

CURRICULUM VITAE

Eric Carter Porges, PhD

Assistant Professor
Center for Cognitive Aging & Memory (CAM)
Department of Clinical and Health Psychology
University of Florida, Gainesville

PERSONAL DATA:

Department: Clinical and Health Psychology
Address: University of Florida
P.O. Box 100165
Gainesville, FL 32610-0165

E-mail: eporges@phhp.ufl.edu
Office: (352) 294-5838
Fax: (352) 294-5836

RESEARCH INTERESTS:

Neurobiology and Cognitive Neurosciences
Mechanisms of Aging and Healthy Development Across the Life Span
Technology Development and Research Methods
Consequences of Neural Damage, including HIV and Alcohol
GABA Magnetic Resonance Spectroscopy and Cognition
Vagal Nerve Stimulation and Cognition

EDUCATION:

<u>Institution</u>	<u>Major/Focus</u>	<u>Degree/Position</u>	<u>Years</u>
University of Florida, Gainesville, FL	Aging Cognitive Neuroscience	Post-Doctoral Fellow	2013- 2016
University of Chicago, Chicago, IL	Integrative Neuroscience	Doctor of Philosophy	2008- 2013
Hampshire College, Amherst, MA	Cognitive Science	Bachelor of Arts	1999- 2004

Ongoing Research Support:

NIAAA 1K01AA025306-01 (Porges; PI) 8/1/2017-7/31/2022
NIH \$840,675
Cognitive and functional deficits associated with reduced cortical GABA in HIV-infected heavy drinkers
The goal of this study will be to investigate regional cerebral γ -aminobutyric acid (GABA) concentrations in HIV+ heavy drinkers and controls, and their contribution to cognitive flexibility.
Role: PI

AMRIS Protocol Development Award (Porges; PI) 01/01/17-6/30/17
UF/AMRIS \$10,000

Funded by AMRIS, this development award will allow facilitate the development of consistent multisite GABA MRS data collection.

Role: PI

NIH R21AG054876(Williamson; PI) 06/01/17-5/31
NIH \$250,000

The goal of this study was to collect pilot data investigating the ability of transcutaneous vagal nerve stimulation (tVNS) to impact MCI symptoms.

Role: Co-I

NIA K01AG050707-A1 (Woods; PI) 09/30/16-05/31/21
NIH \$617,768

Neuromodulation of Cognition in Older Adults

The goal of this study will be to investigate the ability of transcranial direct current stimulation to enhance the effectiveness of cognitive training targeting attention, speed of processing, and working memory function in older adults.

Role: Co-I

NIA R01AG049433 (Cohen & Marsiske; PIs) 09/1/16-04/30/21
NIH \$6,600,000

Augmenting Cognitive Training in Older Adults (ACT)

The goal of this study will be to perform the definitive multi-site RCT establishing methods for optimized CT effectiveness in older adults through mindfulness meditation stress reduction and transcranial direct current stimulation (tDCS).

Role: Co-I

NHLBI R56HL127175 (Williamson; PI) 09/08/15-08/31/16
NIH \$478,898

Brain and cognition effects of cardio resynchronization therapy in heart failure

The goal of this study is to evaluate cognitive and brain consequences of cardiac resynchronization therapy in heart failure patients using functional neuroimaging, magnetic resonance spectroscopy, & arterial spin labeling. (currently in no-cost extension)

Role: Co-I

NIBIB U54EB020403 (Thompson; PI) 09/29/14-09/30/18
NIH \$180,000

ENIGMA Center for Worldwide Medicine, Imaging, and Genomics

The goal of this study is to utilize a worldwide research consortium to facilitate big data computing of medical, neuroimaging, and genome data to further our understanding of disease states in the human brain.

Role: Co-I

Pending research support:

NINR R21 (Domenico; PI) \$275,000
NIH

The goal of this project is to identify personalized markers to predict smoking behaviors among individuals.

Role: Co-I

NSF (Williamson; PI)

Future of Work at the Human-Technology Frontier: Advancing Cognitive and Physical Capabilities (FW-HTF) (Williamson; PI) \$1,025,172
 NSF

The goal of this project is to facilitate community college to workforce transition using vagal nerve stimulation.

