

Curriculum Vitae

Eric R. Anderson, M.D., Ph.D.

Address:

Intensive Neuromonitoring Inc
5921 Bayview Circle South
Gulfport, FL 33707

Telephone: (404) 831-8168

E-mail: eric@intensiveneuro.com

Personal Summary:

Dr. Eric Anderson is an innovative physician-scientist that has been recognized as a national leader in telemedicine and mobile health. He trailblazed the use of mobile telemedicine in emergency neurology and was the first to demonstrate and publish that remote stroke assessment could be performed with an iPhone. Dr. Anderson has a driving passion to create and leverage technology to improve outcomes across the care continuum. He speaks nationally on the topics of telemedicine, mobile health, and medical economics. He currently practices telemedicine in 32 states and over 240 hospitals and is the director of telemedicine for Corticare and the subject matter expert on tele-EEG for SOC teled. He also devotes his time to operating Intensive Neuro, his own tele-EEG company in Georgia and serves as a mentor for the Neuroscience-based startup accelerator Neurolaunch. Dr. Anderson leads several efforts in bringing telemedicine and technology to the forefront of medicine including being the past Chairperson of the Telemedicine Workgroup, Vice Chair of the Practice Committee, as well as member of the Practice Management and Technology Subcommittee, and the Meeting management committee for the American Academy of Neurology. His academic work has been published in high impact medical journals and authoritative texts in neuroelectrophysiology, neurovirology, neuropathology, proteomics, telemedicine, and mobile health.

Board Certification:

American Board of Psychiatry and Neurology 9/25/2014 #58565

Current State Licensure:

State	Issue Date	Expiration Date	License Number
Alabama	09/29/2014	12/31/2018	MD.33747
Arkansas	11/26/2014	10/31/2018	E-8974
Arizona	01/07/2016	10/10/2018	50903
Connecticut	07/31/2015	10/31/2018	54466
Florida	05/10/2017	01/31/2019	ME132445
Georgia	05/03/2013	10/31/2018	69752
Iowa	03/05/2015	10/01/2018	MD-42422
Illinois	07/10/2015	07/31/2020	36138634
Indiana	06/23/2016	10/31/2019	01077151A
Kentucky	09/18/2014	03/01/2018	47414
Louisiana	01/28/2016	10/31/2018	301065
Massachusetts	05/11/2017	10/10/2019	265581
Maryland	10/01/2014	09/30/2018	D78535
Maine	09/16/2016	10/31/2018	MD20908
Michigan	02/04/2015	01/31/2019	4301106692
Missouri	07/20/2015	01/31/2018	2015025216
Mississippi	10/10/2014	06/30/2018	23493
North Carolina	06/23/2016	10/10/2018	2016-01453
New Hampshire	07/06/2016	06/30/2018	17673
New Mexico	08/30/2016	07/01/2020	TM2016-0680
Nevada	08/27/2014	06/30/2019	15499
New Jersey	03/30/2016	06/30/2019	25MA09854800
New York	08/24/2015	07/31/2018	281548
Ohio	08/22/2014	07/01/2019	35.124440
Oklahoma	06/30/2015	07/01/2018	31684
Rhode Island	07/30/2015	06/30/2018	MD15139
Tennessee	11/18/2015	10/31/2018	53331

State	Issue Date	Expiration Date	License Number
Utah	12/10/2015	01/31/2018	9624999-1205
Vermont	06/15/2016	11/30/2018	42.0013510
Virginia	10/24/2017	10/31/2018	101263537
Wisconsin	08/22/2014	10/31/2019	62823-20
West Virginia	09/08/2014	06/30/2018	26016

Education:

Undergraduate:

1994-98 Gustavus Adolphus College, St. Peter, Minnesota

Degree attained: B.A.

Major: Ecology

Minor: Philosophy

Graduate School:

2000-04 University of Nebraska Medical Center, Omaha, Nebraska

Degree Attained: Ph.D.

