

Megan M. Herting, Ph.D.
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EDUCATION

- 2007 – 2012 Oregon Health & Science University (OHSU), Portland, OR; Ph.D. in Behavioral Neuroscience; Preceptor: Bonnie J. Nagel, Ph.D.
- 2003 – 2007 University of Illinois -- Urbana-Champaign, IL; B.S. in Psychology with Honors; Advisors: William T. Greenough, Ph.D. & Julie A. Markham, Ph.D.

PROFESSIONAL RESEARCH EXPERIENCE:

Present **Postdoctoral Research Fellow**; Department of Pediatrics, Children's Hospital Los Angeles/ University of Southern California; Mentor: Elizabeth Sowell, Ph.D.; Characterizing the unique effects of age, pubertal maturation, and sex on neurodevelopment.

2007-2012 **Graduate Research Assistant**; Department of Behavioral Neuroscience, OHSU; Preceptor: Bonnie J. Nagel, Ph.D.; Examined structural, functional, and neurocognitive development in healthy and at-risk adolescents, using neuropsychological assessment, MRI, fMRI, and DTI techniques.

Second Year Project Title: *Delay discounting behavior and prefrontal white matter microstructure abnormalities in high-risk youth*; Examined white matter characteristics and impulsivity in youth with and without a family history of alcohol abuse.

Dissertation Thesis: *The impact of exercise on brain structure and function in adolescents*; Examining learning and memory, brain volume, and brain activity in high and low-active youth.

2006-2007 **Senior Honors Thesis Research Project**; Department of Psychology and Neuroscience, University of Illinois, Urbana-Champaign; Advisor: William T. Greenough, Ph.D.

Title: *Reducing task-associated stress mitigates cognitive deficit in a mouse model of fragile X mental retardation syndrome*; Examined the neurobiological, neuroendocrine, and cognitive alterations associated with the impaired glucocorticoid negative feedback phenotype of Fragile X Syndrome, using the well-established Fmr1 Knockout mouse model.

2005-2006 **Undergraduate Research Assistant**; Department of Psychology and Neuroscience, University of Illinois, Urbana-Champaign; Advisor: William T. Greenough, Ph.D.; Studied neural substrates of learning and memory, as well as, neuronal plasticity in development, including the effects of experience on myelination during adolescence and adulthood in the rat.

OTHER PROFESSIONAL COURSEWORK

- 2013 Multivariate Modeling of Individual Changes and Group Differences (USC, Psych 524)
2012 Managing a Scientific Laboratory Workshop (USC, Keck School of Medicine)
2012 Advanced Training Institute on Structural Equation Modeling in Longitudinal Research
2011 SRNDNA Methods Workshop: Multilevel Modeling
2010 Analysis and Function of Large-Scale Brain Networks, SfN Short Course
2010 Analysis of Functional NeuroImages (AFNI) Short Course
2008 Introductory fMRI Course Lecture Materials, Medical College of Wisconsin

HONORS AND AWARDS:

2012 Travel Award, ATI on Structural Equation Modeling, American Psychological Association
 2012 Travel Award, Determinants of Executive Function and Dysfunction
 2011 Science Directorate's Dissertation Research Award, American Psychological Association
 2011 Ashworth Graduate Training Award, Department of Behavioral Neuroscience, OHSU
 2011 Travel Award, NIAAA Training Directors Meeting and Trainee Workshop, Brown University
 2011 Travel Award, Methods Workshop: Multilevel Modeling, SRNDNA
 2010 Best Graduate Student Paper Award, Department of Behavioral Neuroscience, OHSU
 2010 Research Society on Alcoholism Student Merit Award
 2010 Oral Presentation Award – 1st Place, Student Research Forum, OHSU
 2009 Research Society on Alcoholism Student Merit Award
 2008 Achievement Rewards for College Scientists Scholarship (2008-2011)
 2007 Janet Tritsch Memorial Award in Psychology, University of Illinois
 2007 Donald O. Hebb Award, Department of Psychology, University of Illinois
 2007 Bronze Tablet, University of Illinois
 2006 Undergraduate Psychology Travel Award
 2005 Illinois General Assembly Scholarship Award (2005-2007)
 2003 Dean's List, University of Illinois (2003-2007)

