

CURRICULUM VITAE

JAMES EDWARD ARRUDA, PHD

CONTACT INFORMATION

University of West Florida
College of Arts and Sciences
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Pensacola, FL 32514

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EDUCATION

Postdoctoral: Department of Psychiatry and Human Behavior, Brown University
School of Medicine, 1994-1996

Graduate: University of Rhode Island, Experimental Psychology, (Cognitive
Neuroscience Specialization), Doctor of Philosophy, 1994

University of Rhode Island, Psychology, Master of Arts, 1991

Undergraduate: University of Rhode Island, Psychology, Bachelor of Arts, Magna
Cum Laude, 1987

ACADEMIC APPOINTMENTS

University of West Florida

Associate Professor, Department of Psychology 2004-Present

Mercer University School of Medicine

Adjunct Associate Professor, Department of Psychiatry and Behavioral Sciences, 2002-
2004

Mercer University College of Liberal Arts

Associate Professor, Department of Psychology, 2002-2004

Mercer University School of Medicine

Adjunct Assistant Professor, Department of Psychiatry and Behavioral Sciences, 1998-2002

Mercer University College of Liberal Arts

Assistant Professor, Department of Psychology, 1998-2002

Mercer University School of Medicine

Adjunct Visiting Assistant Professor, Department of Psychiatry and Behavioral Sciences, 1997-1998

Mercer University College of Liberal Arts

Visiting Assistant Professor, Department of Psychology, 1996-1998

University of Rhode Island

Adjunct Associate Professor, Graduate Faculty, 2002-present

University of Rhode Island

Adjunct Assistant Professor, Graduate Faculty, 1995-2002

Brown University School of Medicine

Postdoctoral Research Fellow, Department of Psychiatry and Human Behavior
Neuropsychology Specialization, Research Mentor: Robert A. Stern, Ph.D., 1994-1996

Connecticut College

Visiting Assistant Professor, Department of Psychology, 1994

University of Rhode Island

Instructor, Department of Psychology, 1991-1995

NON-ACADEMIC APPOINTMENTS**Neurobehavioral Research Program**

Graduate Researcher, Department of Psychiatry, Rhode Island Hospital, 1993-1994

Naval Underwater Warfare Center

Graduate Researcher, Newport, Rhode Island, 1989-1994

University of Rhode Island

Graduate Researcher, Psychophysiology Laboratory, Department of Psychology, 1989-1994

PROFESSIONAL ACTIVITIES

Editorial Board Membership

International Journal of Psychophysiology
Journal of Applied Psychophysiology and Biofeedback

Grant Consultantship

Health Research Board of Ireland, Research Funding and Policy Division, Dublin, Ireland

Journal Consultantship (Ad Hoc Reviewer)

American Journal of Psychiatry, Washington, D.C., USA
Journal of Applied Psychophysiology and Biofeedback, Pensacola, FL, USA
International Journal of Psychophysiology, New York, NY, USA
Neuro-Psychopharmacology and Biological Psychiatry, Laurier, Sainte-Foy, Canada
Psi Chi Journal of Undergraduate Research, Chattanooga, TN, USA

Textbook Consultantship

Houghton Mifflin Publishing Company, College Division, Boston, MA, USA
Wadsworth Publishing Company, Pacific Grove, CA, USA

Conference Consultantship

Southeastern Psychological Association, Program Committee, Pensacola, FL, USA

TEACHING

Areas of research interest include Cognitive Neuroscience, Biological Psychology, Physiological Psychology, Behavioral Neuroscience, Sensation and Perception, Cognitive Psychology, and Behavioral Statistics.

Courses taught include Cognitive Neuroscience, Biological Psychology, Physiological Psychology, Sensation and Perception, Behavioral Research Methods, Behavioral Statistics, and Introduction to Psychology.

PROFESSIONAL AFFILIATIONS

American Psychological Association
American Psychological Society
Eastern Psychological Association
National Academy of Neuropsychology

New England Psychological Association
Southeastern Psychological Association

AWARDS AND HONORARY SOCIETIES

Carpenter Prize, Honors Research, Psychology, University of Rhode Island, 1987.
Academic Excellence Award, Psychology, University of Rhode Island, 1987.
Peter Merenda Prize (Nominated) Exceptional Methodology used in a Dissertation, 1994.