Ph.D. Thesis:

“A Neuroelectrophysiologic Study of Synaptic Dysfunction in a Murine Model of HIV-1 Encephalitis”,

Center for Neurovirology and Neurodegenerative Disorders (CNND),

University of Nebraska Medical Center (UNMC), Omaha, NE

Medical School:

2005-09 University of Nebraska Medical Center, Omaha, Nebraska

Degree Attained: M.D.

Post Graduate Training:

Internship:

2009-10 Internal Medicine/Transitional Year, Emory University, Atlanta, GA

Residency:

2010-13 Neurology, Emory University, Atlanta, GA

2012-13 Chief Resident in Neurology, Emory University, Atlanta, GA

Fellowship:

2013-2014 Clinical Neurophysiology Fellow – Epilepsy Focused, Emory University, Atlanta, GA

Professional Experience:

- 04/2018 Judge for Brainstorm: A Competition for the Innovator in All of Us at the American Academy of neurology 70th Annual meeting, April 21-27, 2018 Los Angeles, CA
Judged on stage and approved multiple submissions for the neurology based start-up competition
- 10/2017-04/2018 Emerging Leaders program, American Academy of Neurology
Selective leadership program that includes executive leadership education, Insights Discovery system, mentoring opportunities, and collaboration with peers
- 06/2016-Present Director of Telemedicine for Corticare Inc
Oversee teleconsultation workflow, physician hiring and management, and service line viability.
- 06/2016-Present Member of the Medical Advisory Board for Corticare Inc
Advise on clinical operations.
- 05/2016 Palatucci Advocacy Leadership Forum, American Academy of neurology
- 11/2015-Present TeleEEG for Corticare Inc
Provides continuous ICU EEG monitoring, as well as routine EEG interpretation.
- 02/2015-03/2018 Founder and Chief Medical Officer at Appitty.com
Appitty is a mobile health discovery tool and repository for physician crowd sourced reviews of medical apps.
- 08/2014-Present Mentor at NeuroLaunch.com start up accelerator
Subject matter expert on tele-EEG and telemedicine.
- 12/2013-Present Founder and owner of Intensive Neuromonitoring (INM) Inc
INM provides remote neuroelectrophysiology interpretation and remote consulting services to physician groups and hospitals.

- 12/2013-Present Teleneurologist and Tele-EEG subject matter expert at Specialists on Call.
Involved in the development of a nationwide tele-EEG network including the
optimizing physician and technical workflow.
- 08/2013-01/2015 Staff Neurologist at Tanner Medical Center, Carrollton, GA
Responsible for emergency and routine consults.
- 09/2012-11/2012 Kauffman Foundation Fast Trac Techventure accelerated business course for
Start-Ups.
- 05/2006-08/2006 Summer Research Internship
Center for Molecular Ophthalmology and Neuroscience
Bascom Palmer Eye Institute (BPEI), Miami, FL
Researched the proteomic identification of lens capsule proteins in pseudoexfoli-
ation. This work was presented at ARVO 2007 annual meeting.
- 05/2004-07/2005 Chief of Neuroproteomics
Adjunct Professor
Universidad de Puerto Rico Medical Sciences Campus
Area de NeuroSIDA, Proteomics Core Facility
Centro Medico, San Juan, Puerto Rico.
Administered the Neuroproteomics core facility, managed technical staff, and
provided educational and scientific support to graduate students working within
the NeuroAIDS center.

Formal Teaching:

“Alternative practice models: Telemedicine, Direct to Consumer, Direct Pay, Concierge, and Subscription Models” in the course “Starting a Practice From the Ground Up: A Guide for Early Career Neurologists” at the American Academy of neurology 70th Annual meeting, April 21-27, 2018 Los Angeles, CA

Course Director: “Cerebrovascular Disease IV: Telestroke” CME Course. American Academy of neurology 70th Annual meeting, April 21-27, 2018 Los Angeles, CA

Course Director: “Navigating the World of Mobile Health” CME Course. American Academy of Neurology 69th Annual Meeting, April 22-28th, 2017, Boston, MA

Medical Students

“Remote Care in Neurology” for pre-medical students during the “MD Summer Experience at Emory”, Emory School of Medicine, June 13th, 2016

“Telemedicine” for pre-medical students during the “MD Summer Experience at Emory”, Emory School of Medicine, June 2nd, 2014

”The Neurologic Exam” for the Third year Medical Students during the Neurology Clerkship, Emory School of Medicine, November 26 2012.