RESEARCH GRANTS, AWARDS, AND FELLOWSHIPS:

Active:

8/01/13 – 7/31/14 **F32 HD078084** **Herting (PI)/Sowell(Mentor)/Dahl(Co-Mentor)**
 Postdoctoral Ruth L. Kirschstein National Research Service Award (NRSA). A longitudinal study: the influence of sex and puberty on neurodevelopment. The goal of this study is to examine the unique relationships between sex, puberty, and age (and their interactions) on the development of brain structure, functional connectivity, and behavior.

8/1/13 – 7/31/15 **NIH Loan Repayment in Pediatric Research** **Herting(PI)**

Annual grant to Dr. Herting for the repayment of educational loan debt for performing qualified research within the mission of NIH.

Prior:

8/01/10 – 7/31/12 **F31 AA019866** **Herting (PI)/Nagel(Mentor)/Nigg(Co-Mentor)**
 Predoctoral Ruth L. Kirschstein National Research Service Award (NRSA). Exercise and hippocampal structure and function in adolescents. The goal of this study is to determine if exercise impacts brain structure and function in adolescents.

07/01/10 – 06/30/11 **Tartar Trust Fellowship** **Herting (PI)**
 Oregon Health & Science University Fellowship. The goal of this study is to examine hippocampal structure and function in high and low-active youth.

07/01/09 – 06/30/10 **T32AA007468** Phillips (PI)
 Biological Bases of Alcoholism Predoctoral Training Award. Role: Trainee

07/01/08 – 06/30/09 **T32DA007262** Neve (PI)
 Biological Bases of Drug-Seeking Behavior Predoctoral Training Award. Role: Trainee

PEER-REVIEWED PUBLICATIONS: (6 first author)

Research papers:

1. Markham, J.A., **Herting, M.M.**, Luszpak, A.E., Jurasak, J.M., Greenough, W.T. (2009) *Myelination of the corpus callosum in male and female rats following complex environment housing during adulthood.*