Mortar Board National Senior Honor Society, Rhode Island Chapter, 1986.
Psi Chi National Honor Society in Psychology, Rhode Island Chapter, 1986.
Phi Kappa Phi National Honor Society, Rhode Island Chapter, 1987.

RESEARCH GRANTS AND CONTRACTS

Title: *Visual Line Fitting as Bisection Rather than Regression.*
Role in Project: *Principal Investigator*
Type of Grant: *Undergraduate Research Grant*
Funding Agency: *University of Rhode Island*
Year Funded: *1987*
Status: *Funded*
Total Direct Costs: *\$200; 1 year*

Title: *Neurobehavioral Functioning in Women Infected with HIV-1*
Role in Project: *Principal Investigator*
Type of Grant: *Postdoctoral Research Fellowship Stipend*
Funding Agency: *Brown University Department of Psychiatry and Human Behavior*
Year Funded: *7/1/1994 - 6/30/1995*
Status: *Funded*
Total Direct Costs: *\$17,500; 1 year*

Title: *The Development of a Neurophysiological Probe (qEEG) for Clinical Use*
Role in Project: *Principal Investigator*
Type of Grant: *Faculty Research and Development Grant*
Funding Agency: *Mercer University College of Liberal Arts*
Year Funded: *7/1/1997 - 6/30/1998*
Status: *Funded*
Total Direct Costs: *\$7,000.00; 1 year*

Title: *The Development of a Neurophysiological Probe (qEEG) for Clinical Use*
Role in Project: *Principal Investigator*

Type of Grant: *Faculty Research and Development Grant*
Funding Agency: *Mercer University College of Liberal Arts*
Year Funded: *7/1/1998 - 6/30/1999*
Status: *Funded*
Total Direct Costs: *\$5,000.00; 1 year*

Title: *Validation of a Right-Hemisphere Vigilance System as Measured by qEEG*
Role in Project: *Principal Investigator*
Type of Grant: *Faculty Research and Development Grant*
Funding Agency: *Mercer University College of Liberal Arts*
Year Funded: *7/1/1999 - 6/30/2000*
Status: *Funded*
Total Direct Costs: *\$8,000.00; 1 year*

Title: *Validation of a Right-Hemisphere Vigilance System as Measured by qEEG (Continuation)*
Role in Project: *Principal Investigator*
Type of Grant: *Faculty Research and Development Grant*
Funding Agency: *Mercer University College of Liberal Arts*
Year Funded: *7/1/2000 - 6/30/2001*
Status: *Funded*
Total Direct Costs: *\$6,525.00; 1 year*

Title: *Diagnostic Utility of the P2 Flash VEP in Probable Alzheimer's Disease*
Role in Project: *Principal Investigator*
Type of Grant: *Faculty Research and Development Grant*
Funding Agency: *Mercer University College of Liberal Arts*
Year Funded: *7/1/2001 - 6/30/2002*
Status: *Funded*
Total Direct Costs: *\$3,500.00; 1 year*

Title: *Effects of Flash Mode and Intensity on P2 Component Latency and Amplitude*
Role in Project: *Principal Investigator*
Type of Grant: *Faculty Research and Development Grant*
Funding Agency: *Mercer University College of Liberal Arts*
Year Funded: *7/1/2002 - 6/30/2003*
Status: *Funded*
Total Direct Costs: *\$3,375.00; 1 year*

Title: *Quantitative Electroencephalographic (qEEG) Correlates of Sustained Attention*
Role in Project: *Principal Investigator*
Type of Grant: *Summer 2005 University Research Award*
Funding Agency: *University of West Florida*

Year Funded: 5/7/2005 - 8/5/2006
 Status: *Funded*
 Total Direct Costs: \$6,250.00; 1 year

Title: *Neuropsychological and Neurophysiological Early Detection of Mild Cognitive Impairment*

Role in Project: *Co-Principal Investigator*

Type of Grant: *Research Grant*

Funding Agency: *Byrd Institute*

Year Funded: 7/1/2005 - 6/30/2006

Status: *Pending*

Total Direct Costs: \$150,000.00; 1 year

Title: *Assessing Distractability in Teen Drivers*

Role in Project: *Co-Principal Investigator*

Type of Grant: *Research Grant*

Funding Agency: *Automobile Association of America (AAA)*

Year Funded: 7/1/2005 - 6/30/2006

Status: *Pending*

Total Direct Costs: \$150,000.00; 1 year

PEER REVIEWED ARTICLES

Valentino, D.A., Arruda, J.E., & Gold, S.G. (1993). Comparison of QEEG and response accuracy in good vs poorer performers during a vigilance task. International Journal of Psychophysiology, *15*, 123-133.