“Cross sectional anatomy of the Brain and Brainstem” Neuroanatomy lab teaching session for the Second year Medical Students Neuroscience I Course, Emory School of Medicine, September 2011.

Graduate Students

“Opportunities in mHealth” for the Appcology course. Dr. Benn Konsynski, course Director, Goizueta Business School, Emory University, November 5, 2012.

“Alzheimer’s Disease” for the Neuroscience Lecture Series for Neuroscience Graduate Students, Emory University School of Medicine, March 23, 2012.

“Neuroimmunology” for the Neurosciences lecture series for Neuroscience Graduate Students, Centro Medico, Puerto Rico, 2004-2005.

Medical Residents

“Evidence Based Medicine session #3” for the Evidence Based Medicine lecture Series for Neurology Residents, Emory University School of medicine, November 13th 2012.

“Psychogenic Manifestations of Neurologic Disease” for Psychiatry Residents, Emory University School of medicine, March 2012

“Introductory Neurology for Psychiatrists: Headache” for Psychiatry Residents, Emory University School of medicine, September 2011.

“Psychogenic Presentations of Neurologic Disease” for Psychiatry Residents, Emory University School of medicine, March 2011

Awards, Funding, & Scholarships:

Title: 2013 Fellows Program, American Epilepsy Society, Washington DC

Date: 12/5/2013 to 12/10/2013 \$750

Title: 2013 Best Senior Resident Clinician Award, Emory University

Date: 6/22/2013

Title: American Academy of Neurology's (AAN) 2012 Annual Meeting Resident Scholarship

Dates: 04/21/2012 to 04/28/2012 \$1,000

Title: Class of '63 Distinguished Scholarship

Dates: 06/27/2007 to 06/27/2008 \$6,229

Title: Arthur V. & Rubie Jessen Memorial Scholarship

Dates: 06/27/2007 to 06/27/2008 \$3,800

Title: Philip I. Mockett Memorial Scholarship for Student Leadership

Dates: 08/01/2003 to 05/01/2004 \$600

Title: Synaptic transmission in HIV-1 Associated Dementia

Type: 1 F31 NS 046233-01 NIH NINDS \$29,198

Dates: 09/01/2003 to 09/30/2004

Title: Neuronal Physiology and HIV-1 Associated Dementia

Type: 3 RO1 NS 41862-02S1 NIH NINDS \$30,217

Dates: 06/01/2002 to 05/31/2003

Committee Memberships

National:

2017- Present	Member, Meeting Management Committee, American Academy of Neurology
2016-12/2017	Vice Chair, Physician Electronic Health Record Coalition, Bipartisan Policy Center, Washington DC
2016-Present	Vice Chair, Practice Committee, American Academy of Neurology
2016	Member, Policy Practice and Ethics Workgroup, American Academy of Neurology
2015-12/2017	Executive Leadership Council, Physician Electronic Health Record Coalition, Bipartisan Policy Center, Washington DC
2015-Present	Member, Practice Committee, American Academy of neurology
2013-2017	Co-Chair, Telemedicine Work Group, American Academy of Neurology
2013-Present	Member, Practice Management & Technology Subcommittee, American Academy of Neurology
2013-12/2017	Member, Physician Electronic Health Record Coalition, Bipartisan Policy Center, Washington DC
2013-2015	Member, Neurology Program Review Committee, American College of Graduate Medical Education, Chicago, IL
2013-2015	Member, Council of Review Committee Residents, American College of Graduate Medical Education, Chicago, IL
2013-2015	Member, Communications and Information Technology Subcommittee, American College of Graduate Medical Education, Chicago, IL

Institutional:

2016-Present	Member, Medical Advisory Board, Corticare, Carlsbad, CA
2016-Present	Member, Practice Development Committee, Specialists on Call, Reston, VA
2016-Present	Chair, Quality Committee, Specialists on Call, Reston, VA
2015-Present	Member, Technical Advisory Committee, Specialists on Call, Reston, VA
2013-2014	Co-Chair, Technology Planning Committee, Brain Health Initiative, Emory University Healthcare
2012-2014	Member, Health Information Management Committee, Grady Memorial Hospital
2012-2014	Member, Top Quality Committee, Grady Memorial Hospital
2012-2014	Member, Neurology Resident Selection Committee, Emory University

2012-2013

Member, Chief Resident Council, Emory University School of Medicine

2012-2013

Member, Graduate Medical Education Committee, Emory University School of

Medicine

Professional Societies (past and present membership):

2017-Present Member of the Florida Medical Association
2017-Present Member of the Pinellas County Medical Association
2013-Present Member of the American Clinical Neurophysiology Society
2013-Present Member of the American Epilepsy Society
2012-Present Member of the American Telemedicine Association
2012-Present Member of the Neurohospitalist Society
2012-2013 Member of American Association of Neuromuscular & Electrodiagnostic Medicine
2010-Present Member of the American Academy of Neurology
2010 Member of the Society for General Internal Medicine
2007-2008 Member of the Association for Research in Vision and Ophthalmology.
2005-2009 Member of the American Psychiatric Association
2005-2009 Member of the American Academy of Family Physicians
2005-2009 Member of the American Medical Association
2004-2005 Member of the International Society for Neurovirology
2004-Present Member of the Society for Neuroscience
2003-2005 Member of the Neurotoxicity Society

Manuscript Reviewer

Neurology - Clinical practice

Publications:

Book chapters:

E.R. Anderson. “Reimbursement in Teleneurology” In the book Teleneurology in Practice: A Comprehensive Clinical Guide. Demaerschalk, Bart; Tsao, Jack (Eds.) 2015. ISBN: 978-1-4939-2349-6

E. R. Anderson. “Teleneurology in Contemporary Graduate Medical Education” In the book Teleneurology in Practice: A Comprehensive Clinical Guide. Demaerschalk, Bart; Tsao, Jack (Eds.) 2015. ISBN: 978-1-4939-2349-6

E. R. Anderson, H. Xiong, H.E. Gendelman. “Animal model systems of HIV-1 associated disease” In the book In vivo Models of HIV Disease and Control, Friedman, Herman; Specter, Steven; Bendinelli, Mauro (Eds.), 2006, XVIII ISBN: 0-387-25740-3

Howard E. Gendelman, **Eric Anderson**, Loyda Melendez, Jialin Zheng. Chemokines and their receptors and the neuropathogenesis of HIV-1 infection. In the book In vivo Models of HIV Disease and Control, Friedman, Herman; Specter, Steven; Bendinelli, Mauro (Eds.), 2006, XVIII ISBN: 0-387-25740-3

Eric Anderson, Lisa Ryan, Huangui Xiong, Susan Swindells, Jialin Zheng, and Howard E. Gendelman. (2004) Neural Immunity and HIV-1-Associated Dementia. In “Blood-Spinal Cord and Brain Barriers in Health and Disease” (Hari S. Sharma and Jan Westman eds.) pp.547-559, Elsevier Inc.

Reviews:

Eric Anderson, Walter Zink, Huangui Xiong and Howard E. Gendelman, HIV-1-Associated Dementia: A Metabolic Encephalopathy Perpetrated by Virus-Infected and Immune Competent Mononuclear Phagocytes, *JAIDS Journal of Acquired Immune Deficiency Syndromes* 2002; 31:S43-S54

Research papers:

R Govindarajan, **ER Anderson, et al.** Developing an Outline for Teleneurology Curriculum. AAN Telemedicine Work Group Recommendations. *Neurology* Published online before print August 2, 2017

ER Anderson, JG Glass, JG Greene. A 61 year old woman with progressive weakness and rash. *The Neurohospitalist*. April 2012 2: 62-65

ER Anderson, B Smith, I Moges, M Frankel. Remote Assessment of Stroke using the iphone 4. *J Stroke Cerebrovasc Dis.* ePub 2011 Oct 21

Livorsi D, **Anderson E**, Qureshi S, Howard M, Wang YF, Franco-Paredes C. Brainstem encephalitis: an unusual presentation of herpes simplex virus infection. *J Neurol* 2010 Sep;257(9)1432-7 ePub 2010 May 22

Laspiur JP, **Anderson ER**, Ciborowski P, Wojna V, Rozek W, Duan F, Mayo R, Rodríguez E, Plaud-Valentín M, Rodríguez-Orengo J, Gendelman HE, Meléndez LM. CSF proteomic fingerprints for HIV-associated cognitive impairment. *J. Neuroimmunol.* 2007 Oct 18.