Brain Research. Vol. 1288(8): 9-17. PMID: 19596280 PMCID: PMC2737079

2. **Herting, M.M.**, Schwartz, D., Mitchell, S.H., Nagel, B.J. (2010) *Delay discounting and white matter microstructure abnormalities in youth at-risk for alcoholism*. Alcohol: Clinical and Experimental Research. Vol. 34(9): 1590-1602. PMID: 20586754 PMCID: PMC3206791
3. **Herting, M.M.**, Fair, D., Nagel, B.J. (2011) *Altered fronto-cerebellar circuitry in alcohol-naïve youth with a family history of alcoholism*. NeuroImage. Vol. 54(4): 2582-2589. PMID: 20970506 PMCID: PMC3150517
4. Nagel, B.J., Bathula, D., **Herting, M.**, Fair, D., Nigg, J. (2011) *Altered White Matter Microstructure in Children with Attention Deficit/Hyperactivity Disorder*. Journal of the American Academy of Child and Adolescent Psychiatry. Vol. 50(3): 283-292. PMID: 21334568 PMCID: PMC3150529
5. Cservenka, A., **Herting, M.M.**, Nagel, B.J. (2012) *Atypical frontal lobe activity during verbal working memory in youth with a family history of alcoholism*. Drug and Alcohol Dependence. Vol. 123(1-3): 98-104. PMID: 22088655 PMCID: PMC3294260
6. **Herting, M.M.**, Maxwell, E., Irvine, C. and Nagel, B.J. (2012) *Sex, Puberty, and Hormones Relate to White Matter Microstructure in Adolescents*. Cerebral Cortex. Vol. 22(9): 1979-1992. PMID: 22002939 PMCID: PMC3412439
7. **Herting, M.M.** and Nagel, B.J. (2012) *Aerobic fitness relates to learning on a virtual morris water task and hippocampal volume in adolescents*. Behavioural Brain Research. Vol. 233(2):517-525. PMID: 22610054 PMCID: PMC3403721
8. Cservenka, A., **Herting, M.M.**, Mackiewicz Seghete, K.L., Nagel, B.J. (2012) *High and low sensation seeking adolescents show distinct patterns of brain activity during reward processing*. NeuroImage. Vol. 66C: 184-193. PMID: 23142276 PMCID: PMC3604176
9. Mackiewicz Seghete, K.L., Cservenka, A., **Herting, M.M.**, Nagel, B.J. (2013) *Alterations in spatial working memory specific and task general brain regions in substance-naïve youth with a family history of alcoholism*. Alcohol: Clinical and Experimental Research. Vol. 37(3): 390-398. PMID: 23078615 PMCID: PMC3556373
10. **Herting, M.M.** and Nagel, B.J. (2013) *Differences in brain activity during a verbal associative memory-encoding task in high and low-fit adolescents*. Journal of Cognitive Neuroscience. Vol. 25(4): 595-612. PMID: 23249350 PMCID: PMC3786681
11. Nagel, B.J., **Herting, M.M.**, Maxwell, E., Bruno, R., Fair, D. (2013) *Hemispheric lateralization of verbal and spatial working memory during adolescence*. Brain and Cognition. 82(1): 58-68. PMID: 23511846 PMCID: PMC3652620
12. Mackiewicz Seghete, K.L., **Herting, M.M.**, Nagel, B.J. (2013) *White matter microstructure correlates of inhibition and task-switching in adolescents*. Brain Research. 1527:15-28. PMID: 23811486 PMCID: PMC3758237
13. **Herting, M.M.**, Colby, J.B., Sowell, E.R., Nagel, B.J. (2014) *White matter connectivity and aerobic fitness in male adolescents*. Developmental Cognitive Neuroscience. 7:65-75. PMID: 24333926 PMCID: In process

IN PREPARATION:

1. Peraza, J., Cservenka, A., **Herting, M.M.**, Nagel, B.J. *Over-activation in emotion regulating brain regions among youth with a family history of alcoholism.*
2. **Herting, M.M.**, Gautnam, P., Kan, E., Speilberg, J.E., Dahl, R.E., Sowell, E.R. *Puberty tips the balance of some neuromaturational processes during adolescence: a longitudinal structural MRI study.*
3. **Herting, M.M.**, Gautnam, P., Kan, E., Dahl, R.E., Sowell, E.R. A longitudinal study: Puberty specific changes in cortical thickness during adolescence.
4. **Herting, M.M.**, Cservenka, A., Sasse, S.A., Fair, D.A. and Nagel, B.J. *The hippocampus continues to integrate into the default network between early to mid-adolescence.*

BOOK CHAPTERS:

Nagel, B.J., **Herting, M.M.**, Cservenka, A. "Chapter 7: Working Memory and Addictive Behavior," in *Working memory: The Connected Intelligence*, Editors: Alloway, T.P. and Alloway, R.G. Frontiers in Cognitive Psychology, In Press.

Houston, S., **Herting, M.M.**, Sowell, E.R. "Chapter 1: General Systems Level Development," in *The Neurobiology of Childhood*, Editors: Andersen, S.L. and Pine, D.S. Springer, In Preparation.