Kirschenbaum, S.S., & Arruda, J.E. (1994). The effects of graphic and verbal probability information on command decision making. Human Factors, *36*, 406-418.

Stern, R.A., J. Whealin, G. Mason, L. Noonan, Silva, S., Arruda, J.E., & Prange, A.J. (1995). Influence of L-triiodothyronine on memory following repeated electroconvulsive shock in rats: Implications for human electroconvulsive therapy. Biological Psychiatry, *37*, 198-201.

Arruda, J.E., Stern, R.A., & Legendre, S.A. (1996). Assessment of mood state in patients undergoing electroconvulsive therapy: The utility of Visual Analog Mood Scales designed for cognitively-impaired patients. Convulsive Therapy, *12*, 207-212.

Arruda, J.E., Weiler, M.D., Valentino, D.A., Willis, W.G., Rossi, J.S., Stern, R.A., Gold, S.G., & Costa, L. (1996). A guide for applying principal-component analysis and

confirmatory factor analysis to qEEG data. International Journal of Psychophysiology, 23, 63-81.

Cahn, D.A., Marcotte, A.C., Stern, R.A., Arruda, J.E., Akshoomoff, N.A., & Leshko, I.C. (1996). The Boston Qualitative Scoring System for the Rey-Osterrieth Complex Figure: An exploratory study of children with attention deficit hyperactivity disorder. The Clinical Neuropsychologist, 10, 397-406.

Stern, R.A., Robinson, B., Thorner, A.R., Arruda, J.E., Prohaska, M.L., & Prange, A.J. (1996). A survey study of neuropsychiatric complaints in patients with graves' disease. Journal of Neuropsychiatry and Clinical Neurosciences, 8, 181-185.

Costa, L., Arruda, J.E., Stern, R.A., Somerville, J.A., & Valentino, D.A. (1997). Asymptomatic HIV-1 infected women: A preliminary study of qEEG activity and CPT performance. Perceptual and Motor Skills, 85, 1395-1408.

Nyenhuis, D.L., Stern, R.A., Yamamoto, C., Terrien, A., Parmentier, A., Luchetta, T., & Arruda, J.E. (1997). Standardization and validation of the Visual Analogue Mood Scales. The Clinical Neuropsychologist, 11, 407-415.

Stern, R.A., Arruda, J.E., Hooper, C.R., Wolfner, G.W., & Morey, C.E. (1997). Visual analogue mood scales to measure internal mood state in aphasic patients: Description and initial validity evidence. Aphasiology, 11, 59-71.

Jocoy, E.L., Arruda, J.E., Estes, K.M., Yagi, Y. & Coburn, K.L. (1998). Concurrent visual task effects on evoked and emitted auditory P300 in adolescents. International Journal of Psychophysiology, 30, 319-328.

Stern, R.A., Arruda, J.E., Somerville, J.A., Cohen, R.A., Boland, R.J., Stein, M.I., & Martin, E.M. (1998). Neurobehavioral functioning in asymptomatic HIV-1 infected women. Journal of the International Neuropsychological Society, 4, 172-178.

Arruda, J.E., Stern, R.A., & Somerville, J.A. (1999). Measurement of mood states in stroke patients: Validation of the Visual Analog Mood Scales. Archives of Physical Medicine and Rehabilitation, 80, 676-680.

Arruda, J.E., Walker, K.A., Weiler, M.D., & Valentino, D.A. (1999). Validation of a right-hemisphere vigilance system as measured by principal component and factor analyzed quantitative electroencephalogram. International Journal of Psychophysiology, 32, 119-128.

Walker, K.A., Arruda, J.E., & Greenier, K.D. (1999). Assessment of perceptual biases extracted from the visual analogue scale. *Psi Chi Journal of Undergraduate Research*, 4, 57-63.

Yagi, Y., Coburn, K.L. Estes, K.M., & Arruda, J.E. (1999). Effects of aerobic exercise and gender on visual and auditory P300, reaction time, and accuracy. *European Journal of Applied Physiology*, 80, 402-408.

Beals, J.M., Arruda, J.E., & Peluso, J.P. (2002). The Effects of language proficiency on test performance. *Psi Chi Journal of Undergraduate Research*, 7, 155-161.