Role: Co-PI

Completed research support:

Brain Rehabilitation Research Center Pilot (Williamson; PI) 06/01/17-5/31/18
 VA \$60,000

External autonomic nervous system modulation for the treatment of sleep in PTSD.
 The goal of this study is to collect pilot data investigating the ability of transcutaneous vagal nerve stimulation (tVNS) to alleviate anxiety and sleep related PTSD symptoms.

Role: Co-I

McKnight Brain Research Foundation (Wright; PI) 05/01/15-05/01/18
 Neuroimaging Consortium Grant \$400,000

UF Neuroimaging Consortium Cohort (Site PI: Cohen)
 The goal of this project is to develop a cohort of 200 adults 85 years and older across four sites using multimodal neuroimaging and cognitive assessment – including structure MRI, DTI, and MRS, in addition to the NIH toolbox.

Role: Consultant

NIAAA F31AA024060 (Bryant; PI) 05/01/15-04/30/18
 NIH \$109,474

Working memory: a critical factor underlying alcohol reduction intervention response
 The goal of this project is to evaluate the role of working memory function in response to an effective alcohol reduction intervention (Motivational Interviewing) in HIV and non-HIV older adults. The student will receive training in functional and structural magnetic resonance imaging methods.

Role: Consultant

CTSI KL2 (Porges; PI) 09/01/16-07/30/17
 UF \$112,500

Cognitive and functional deficits associated with reduced cortical GABA in HIV-infected heavy drinkers: Potential target for clinical intervention.
 The goal of this institutional K award is to investigate GABAergic contributions to cognitive flexibility in HIV+ population of heavy alcohol drinkers.

Role: PI

Internal Funding, University of Florida, IOA (Porges; PI) 09/01/13-01/01/16
 Postdoctoral fellowship funded by the Center on Cognitive Aging and Memory.

Role: PI

NCATS UL1TR001427 \$2000
 NIH

Internal voucher # RC01-001 to provide REDCap database support

Brain Rehabilitation Research Center Pilot (Williamson; PI) 06/01/14-12/01/14
 VA \$29,000

External autonomic nervous system modulation for the treatment of PTSD.

The goal of this study was to collect pilot data investigating the ability of transcutaneous vagal nerve stimulation (tVNS) to alleviate anxiety and sleep related PTSD symptoms.

Role: Co-I

McKnight Brain Research Foundation (Cohen; PI) 10/15/13-10/15/16
 McKnight Brain Research Foundation \$179,414
 CAM-CTRP Pilot Study Pilot Study: The ACTIVE Brain Study
 The goal of this funding is to provide neuroimaging biomarkers of successful aging.
 Role: Co-I

McKnight Brain Research Foundation (Cohen; PI) 01/1/14-01/1/16
 McKnight Brain Research Foundation \$95,176
 CAM-CTRP Pilot Study: Visual assessment of aging processes in the human brain.
 The goal of this funding is to investigate aging related changes in visual processing and assessment in the human brain.
 Role: Co-I

McKnight Brain Research Foundation (Cohen; PI) 01/01/14-01/01/16
 McKnight Brain Research Foundation \$101,164
 CAM-CTRP Pilot Study: Differential declination in attentional processes in advanced age
 The goal of this funding is to identify differential change in the four major components of attentional processing using functional magnetic resonance imaging.
 Role: Co-I

McKnight Brain Research Foundation (Woods; PI) 07/1/14-07/1/16
 McKnight Brain Research Foundation \$114,164
 CAM-CTRP Pilot Study: Neuromodulation using transcranial direct current stimulation to improve working memory function in healthy aging
 The goal of this funding is to use transcranial direct current stimulation to improve functional neuroimaging biomarkers of cognitive and metabolic decline in healthy aging.
 Role: Co-I

Academic awards & honors:

- 2017 K01 awardee, NIAAA/NIH
- 2016 KL2 awardee, Clinical and translational science institute, University of Florida
- 2016 Poster Award Southern HIV and Alcohol Research Consortium (SHARC) meeting.
- 2016 University of Florida CTSA Institutional K Scholar
- 2013 Postdoctoral fellowship, Center for Cognitive Aging and Memory, McKnight Brain Foundation
- 2012 Norman Henry Anderson Award, Department of Psychology at the University of Chicago
- 2012 Travel Award, University of Chicago Psychology graduate student organization
- 2012 Student Poster Award, Society for Psychophysiological Research
- 2011 Norman Henry Anderson Award, Department of Psychology at the University of Chicago
- 2011 Research Award, University of Chicago Psychology graduate student organization