INVITED PRESENTATIONS:

1. *Puberty specific cortical maturation in adolescents* (November, 2013) Invited nanosymposium presentation at the Society for Neuroscience Annual Meeting, San Diego, CA.
2. *Differences in brain activity during a verbal associative memory-encoding task in high and low-active adolescents* (May, 2012). Oregon Health & Science University's Research Week.
3. *Atypical default network connectivity in youth with a family history of alcoholism* (September, 2011). NIAAA Training Directors Meeting and Trainee Workshop.
4. *Sex hormones and white matter microstructure in adolescents* (June, 2010). Invited presentation for Oregon Health & Science, Advanced Imaging Research Center's Operators Meeting.
5. *Atypical fronto-cerebellar connectivity in the brains of youth at risk for alcoholism* (May, 2010). Oregon Health & Science University Student Research Forum.
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7. *Impulsivity and white matter microstructure abnormalities in youth with a family history of alcohol and substance abuse* (January, 2009). Invited presentation for NIDA/NIAAA Annual Retreat.
8. *Changes in white matter integrity across adolescence using Tract Based Spatial Statistics* (February, 2008). Invited presentation for NIDA/NIAAA Annual Retreat.

ABSTRACTS:

1. **Herting, M.M.**, Nuñez, S.C., Chen, C., Gautam, P., Orozco, M., Sowell, E.R. (June, 2014) *Age and sex effects on adolescent performance of varying task difficulty on an fMRI Go/No-go task.* Poster to be presented at Human Brain Mapping Annual Meeting, Hamburg, Germany.
2. Lynch, K.M., Uban, K.A., **Herting, M.M.**, Gautam, P., Colby, J.B., Kan, E., Adams, C.M., May, P.A., Narr, K.L., Sowell, E.R. (June, 2014) *Prenatal alcohol exposure associations with structural connectivity differ in boys and girls.* Poster to be presented by K.M.L. at Human Brain Mapping Annual Meeting, Hamburg, Germany.

3. Uban K.A., Lynch, K.M., Andrade, A.F., **Herting, M.M.**, Gautam, P., Nunez, C., Colby, J.B., Kan, E., Adnams, C.N., May, P.A., Narr, K.L., Mattson, S.N., Riley, E.P., Sowell, E.R. (June, 2014) *Associations between structural connectivity and cognition in youth prenatally exposed to alcohol*. Poster to be presented by K.M.L. at Human Brain Mapping Annual Meeting, Hamburg, Germany.
4. Nir, T.M., Uban, K.A., **Herting, M.M.**, Yogev, R., Williams, P.L., Malee, K.M., Csenansky, J.G., Wang, L., Nichols, S., Huo, Y., Jahanshad, N., Thompson, P.M., Sowell, E.R., for the Pediatric HIV/AIDS Cohort Study. (June, 2014) *Altered Structural White Matter Networks in Youth with Perinatally Acquired HIV*. Poster to be presented by T.M.N. at Human Brain Mapping Annual Meeting, Hamburg, Germany.
5. Chen, C., **Herting, M.M.**, Sowell, E.R. (June, 2014). *Sex differences in relationships between brain volume and risk beliefs and behaviors in adolescents*. Poster to be presented by C.C. at Human Brain Mapping Annual Meeting, Hamburg, Germany.
6. Uban, K.U., **Herting, M.M.**, Colby, J., Yogev, R., Williams, P., Malee, K., Csernansky, J., Wang, L., Huo, Y., Sowell, E.R., P. Coordinating Center (November, 2013) *Alterations in structural connectivity depends on current versus history of disease severity in youth with perinatally acquired HIV*. Poster presented by. K.A.U. at Society for Neuroscience Annual Meeting, San Diego, CA. Program Number 727.17. Abstract Viewer/Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2013. Online.
7. **Herting, M.M.**, Gautam, P., Kan, E., Sowell, E.R. (November, 2013) *Puberty specific cortical maturation in adolescents*. Nanosymposium presentation at the Society for Neuroscience Annual Meeting, San Diego, CA. Program Number 217.10. Abstract Viewer/Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2013. Online.
8. Gautam, P., Nunez, C., **Herting, M.M.**, Uban, K.U., Mattson, S.N., Riley, E.P. Kan, E.C., Colby, J.B., Sowell, E. (November, 2013) *Longitudinal change in cognitive function is associated with white matter connectivity changes in children prenatally exposed to alcohol*. Presented by P.G. at the Society for Neuroscience Annual Meeting, San Diego, CA. Program Number 852.24. Abstract Viewer/Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2013. Online.
9. Sowell, E.R., **Herting, M.M.**, Uban, K.U., Fair, D.A., Yogev, R., Williams, P., Malee, K., Csernansky, J., Wang, L., Huo, Y. P.H.A.C.S. Team (November, 2013) *The association of current and historical HIV disease severity with functional brain connectivity in adolescents with perinatally acquired HIV infection*. Presented by **M.M.H.** at the Society for Neuroscience Annual Meeting, San Diego, CA. Program Number 727.18. Abstract Viewer/Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2013. Online.
10. **Herting, M.M.**, Gautam, P., Dahl, R.E., Sowell, E.R. *A longitudinal MRI study: puberty specific cortical and subcortical maturation in adolescence*. Poster presented at the inaugural Flux Congress Annual Meeting, Pittsburgh, PA.
11. **Herting, M.M.**, Dahl, R.E., Forbes, E.E., Sowell, E.R. (June, 2013) *Puberty related subcortical maturation across adolescence: a longitudinal MRI study*. Presented at Human Brain Mapping Annual Meeting, Seattle, WA.
12. Uban, K.A., **Herting, M.M.**, Sowell, E.R. (June, 2013) *Sexually dimorphic alterations in structural connectivity in youth with a fetal alcohol spectrum disorder*. Poster presented by K.A.U. at Research Society on Alcoholism, Orlando, FL.

