

ACADEMIC VITA
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I. PROFESSIONAL EXPERIENCE

- January 2, 2018 – August 9, 2019 Interim Chair, Department of Psychology, Thomas Harriot College of Arts and Sciences, East Carolina University
- July 1, 2016- Clinical Professor, Department of Internal Medicine, Division of Neurology, Brody School of Medicine at East Carolina University (fixed term appt)
- 2012-present Full Professor with Permanent Tenure (effective August 20, 2012)
Department of Psychology
East Carolina University
Greenville, NC
- 2006 - 2012 Associate Professor with Permanent Tenure (effective August, 2006)
Department of Psychology
East Carolina University
Greenville, NC
- 2006 – 2012 Director of Research
Pitt County Memorial Hospital Sleep Center
Greenville, NC
- 2000 – 2006 Assistant Professor
Department of Psychology
East Carolina University
Greenville, NC
- 2005 – 2007 Director, BA/BS Multidisciplinary Program in Neuroscience
East Carolina University
- 1998 – 2000 Clinical Instructor (courtesy appointment during postdoctoral training)
Department of Neurology
SUNY Buffalo School of Medicine

- 1997 – 2000 Predoctoral Internship and Postdoctoral Fellowship (see above)
- 1992 – 1993 Psychiatric Social Worker
Delaware Psychiatric Center
New Castle, DE

II. EDUCATION AND CREDENTIALS

- September 19, 2018 Board certification in Behavioral Sleep Medicine, (DBSM, Board of Behavioral Sleep Medicine) Certificate #20182200053
- May 3, 2008 Board certification in Clinical Neuropsychology, American Board of Professional Psychology (ABPP/CN) Diploma #6440
- June 10, 2007 Certification in Behavioral Sleep Medicine (CBSM, American Academy of Sleep Medicine) Certificate #94
- 2000 – Present Licensed Psychologist, North Carolina
2000 – Present Licensed Psychologist, New York
- 1998 – 2000 Postdoctoral Neuropsychology Residency/Fellowship*
Department of Neurology
SUNY Buffalo School of Medicine
**Member of Association for Postdoctoral Programs in Clinical Neuropsychology (APPCN)*
- 1997 – 1998 Predoctoral Internship*
Buffalo Veterans Affairs Medical Center
(Clinical Neuropsychology/Geropsychology Specialties)
**Accredited by the American Psychological Association (APA)*
- 1998 – Ph.D. Virginia Polytechnic Institute and State University
(Clinical Psychology)
- 1996 – M.S. Virginia Polytechnic Institute and State University
(Clinical Psychology)
- 1992 – B.A. University of Delaware *(Phi Beta Kappa)*
Major: Psychology (Summa Cum Laude)

III. CURRENT RESEARCH AND SCHOLARLY INTERESTS

Neurocognitive function, Behavioral Sleep Medicine, Factors associated with CPAP compliance, Cortical, subcortical, and autonomic correlates of emotion; cerebral regulation of the autonomic nervous system; emotion and aging; electrophysiology and event-related-potentials (ERPs).

IV. CLINICAL INTERESTS

Dementia (FTDs), stroke, epilepsy, agnosia syndromes, closed head injury, behavioral medicine/sleep medicine, adherence to treatment for Obstructive Sleep Apnea.

V. RESEARCH ACTIVITIES

A. Refereed Articles

1. Kobak, R., Everhart, D. E., Ferenz-Gillies, R., & Seabrook, L. (1994). Maternal attachment strategies and emotion regulation with adolescent offspring. *Journal of Research on Adolescence*, 4(4), 553-566.
2. Everhart, D. E. & Harrison, D. W. (1995). Hostility: Support for concurrent right orbital frontal deactivation and right temporal activation. *Journal of Neurotherapy*, 1(2), 55-59.
3. Everhart, D. E., Harrison, D. W., & Crews, W. D. (1996). Hemispheric asymmetry as a function of handedness: Perception of facial affect stimuli. *Perceptual and Motor Skills*, 82, 264-266.
4. Everhart, D. E., Blieszner, R., & Edwards, T. (1996). Doctoral study in adult development and aging: 1994 survey results. *Educational Gerontology*, 22, 451-466.
5. Shapiro, D. M., Harrison, D. W., Crews, W. D., & Everhart, D. E. (1996). Age differences in hemispheric activation to sensory condition. *International Journal of Neuroscience*, 87, 249-256.
6. Parker, J. S., Everhart, D. E., Flory, R. K. & Denbow, D. M. (1996). Neurochemical, physiological, and behavioral effects of bright light on a cortically blind patient. *International Journal of Neuroscience*, 88, 273-282.
7. Alden, J. D., Harrison, D. W., Snyder, K. A., & Everhart, D. E. (1997). Age differences in intention to left and right hemispace using a dichotic listening paradigm. *Neuropsychiatry, Neuropsychology, and Behavioral Neurology*, 10(4), 239-242.
8. Harrison, D. W., Demaree, H. A., Everhart, D. E., & Shenal, B. V. (1998). QEEG assisted neuropsychological evaluation of autism. *International Journal of Neuroscience*, 93(1-2), 133-140.
9. Emerson, C. S., Harrison, D. W., & Everhart, D. E. (1999). An investigation of receptive prosodic ability in depressed and non-depressed school-aged boys. *Neuropsychiatry, Neuropsychology, and Behavioral Neurology*, 12(2): 102-109.
10. Everhart, D. E. & Harrison, D. W. (2000). Facial affect perception among anxious and non-anxious men. *Psychobiology*, 28(1), 90-98.
11. Everhart, D. E., Demaree, H.A., Harrison, D.W., & Williamson, J. B. (2001). "Delusions" of space: A case study utilizing topographical brain mapping and QEEG. *Journal of Neurotherapy*, 4(4), 19-29.
12. Everhart, D. E., Shucard, J. L., Quatrin, T., & Shucard, D. W. (2001). Sex-related differences in ERPs, face recognition, and facial affect processing in prepubertal children. *Neuropsychology*, 15(3), 329-341.

13. Emerson, C. S., Harrison, D. W., Everhart, D. E., & Williamson, J. B. (2001). Functional motor asymmetry in depressed boys. *Neuropsychiatry, Neuropsychology, and Behavioral Neurology*, 14(2), 130-134.
14. Everhart, D. E., & Harrison, D. W. (2002). Heart rate responsivity and fluency performance in anxious and nonanxious men following a painful stimulus. *International Journal of Neuroscience*, 112, 1049-1071.
15. Everhart, D. E., Harrison, D. W., Shenal, B. V., Williamson, J. B., & Wuensch, K. L. (2002). Grip-strength, fatigue, and motor perseveration in anxious men without depression. *Neuropsychiatry, Neuropsychology, and Behavioral Neurology*, 15(2), 133-142.
16. Everhart, D.E., & Demaree, H.A. (2003). Low alpha power (7.5 – 9.5 Hz) changes during positive and negative emotion processing *Cognitive, Affective, and Behavioral Neuroscience.*, 3(1), 39-45.
17. Everhart, D.E., Demaree, H.A., & Wuensch, K.L. (2003). Healthy high hostiles evidence low alpha power (7.5 – 9.5Hz) changes during negative affective learning. *Brain and Cognition*, 52, 334-342.
18. Demaree, H. A., & Everhart, D. E. (2004) Healthy high-hostiles evidence reduced parasympathetic activity and decreased sympathovagal flexibility during positive and negative emotion processing. *Personality and Individual Differences*, 36(2), 457-469.
19. Demaree, H.A., Shenal, B.V., & Everhart, D.E., & **Robinson JL** (2004) Primacy and recency effects found using affective word lists. *Cognitive and Behavioral Neurology*, 17(20), 102-108.
20. Everhart, D. E., Shucard, J. L., Quatrin, T., & Shucard, D. W. (2004). Tone probe event related potential differences during a face recognition task in prepubertal children and Turner Syndrome girls. *Psychoneuroendocrinology*, 29, 1260-1271.
21. Demaree, H.A., **Schmeichel, B.J., Robinson, J.L.**, & Everhart, D.E. (2004). Behavioral, affective, and physiological effects of negative and positive emotional exaggeration. *Cognition and Emotion*, 18, 1079-1097.
22. Demaree, H.A., **Robinson, J.L.**, Everhart, D.E. & **Schmeichel, B.J.** (2004). Resting RSA is associated with natural and self-regulated responses to emotional stimuli. *Brain and Cognition*, 56(1), 14-23.
23. Demaree, H.A., **Robinson, J.L.**, Everhart, D.E., & Youngstrom, E.A. (2005). Behavioral Inhibition System (BIS) strength and trait dominance are associated with affective response and perspective taking when viewing dyadic interactions. *International Journal of Neuroscience*, 115, 1579-1593.
24. Demaree, HA, Everhart, DE, Youngstrom, EA, & Harrison, DW (2005). Brain lateralization of emotional processing: Historical roots and a future incorporating “dominance.” *Behavioral and Cognitive Neuroscience Reviews*, 4(1), 3-20.