Smith, K.J., Valentino, D.A., & Arruda, J.E. (2002). Measures of variations in performance during a sustained attention task. *Journal of Clinical and Experimental Neuropsychology*, 24, 828-839.

Coburn, K.L., Arruda, J.E., Estes, K.M., & Amoss, R.T. (2003). Diagnostic utility of VEP changes in Alzheimer's disease. *Journal of Neuropsychiatry and Clinical Neurosciences*, 15, 175-179.

Smith, K.J., Valentino, D.A., & Arruda, J.E. (2003). Rhythmic oscillations in the performance of a sustained attention task. *Journal of Clinical and Experimental Neuropsychology*, 25, 561-570.

Temple, R.O., Stern, R.A., Latham, J., Ruffolo, M.A., Arruda, J.E., & Tremont, G. (2004). Assessment of mood state in dementia using the visual analog mood scales (VAMS). *American Journal of Geriatric Psychiatry*, 12, 527-530.

Coburn, K.L., Amoss, R.T., & Arruda, J.E., Kizer, L., & Marshall, Y. (2005). Effects of flash mode and intensity on P2 component latency and amplitude. *International Journal of Psychophysiology*, 55, 323-331.

Coburn, K.L., Amoss, R.T., Arruda, J.E., Kizer, L.D., & Marshall, Y.S. (2005). Reply to Bandini. *International Journal of Psychophysiology*, 57: 157 (letter).

Shular, C.F., Arruda, J.E., Greenier, K.D., & Pratt M. (2005). Sex differences in visual perception using stereopsis. *Psi Chi Journal of Undergraduate Research*, 10, 139-144.

Arruda, J.E., Amoss, R.T., & Coburn, K.L. (submitted). A quantitative electroencephalographic correlate of sustained attention processing. *International Journal of Psychophysiology*.

Arruda, J.E., Amoss, R.T., & Coburn, K.L. (submitted). Rhythmic Oscillations in Quantitative EEG measured during a continuous performance task. International Journal of Psychophysiology.

McElheney, S.A, Arruda, J.E., Greenier, K.D., & Sharon, T. (submitted). The effects of English language proficiency, two learning styles, and test format on test performance. Psi Chi Journal of Undergraduate Research.

Stock, D., Akhavein, N., Arruda, J.E., Greenier, K.D., Pratt, M., & Amoss, R.T. (submitted). Cortical arousal's role in vigilance decrement. Psi Chi Journal of Undergraduate Research.

PEER REVIEWED ABSTRACTS

Teixeira, L., Gold, S.G., Arruda, J.E., & Valentino, D.A. (1992). Comparison of EEGs of depressed and nondepressed college students. The Clinical Neuropsychologist, 6 (3), 345.

Weiler, M.D., Arruda, J.E., & Valentino, D.A. (1992). Principle components analysis of EEG collected during an auditory continuous performance task. The Clinical Neuropsychologist, 6 (3), 345.

Arruda, J.E. (1994). Confirmatory factor analyses of quantified electroencephalogram measured during a continuous performance test: A confirmation of neurocognitive systems. Unpublished Doctoral Dissertation, University of Rhode Island, Kingston. Abstracted in Dissertation Abstracts International.

Valentino, D.A., Arruda, J.E., Gold, S.G., Costa, L., & Kastner, M. (1994). Development of a quantitative EEG procedure for clinical use. Journal of Neuropsychiatry and Clinical Neurosciences, 6 (3), 322.

Arruda, J.E., Valentino, D.A., Stern, R.A., & Costa, L. (1995). Confirmatory factor analysis of quantified electroencephalogram measured during a continuous performance test. Journal of the International Neuropsychological Society, 1 (2), 126.

Arruda, J.E., Stern, R.A., Hooper, C.R., Wolfner, G.W., Somerville, J.A., & Bishop, D.S. (1996). Visual analogue mood scales to measure internal mood state in aphasic patients: Description and initial validity evidence with normal and neurologically impaired subjects. Archives of Clinical Neuropsychology, 11 (5), 364.

Cahn, D.A., Marcotte, A.C., Stern, R.A., Arruda, J.E., Akshoomoff, N.A., & Leshko, I.C. (1996). Qualitative features of visuoconstructional performance in children with

attention deficit hyperactivity disorder. Archives of Clinical Neuropsychology, 11 (5), 374-375.

