, 9/20/2014 – 9/26/2014
- UCSD Clinical Neuropsychology Seminar (2009, 2011-Present)
- UCSD Department of Psychiatry Grand Rounds (2012-Present)
- Electrical Geodesics Incorporated (EGI), Geodesic EEG System 300 MR Package installation 4-day training (2012)
- Cognitive Processing Therapy for PTSD: Basic training workshop (2011)
- Department of Veterans Affairs, Employee Education System: VISN 22 Motivational Interviewing Workshop (2011)
- Society for Neuroscience. Neurobiology of Disease Workshop: The Neurobiology of Obesity (2010)
- Attended weekly training meetings designed to teach Rorschach administration and interpretation (2009)
- Analysis of Functional Neuroimaging Bootcamp, Center for Functional MRI, UCSD (2009)
- Advanced AFNI Workshop, Center for Functional Neuroimaging, UCSD (2005)
- fMRI: Workshop at the Medical College of Wisconsin, Milwaukee, WI (2004)
- Motivational Interviewing Workshop, Virginia Commonwealth University, Richmond, VA (2001)