25. Demaree, HA., **Schmeichel, BJ., Robinson, JL., Piu, J.,** Everhart, DE, & Berntson, GG (2006). Up and down regulating facial disgust: Affective, vagal, sympathetic, and respiratory consequences. negative emotional expressions: Behavioral, affective, and autonomic consequences. *Biological Psychology*, 71, 90-99.
26. **Guntupalli, V. K.,** Kalinowski, J., **Nanjundeswaran, C.,** Saltuklaroglu, T., & Everhart, D. E. (2006). Psychophysiological responses of adults who do not stutter while listening to stuttering. *International Journal of Psychophysiology*, 62, 1-8.
27. Demaree, HA., Pu, J., **Robinson, JL, Schmeichel, BJ.** & Everhart, DE (2006). Predicting facial valence to negative stimuli from resting RSA: Not a function of active emotion regulation. *Cognition & Emotion*, 20, 161-176.
28. Everhart, DE, Demaree, HA, & **Shipley, AL** (2006). Perception of emotional prosody: Moving toward a model that incorporates sex-related differences. *Behavioral and Cognitive Neuroscience Reviews*, 5, 92-102.
29. **Nagle, AM,** Everhart, DE, Durham, TW, McCammon, SL, & Walker, M (2006). Cognitive dissimulation strategies in children: Examination of forced-choice recognition and verbal learning and memory techniques. *Archives of Clinical Neuropsychology*.
30. **Guntupalli, VK,** Everhart, DE, Kalinowski, J., & **Nandjundeswaren, C** (2007). Emotional and physiological responses of listeners while watching the speech of adults who stutter. *International Journal of Language and Communication Disorders*, 42, 113-129.
31. Everhart, DE, Demaree, HA, & Harrison, DW (2008). The influence of hostility on electroencephalographic activity during and affective memory task. *Clinical Neurophysiology*, 119, 134-143.
32. **Black, S.,** Everhart, DE. (2008). The effects of anxiety on affective learning and serial position recall. *International Journal of Neuroscience*, 118, 1269-1285.
33. Demaree, HA, DeDonno, MA, Burns, KJ, & Everhart, DE (2008). You Bet: How personality differences affect risk-taking preferences. *Personality and Individual Differences*, 44, 1484-1494.
34. Everhart, DE, **Shipley, AJ,** Demaree, HA (2009). Perception of emotional prosody: Establishing a link between sex-related differences, brain development, and sex hormones. *Linguistic Insights: Studies in Language and Communication*, 97, 157-192.
35. Demaree, HA, **Pu, J.,** Tkach, J., Jesberger, J., Feeny, N., Jen, L, Everhart, DE, & Duerk, J. (2009). 5HTTLPR Predicts left fusiform gyrus activation to positive emotional stimuli, *Magnetic Resonance Imaging*, 27, 441-448.
36. Demaree, HA, DeDonno, MA, Burns, KJ, Feldman, P, & Everhart, DE (2009). Trait dominance predicts risk taking. *Personality and Individual Differences*, 47, 419-422.
37. **Moran, AM,** Everhart, DE, Davis, CE, Wuensch, KL, Lee, DO & Demaree, HA (2010). Personality correlates of adherence with continuous positive airway pressure (CPAP). *Sleep and Breathing*. DOI 10.1007/s11325-010-0422-8.

38. Siegle, GJ, Johnson, SL, Everhart, DE, & Newton, T (2010). Tips on writing an F31 NRSA (that may be hard to get from the program announcement) written by real NRSA reviewers. *The Behavior Therapist*, 33, 160-164.
39. Davis, CE, **Hauf, JD**, Wu, DQ, & Everhart DE (2011). Brain function with complex decision making using electroencephalography. *International Journal of Psychophysiology*, 79, 175-183.
40. Everhart, DE (2011). Sleep disorders in children: Collaboration for school-based intervention. *Journal of Educational and Psychological Consultation*, 21, 133-148.
41. Everhart, DE, **Highsmith, JA**, & Davis, CE (2012). Posterior cortical atrophy: A case study of Benson's syndrome that initially presented as anxiety disorder. *Applied Neuropsychology*, 19, 229-236.
42. Demaree, HA, Burns, KJ, DeDonno, MA, Agarwala, EK, Everhart, DE (2012). Risk dishabituation: In repeated gambling, risk is reduced following a low probability, "surprising," event (win or loss), *Emotion*, 12, 495-502.
43. **Moran, AM**, & Everhart, DE (2012). Adolescent sleep: Review of characteristics, consequences, and intervention. *Journal of Sleep Disorders: Treatment and Care*, 1:2.
44. Sufrinko, A, Valrie, CR., Lanzo, L., Bond, KE, Trout, KL, Ladd, RE & Everhart DE (2015). Empirical validation of a short version of the adolescent sleep wake scale using a sample of ethnically diverse adolescents from an economically disadvantaged community. *Sleep Medicine*, 16, 1204-1206. Impact Factor: 3.391
45. Everhart, DE, **Watson, E, Bickel, K, & Stephenson, A** (2015) Right temporal lobe atrophy: A case that initially presented as excessive piety. *The Clinical Neuropsychologist*, 29, 1053-1067. Impact Factor: 1.564
46. **Highsmith, JM** & Everhart DE (2016). It's not what you expect: Feedback negativity is independent of reward expectancy and reward sensitivity in a non-probabilistic task. *Brain Informatics*. DOI: 10.1007/s40708-016-0050-6.
47. Everhart, DE, **Loveless, JP & Stephenson AJ** (2016). The emerging importance of evaluation of pre-injury sleep characteristics among adolescents with acquired traumatic brain injury. *International Journal of Neurorehabilitation* 3,210. doi:10.4172/2376-0281.1000210.
48. **Highsmith, JM, Stephenson, AJ**, & Everhart DE (2016). A review of assessment of sleep disruption in adults following traumatic brain injury. *International Journal of Neurorehabilitation*, 3:223. doi: 10.4172/2376-0281.1000223
49. **Watson, EM, Loveless, JP, Stephenson, AJ, Bickel, K, Lehockey, KA** & Everhart DE (2016). The relationship between anger, frontal asymmetry and the BIS/BAS scales. *Journal of Nature and Science*, 2, e264.
50. Rogers, S.D., Smith, P.J., **Stephenson, A.J.** & Everhart, D.E. (2017). Evidence for Annual Computerized Neuropsychological Baseline Testing of High School Athletes. *Sports Medicine*, 47: 1893. <https://doi.org/10.1007/s40279-017-0686-2> Impact Factor: 6.832