Costa, L., Gold, S.G., Arruda, J.E., & Valentino, D.A. (1996). Use of a continuous performance test (CPT) with EEG in the assessment of reading disabilities. Archives of Clinical Neuropsychology, 11 (1), 92.

Nyenhuis, D.L., Stern, R.A., Yamamoto, C., Terrien, A., Parmentier, A., Luchetta, T., & Arruda, J.E. (1996). A standardization, further validation, and principal component analysis of the Visual Analogue Mood Scales. Journal of the International Neuropsychological Society, 2 (1), 4.

Stern, R.A., Arruda, J.E., & Legendre, S.A. (1996). Assessment of mood state in patients undergoing electroconvulsive therapy: The utility of Visual Analog Mood Scales designed for cognitively-impaired patients. Convulsive Therapy, 12 (1), 74-75.

Arruda, J.E., Stern, R.A., Somerville, J.A., & Bishop, D.S. (1997). Description and initial reliability and validity evidence for the visual analogue mood scales in a neurologically-impaired patient population. Journal of Neuropsychiatry and Clinical Neurosciences, 9 (1), 152.

Arruda, J.E., Stern, R.A., Somerville, J.A., Cohen, R.A., Stein, M.I., & Martin, E.M. (1997). Neurobehavioral functioning in asymptomatic HIV-1 infected women: Preliminary findings. Journal of the International Neuropsychological Society, 3 (1), 14.

Arruda, J.E., Valentino, D.A., Weiler, M.D., & Stern, R.A. (1997). A further validation of a right hemisphere vigilance system as measured by factor analyzed quantitative electroencephalogram. Journal of Neuropsychiatry and Clinical Neurosciences, 9, 699-700.

Coburn, K.L., Arruda, J.E., Estes, K.M., & Moore, N.C. (1997). Diagnostic utility of VEP changes in Alzheimer's disease II: Partial average and Hjorth laplacian reference results. Brain Topography, 10, 56.

Moore, N.C., Arruda, J.E., Estes, K.M., & Coburn, K.L. (1997). Diagnostic utility of VEP changes in Alzheimer's disease I: Global average reference results. Brain Topography, 10, 77.

Stern, R.A., Arruda, J.E., Somerville, J.A., Cohen, R.A., & Boland, R.J. (1997). Neuropsychiatric functioning in asymptomatic HIV-1 infected women. Journal of Neuropsychiatry and Clinical Neurosciences, 9 (1), 147-148.

Stern, R.A., Robinson, B., Thorner, A.R., Arruda, J.E., Prohaska, M.L., & Prange, A.J. Jr. (1997). A survey study of neuropsychiatric complaints in patients with Graves' disease. Psychiatry Digest, 1, 20-22.

Thompson, G.B., Arruda, J.E., Javorsky, D.J., Dahlen, K., Somerville, J.A., Guilmette, T.J., & Stern, R.A. (1997). The effects of coaching on the detection of malingering using the abbreviated Hiscock forced-choice procedure. Archives of Clinical Neuropsychology, 12, 414-415.

Arruda, J.E., Jocoy, E.L., Estes, K.M., Yagi, Y. & Coburn, K.L. (1998). The effects of divided and focused attention on the evoked and emitted auditory P300. Brain Topography, 11, 80.

Coburn, K.L., Jocoy, E.L., Arruda, J.E., Estes, K.M., & Yagi, Y. (1998). Effects of musical training and gender on adolescent P300. Brain Topography, 11, 74-75.

Thompson, G.B., Arruda, J.E., Tremont, G., Javorsky, D.J., Somerville, J.A., & Stern, R.A. (1998). Detection of malingering with the Boston Qualitative Scoring System for the Rey-Osterrieth Complex Figure. Archives of Clinical Neuropsychology, 13, 98-99.

Latham, J.A., Tremont, G., Somerville, J.A., Arruda, J.E., & Stern, R.A. (1999). Assessing internal mood state in dementia: Validation of the Visual Analog Mood Scales. Journal of Neuropsychiatry and Clinical Neurosciences, 11, 148.

Racenstein, J.M., Martin, E.M., Reed, R., Carson, V., Harris, T.E., Pitrak, D., Arruda, J.E., Somerville, J.A., & Stern, R.A. (2000). Gender differences in spatial working memory in HIV positive individuals. Journal of the International Neuropsychological Society, 6, 135.