13. **Herting, M.M.**, Hudson, K. and Nagel, B.J. (October, 2012) *Aerobic exercise relates to parahippocampal white matter integrity in youth*. Poster presented at Society for Neuroscience Annual Meeting, New Orleans, LA. Program Number 693.04. Abstract Viewer/Neuroscience Meeting Planner. New Orleans, LA: Society for Neuroscience, 2012. Online.
14. Alarcón, G., Cservenka, A., Mackiewicz Seghete K., **Herting, M.M.** and Nagel, B.J. (October, 2012) *Sex differences in blood oxygen level-dependent (BOLD) activation during spatial working memory in a sample of healthy adolescents*. To be presented by G.A. at the Society for Neuroscience Annual Meeting, New Orleans, LA. Program Number 99.11. Abstract Viewer/Neuroscience Meeting Planner. New Orleans, LA: Society for Neuroscience, 2012. Online.
15. Nagel, B.J., Cservenka, A., Stroup, M., Mackiewicz Seghete, K., **Herting, M.M.** and Fair, D. (October, 2012) *Functional Connectivity of the Amygdala Across Adolescence*. Presented by B.J.N. at American Academy of Child & Adolescent Psychiatry Annual Meeting, San Francisco, CA.
16. Cservenka, A., **Herting, M.M.** and Nagel, B.J. (June, 2012) *High and low sensation seeking youth show distinct patterns of brain activity during reward processing*. Presented by A.C. at the Research Society on Alcoholism Annual Meeting, San Francisco, CA.
17. **Herting, M.M.** and Nagel, B.J. (April, 2012) *Differences in brain activity during a verbal associative memory encoding task in high and low-active adolescents*. Presented at the Cognitive Neuroscience Society Annual Meeting, Chicago, IL.
18. Waldman, J.S. Herting, M.M., Li, S.T. and Nagel, B.J. (April, 2012) *White matter microstructure predicts performance on a modified version of the PASAT in an adolescent population*. Presented by J.S.W. at the Cognitive Neuroscience Society Annual Meeting, Chicago, IL.
19. Stroup, M.L., Mackiewicz Seghete, K. L., Sasse, S.F., **Herting, M.M.** and Nagel, B.J. (April, 2012) *Pubertal differences in the neural substrates of cognitive control during adolescence*. Presented by M.L.S. at the Cognitive Neuroscience Society Annual Meeting, Chicago, IL.
20. Mackiewicz Seghete, K.L., **Herting, M.M.** and Nagel, B.J. (April, 2012) *White matter microstructure and cognitive control in a developmental sample*. Presented by K.L.M-S at the Cognitive Neuroscience Society Annual Meeting, Chicago, IL.
21. Waldman, J.S., **Herting, M.M.**, Stroup, M.L., Li, S.T. and Nagel, B.J. (February, 2012) *The PASAT: A sensitive measure of inhibition, attention, and working memory in adolescents*. Presented by J.S.W. at International Neuropsychological Society Annual Meeting, Montreal, Canada.
22. Peraza, J., Cservenka, A., **Herting, M.M.** and Nagel, B.J. (February, 2012) *Over-activation in emotion regulating brain regions among youth with a family history of alcoholism*. Presented by J.P. at International Neuropsychological Society Annual Meeting, Montreal, Canada.
23. **Herting, M.M.**, Fair, D.A. and Nagel, B.J. (November, 2011) *Functional connectivity between the anterior-posterior axis of the hippocampus and other brain networks in adolescents*. Poster presented at Society for Neuroscience Annual Meeting, Washington D.C. Program Number 94.12. Abstract Viewer/Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2011. Online.
24. **Herting, M.M.**, Alavi, S.M., Sasse, S.F., Cservenka, A., Mills, K.A., Fair, D.A. and Nagel, B.J. (April, 2011) *The hippocampus continues to integrate into the default mode network from early to mid-adolescence*. Poster presented at Society for Neuroscience- Oregon Chapter Annual Meeting, McMinnville, OR.