51. Copur, AS, Everhart, DE, Zhang, C, Chen, Z, Shekhani, H, Mathevosian, S., **Loveless, J, Watson, E**, Kadri, I, Wallace, L, Simon, E, & Fulambarker, AM (2017). Effect of personality traits on adherence with positive airway pressure therapy in obstructive sleep apnea patients. *Sleep and Breathing*. <https://doi.org/10.1007/s11325-017-1559-5> Impact Factor: 2.288
52. James, RB, Khattar, NK, Alijuboer, ZS, Page, PS, Shao, EY, Carter, LB, Meyer, KS, Daniels, M, Craycroft, J, Rai, SN, Everhart, DE, Simard, JM (2018) Continuous Infusion of Low-Dose Unfractionated Heparin after Aneurysmal Subarachnoid Hemorrhage: A Preliminary Study of Cognitive Outcomes using the Montreal Cognitive Assessment. *Journal of Neurosurgery*. <https://doi.org/10.3171/2017.11.JNS17894> Impact Factor 4.059
53. Valrie, C., **Trout, KL**, Bond, LE, **Ladd, RE, Huber, KE, Sufrinko, AM**, Everhart, DE & Fuh (2018). Sleep problem risk in adolescents with sickle cell disease: Socio-demographic, physical, and disease-related correlates. *Journal of Pediatric Hematology/Oncology*, 40, 116-121.
54. Loveless, J., Nicoletta, A., Winters, A., Carels, R., Wuensch, K, Whited, M., McCubbin, J., and Everhart, DE (2018). Exploring the relationship between frontal asymmetry and emotional dampening, *International Journal of Psychophysiology*, 123, 8-16.
55. Copur, AS & Everhart, DE (2018). A review of psychological and personality characteristics on PAP therapy adherence among sleep disordered breathing patients. *Journal of Lung Health and Diseases*, 2, 1-5.
56. **Watson,EM**, Ding, D, Everhart, DE & James, RB (2018). Neurocognitive outcomes after aneurysmal subarachnoid hemorrhage: Identifying inflammatory biomarkers, *Journal of the Neurological Sciences*, 394, 84-93.
57. Lehockey, KA, Winters, AR, Nicoletta, AJ, Zurlinden, TE & Everhart, DE (2018). The effects of emotional states and traits on time perception. *Brain Informatics*, 5, 1-13.
58. Mulkey, MA, Roberson, DW, Everhart, DE, & Hardin, SR (2018). Choosing a delirium assessment tool. *Journal of Neuroscience Nursing*, 50, 336-342.
59. Mulkey, MA, Hardin, SR, Olson, DM, Munro, C, & Everhart, DE (2019). Considering causes for hypoactive delirium. *Australasian Journal of Neuroscience*, 29, 1-9 (DOI: 10.21307/ajon-2017-015).
60. Mulkey, MA, Everhart, DE, Hardin, S (2019). Delirium vs dementia: What is the difference? *Journal of Health and Caring Sciences*, 1(1), 39-50. <https://www.sanbeda.edu.ph/index.php?/jhcs>
61. Mulkey, MA, Everhart, DE & Hardin, SR (2019). Methods of identifying delirium: a research protocol. *Research in Nursing and Health*, 42, 246-255-10. <https://doi.org/10.1002/nur.21953>.

62. Mulkey, MA, Everhart DE, Kim, S, Olson, DM, & Hardin, SR (2019). Detecting delirium using a physiologic monitor. *Dimensions of Critical Care Nursing*, 38, 241-247. doi: 10.1097/DCC.0000000000000378
63. Loveless, JP, Nicoletta, AJ, & Everhart, DE (under review). Behavioral approach and emotion appraisal: An inverse relationship between fun seeking and perception of emotional intensity in facial expressions.
64. Mulkey MA, Everhart, DE, Munro, C, Hardin, S & Olson, D. (2019). Non-pharmacologic nursing interventions to reduce delirium risk and promote quality sleep. *Philippine Journal of Nursing*, 89, 66-71
65. Mulkey, MA & Everhart DE (2020). Sedation selection to reduce delirium risk: Why dexmedetomidine may be a better choice. *Journal of the American Association of Nurse Practitioners*. doi: 10.1097/JXX.0000000000000364
66. Mulky, MA, Everhart, DE, Hardin, SR (2019). A case of fronto-temporal dementia: Providing strategies and support for caregivers. *British Journal of Community Nursing*, 24, 544-549.
67. Everhart, DE, Nicoletta, A., Zurlinden, T, & Gencarelli, A (2020). Caregiver issues and concerns following TBI: A review of the literature and future directions. *Psychological Injury and Law*. <https://doi.org/10.1007/s12207-019-09369-3>.
68. Huber, NL, Nicoletta, A, Ellis, JM & Everhart, DE (2020). Validating the Adolescent Sleep Wake Scale across the AYA period. *Sleep Medicine*, 69, 217-219.
69. Zurlinden, TE & Everhart, DE (under review). Utilizing the BAT-LQ to assess TBI incidence in a college student population.
70. Mulkey, M, Gantt, L, Hardin, SR, Munro, C, Everhart, DE, Kim, S, Roberson, D., Schoemann, A, McAuliffe, M, & Olson, D. (under review). Rapid Hand-held Continuous EEG has the Potential to Detect Delirium in Older Adults.
71. Mulkey, M, Everhart, DE, Gencarelli, A, Sorrell, A, Kim, S (under review). A Review of Neuronal Pathways with Implications for Nursing.
72. Gencarelli, A, Sorrel, A, Everhart, CM, Zurlinden, T, and Everhart DE (under review). Behavioral and exercise interventions for sleep dysfunction in the elderly: A brief review and future directions.
73. Davis, CE, **Hauf, JD.**, Wu, DQ, & Everhart, DE (under review/revision). Development and Initial Validation of a Real-World Decision Making Ability Assessment Using a Computer-Administered Complex Decision Making Task.
74. **Sufrinko, AM**, Valrie, C., Lutes, L., Wuensch, KL, Golden, J and Everhart DE (under review/revision). An initial feasibility study of school based intervention for adolescent sleep problems.

B. Book Chapters

1. Everhart, D.E., Demaree, H.A., & Harrison, D.W. (2005). The merging of cognitive and affective neuroscience: Studies of the Affective Auditory Verbal Learning Test. In F. Columbus (Ed.) *Causes, Role, and Influence of Mood States*. Haupaugge, NY: Nova Science.
2. Everhart, D.E., Demaree, H.A., & Harrison, D.W. (2008). Hostility and brain function: The effects of hostility on affective verbal learning. In L Sher (Ed.) *Psychology and Cardiovascular disorders*.
3. Everhart, D. E., **Lehockey, K.A., Moran, A.M., & Highsmith, J.M.** (2012). Personal care and independence. In Demakis, G. (Ed), *Civil capacities in neuropsychology: Research findings and practical applications*. Oxford Press.
4. **Moran, A.M., Highsmith, JA; Lehockey, KA,** & Everhart, D.E. (2012). Risk factors and interventions for nonadherence to continuous positive airway pressure (CPAP). *Obstructive sleep apnea: Causes, treatment and health implications*. Nova Science:NY
5. **Watson, E., Loveless, J., Highsmith, JM; Lehockey, KL.,** & Everhart, DE (2013). *Obstructive sleep apnea: Review of assessment, diagnosis, pathogenesis, and neurocognitive sequelae*.
6. Everhart, DE (under review). CBT-I for atypical insomnia. *Behavioral Sleep Medicine Pearls: CBT-I Case Studies*.

C. Critical Reviews

Everhart, D.E., & Brallier, S.A. (2002). Organizational Climate Questionnaire (OCA): Critique. In G.D. Heinemann & A.M. Zeiss (Eds.), *Team performance in health care: Assessment and development* (pp. 369-373). New York: Kluwer Academic/Plenum Publishers.

Brallier, S.A., & Everhart, D.E. (2002). Trust, Openness, Realization, and Interdependence (TORI) Group Self-Diagnosis Scale: Critique. In G.D. Heinemann & A.M. Zeiss (Eds.), *Team performance in health care: Assessment and development* (pp. 235-239). New York: Kluwer Academic/Plenum Publishers.

D. Encyclopedia Entries (peer-reviewed)

Everhart, D. E. (under review). Neurosyphilis. In Kreutzer, DeLuca, and Kaplan (Eds). *Encyclopedia of Clinical Neuropsychology, 2nd edition*. Springer Press.

Everhart, D. E. (2012). Neurosyphilis. In Kreutzer, DeLuca, and Kaplan (Eds). *Encyclopedia of Clinical Neuropsychology*. Springer Press.

Everhart, D. E. (2012). Effects of anxiety on affective learning. In Seel, N. (Ed). *Encyclopedia of the Sciences of Learning*. Springer Press.

Everhart, D. E. (2012). Neuropsychology of emotion. In Seel, N. (Ed). *Encyclopedia of the Sciences of Learning*. Springer Press.

E. Refereed Abstracts

Everhart, D. E., Demaree, H. A., & Harrison, D. W. (1995) Topographical brain mapping: Hostility following closed head injury, *The Clinical Neuropsychologist*, *9*(3), 280.

Everhart, D. E., & Harrison, D. W. (1996) Hostility following right CVA: Support for right orbital frontal deactivation and right temporal activation. *Journal of the International Neuropsychological Society (JINS)*, *2*(1).

Everhart, D. E., Higgins, D., & Harrison, D. W. (1997). Neuropsychological effects of anxiety without depression on facial affect perception. *The Clinical Neuropsychologist*, *11*(3), 319.

Everhart, D. E., Shenal, B. V., & Harrison, D. W. (1998). Neuropsychological effects of anxiety without depression on functional motor asymmetry. *Archives of Clinical Neuropsychology*, *13*(1), 55-56.