Stern, R.A., Legendre, S.A., Thorner, A.R., Solomon, D., Tremont, G., Arruda, J.E., Furman, M., Somerville, J.A., & Prange, A.J. Jr. (2000). Exogenous thyroid hormone diminishes the amnesic side effects of electroconvulsive therapy. Journal of the International Neuropsychological Society, 6, 235.

Arruda, J.E., Amoss, R.T, Kizer, L.D., & Coburn, K.L. (2002). The P2 visual evoked potential and the diagnosis of probable Alzheimer's dementia: A psychometric study. International Journal of Psychophysiology, 45, 153.

Coburn, K.L., Arruda, J.E., & Amoss, R.T. (2002). Assessment of the diagnostic utility of VEP changes in Alzheimer's Disease. Neurobiology of Aging, 23, 150.

POSTER PRESENTATIONS (does not include those presented and abstracted above)

Arruda, J.E. (1991, February). Comparison of the EEG alpha power of males and females during an attention task. Master's Thesis.

Arruda, J.E., Valentino, D.A., Gold, S.G., & Teixeira, L. (1991, April). Comparison of the EEG alpha power of males and females during an attention task. Poster session presented at the meeting of The Eastern Psychological Association, New York.

Valentino, D.A., Arruda, J.E., Weiler, M.D., Teixeira, L., & Gold, S.G. (1991, June). Spectral analysis norms for EEG recorded during an auditory continuous performance task. Poster session presented at the meeting of The American Psychological Society, Washington, DC.

Gold, S.G., Arruda, J.E., Teixeira, L., Weiler, M.D., Riedford, M., & Valentino, D.A. (1992, August). QEEG during a vigilance task: Handedness and hand use. Poster session presented at the meeting of The American Psychological Association, Washington DC.

Valentino, D.A., Arruda, J.E., Gold, S.G., & Riedford, M. (1992, April). EEG changes during sustained accurate performance on a vigilance task. Poster session presented at the meeting of The Eastern Psychological Association, Boston.

Valentino, D.A., Arruda, J.E., Gold, S.G., Riedford, M., & Weiler, M.D. (1992, June). EEG of good vs poorer performers during a vigilance task. Poster session presented at the meeting of The American Psychological Society, San Diego.

Weiler, M.D., Arruda, J.E., & Valentino, D.A. (1992, August). Principal components analysis of EEG collected during an auditory CPT. Poster session presented at the meeting of The American Psychological Association, Washington DC.

Weiler, M.D., Willis, W.G., Arruda, J.E., Gold, S.G., & Valentino, D.A. (1992, April). Reliability and distribution of EEG measures collected during an auditory continuous performance task. Poster session presented at the meeting of The Eastern Psychological Association, Boston.

Gold, S.G., Arruda, J.E., Costa, L., & Valentino, D.A. (1993, November). Gender differences in EEG during a vigilance task requiring phonetic discrimination. Poster session presented at meeting of The Psychonomic Society, Washington DC.

Arruda, J.E., Valentino, D.A., Stern, R.A., & Costa, L. (1994, October). A confirmation of neurocognitive processes. Poster session presented at Rhode Island Hospital, Providence.

Arruda, J.E., Stern, R.A., Hooper, C.R., Wolfner, G.W., Somerville, J.A., & Bishop, D.S. (1995, October). Visual analogue mood scales to measure internal mood state in aphasic patients: Description and initial validity evidence with normal and neurologically impaired subjects. Poster session presented at Rhode Island Hospital, Providence.

Cahn, D.A., Marcotte, A.C., Stern, R.A., Arruda, J.E., Akshoomoff, N.A., & Leshko, I.C. (1995, October). Qualitative features of visuoconstructional performance in children with attention deficit hyperactivity disorder. Poster session presented at Rhode Island Hospital, Providence.

Stern, R.A., Robinson, B., Arruda, J.E., & Prange, A.J. (1995, October). A survey study of neuropsychiatric complaints in patients with graves' disease. Poster session presented at Rhode Island Hospital, Providence.

Stern, R.A., Arruda, J.E., Somerville, J.A., Cohen, R.A., Boland, R.J., & Stein, M.I. (1996, September). Neurobehavioral functioning in asymptomatic HIV-1 infected women. Poster session presented at Rhode Island Hospital, Providence.

Arruda, J.E., Valentino, D.A., Weiler, M.D., & Gordon, K. (1997, April). A confirmation of neurophysiological systems using quantitative electroencephalogram. Poster session presented at the meeting of The Southeastern Psychological Association, Atlanta.