25. Stroup, M.L., Cservenka, A., **Herting, M.M.**, Fair, D.A. and Nagel, B.J. (June, 2011) *Altered amygdalar functional connectivity in youth with a family history of alcoholism*. Poster presented by A.C. at the Research Society on Alcoholism Annual Meeting, Atlanta, GA.
26. **Herting, M.**, Maxwell, E., Irvine, C., Nagel B. (November, 2010) *Sex hormones and white matter microstructure in adolescents*. Presented at the Society for Neuroscience Annual Meeting, San Diego, CA. Program Number 302.8. Abstract Viewer/Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2010. Online.
27. **Herting, M.**, Fair, D. and Nagel B. (June, 2010) *Abnormal fronto-cerebellar connectivity and associated white matter in youth with a high-risk for alcoholism*. Poster presented at the Research Society on Alcoholism Annual Meeting, San Antonio, TX.
28. **Herting, M.M.**, Blythe, M., Cservenka, A., Irvine, C., Fair, D., Nagel, B. (October, 2009) *Altered fronto-cerebellar functional connectivity in youth with a high-risk for alcoholism*. Presented at the Society for Neuroscience Annual Meeting, Chicago, IL. Program Number 474.4. Abstract Viewer/Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2009. Online.
29. **Herting, M.** and Nagel, B. (June, 2009) *Microstructural White Matter Abnormalities in Youth with a Family History of Alcoholism*. Presented at the Research Society on Alcoholism Annual Meeting, San Diego, CA.
30. Nagel, B.J., **Herting, M.**, Bruno, R. (June, 2009) *The Neural Substrates of Reward-Based Decision Making in Youth with Family History of Alcohol Use Disorders*. Talk given by B.J.N. at the Research Society on Alcoholism Annual Meeting, San Diego, CA.
31. **Herting, M.**, Fair, D., Bruno, R., Nagel, B.J. (March, 2009) *Hemispheric lateralization of verbal and spatial working memory exists in developing youth*. Presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.
32. Fonareva, I., Zajdel, D., **Herting, M.**, McGee, W., Oken, B. (March, 2009) *Cognitive processes in older adults: potential impact of stress and physiological functioning*. Presented by I.F. at Cognitive Neuroscience Society Annual meeting, San Francisco, CA.
33. Greenough, W.T., Markham, J.A., **Herting, M.M.**, Vanderjak, S.L. (November, 2007) *Increasing familiarization with the testing environment mitigates cognitive deficit in a mouse model of fragile X mental retardation syndrome*. Presented by **M.M.H.** Program Number 969.12. Abstract Viewer/Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2007. Online.
34. Li, T.C., Markham, J.A., **Herting, M.M.**, Juraska, J.M., Greenough, W.T. (October, 2006) *Callosal myelination following complex environment in male and female rats*. Presented by **M.M.H.** at the annual meeting of Society for Neuroscience, Atlanta, GA. Program Number 9308. Abstract Viewer/Neuroscience Meeting Planner. Atlanta, GA: Society for Neuroscience, 2006. Online.