Rhodes, R. D., Everhart, D. E., Harrison, D. W., & Arey, A. (1998) Cerebral mechanisms of ANS and emotion dysregulation. *Archives of Clinical Neuropsychology*, *13*(1), 124.

Everhart, D. E., Shenal, B. V., & Harrison, D. W. (1998). Asymmetrical regulation of cardiovascular functioning and fluency among anxious and nonanxious men. *Archives of Clinical Neuropsychology*, *14*(1), 113.

Everhart, D. E., Shucard, J. L., & Shucard, D. W. (1998). Sex differences in ERPs and facial affect perception. *Psychophysiology*, *35*(S1), 29.

Emerson, C. S., Williamson, J. B., Everhart, D. E., & Harrison, D. W. (1999). Receptive prosodic ability in depressed and non-depressed school-aged boys. *The Clinical Neuropsychologist*, *13*(2), 228.

Emerson, C. S., Williamson, J. B., Everhart, D. E., & Harrison, D. W. (1999). Hand fatigue asymmetry in the motor performance of depressed boys. *The Clinical Neuropsychologist*, *13*(2), 228.

Everhart, D. E., Shucard, J. L., & Shucard, D. W. (1999). Neurophysiological differences in face recognition in TS girls and prepubertal children. *Archives of Clinical Neuropsychology*, *14*(8), 677.

Higgins, D., Everhart, D. E., & Harrison, D. W. (2000). QEEG as an assessment tool for pseudoseizure diagnosis. *Journal of the International Neuropsychological Society*, *6*(2), 158.

Everhart, D. E., Shucard, J. L., & Shucard, D. W. (2000). Neurophysiological differences in face recognition in prepubertal children and TS girls. *Journal of the International Neuropsychological Society*, *6*(2), 162.

Everhart, D. E., Shucard, J. L., & Shucard, D. W. (2000). ERP differences in Facial Affect Perception. *Archives of Clinical Neuropsychology*, 15(8), 723.

Santa Maria, M. P., Donnelly, K. Z., Ferraro, J., & Everhart, D. E. (2000). Persisting postconcussion syndrome following lightning injury: Case and review. *Archives of Clinical Neuropsychology*, 15(8), 817.

Everhart, D. E., Shucard, D. W., & Shucard, J. L. (2001). Neurophysiological differences in facial affect perception. *Journal of the International Neuropsychological Society*, 7(2), 243.

Everhart, D. E., Shucard, J. L., Shucard, D. W., & Benedict, R. H. B. Adult. (2002). Adult sex-related ERP differences in facial affect perception. *Journal of the International Neuropsychological Society*.

Everhart, D. E., **Robinson, R. L.**, & Demaree, H. A. (2002). Low alpha power (7.5-9.5Hz) changes during positive and negative emotion processing. *Psychophysiology*, 39(S1), S34.

Demaree, H. A., **Robinson, J. L.**, & Everhart, D. E. (2002). Reduced parasympathetic activity and decreased sympathovagal flexibility among healthy high-hostiles during emotional processing. *Psychophysiology*, 39(S1), S31.

Everhart, D.E., Demaree, H.A., **Etheridge, A.J.**, & **Carmona, J.** (2003). Healthy high hostiles evidence low alpha power changes during negative affective learning. *Journal of the International Neuropsychological Society*

Demaree, H. A., **Robinson, J. L.**, Everhart, D. E., & Schmeichel, B. J. (2003). Baseline parasympathetic tone is associated with affect regulation and modulation ability. *Psychophysiology*, 40(S1), S35.

Robinson, J. L., **Schmeichel, B. J.**, & Demaree, H. A. (2003). Physiological Costs of Response-Focused Affect Modulation. *Psychophysiology*, 40(S1), S72.

Schmeichel, B. J., Demaree, H. A., & Robinson, J. L. (2003). Exaggerating Emotions: Physiological Correlates and Cognitive Consequences. *Psychophysiology*, 40(S1), S77.

Everhart, D. E., **Carpenter, M. D.**, **Carmona, J. E.**, **Ethridge, A. J.**, & Demaree, H. A. (2003). Adult sex-related P300 differences during the perception of emotional prosody and facial affect. *Psychophysiology*, 40(S1), S39.

Demaree HA, **Schmeichel BJ**, **Robinson JL**, et al. (2004). Up- and down-regulating negative emotional expressions: Behavioral, affective, and autonomic consequences. *Psychophysiology*, 41, S23.

Shibley AJ, Everhart DE, Demaree HA (2006). Menstrual cycle phase related ERP amplitude and latency differences in the perception of emotional prosody. *Psychophysiology*, 43, S91.

Edwards SE, Everhart DE, Demaree HA, et al.(2006). Sex-related electroencephalographic differences observed during positive and negative affective verbal

learning. *Psychophysiology*, 43, S-36.

Gerding AL, Everhart DE, Davis CE (2007). Patterns of P300 laterality observed during the presentation of emotional prosodic utterances and emotional prosodic words. *Psychophysiology*, 44, S58.

Demaree, H. A., Pu, J., Tkach, J, Jesberger, J., Feeny, N. Jeng, L., Everhart, D. E., Volokhov, R. N., & Duerk, J. (2008). 5HTTLPR predicts left fusiform gyrus activation to positive emotional stimuli. *Psychophysiology*, 45(S1), 84.

Everhart, DE, Demaree, HA, **Moran, AM, Lehockey, KA**, Davis, CE, **Hauf, JD, Highsmith, JM** (2010). Left anterior cortical activity is associated with increased risk taking during a simulated slot machine task. *Psychophysiology*, 47, S54.

Hauf, JD, Davis, CE., & Everhart, DE (2010). The law of initial values with respiration variables: What is it and can we correct for it? *Psychophysiology*, 47, S55.

Hauf, JD, Davis, CE, Everhart DE et al (2010). Sex and race differences in physiological responses to painful electrodermal stimulation induced state anxiety. *Psychophysiology*, 47, S55.

Davis, CE., Everhart, DE., **Hauf, JD** et al (2010). EEG spectral changes with complex decision making and correlations with decision making behavioral performance and executive functioning. *Psychophysiology*, 47, S81.

Davis, CE., Simonsen, DR, **Highsmith, J, Lehockey, KA., Hauf, JD**, Everhart DE (2010). Worry-related EEG spectra and ERP differences in emotion processing. *Psychophysiology*, 47, S81.

Moran, AM, Everhart, DE, Davis, CE, Wuensch, KL, Lee, DO, & Demaree, HA (2010). Predicting CPAP compliance using the Behavioral Inhibition System (BIS) and the Behavioral Activation System (BAS) scales. *Sleep*, 33, A126.

Everhart, DE, **Highsmith, JM, Moran, AM et al** (2011). Low alpha power asymmetry is associated with amount wagered during a simulated gambling task. *Psychophysiology*, 48, S23.

Highsmith, J., Everhart DE (2012). Stroop neuropsychological screening test scores are related to trait anxiety and impulsive responding in a young adult population. *Archives of Clinical Neuropsychology*, 27, 674.

Highsmith, JM; Everhart, DE, Wuensch, KL (2012). Predicting the unexpected: trait anxiety, frontal alpha asymmetry, and state negative affect predict P3B, but not FRN, responses to unexpected negative feedback. *Psychophysiology*, 49, S69.

Highsmith, JM., Watson, EM., Bickel, KD, & Everhart, DE (2012). Comparison of the relative utility of appetitive motivation and behavioral inhibition in predicting baseline cortical asymmetry, loss-related processing, and behavioral responses on a pattern learning task. *Psychophysiology*, 49, S69.

Lehockey, KA., Everhart, DE, Wuensch, KL et al (2012). Traits and emotion influence internal clocks: electrophysiological and behavioral responses to an affective go/nogo task. *Psychophysiology*, 49, S69.

Watson, E., Loveless, J., Bickel, K; Lehockey, H; Highsmith, J; & Everhart DE (2014). Effects of emotional valence on response latencies. *Proceedings of the 42nd annual meeting of the International Neuropsychological Society*, 60.

Highsmith, J., Lehockey, K., Watson, E., Bickel, K., Loveless, J, & Everhart DE (2014). Generalized clinical and subclinical anxiety effects on neuropsychological test performance. *Proceedings of the 42nd annual meeting of the International Neuropsychological Society*, 194.

Highsmith, J, Watson, E., Lehockey, K., Bickel, K., Loveless, J., & Everhart DE (2014). *Proceedings of the 42nd annual meeting of the International Neuropsychological Society*, 228.