Nelson, J.A., Dou, H., Boska, M., Ellison, B. Uberti, M., Xiong, H., **Anderson, E.R.**, Mellon, M., Gelbard, H.A. and Gendelman, H.E. Co-registration of quantitative proton magnetic resonance spectroscopic imaging with neuropathological and neurophysiological analyses defines the extent of neuronal impairments in murine HIV-1 encephalitis. *J. Neurosci. Res.* 2005, May; 80(4):562-75

H. Xiong, L. McCabe, J. Castello, **E. Anderson**, G. Weber, T. Ikezu. Activation of NR1a/NR2B receptors by soluble factors from APP-stimulated monocyte-derived macrophages: Implications for the pathogenesis of Alzheimer's Disease. *Neurobiol Aging.* 2004, Aug; 25(7):905-11.

E.R. Anderson, H.E. Gendelman, H. Xiong. Memantine Protects Hippocampal Neuronal Function in Murine Human Immunodeficiency Virus Type 1 Encephalitis. *J. Neurosci.* 2004, 24(32):7194-7198.

E. R. Anderson, J. Boyle, W. E. Zink, Y. Persidsky, H. E. Gendelman, H. Xiong. Hippocampal synaptic dysfunction in a murine model of human immunodeficiency virus type 1 encephalitis. *Neuroscience*. 2003, 118:359-369.

M. Rendell, **E. Anderson**, W. Schlueter, J. Mailliard, D. Honigs, R. Rosenthal. Determination of hemoglobin levels in the finger using near infrared spectroscopy. *Clin Lab Haematol*. 2003, Apr;25(2): 93-7.

Walter E. Zink, **Eric Anderson**, Jeffrey Boyle, Lynette Hock, Jorge Rodriguez-Sierra, Huangui Xiong, Howard E. Gendelman, and Yuri Persidsky. Impaired Spatial Cognition and Synaptic Potentiation in a Murine Model of Human Immunodeficiency Virus Type 1 Encephalitis. *J. Neurosci*. 2002, 22: 2096-2105

Selected Invited Speaking Engagements, Presentations, and Abstracts:

E.R. Anderson. Ask Me Anything about remote care. American Academy of neurology 70th Annual meeting, April 21-27, 2018 Los Angeles, CA (Stage Talk)

E.R. Anderson. A Guide to Teleneurology: Use It In Your Practice. American Academy of Neurology. Aug 1, 2017. (Webinar)

E.R. Anderson. Beyond Telestroke. American Academy of Neurology 69th Annual Meeting, April 22-28th, 2017, Boston, MA (Oral presentation).

E.R. Anderson. Navigating Your Career, Choosing Telemedicine as a Career. American Academy of Neurology 69th Annual Meeting, April 22-28th, 2017, Boston, MA (Oral presentation).

E.R. Anderson. Navigating the World of Mobile health. American Academy of Neurology 69th Annual Meeting, April 22-28th, 2017, Boston, MA (Oral presentation).

E.R. Anderson. The Future of Teleneurology. Northwest Regional Telehealth Resources Center, annual meeting: Next Generation Healthcare: Optimizing your Telehealth Programs. April 10-12, 2017, Seattle, WA (Oral presentation).