2010 Norman Henry Anderson Award, Department of Psychology at the University of Chicago

Professional societies:

Society for Neuroscience
Society for Social Neuroscience
Cognitive Neuroscience Society
Society for Psychophysiological Research
Research Society on Alcoholism

Editorial boards:

Frontiers in Psychology; Emotion Science
Frontiers in Psychology; Psychology for Clinical Settings

Ad hoc reviewer:

Neurobiology of Aging
Experimental Gerontology
International Journal Psychophysiology
Social Neuroscience
Developmental Review
Neuroimage

Conferences committees

Conference Organizer, "4th International Symposium on MRS of GABA", Leuven, Belgium. September 22-23, 2017

Co-Director, Conference Organizer and Planner, "3rd International Symposium on MRS of GABA", Hilton Orlando Lake Buena Vista, Orlando, FL. October 14-15, 2015

Service:

UF McKnight Brain Institute Outreach and Education Committee 2017 – Present

UF Advanced Magnetic Resonance Imaging and Spectroscopy Facility, 3T facility design committee 2014-2016

Design, planning and oversight of new Siemens 3T scanner facility

UF Advanced Magnetic Resonance Imaging and Spectroscopy Facility, Human testing resource design committee 2016-2017

Design, planning and oversight of new human subject testing facility

Center for Cognitive Aging and Memory (CAM) behavioral and electrophysiological research space design committee 2016-2017

Design, planning and oversight of new human subject testing facility

Research Methods: General Areas

Behavioral research methods,
Human electrophysiology/psychophysiology and autonomic measurement
Non-invasive vagal nerve stimulation
Salivary hormone assays
Analysis of Consequences of Genetic Variation

Specific Skills and Qualifications:

- Neuroimaging
 - Functional magnetic resonance imaging (fMRI)
 - Statistical Parametric Mapping (SPM) (classical contrast, functional connectivity)
 - Structural magnetic resonance imaging
 - Freesurfer
- Magnetic Resonance Spectroscopy
 - GABA edited Magnetic Resonance Spectroscopy (MEGA-PRESS)
- Electrophysiology/ psychophysiological/ autonomic methods
 - Heart rate variability (HRV/RSA) study design, collection analysis and interpretation
 - Galvanic Skin Response (GSR/EDA) study design, collection analysis and interpretation
 - Respiration study design, collection analysis and interpretation
 - Electromyography (facial EMG) study design, collection analysis and interpretation
 - Electroencephalography (EEG) and event-related potential (ERP) methods
- Transcutaneous Vagal Nerve Stimulation
 - Implementation & Study design.
- Study Design & implementation
 - Behavioral
 - Neuroimaging study design and programming
 - Psychophysiological/autonomic
- Stimuli presentation software programming experience
 - E-Prime
 - DirectRT
 - SuperLab
- Eye tracking research design and analysis
 - video (Eyelink, Tobii & SMI)
 - electrophysiological approaches (EOG)
- Salivary Hormone ELISA assay (Cortisol & Testosterone)
- Statistical expertise: Multivariate, univariate, and multivariable data analysis, non-parametric statistical techniques

Patents, Patent Applications & Disclosures:

Williamson J.B.; Lamb D.G.; Porges E.C. System and method for monitoring and controlling nervous system behavior using autonomic features. U.S. Patent Application PCT/US15/535,965, filed June 2017. Patent Pending.

Manuscripts:

Szymkowicz, S. M., Woods, A. J., Dotson, V. M., Porges, E. C., Nissim, N. R., O’Shea, A., ... Ebner, N. C. (2018). Associations between subclinical depressive symptoms and reduced brain volume in middle-aged to older adults. *Aging & Mental Health*, 1–12.