Bickel, K, Lehockey, KA., Highsmith, JM., Watson, E., Stephenson, A., & Everhart DE (2014). Individual differences in coping mechanisms influence electrophysiological responses to novel visual affective stimuli. *Proceedings of the 42nd annual meeting of the International Neuropsychological Society*, 231.

Lehockey, KA., Highsmith, JM., Watson, EM., Bickel, KD., & Everhart DE (2014). Investigating arousal and attention mechanisms of inhibition. *Proceedings of the 42nd annual meeting of the International Neuropsychological Society*, 232.

Lehockey, K, Bicke, KD, Watson, EM, Stephenson, AJ, Highsmith, JM & Everhart, DE (2014). Individual differences in the behavioral inhibition system and resting alpha asymmetry predict behavioral intentions to adhere after viewing a disadvantaged-framed health message. *Psychophysiology*, 51, S65.

Everhart, DE, **Watson, EM, Loveless, JP,** Hardin, L, Johnson-Cowan, S (2014). Behavioral inhibition and frontal alpha activity are associated with adherence to continuous positive airway pressure in patients with OSA. *Psychophysiology*, 51, S66.

Watson, EM, Bickel, KD, Everhart, DE, **Lehockey, KA & Highsmith, JM** (2014). Conceptualization of anger, hostility and aggression within the reinforcement sensitivity theory framework. *Psychophysiology*, 51, S66.

Lehockey, KA, Highsmith, JM, Watson, EM, Bickel, A, Stephenson, A, Everhart, DE (2014). Predicting adherences behavioral intentions from electrophysiological biomarkers and individual differences in behavioral activation and behavioral inhibition systems. *Annals of Behavioral Medicine*, 47, S43.

KA Lehockey, DE Everhart, **AJ Stephenson, EM Watson, KD Bickel** (2015). Implicit processes predict behavioral intentions to adhere to advantage-framed and disadvantage-framed health messages. *Psychophysiology*, 52, S41

Loveless, JP, Clements,KN, Watson, EM, White, KL, Wuensch, K, Everhart, DE (2015). An exploration of the relationship between heart rate variability and cardiovascular emotional dampening. *Psychophysiology*, 52, S41.

Highsmith, JM, Lehockey, KA, Watson, EM, Loveless, J, Stephenson, A, Everhart, DE (2015). HRV and electrophysiological responses to error feedback vary by cognitive versus affective task framing. *Psychophysiology*, 52, S38.

Highsmith, J, Lehockey, K, Watson, E, Loveless, J, Stephenson, A., & Everhart DE (2015). Measures of executive functioning and appetitive motivation predict gender-specific cognitive versus gambling task choices. *Archives of Clinical Neuropsychology*, 30, 573.

Stephenson, A. & Everhart, D. (2017). Behavioral Inhibition and Baseline Frontal Asymmetry are Associated with Sleep Quality Components. *45th Annual Meeting of the International Neuropsychological Society*.

Watson, E., Stephenson, A., & Everhart, D. (2016). POOR SLEEPERS HAVE DECREASED P300 LATENCY FOR POSITIVELY-VALENCED SLEEP IMAGES. *56th Annual Meeting for the Society of Psychophysiological Research*.

Lehockey, K., Bickel, K., Watson, E., Highsmith, J., & Everhart, D. (2016). P300 RESPONSES TO NOVEL POSITIVELY VALENCED STIMULI ARE NEGATIVELY CORRELATED WITH DISENGAGEMENT AS A COPING STRATEGY. *56th Annual Meeting for the Society of Psychophysiological Research*.

Stephenson, A., Watson, E., & Everhart, D. (2016). BASELINE FRONTAL ALPHA ASYMMETRY IS RELATED TO SLEEP AND QUALITY OF LIFE. *56th Annual Meeting for the Society of Psychophysiological Research*.

F. Reports and handbooks

Blieszner, R., & Everhart, D. E. (1994). *A guide to doctoral study in the psychology of adult development and aging*. Washington, DC: American Psychological Association.

VI. Students Mentored

Masters Theses Chaired:

Jordan (Shiple), Amy (2004). The P300 response across the menstrual cycle: affective faces and emotional prosody.

Black, Samantha (2005). The effects of anxiety on affective learning and serial position recall.

Nagle, Alicia M (2005). Cognitive dissimulation strategies in children: Examination of forced-choice recognition and verbal recognition memory techniques.

Gerding, AL (2007) Neurophysiological differences in the perception of emotional prosodic utterances and emotional prosodic words.

Moran, Alicia (2010). Personality correlates of compliance with CPAP for treatment of sleep apnea.

Lehockey, K (2012). The effects of emotional states and traits on time perception.

Highsmith, H (2012). Individual differences in error related processing of expectancy violations.

Watson, Eric (2014). Electroencephalographic (EEG) and personality correlates of anger, hostility and aggression.

Loveless, James (2015). Cardiovascular emotional dampening, heart rate variability, and emotion regulation.

Alex Stephenson (2017). Neurophysiological and personality correlates of sleep and quality of life.

Winters, Andrea (2019)

Zurlinden, Taylor (2018)

Other Masters Theses Committees Served On:

Vogel, Lynn (2002). Conscious and unconscious correlates of exercise in middle aged adults.

Pittard, BP (2003). Hemispheric organization of emotional lexicon in females (Communication Sciences)

Rebecca Hanes (completed 2004)

Jennifer Maness (completed 2004)

Adam Spence (completed 2004)

Susan Garvey (completed 2004)

Auguste, Selena (2005).

Gina Vlasek (2007)

Emily Cogdell (2007)

Hudock, DJ (2008). Priming Anxiety into people who stutter: arousal's influence on fluency. (Communication Sciences).

Zhang, Jianglian (2008). (Communication Sciences).

Gomez, JR (2010). Increased antagonist coactivation-related hamstring torque reduces maximal knee extension torque in healthy old adults (College of Health and Human Performance).

Hauf, Jessica (2010). Breathing rate, pattern, and heart rate during baseline recording and painful electrodermal stimulation-induced anxiety.

Daniels, Laura (2011). The effects of prenatal cocaine exposure on executive functioning in adolescents.

Corson, Ansley (2017).

***Dissertations Chaired:**

*East Carolina University has a recently accredited new doctoral program in Health Psychology.

Moran, Alicia (2013). A brief motivational interviewing intervention (SIESTA) for adolescent sleep: Effects on neurocognition and sleep-related behavior.

Highsmith, Jonathan (2014). The relationship between neuropsychological measures of executive functioning and anxiety with neurophysiological markers of cognitive and affective control.

Lehockey, Katie (2014). Predicting treatment adherence from electrophysiological biomarkers and individual differences in behavioral activation (BAS) and behavioral inhibition (BIS) systems.

Eric Watson (2016): Investigative Study of the Neuropsychological and Neurophysiological Correlates of Subjective Sleep Quality

Holly Manley (2017): (Co-chair)

James Loveless (2017): Detecting cardiovascular emotional dampening: An exploration of emotional dampening at different levels of emotion processing.

Alex Nicoletta (current)

Other Dissertation Committees Served On:

Carpenter, MD (2003). Effects of rate, frequency, and ear of stimulation on the amplitude of late auditory evoked potentials (Communication Sciences).

Saltukaroglu, T. (2004). The role of gestural imitation in the inhibition of stuttering (Communication Sciences).

Guntupalli, V (2006). (Communications Sciences)

King, Kristin A (2008). Picture naming and word reading: differential diagnostic tasks for children following traumatic brain injury (Communication Sciences).

Smith, Lauren (2009). An investigation of auditory and visual temporal processing in children with reading disability (Communication Sciences).

Naylor, J (2014). Effects of word length and word type on decoding and spelling abilities of fourth graders with and without reading impairments (Communication Sciences)

Kelkar, A (2014). Treating problem solving deficits in traumatic brain injury – a pilot study.

Stephen Kintz (2016). Multilevel discourse processing analyses in adults with cognitive impairment.

Emmi Scott (2017). Exploring oxytocin and callou-unemotional traits as mediators of the relationship between maltreatment and aggression.

Malissa Mulkey (current)

Ansley Corson (current)

VII. Invited Lectures and Presentations

Everhart, D. E. (January, 2000). Facial affect perception: Evidence for right hemisphere specialization. Psychology Department Colloquium, East Carolina University.