E.R. Anderson. Don't just phone it in: A guide to teleneurology. American Academy of Neurology. Oct 11, 2016. (Webinar)

E.R Anderson. Telemedicine in Neurology Physicians Electronic Health Record Coalition, June, 20, 2016 (Oral Presentation)

E.R. Anderson. Plenary Speaker - Industry Perspective, American Telemedicine Association, May 14-17, Minneapolis, MN, 2016 (Oral Presentation)

E.R Anderson. Navigating the World of Mobile Health. American Academy of Neurology 68th Annual Meeting, April 15-21st, 2016, Vancouver, Canada (Oral Presentation)

E.R Anderson. Teleneurology as a career. American Academy of Neurology 68th Annual Meeting, April 15-21st, 2016, Vancouver, Canada (Oral Presentation)

E.R Anderson. Telemovement Demonstration. American Academy of Neurology 68th Annual Meeting, April 15-21st, 2016, Vancouver, Canada (Oral Presentation)

J. Hatcher-Martin, **E.R. Anderson**, S. Factor. Patient Acceptance and Potential Cost-Savings of Teleneurology in an Academic Outpatient Movement Disorders Practice. American Academy of Neurology 68th Annual Meeting, April 15-21st, 2016, Vancouver, Canada (Poster)

E.R Anderson, D. Evans. Teleneurology in Practice. American Academy of Neurology Fall conference, October 15-18, 2015 (Oral Presentation)

E.R. Anderson. Teleneurology: Putting it work for you. American Academy of Neurology. May 26, 2015. (Webinar)

E.R. Anderson. Teleneurology Business Models. American Academy of Neurology 67th Annual meeting, April 18-25, 2015, Washington DC. (Oral Presentation)

E.R. Anderson. Using Teleneurology and Mobile Health in Practice. American Academy of Neurology 67th Annual meeting, April 18-25, 2015, Washington DC.. (Oral Presentation)

E.R. Anderson. Advances in Telemedicine and Mobile Health. American Academy of Neurology 66th Annual meeting, April 26 - May 3, 2014, Philadelphia, PA. (Oral Presentation)

E.R. Anderson. Legal implications for the Teleneurologist. American Academy of Neurology 66th Annual meeting, April 26 - May 3, 2014, Philadelphia, PA. (Oral Presentation)

E.R. Anderson. Coding and Reimbursement in Teleneurology. American Academy of Neurology 66th Annual meeting, April 26 - May 3, 2014, Philadelphia, PA. (Oral Presentation)

E.R. Anderson. Teleneurology and mNeurology. Texas Neurological Society 17th Annual Winter conference, February 28 - March 2, 2014, Austin, TX. (Oral Presentation)

E.R. Anderson. mNeurology: the Future of Teleneurology. Resident Research Day, Emory University School of Medicine. Atlanta, GA on June 21st, 2013. (Oral Presentation)

E.R. Anderson, G. Esper. Neurology Resident Use of Mobile Health. Fourth Annual "Science of GME" Projects Day, Graduate Medical Education, Emory University School of Medicine. Atlanta, GA on June 4, 2013.(Poster)

E.R. Anderson, G. Esper. mNeurology: Shaping the Future of Patient Care. American Academy of Neurology 65th Annual Meeting, March 16 - 23, 2013, San Diego, CA. (Poster)

E.R. Anderson, B. Smith, M. ido, M. Frankel. Remote Assessment of Stroke Using the iPhone 4. Third Annual "Science of GME" Projects Day, Graduate Medical Education, Emory University School of Medicine. Atlanta, GA on June 7, 2012. (Poster)

E.R. Anderson, B. Smith, M. ido, M. Frankel. Remote Assessment of Stroke Using the iPhone 4. American Academy of Neurology 64th Annual Meeting, April 21 - 28, 2012, New Orleans, LA. (Poster) Selected and showcased during the oral presentation *Highlights of the Field* on April 25th, 2012

E.R. Anderson, G. Esper. A Systematic Review of Teleneurology. American Academy of Neurology 64th Annual Meeting, April 21 - 28, 2012, New Orleans, LA. (Poster) Selected and showcased during the oral presentation *Highlights of the Field* on April 25th, 2012

J. Davis, J. Winkler, W. Holland, A. Smith, **E.R. Anderson**, L.E. Butterfield, B. Bradley, K. J. Ressler, and T. Jovanovic. Heart-rate and Heart-rate Variability are Associated with Symptoms of PTSD in Children of Traumatized Mothers. Anxiety Disorders Association of America, 32nd Annual Conference, April 12 - 15, 2012, Arlington, VA (Poster)