- O'Shea, D. M., Dotson, V. M., Woods, A. J., Porges, E. C., Williamson, J. B., O'Shea, A., & Cohen, R. (2018). Depressive Symptom Dimensions and Their Association with Hippocampal and Entorhinal Cortex Volumes in Community Dwelling Older Adults. *Frontiers in Aging Neuroscience*, *10*, 40.
- Clark, D. J., Chatterjee, S. A., McGuirk, T. E., Porges, E. C., Fox, E. J., & Balasubramanian, C. K. (2018). Sympathetic nervous system activity measured by skin conductance quantifies the challenge of walking adaptability tasks after stroke. *Gait & Posture*, *60*, 148–153.
- O'Shea, D. M., Fieo, R., Woods, A., Williamson, J., Porges, E., & Cohen, R. (2018). Discrepancies between crystallized and fluid ability are associated with frequency of social and physical engagement in community dwelling older adults. *Journal of Clinical and Experimental Neuropsychology*, 1–8.
- White, T. L., Monnig, M. A., Walsh, E. G., Nitenson, A. Z., Harris, A. D., Cohen, R. A., ... others. (2018). Psychostimulant drug effects on glutamate, Glx, and creatine in the anterior cingulate cortex and subjective response in healthy humans. *Neuropsychopharmacology*, *43*(7), 1498.
- Porges, E. C., Woods, A. J., Edden, R. A. E., Puts, N. A. J., Harris, A. D., Chen, H., ... others. (2017). Frontal gamma-aminobutyric acid concentrations are associated with cognitive performance in older adults. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, *2*(1), 38–44.
- Nissim, N. R., O'Shea, A., Richards, L., Telles, R., Porges, E., Cohen, R., & Woods, A. J. (2017). Bilateral frontal tDCS reduces DLPFC activation during working memory performance in older adults. *Brain Stimulation: Basic, Translational, and Clinical Research in Neuromodulation*, *10*(4), e42.
- Nissim, N. R., O'Shea, A. M., Bryant, V., Porges, E. C., Cohen, R., & Woods, A. J. (2017). Frontal structural neural correlates of working memory performance in older adults. *Frontiers in Aging Neuroscience*, *8*, 328.
- Lamb, D. G., Porges, E. C., Lewis, G. F., & Williamson, J. B. (2017). Non-invasive vagal nerve stimulation effects on hyperarousal and autonomic state in patients with posttraumatic stress disorder and history of mild traumatic brain injury: preliminary evidence. *Frontiers in Medicine*, *4*, 124.
- Cohen, R. A., Siegel, S., Gullett, J. M., Porges, E., Woods, A. J., Huang, H., ... Ding, M.-Z. (2017). Neural response to working memory demand predicts neurocognitive deficits in HIV. *Journal of Neurovirology*, 1–14.
- Porges, E. C., Woods, A. J., Lamb, D. G., Williamson, J. B., Cohen, R. A., Edden, R. A. E., & Harris, A. D. (2017). Impact of tissue correction strategy on GABA-edited MRS findings. *NeuroImage*, *162*, 249–256.
- Szymkowicz, S. M., Dotson, V. M., McLaren, M. E., De Wit, L., O'Shea, D. M., Talty, F. T., ... Woods, A. J. (2017). Precuneus abnormalities in middle-aged to older adults with depressive symptoms: An analysis of BDI-II symptom dimensions. *Psychiatry Research: Neuroimaging*, *268*, 9–14.