Everhart, D. E. (March, 2000). Event-related-potential (ERP) investigation of facial affect perception. Neurology Grand Rounds, SUNY Buffalo School of Medicine and Biomedical Sciences.

Everhart, D. E. (October, 2000). The use of event-related-potentials for neuropsychological investigation of emotion. Neuroscience Seminar, Allied Health Sciences, East Carolina University.

Everhart, D. E. (November, 2000). The basics of ERP research pertaining to facial affect perception. Behavioral Neuroscience Seminar, Program in Behavioral Neuroscience and Department of Psychology, East Carolina University.

Everhart, D. E. (July, 2001). Focal lesion analysis in clinical neuropsychology. Department of Psychiatric Medicine, Brody School of Medicine, East Carolina University.

Everhart, D. E. (November, 2001). The contribution of neuropsychological examination in the detection of malingering: Part I. Department of Psychiatric Medicine, Brody School of Medicine, East Carolina University.

Everhart, D. E. (April, 2002). The contribution of neuropsychological examination in the detection of malingering: Part II. Department of Psychiatric Medicine, Brody School of Medicine, East Carolina University.

Everhart, D.E. (May, 2002). Neuropsychological assessment and RT. Department of Recreation Therapy, Pitt County Memorial Hospital, Greenville, NC.

Everhart, D.E. (August 20, 2003). Introduction to Clinical Neuropsychology. Department of Psychiatric Medicine, Brody School of Medicine, East Carolina University.

Everhart, D.E. (August 22, 2003). Children with traumatic brain injury: Essentials of assessment and intervention. Annual Children's Services State of the Art Conference, Eastern AHEC, Atlantic Beach, North Carolina.

Everhart, D.E. (October 16, 2003). Introduction to clinical neuropsychology: Assessment of vascular dementia. Department of Family Medicine, Brody School of Medicine, East Carolina University.

Everhart, D.E. (August 27, 2004). Children with traumatic brain injury: What the neuropsychological examination can tell you. Annual Children's Services State of the Art Conference, Eastern AHEC, Atlantic Beach, North Carolina.

Everhart, D. E. (March 24, 2006). A discussion about your neuropsychological evaluation. Life after Brain Injury...a whole new dance. Brain Injury Awareness Association, Greenville, NC.

Everhart, D. E. (November 3, 2005). Neuropsychological assessment in MS. MS: A matter of mind. Eastern AHEC.

Everhart, D. E. (September 29, 2005). Traumatic brain injury: Assessment and Intervention Strategies. The First Annual DD Best Practices Conference Providing DD Services: Clear and Practical Solutions (AHEC)

Everhart, D. E. (August 26, 2005). Neuropsychological correlates of disorders that are commonly diagnosed in childhood. Annual Children's State of the Art Conference, Eastern AHEC, Atlantic Beach, North Carolina.

Everhart, D. E. (January 27, 2006). Neuropsychological assessment and intervention: Disorders commonly diagnosed in childhood. Eastern AHEC.

Everhart, D. E. (December 13, 2006). Intervention strategies for adults with TBI and related disorders.

Everhart, D. E. (August 16, 2007). Do things really go "bump" in the night? Pediatric Sleep Disorders Overview presented at the annual Children's State of the Art Conference at Eastern AHEC, Atlantic Beach, NC.

Everhart, D. E. (August 16, 2007). "Invisible head injury." What effect does it really have on children? Presentation at the annual Children's State of the Art Conference at Eastern AHEC, Atlantic Beach, NC.

Everhart, D. E. (October 27, 2008). Panel Discussion: Psychosocial Rehabilitation (Moderator: Erik Everhart)(E. Crandell, R. Peebles, V. Arnold, J. Diamond, M. Howard, E. Everhart). Operation Reentry : Rehabilitation challenges facing military personnel, veterans, and their dependants. 4th Annual RAH Symposium at East Carolina University.

Everhart, D.E. (February 25, 2009). Neuropsychological assessment and intervention: Disorders commonly diagnosed in childhood. Presentation for Eastern AHEC.

Everhart, D.E. (April 8, 2009). Behavioral Sleep Medicine Update: Presented at the 2009 Health Psychology Symposium: Focus on the biopsychosocial aspects of chronic health problems.

Everhart, D.E. (April 21, 2009). Cognitive deficits associated with multiple sclerosis. Presentation at 2009 Multiple Sclerosis Conference: Tools, technology, trends, and teamwork for excellence in MS care. Sponsored by Eastern AHEC.

Everhart, D.E. (April 23, 2009). Introduction to sleep disorders: Presentation at Annual Adult Services Conference for Eastern AHEC.

Everhart, D.E. (August 21, 2009). Introduction and overview of pediatric sleep disorders. Presentation at the annual Children's State of the Art Conference Eastern AHEC, Atlantic Beach, NC.

Everhart, D.E. (February 20, 2010). Identifying and adapting to cognitive changes in MS. Opening speaker at 2010 Annual Conference of Greenville Education Conference for National MS Society.

Everhart, D.E. (March 19, 2010). Introduction to sleep disorders and work safety. Presentation at the North Carolina Association of Occupational Health Nurses (NCAOHN). Atlantic Beach, NC.

Everhart, D.E. (August 19, 2010). What do all those test scores mean anyway? A nonpsychologist's guide to interpretation. Presentation at the annual Children's State of the Art Conference, Eastern AHEC, Atlantic Beach, NC.

Everhart, D.E. (August 19, 2010). Ethical issues in cognitive and psychological testing. Presentation at the annual Children's State of the Art Conference, Eastern AHEC, Atlantic Beach, NC.

Everhart, D.E. (October 1, 2010). Student Health In-service: The Tired Student- Fatigue & Sleep Disorders in College Students. East Carolina University.

Everhart, D.E. (October 28, 2010). The basics of psychological testing: How to interpret the psychological report as it pertains to diagnosis and intervention. Presentation at the 6th annual Eastern Regional Developmental Disabilities Services Conference. Eastern AHEC.

Everhart, D.E. (February 22, 2011). Cognitive and Mental Health Issues. Presented at Multiple Sclerosis 2011: Overview and Update. Area L AHEC.

Everhart, D. E. (2011). Ethical issues in cognitive and psychological testing: Presentation at the annual Children's State of the Art Conference, Eastern AHEC, Atlantic Beach, NC, Invited presentation at the annual Children's State of the Art Conference, Eastern AHEC, Atlantic Beach, NC

Everhart, D.E. (March 28, 2014) Workshop (sponsored by AHEC) presented at CMAS, Cherry Point. Evaluation and Treatment of Traumatic Brain Injury and Sleep Disorders

Everhart, D. E. (August 15, 2013). Eastern AHEC Annual Childrens State of the Art Conference. Introduction to Sleep Disorders in Children.

Everhart, D. E. (August 15, 2013). Eastern AHEC Annual Childrens State of the Art Conference, New Bern, North Carolina. Introduction to Sleep Disorders in Children.

Everhart, D. E. (May 30, 2013). Keynote Address: Clinical Aphasiology Conference, 2013. Invited Keynote Speaker for Clinical Aphasiology Conference (Tucson, AZ) "Neurophysiology and Executive Functioning in Cognitive Impairment"

Everhart, D. E. (2014). Annual Eastern Region Adult Services Conference: Current issues in Adult Mental Health, Introduction to diagnosis and treatment of sleep disorders in adults.

Everhart, D. E. (2015). Presentation at AHEC childrens state of the art conference, Effects of Children's Poor Sleep on Children and Families: Moving toward Prevention of Sleep Disorders and Related Consequences

Everhart, D. E. (2015). Workshop presented at Cherry Point to military, Traumatic Brain Injury and Sleep Disorder. This was a workshop presented on behalf of AHEC to Cherry Point

Everhart, D. E. (March 26, 2015). Cognitive and Emotional Psychological Deficits in Multiple Sclerosis, Presentation for AHEC and National MS Society.

Everhart, D. E. (2016) Annual Eastern Region Adult Services Conference: Current Issues in Adult Mental Health.

Everhart, D. E. (April 28, 2017). Eastern AHEC *Introduction to Intervention for Sleep Disorders*.

Everhart, D. E. (October 19, 2017). Evaluation of Traumatic Brain Injury. (Eastern AHEC, O'Berry Neuro-Medical Center in Goldsboro, NC)

VIII. Current and Past Clinical Trials and Industry Initiated Funding:

2015 – present: Lead Neuropsychologist and Steering Committee Member: Aneurysmal Subarachnoid Hemorrhage Trial RandOmizing Heparin (ASTROH). Principal Investigator (PI): Robert F James, MD, University of Louisville.