E.R. Anderson. Not to be Underestimated: Propionibacterium Acnes Prosthetic Valve Endocarditis. Southern Society for General Internal Medicine. Feb 25 - 27, 2010, New Orleans, LA. (Selected Oral Presentation)

E.R. Anderson, T.Lee, S.K. Battacharya, R.K. Lee. Proteomic Identification of Lens Capsule Proteins in Pseudoexfoliation. The Aging Eye, ARVO 2007 Annual Meeting, May 6 - 10, 2007, Ft. Lauderdale, FL. (Poster)

E. R. Anderson, P. Ciborowski, H. E. Gendelman, V. Wojna, J. Anderson, M. Plaud, E. Rodriguez, J. Rodriguez-Orengo, E. Kraiselburd, L. Melendez. Proteomic Analysis of Pre-Fractionated Cerebrospinal Fluid from a Cohort of HIV-1 Infected Hispanic Women. 5th Annual Specialized Neuroscience Research Programs Conference, June 1 - 6, 2005, Adelphi, MD. (Oral Presentation)

D.M. Toro Nieves, **E. Anderson**, M. Plaud, E. Rodríguez, V. Wojna, P. Ciborowski, H. Gendelman, L.M. Meléndez-Guerrero Effect of HIV-1 Primary Isolates on Macrophage Proteome and Neurovirulence from Hispanic women with Cognitive Impairment. 12th Conference of Retroviruses and Opportunistic infections, Feb 22 - 25, 2005, Boston, MA. (Poster)

D.M. Toro Nieves, **E. Anderson**, M. Plaud, E. Rodriguez, V. Wonja, P. Ciborowski, H. Gendelman, L.M. Melendez-Guerrero. HIV primary isolates and monocyte proteome in women with cognitive impairment. 13th Annual Puerto Rico Neuroscience Conference, December 3 - 4, 2004, UPR Rio Piedras campus, Puerto Rico. (Poster)

E.R. Anderson, P. Ciborowski, H.E. Gendelman, V. Wonja, J. Anderson, M. Plaud, E. Rodriguez, E. Kraiselburd, and L. Melendez. Macrophage Proteome: Links to HIV-1 Disease Progression and Cognitive Impairment in a Cohort of Infected Hispanic Women. 13th Annual Puerto Rico Neuroscience Conference, December 3 - 4, 2004, UPR Rio Piedras campus, Puerto Rico. (Poster)

E. R. Anderson, H. E. Gendelman, H. Xiong. Mementine diminishes deficits in synaptic transmission and long-term potentiation in hippocampal slices from SCID mice with HIV-1 encephalitis. Sixth International Brain Research Organization World Congress of Neuroscience, July 10 - 15, 2003, Prague, Czech Republic. (Poster)

E.R. Anderson, J.Boyle, Y. Persidsky, H.E. Gendelman, H. Xiong, Hippocampal Synaptic Dysfunction in Murine HIV-1 Encephalitis. NINDS Career Development Workshop March 31st – April 1st 2003 in Washington D.C. (Poster)

E.R. Anderson. Altered Synaptic Transmission and Plasticity in HIV-1 SCID Mice: An Electrophysiologic Basis for Neuronal Impairment Induced by HIV-1 Infected Macrophage Secretory Products. Invited Speaker January 22, 2003, Centro Medico, San Juan, Puerto Rico. (Oral Presentation)

E. R. Anderson, J. Boyle, Y. Persidsky, H.E. Gendelman, H. Xiong, SCID mice with HIV-1 Encephalitis show deficits in hippocampal synaptic transmission and long-term potentiation. Society for Neuroscience 31st annual meeting Fall 2001, San Diego, CA (Poster)

E. R. Anderson, W. E. Zink, J. Boyle, J. Rodriguez-Sierra, Y. Persidsky, H.E. Gendelman, H. Xiong, (2001) Linking Neuronal Physiology and Behavior Changes During HIV-1 Encephalitis in SCID mice. Midwest Student Biomedical Research Forum. Omaha, NE. (Poster)