- Carter, C. S., Barta, I. B.-A., & Porges, E. C. (2017). 14 The Roots of Compassion: An Evolutionary and Neurobiological Perspective. *The Oxford Handbook of Compassion Science*, 173.
- Woods, A. J., Porges, E. C., Bryant, V. E., Seider, T., Gongvatana, A., Kahler, C. W., ... Cohen, R. A. (2016). Current heavy alcohol consumption is associated with greater cognitive impairment in older adults. *Alcoholism: Clinical and Experimental Research*, 40(11), 2435–2444.
- O’Shea, A., Cohen, R., Porges, E. C., Nissim, N. R., & Woods, A. J. (2016). Cognitive aging and the hippocampus in older adults. *Frontiers in Aging Neuroscience*, 8, 298.
- Seider, T. R., Fieo, R. A., O’Shea, A., Porges, E. C., Woods, A. J., & Cohen, R. A. (2016). Cognitively engaging activity is associated with greater cortical and subcortical volumes. *Frontiers in Aging Neuroscience*, 8, 94.
- Seider, T. R., Gongvatana, A., Woods, A. J., Chen, H., Porges, E. C., Cummings, T., ... Cohen, R. A. (2016). Age exacerbates HIV-associated white matter abnormalities. *Journal of Neurovirology*, 22(2), 201–212.
- Ebner, N. C., Chen, H., Porges, E., Lin, T., Fischer, H., Feifel, D., & Cohen, R. A. (2016). Oxytocin’s effect on resting-state functional connectivity varies by age and sex. *Psychoneuroendocrinology*, 69, 50–59.
- Zamzow, R. M., Ferguson, B. J., Stichter, J. P., Porges, E. C., Ragsdale, A. S., Lewis, M. L., & Beversdorf, D. Q. (2016). Effects of propranolol on conversational reciprocity in autism spectrum disorder: a pilot, double-blind, single-dose psychopharmacological challenge study. *Psychopharmacology*, 233(7), 1171–1178.
- Chen, H., Zhao, B., Porges, E. C., Cohen, R. A., & Ebner, N. C. (2016). Edgewise and subgraph-level tests for brain networks. *Statistics in Medicine*, 35(27), 4994–5008.
- Porges, E. C., Smith, K. E., & Decety, J. (2015). Individual differences in vagal regulation are related to testosterone responses to observed violence. *Frontiers in Psychology*, 6, 19.
- Williamson, J. B., Porges, E. C., Lamb, D. G., & Porges, S. W. (2015). Maladaptive autonomic regulation in PTSD accelerates physiological aging. *Frontiers in Psychology*, 5, 1571.
- Yoder, K. J., Porges, E. C., & Decety, J. (2015). Amygdala subnuclei connectivity in response to violence reveals unique influences of individual differences in psychopathic traits in a nonforensic sample. *Human Brain Mapping*, 36(4), 1417–1428.
- Falchook, A. D., Porges, E. C., Nadeau, S. E., Leon, S. A., Williamson, J. B., & Heilman, K. M. (2015). Cognitive--motor dysfunction after severe traumatic brain injury: A cerebral interhemispheric disconnection syndrome. *Journal of Clinical and Experimental Neuropsychology*, 37(10), 1062–1073.
- Clark, D. J., Rose, D. K., Ring, S. A., & Porges, E. C. (2014). Utilization of central nervous system resources for preparation and performance of complex walking tasks in older adults. *Frontiers in Aging Neuroscience*, 6, 217.

- Smith, K. E., Porges, E. C., Norman, G. J., Connelly, J. J., & Decety, J. (2014). Oxytocin receptor gene variation predicts empathic concern and autonomic arousal while perceiving harm to others. *Social Neuroscience*, 9(1), 1–9.
- Porges, E. C., & Decety, J. (2013). Violence as a source of pleasure or displeasure is associated with specific functional connectivity with the nucleus accumbens. *Frontiers in Human Neuroscience*, 7, 447.
- Williamson, J. B., Heilman, K. M., Porges, E., Lamb, D., & Porges, S. W. (2013). A possible mechanism for PTSD symptoms in patients with traumatic brain injury: central autonomic network disruption. *Frontiers in Neuroengineering*, 6, 13.
- Carter, C. S., & Porges, E. C. (2011). Parenthood, stress, and the brain. *Biological Psychiatry*, 70(9), 804–805.
- Decety, J., & Porges, E. C. (2011). Imagining being the agent of actions that carry different moral consequences: an fMRI study. *Neuropsychologia*, 49(11), 2994–3001.
- Lamm, C., Porges, E. C., Cacioppo, J. T., & Decety, J. (2008). Perspective taking is associated with specific facial responses during empathy for pain. *Brain Research*, 1227, 153–161.

Book Chapters & Encyclopedia Entries:

- Porges E.C. Pre-Pulse Inhibition. *Encyclopedia of Clinical Neuropsychology*. 2017. In Press. New York, NY: Springer Science
- Porges E.C. Attentional Blink. *Encyclopedia of Clinical Neuropsychology*. 2017. In Press. New York, NY: Springer Science
- Porges E.C. Backwards Masking. *Encyclopedia of Clinical Neuropsychology*. 2017. In Press. New York, NY: Springer Science
- Porges E.C. Priming. *Encyclopedia of Clinical Neuropsychology*. 2017. In Press. New York, NY: Springer Science
- Lamb D.G.; Porges E.C. Flanker Task. *Encyclopedia of Clinical Neuropsychology*. 2017. In Press. New York, NY: Springer Science
- Carter C.S.; Bartal I.B.; Porges E.C. The Roots of Compassion: An Evolutionary and Neurobiological Perspective. *Frailty: Oxford Handbook of Compassion Science*. 2017. New York, NY: Oxford University Press.