Martin, E.M., Pitrak, D.L., Mullane, K.M., Pursell, K.J., Novak, R.M., Carson, V.L., Arruda, J.E., Somerville, J.A., & Stern, R.A. (1997, May). Reaction time performance of HIV-seropositive women. Poster session presented at the National Conference on Women and HIV: Innovation for Care, Policy and Prevention, Los Angeles.

Smith K., Valentino, D.A., & Arruda, J.E. (1997, June). Fluctuations in attention during a continuous performance test. Poster session presented at the meeting of The American Psychological Society, Washington, DC.

Walker, K.A., Amoss, R.T., & Arruda, J.E. (1998, April). Assessment of perceptual biases extracted from self-reported ratings of the visual analog scale. Poster session presented at the meeting of the Psi Chi Convention for the Behavioral Sciences, Athens.

Walton, P., Lankin, L., & Arruda, J.E. (1998, April). Women's "Lost Voice" experiences in intimate relationships and the association to gender role stereotypes and locus of control. Poster session presented at the meeting of the Psi Chi Convention for the Behavioral Sciences, Athens.

Latham, J.A., Tremont, G., Somerville, J.A., Arruda, J.E., & Stern, R.A. (1998, November). Assessing internal mood state in dementia: Validation of the Visual Analog Mood Scales. Poster session presented at Rhode Island Hospital, Providence.

Smith K., Valentino, D.A., & Arruda, J.E. (1999, April). Variations in performance during a sustained attention task. Poster session presented at the meeting of The Eastern Psychological Society, Providence.

Amoss, R.T., Arruda, J.E., Kizer, L.D., & Coburn, K.L. (2000, April). The visual evoked potential and Alzheimer's dementia: A psychometric Study. Poster session presented at the meeting of The Southeastern Psychological Association, New Orleans.

McGee, H.A., Arruda, J.E., Amoss, R.T., and Coburn, K.L. (2005, April). Potential sex differences associated with parietal alpha during a CPT. Poster session presented at the meeting of The Southeastern Psychological Association, Nashville.

Aue, W. R. & Arruda, J. E. (2006, March). Perceptual bias and scales of measurement associated with the Visual Analogue Scales. Poster session presented at the meeting of the Southeastern Psychological Association. Atlanta.

McGee, H.A., Arruda, J.E., Zhang, H., & Stanny, C.J. (2006, March). Principal component analysis and qEEG data transformation. Poster session presented at the meeting of The Southeastern Psychological Association, Atlanta.

PRESENTATIONS

Collyer, C., Tassoni, P., & Arruda, J.E. (1987, April). Visual line fitting as bisection rather than regression. Paper presented at the meeting of The Eastern Psychological Association, Virginia.

Valentino, D.A., Arruda, J.E., Gold, S.G., Weiler, M.D., Riedford, M., & Teixeira, L. (1991, November). Quantitative EEG during different levels of performance on a vigilance task. Paper presented at the meeting of The Psychonomic Society, San Francisco.

Arruda, J.E. (1994, May). Confirmatory factor analyses of quantified electroencephalogram measured during a continuous performance test: A confirmation of neuro-functional systems. Paper presented at the Mental Health Clinical Research Center, Department of Psychiatry, University of Iowa Hospitals and Clinics, Iowa.

Arruda, J.E. (1995, November). Description and initial validity evidence for a neurocognitive probe. Paper presented at the Rhode Island College Colloquium Series, Department of Psychology, Providence, Rhode Island.

Arruda, J.E. (1995, March). The development of a neurocognitive probe for clinical use. Paper presented at the Connecticut College Colloquium Series, Department of Psychology, New London, Connecticut.

Arruda, J.E. (2000, January). The importance of resident assistant training in professional life. Paper presented at the University of Rhode Island Colloquium Series, Department of Housing and Residential Life, Kingston, Rhode Island.

Arruda, J.E. & Amoss, R.T. (2000, November). Pay attention: Searching for answers in the brain. Paper presented at the National Chemistry/Science Week Lecture, Mercer University, Macon, Georgia.

Smith, J.M., Arruda, J.E., & Peluso, J.P. (2000, April). The Effects of language proficiency on test performance. Paper session presented at the Undergraduate Research Symposium, Macon, Georgia.

Hendrickson, E., Arruda, J.E., Pratt, M. (2001, April). Dorsal and ventral processing of the necker cube. Paper session presented at the Undergraduate Research Symposium, Macon, Georgia.

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