TEACHING:

Winter 2012 Course Co-Instructor and Lecturer, Department of Psychology, Portland State University: OHSU-PSU Teaching Practicum. "Advanced Physiological Psychology." Organized, presented, and created assessments for the Memory Module for this undergraduate course.

- Fall 2011 **Lecturer**, Lewis and Clark College; *“The Adolescent Brain”* for Undergraduate Neuroscience Fall Course taught by Yueping Zhang, Ph.D.
- Winter 2011 **Lecturer**, University of Portland; *“Learning How Cells Learn: Part 1 and 2”* for Neuroscience and Learning Education Course taught by Ellyn Arwood, Ed.D.
- Fall 2011 **Course Co-Instructor and Lecturer**. Department of Psychology, Pacific University; *“Functional Magnetic Resonance Imaging in Neuropsychological Practice.”* Graduate course on fMRI techniques and their use in furthering our understanding of neuropsychological disorders.
- Summer 2010 & 2011 **Lecturer**, Portland State University; *“Behavioral Neuroscience & fMRI”* for Undergraduate Biomedical Physics Summer Course taught by Ralf Widenhorn, Ph.D.

JOURNAL REVIEWING

Ad-hoc Journal Co-reviews:

Addiction, 2011
Alcohol: Clinical and Experimental Research, 2010-2011
Cerebral Cortex, 2012
Developmental Neuropsychology, 2011
Neuropsychopharm, 2011
Pediatric Infectious Disease Journal, 2013
Psychology of Addictive Behaviors, 2011

Journal Reviews:

Biological Psychiatry, 2013
Brain Research, 2013
Human Brain Mapping, 2013
Neuroimage, 2013
Neuroscience, 2013
Psychiatry Research: Neuroimaging, 2012

AFFILIATIONS:

2013 – Present Organization for Human Brain Mapping (OHBM), Member
 2011 – Present American Psychological Association (APA), Member
 2010 – Present Society for Neuroscience (SfN), Member
 2008 – Present Cognitive Neuroscience Society (CNS), Member
 2008 – Present American Associations for the Advancement of Science (AAAS), Member
 2005 – Present National Honor Society for Psychology, Psi Chi- Illinois Chapter, Member

OUTREACH AND SERVICE:

2010 - 2012 OHSU’s Student Health Advisory Committee, Graduate Student Representative
 2011 - 2012 OHSU’s Behavioral Neuroscience Curriculum Committee Student Representative
 2009 - 2011 OHSU’s Brain in a Box Volunteer
 Feb. 2010 Robert Gray Middle School Science Fair Judge
 Mar. 2009 Portland Alcohol Research Center K-3 Brain/Safety Program
 May 2008 Girls Incorporated of Northwest Oregon Symposium
 2005 - 2007 Brain Awareness Day, University of Illinois, 2005-2007
 2004 - 2007 Counseling Center Paraprofessional, Champaign, IL, 2004-2007