Invited Talks:

- Frontal Gamma-Aminobutyric Acid Concentrations are Associated with Cognitive Performance in Older Adults. Presented at “Tenth McKnight Brain Research Foundation, Inter-Institutional Meeting.” Birmingham, AL. 2018

Cognitive and functional deficits associated with reduced cortical GABA in HIV-infected heavy drinkers. Presented at "Southern HIV and Alcohol Research Consortium: Research Seminar." Gainesville, FL. 2017

Cognitive and functional deficits associated with reduced cortical GABA in HIV-infected heavy drinkers. To be presented at "Brown University, Alcohol Research Center on HIV retreat." Providence, RI. 2017

GABAergic contributions to cognitive aging. To be Presented at the "McKnight Brain Research Foundation University of Florida Site Visit." Gainesville, FL. 2017

Vagal nerve stimulation in PTSD. To be presented at "VA Brain-Heart Multisite Consortium Meeting." Columbia, SC. 2017

GABA+ in frontal but not sensorimotor regions is associated with chronic pain intensity and disability in older adults. To be Presented at "4th International Symposium on MRS of GABA." Leuven, Belgium. 2017

Frontal GABA concentrations are associated with Cognitive Performance in Older Adults. Presented at "University of Florida Department of Clinical and Health Psychology Faculty Research Series." Gainesville, FL. 2017

Neuroimaging and Cognitive Performance in Older Adults. Presented at Northeastern University's Department of Psychology colloquium series. Boston, MA. 2016

Neurotransmitter Alterations in the Aging Brain. Presented at the "41st Annual Course in Cognitive & Behavioral Neurology: The Aging Brain" session of the "Florida Society of Neurology Annual Meeting." Orlando, FL. 2016

GABA concentrations, Age, & Cognition. Presented at the "McKnight Brain Research Foundation University of Florida Site Visit." Gainesville, FL. 2016

Frontal GABA concentrations predict cognitive function beyond age-related decline and the extension of this research into HIV and heavy drinking. Presented at the Twelfth GATOR pre-International Neuropsychological Society meeting. Waterville Valley, NH. 2016

GABA concentrations, Age, & Cognition. Presented at the "Psychiatric and Clinical Research" session of the "3rd international symposium on MRS of GABA." Orlando, FL. 2015

The effect of current alcohol consumption on cognitive impairment varies as a function of HIV status and age. Presented at "Medical consequences of alcohol use among people living with HIV" Symposium at the Research Society on Alcoholism, San Antonio, Tx. 2015

Working group presentation; HIV, alcohol, and cognitive function/neuroimmune studies targeting at risk groups/biomarkers/biological processes. Presented at the HIV/AIDS Cross-Consortia Meeting at Research Society on Alcoholism satellite meeting, San Antonio, Tx. 2015

MoCA Performance as a function of GABA in the context of aging. Presented at the Center for addiction research and education (CARE) Spring seminar series. Gainesville, FL. 2015

Age related changes in cortical GABA concentrations and cognitive function. Presented at the Eleventh GATOR pre-International Neuropsychological Society meeting. Keystone, CO. 2015

Imagining Being the Agent of Actions That Carry Different Moral Consequences: An fMRI Study. *Talk given as part of symposium: The loving brain: Integrating diverse accounts of social affiliation.* Annual meeting of the Association for Psychological Science, Washington, DC. 2011

Dissertation:

Porges, E.C. *Individual differences in peripheral and central physiological responses to observed violence.* The University of Chicago. Successfully Defended 07/12/2013

Abstracts:

Gulliford D.; Chen H.; Porges E.C.; Lin T.; Hayes R.; Fisher H.; Feifel D.; Cohen C.; Ebner N. Sex-differential effects of intranasal oxytocin on resting-state anterior cingulate activity. 2017. Organization for Human Brain Mapping, Vancouver, CA.

Clark D.J.; Chatterjee S.; Porges E.C.; Fox E.J.; Balasubramanian C. *Sympathetic nervous system activity as an assessment of perceived challenge of walking after stroke.* 2017 Annual Conference of the American Congress of Rehabilitation Medicine. Atlanta, GA, October 26, 2017.

Wratchford C.; Chatterjee S.; Porges E.C.; Fox E.; Balasubramanian C.; Clark D. Sympathetic nervous system activity as a physiological assessment of the perceived challenge of walking after stroke. University of Florida College of Medicine Celebration of Research, February 27, 2017.