Sponsors: University of Louisville Department of Neurosurgery; MicroVenton, Inc.; Penumbra, Inc; & Brain Aneurysm Foundation

2008 – 2009 Site/Local Co-I/Sub-I: RXP110908 Restless Legs Syndrome (RLS) Sponsored by GlaxoSmithKlein.
*Everhart was a local Co-I and study coordinator for this study (as part of his position as Director of Research).

2007 – 2009 Site/Local Co-I/Sub-I: A Phase IIa, Randomized Double Blind, Placebo-Controlled, 3-Period Crossover, Adaptive Dose Design, Clinical Trial to

Evaluate the Safety and Efficacy of MK-0249 in treating Refractory Excessive Daytime Sleepiness in Patients with Obstructive Sleep Apnea/Hypopnea Syndrome Appropriately Using Nasal Continuous Positive Airway Pressure (nCPAP) Therapy.

Sponsored by Merck Pharmaceuticals

*Everhart was a local Co-I and study coordinator (as part of his position as Director of Research)

2007 – 2008

Site/Local Co-I/Sub-I: A Randomized, Double Blind Placebo Controlled Study to Assess the Efficacy and Safety of XP13512 in Patients with Restless Legs Syndrome.

Sponsored by XenoPort

*Everhart was a local Co-I and study coordinator (as part of his position as Director of Research)

2006

Site/Local Co-PI/Sub-I: "A 12 week, multi-center, placebo-controlled, parallel group, flexible dose polysomnography study of ropinirole controlled release for restless legs syndrome (RLS) in RLS patients with sleep disturbance and periodic limb movements (PLM) during sleep.

Sponsored by: GlaxoSmithKline (GSK)

*Everhart was a local Co-I and study coordinator (as part of his position as Director of Research)

IX. Investigator Initiated Funding:

- | | | | |
|------|--------------|---|---|
| 2017 | (not funded) | Investigator: APA Summer Undergraduate Research Opportunity (PI: Michael Baker) | Amount Requested: \$19728.00 |
| 2016 | (not funded) | PI: Improving CPAP adherence in patients with Type II diabetes, Principal Investigator, Kate B Reynolds. This was a preposals that was submitted to Kate B Reynolds Foundation. The Foundation elected to terminate the proposal. | Amount Requested: ~\$180,000 |
| 2016 | (not funded) | Investigator: MRI: Acquisition of Biomedical Imaging Instrumentation (Magnetic Resonance Imaging Scanner) for East Carolina University. (PI: Zachary Domire) | Amount Requested: \$3,220,520.00
*resubmitted but not selected for resubmission to NSF by ECU internal committee |
| 2016 | (funded) | PI: BB&T Active Learning and Leadership Grant (ECU Internal) | Amount Awarded: \$1000 |
| 2015 | (not funded) | Investigator: APA Summer Undergraduate Research Opportunity (PI: Michael Baker) | Amount Requested: \$19,000 |

- 2013 (funded) Co-Investigator: PHAST-1: Prophylactic Heparin Infusion for Aneurysmal Subarachnoid Hemorrhage Trial (A Phase II Prospective, Randomized Clinical Trial (PI: Robert James, MD); Brain Aneurysm Research Grant Foundation
Amount Awarded: \$25,000
- 2010 – 2014 (funded) Consultant: Sleep and pain in children with sickle cell disease (PI: C Valrie) National Institutes of Health (NIH)
Amount Awarded: \$656,000
- 2006 – 2012 (funded) PI: Development of Research Programs at the Sleep Center at PCMH. Pitt County Memorial Hospital (2006 – 2012)
Amount awarded: ~\$360,000
- 2004 (PI). (funded) Cognitive decline following radiation therapy in head and neck cancer. Faculty Research/Creative Activity Grant.
Amount awarded: \$13099.00
- 2003 (PI) (funded) Neurocognitive effects of radiation therapy among patients with head and neck cancer. Individual allocation from American Cancer Society Institutional Research Grant (ACS-IRG).
Amount awarded: \$10,000
- 2001 (PI) (funded) Cerebral hemispheric asymmetry in cardiac autonomic regulation. East Carolina University, College of Arts and Sciences.
Amount awarded: \$6380
- 2001 (PI) (funded) Neurophysiological differences in auditory and visual perception of emotion. College Research Award (CRA), East Carolina University.

Other Submissions (not funded):

- PI: Acquisition of a high density array (256 channel) source localization EEG/ERP system. National Science foundation MRI grant program.
Co-I: Ervin Davis, Marianna Walker, Jennifer Bugos
Amount requested: \$191,665
- Co-PI: The effects of auditory processing in cognitive training
National Institutes of Health – National Institute of Aging (R03)
PI: Jennifer Bugos
Amount requested: \$142,000
- Co-PI: Cognitive Interventions for enhanced executive function.
National Institutes of Health (R03)
PI: Jennifer Bugos
Amount requested: \$213,669

PI: Acquisition of a high density array (256 channel) source localization EEG/ERP system.
National Science foundation MRI grant program.
Co-I: Ervin Davis, Marianna Walker, Jennifer Bugos
Amount requested: \$191,665

Co-PI: The effects of auditory processing in cognitive training
National Institutes of Health – National Institute of Aging (R03)
PI: Jennifer Bugos
Amount requested: \$142,000

Co-PI: Cognitive Interventions for enhanced executive function.
National Institutes of Health (R03)
PI: Jennifer Bugos
Amount requested: \$213,669

2001 Co-Investigator: Evoked potential studies of attention in aging listeners. P.H.S. (NIH grant submission). J. Cranford, P.I., Andrew Stuart, Co-I.
Amount requested: \$389,421

2001 Co-Investigator: Electrophysiological correlates of attentional processes in aging listeners. NSF grant submission. J Cranford, P.I., Andrew Stuart, Co-I.
Amount requested: \$373,748

2003 Principal Investigator: Emotion perception in Asperger syndrome. NIH grant submission.
Under revision.
Amount requested: \$69,750

2001 (PI) Neurophysiological differences during the perception of emotional speech and emotional utterances. Faculty Senate Research/Creative Activity Grant (Judged meritorious 12-06-2001).
Amount requested: \$7832

2002 (PI) Sex-related neurophysiological differences during emotional learning. Faculty Senate Research/Creative Activity Grant (Judged meritorious 11-25-2002)
Amount requested: \$11,151

X. HONORS AND AWARDS

2017 Department of Psychology, Most Valuable Player Award

2016 Department of Psychology, Faculty Appreciation Award for Teaching

2011 Department of Psychology, Faculty Appreciation Award for Teaching, Research, and Mentoring

2010 ECU Scholar Teacher Award, East Carolina University

2007 Five Year Research Award, East Carolina University

2003-2004 Board of Governors Distinguished Professor of Teaching Award, East Carolina University

2001 College Research Award, East Carolina University

1992 Graduated *Summa Cum Laude*, University of Delaware

1992 Undergraduate Teaching Assistant Scholarship, University of Delaware

1990 Science and Engineer Scholar Award, University of Delaware

Honor Societies:

Phi Beta Kappa

Golden Key National Honor Society

Phi Kappa Phi

Psi Chi

XI. PROFESSIONAL ACTIVITIES, AFFILIATIONS, AND CERTIFICATIONS

Additional Training:

September 28-October 2, 2009: fMRI Visiting Fellowship Course at MGH/MIT/HMS Athinoula A. Martinos Center for Biomedical Imaging

April 1st 2006 – August 31st 2006: Sleep Medicine and Behavioral Sleep Medicine (assessment, diagnostics, and intervention). Supervised by Daniel O Lee, MD, ABSM

Professional Licenses

Licensed Psychologist, New York, License # 014309

Licensed Psychologist, North Carolina, License # 2646

Health Services Provider-Psychologist (HSP-P), North Carolina

Certifications

Board Certification in Behavioral Sleep Medicine (September, 2018), Board of Behavioral Sleep Medicine (DBSM)

Certification in Behavioral Sleep Medicine (June, 2007), American Academy of Sleep Medicine (CBSM)

Board Certification in Clinical Neuropsychology (May 3, 2008), American Board of Professional Psychology (ABPP-CN)

Membership

American Psychological Association (APA)

National Academy of Neuropsychology (NAN)

International Neuropsychological Society (INS)

American Academy of Sleep Medicine (AASM) (former)
Behavioral Sleep Medicine Society (SBSM)(founding member)
Society for Psychophysiological Research (SPR)
American Academy of Clinical Neuropsychology (AACN)

Professional Service

Ad Hoc Reviewer, *Neuropsychology Review*
Clinical Neurophysiology
Psychonomic Bulletin and Review
Journal of Nonverbal Behavior
Journal of Psychosomatic Research
Cognition and Emotion
Biological Psychology
Psychophysiology
Brain and Language
Psychoneuroendocrinology
Neuropsychology (APA)
Brain and Cognition
Journal of Clinical and Experimental Neuropsychology
Emotion (APA)
International Journal of Psychophysiology
Developmental Psychology (APA)
Neuroscience Letters
Psychological Assessment (APA)
Brain Informatics
Motivation and Emotion
Neurocase
Sports Medicine

Editorial Board, 2016 – present: *Journal of Clinical and Experimental Neuropsychology*
(Consulting Editor)

Editorial Board, 2017 – present *Neuropsychology* (Consulting Editor)

Lead Neuropsychologist and Steering Committee Member: Aneurysmal Subarachnoid Hemorrhage Trial Randomizing Heparin (ASTROH). Principal Investigator (PI): Robert F James, MD, University of Louisville.