Chatterjee S.; Rose D.; Porges E.C.; Fox E.; Daly J.; Christou E.; Otzel D.; Butera K.; Clark D.J. Quantifying the perceived challenge of walking after stroke by measuring sympathetic activation: a pilot study. APTA Combined Sections Meeting, San Antonio, TX. 2017

Seider T.R.; Porges E.C.; Woods A.J.; Cohen R.A. Age-Related Changes in Visual Discrimination. Poster to be presented at the International Neuropsychological Society, New Orleans, LA. 2017.

Garcia A.M.; Seider T.R.; Porges E.C.; Cohen R.A. The Relationship between DMN Activation and Intelligence in Older Adults. Poster presented to be presented at the International Neuropsychological Society, New Orleans, LA. 2017.

McLaren M.E.; Dotson V.M.; Szymkowicz S.M.; O'Shea D.; O'Shea A.; Porges E.C.; Cohen R.A.; Woods A.J. Association of Subthreshold Depressive Symptoms with Cortical Thickness and Surface Area of the Insula. Poster presented to be presented at the International Neuropsychological Society, New Orleans, LA. 2017.

Lamb D.G.; Porges E.C.; Williamson J.B. Modulation of signs and symptoms of post-traumatic stress disorder and traumatic brain injury by peripheral nerve stimulation. Poster presented at the Society for Neuroscience, San Diego, CA. 2016.

- Clark D.J.; Wratchford C.; Chatterjee S.A.; Porges E.C.; Fox E.J.; Balasubramanian B. Sympathetic nervous system activity to assess the perceived challenge of walking adaptability after stroke. Poster presented at the Brooks Rehabilitation annual research day, Gainesville, FL, 2016.
- Bryant V.E.; Woods A.J.; Porges E.C.; Cook R.L.; Kahler C.W.; O'Shea A.; Tashima K.; Cohen R.A. Frontal Neural Correlates of Working Memory Decline in Hazardous Drinkers Living With HIV. Poster presented at the Research Society on Alcoholism, New Orleans, LA. 2016.
- Chatterjee S.A.; Rose D.K.; Porges E.C.; Fox E.J.; Daly J.D.; Christou E.A.; Otzel D.M.; Butera K.A.; Clark D.J. Quantifying the perceived challenge of walking after stroke by measuring sympathetic activation: a pilot study Poster presented to be Annual CSM meeting. San Antonio. 2016.
- Bryant V.E.; Woods A.J.; Porges E.C.; Cook R.L.; Kahler C.W.; O'Shea A.; Tashima K.; Cohen R.A. Frontal Neural Correlates of Working Memory Decline in Hazardous Drinkers Living With HIV. Poster presented to be Annual SHARC meeting, Poster Prize awarded, Miami, FL. 2016.
- Seider T.R.; Garcia A.M.; Porges E.C.; Woods A.J.; Cohen R.A. Default Mode Network Control, Social Engagement, and Memory in Older Adults. Poster presented at the American Academy of Clinical Neuropsychology, Chicago, IL, 2016.
- Bryant V.E.; Woods A.J.; Porges E.C.; Cook R.L.; Kahler C.W.; O'Shea A.; Tashima K.; Cohen R.A. Poster presented at the Frontal Neural Correlates of Working Memory Decline in Hazardous Drinkers Living With HIV. CHAART Conference, 2016.
- Nissim N.R.; O'Shea A.; Bryant V.; Porges E.C.; Cohen R.A.; Woods A.J. Neural Correlates of Working Memory in Healthy Older Adults. Poster presentation at the Cognitive Aging Conference, Atlanta, GA. 2016.
- Garcia A.; Seider T.; Porges E.C.; Cohen R.A. The Relationship between DMN Activation and Intelligence in Older Adults. Poster presented at University of Florida Institute on Aging Research Day, Gainesville, Florida. 2015.
- Bryant V.E.; Woods A.J.; Porges E.C.; Seider T.R.; Gongvatana A.; Kahler C.W.; de la Monte S.M.; Monti P.; Cohen R.A. Heavy Alcohol Consumption Exacerbates Cognitive Aging. Poster at the Research Society on Alcoholism, 2015.
- Nissim N.R.; O'Shea A.; Bryant V.; Porges E.C.; Cohen R.A.; Woods A.J. Neural Correlates of Working Memory in Healthy Older Adults. Poster presentation at the University of Florida, Institute on Aging Spotlight on Aging Research, Gainesville, FL. 2015.
- Seider T.; Porges E.C.; Garcia A.; Cohen R.A. Social Activity is Associated with Better Verbal Memory in Older Adults. The American Academy of Clinical Neuropsychology, 2015.
- Fouche J.P.; Jahanshad N.; Ching C.; Joska J.; Paul R.; Hoare J.; Valcour V.; Woods W.; Porges E.C.; Thompson P.; Navia B.; Cohen R.A.; Stein D.J. The Enigma-HIV working group: Association of CD4 with subcortical volume in HIV-Positive adults. Organization for Human Brain Mapping, Honolulu, HI. 2015.

Woods A.; Porges E.C.; O’Shea A.; Bryant V.; Harris A.; Edden R.; Cohen R.A. Frontal NAA concentrations predict global cognitive function in older adults. Cognitive Neuroscience Society, San Francisco,CA. 2015

Porges E.C.; Woods A.J.; Harris A.; Edden R.; Cohen R.A. Frontal GABA concentrations predict global cognitive function in older adults. Cognitive Neuroscience Society, San Francisco, CA. 2015

Ebner N.; Porges E.C.; Lin T.; Fisher H.; Cohen R.A. Oxytocin and Aging: Effects on Reading Facial Cues of Trust and Emotion. Cognitive Neuroscience Society, Boston, MA. 2015

Porges E.C.; Smith K.; Decety J. Interaction of Pain and Pleasure Networks. Cognitive Neuroscience Society in San Francisco, CA. 2013

Porges E.C.; Smith K.; Decety J. Resting vagal regulation predicts testosterone responses to observed violence. Brain Research Foundation, Chicago, IL 2013

Porges E.C.; Smith K.; Decety J. Resting vagal regulation predicts testosterone responses to observed violence. Society for Psychophysiological Research, New Orleans, LA. 2012

Porges E.C.; Smith K.; Decety J. Resting vagal regulation predicts sympathetic and testosterone responses to observed violence. Cognitive Neuroscience Society, Chicago, IL. 2012

Yoder K.; Porges E.C.; Decety J. Amygdala subnuclei-seeded functional connectivity: a novel application of probabilistic tractography. Cognitive Neuroscience Society, Chicago, IL. 2012

Porges E.C.; Decety J. Central pathways of pain and pleasure interact. American College of Neuropsychopharmacology in Waikoloa, HI. 2011

Porges E.C.; Decety J. Common neural recruitment when observing pleasure and pain. Society for Neuroscience Meeting, Washington, DC. 2011

Porges E.C.; Decety J. Different neural responses result from imagining being the perpetrator or recipient of morally valenced actions: An fMRI study. Society for Neuroscience Meeting, San Diego, CA. 2010

Teaching Experience:

Position	Course	Institution/Organization	Year
Course Director	Methods of Cognitive Neuroscience	The University of Florida	2018
Guest Lecturer	Health Informatics & Emerging Healthcare Technologies	The University of Florida	2018
Guest Lecturer	Clinical and Cognitive Neuroscience: Methods and Theory	The University of Florida	2017
Course Director	Methods of Cognitive Neuroscience	The University of Florida	2017
Guest Lecturer	Aging and the Human Brain	The University of Florida	2017
Course Director	Clinical and Translational Science Institute Student Seminar Course (Graduate Level)	The University of Florida	2016
Guest Lecturer	Survey of Cognitive Neuroscience methods	The University of Florida	2016

Instructor	Functional Neuroimaging Methods	Center for Cognitive Aging	2015
Guest Instructor	CTSI Seminar	The University of Florida	2015
Guest Lecturer	Survey of Cognitive Neuroscience methods	The University of Florida	2015
Guest Lecturer	Aging and the Human Brain	The University of Florida	2015
Lecturer/TA	The Empathic Brain	The University of Chicago	2013
Lecturer/TA	Windows to the Social Brain	The University of Chicago	2012
Lecturer/TA	Biological Psychology	The University of Chicago	2012
Lecturer/TA	Psychological Research Methods	The University of Chicago	2011
Lecturer/TA	Biological Psychology	The University of Chicago	2011