2011 – present: Adhoc reviewer, Mechanisms of Emotion, Stress, and Health Study Section (MESH), National Institutes of Health (NIH).

2007 – present: Participant / Panel NIH Study Section ZRG1 F12B Special Emphasis Panel

2010: Reviewer RC4 Community infrastructure applications (NIH).

2015-2016: Scientific Reviewer for DOD CDMRP grants for sleep disorders.

1991-1992: Consultant, American Psychological Association (Traveling Exhibit)
Consultant to APA Division 20's "A guide to doctoral study in the psychology of adult development and aging."

2014 – present: Regional representative for American Board of Clinical Neuropsychology (ABPP).

2016 – present: Pitt County Schools Sports Medicine Advisory Committee (area of expertise: Traumatic Brain Injury).

XII. DEPARTMENT/UNIVERSITY SERVICE

- Assistant Professor Neuropsychology Search Committee (2000-2001)
- Psychology Awards Committee (2001 – 2010)
- Neuroscience Curriculum Committee (2001 – present)
- Visiting Assistant Professor Search Committee (2001-2002)
- Faculty Search Committee (2002-2003)
- Doctoral Planning Committee (2001 – present)
- Advisory Committee (2002 – 2004)
- Department Curriculum Committee (2006 – 2009)
- MD in Seven Committee (2005-2006)
- Health Psychology Search Committee (2005 – present)
- Multidisciplinary Curriculum Committee
- Graduate School Advisory Committee, alternate (2007 – present)
- Doctoral Training Clinic Committee (2008 – 2009)
- Department Curriculum Committee (2007 – 2008)
- ECU Leadership Advisory Council (2008 – 2010)
- Chair, Doctoral Admissions(Clinical Health) Committee (2008 – 2018)
- Personnel Committee (2009 – 2018)
- Member, East Carolina Rural Rehabilitation Center (ECRRC) Advisory Board for Research
- Director of Graduate Assistantships, Department of Psychology (2011 – 2012)
- Co-Chair of Department of Psychology Personnel Committee (2016 – 2018)
- Search Committee Chair (Summer 2017) for two visiting assistant professor positions.
- Faculty Sponsor for Association for Neuropsychology Students in Training (ANST) (2014 – present)

XIII. INSTRUCTIONAL COMPETENCIES

Graduate Courses

East Carolina University

PSYC 5250: Working with Students with Traumatic Brain Injury

PSYC 6485: Adult Assessment

PSYC 6461: Clinical Psychology Practicum

PSYC 6413/7414: Adult Clinical Neuropsychology

PSYC 6413/7413: Child Clinical Neuropsychology

PSYC 6428: Cognitive Psychology

Other

Neuropsychological Assessment (1996, Hollins College, VA)

Undergraduate Courses

East Carolina University

PSYC 1000: Introduction to Psychology
PSYC 3310: Introduction to Neuroscience
PSYC 3311: Neuropsychology
PSYC 4350: Psychology of Sexual Behavior
PSYC 4375: Abnormal Psychology
Neur 4901: Behavioral and Integrative Neuroscience

Other

Abnormal Psychology (1997, Virginia Tech)
Nervous Systems and Behavior (1997, Virginia Tech)
Abnormal Psychology- Instructor (1997, Virginia Tech)
Physiological Psychology- *Laboratory Instructor* (1996, Virginia Tech)
Sensation and Perception- *Laboratory Instructor* (1995, Virginia Tech)

XIV. SERVICE EXTENSION (Clinical Services)

- 2015 – present Consulting Neuropsychologist (Clinical Professor)
Department of Internal Medicine, Neurology Division
Brody School of Medicine
- 2006 – present Consulting Sleep Psychologist
Vidant Sleep Center
Greenville, NC
- 2006 – 2015 Consulting Neuropsychologist
East Carolina Neurology
Greenville, NC
- 2001 – present Consulting Neuropsychologist
*Behavioral Health – MedPsych and Psychiatry Units, Pitt County
Memorial Hospital(PCMH) Greenville, NC*
- 2001 – present Private Outpatient Practice – Greenville, NC
Assessment and treatment of central nervous system (CNS) disorders

XV. SERVICE EXTENSION (Press releases and popular media)

Press Release (International)

- July 8, 2001 *Prepubescent boys' and girls' brains process faces and expressions differently.*
Distributed by American Psychological Association (APA) regarding article that
appeared in Neuropsychology 15(3), 329-341.
(<http://www.apa.org/releases/visuospatial.html>)
- July 9, 2001 *Even Before Puberty, Boys' and Girls' Brains Process Faces and Expressions
Differently.* Feature on American Psychological Association (APA) website
(www.apa.org)

Press Release (Regional)

Oct 9, 2001 *Sex-related differences noted in study by ECU psychologist. East Carolina University News Release*

International Press Coverage

July 6, 2001 Interview with Kristin Reed of Bloomberg News, California
July 8, 2001 Interview with Paul Kendall (Technology Correspondent) of the Daily Mail (United Kingdom).
July 8, 2001 Interview with Joseph Brean (National Post, Canada).
<http://www.nationalpost.com/search/story.html?f=/stories/20010709/613927.html&q=Everhart>
July 9, 2001 Interview with Richard Warry (BBC News online).
http://news.bbc.co.uk/1/hi/english/health/newsid_1425000/1425797.stm
July 17, 2001 Radio interview with Alan Neal (Canadian Broadcasting Corporation, CBC).
Sep 22, 2003 Telephone Interview with Francine Bernard (Cirrus Productions), who is developing a five-part documentary on gender science for Radio-Canada and CBC.
Jan 17, 2005 Telephone interview with Giles Harrison (BBC).

National Press Coverage

July 9, 2001 *Even Before Puberty, Boys' and Girls' Brains Process Faces and Expressions Differently.* Feature on American Psychological Association (APA) website (www.apa.org)
July 10, 2001 Interview with Robin Foster, HealthScout Reporter.
<http://www.healthscoutnews.com/071101face.htm>
July 11, 2001 Interview with Rose Palazzolo, reporter for ABCnews.com.
<http://abcnews.go.com/sections/living/DailyNews/brain010710.html>
July 16, 2001 Live radio interview with Doug Stephan (Doug Stephan's Good Day Show, Nancy Skinner, producer).
Aug 1, 2001 Interview with Lois B. Morris (Allure Magazine).
Nov 12, 2001 Interview with Karen Kreeger (The Scientist).
Feb 25, 2005 Interview with Rhonda Bodtsfield-Bloom (Arizona Daily News).

Local Press Coverage

July 11, 2001 *ECU Researcher studies facial expressions: Could findings lead to better treatment for stroke victims?* Interview (by R. Haven) presented on local Channel 9 (CBS) television.
<http://www.wnct.com/health/MGB70R8W1PC.html>
June, 2010 Press Release: Personality characteristics associated with CPAP compliance. WNCT Channel 9, Greenville, NC

XVI. OTHER INTERESTS

- 4th Dan (Master), Taekwondo (King Tiger TKD)
- 1st Dan, Hapkido (King Tiger HKD)
- White belt, Brazilian Jujitsu (East Carolina BJJ)
- Credentialed as Instructor at King Tiger Tae Kwon Do Association (Greenville, NC)
- Keyboard player for Emerald City Big Band (2006-2010)
- Piano, guitar, French Horn