

CURRICULUM VITAE

Name: Geoffrey Lawrence Ahern

Work Address: Department of Neurology
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Education:

1976 B.A. State University of New York, Purchase, New York
Psychology (Honors)
1978 M.S. Yale University, New Haven, Connecticut
Psychology
1981 Ph.D. Yale University, New Haven, Connecticut
Dissertation Title: *Differential Lateralization for Positive and Negative Emotion in the Human Brain: EEG Spectral Analysis*
1984 M.D. Yale University, New Haven, Connecticut

Postdoctoral Training:

1984-1985 Intern in Medicine, Waterbury Hospital Health Center, Waterbury, Connecticut
1985-1988 Resident in Neurology, Boston University Affiliated Hospitals Program in Neurology, Boston, Massachusetts
1988-1990 Fellow in Behavioral Neurology, Beth Israel Hospital, Boston, Massachusetts

Licensure and Certification:

1982/4/5 National Boards Parts I, II, and III Passed
1987- Massachusetts Medical License - #56266
1990- Arizona Medical License - #19567
1992 Certified in Neurology by the American Board of Psychiatry and Neurology - #35698
2006 Certified in Behavioral Neurology & Neuropsychiatry by the United Council for Neurologic Subspecialties - #BNPP00202-06

Academic Appointments:

1985-1988 Teaching Fellow, Department of Neurology, Boston University School of Medicine, Boston, Massachusetts
1988-1990 Instructor, Department of Neurology, Harvard Medical School, Boston, Massachusetts
1990-1996 Assistant Professor of Neurology and Psychology, University of Arizona, Tucson, Arizona
1996-1999 Associate Professor of Neurology and Psychology, University of Arizona, Tucson, Arizona
1999-2002 Associate Professor of Neurology, Psychology, and Psychiatry, University of Arizona, Tucson, Arizona
2002- Professor of Neurology, Psychology, and Psychiatry, University of Arizona, Tucson, Arizona
2007- Professor, Evelyn F. McKnight Brain Institute, University of Arizona, Tucson, Arizona
2007- Bruce and Lorraine G. Cumming Endowed Chair in Alzheimer's Research

Hospital Appointments:

1988-1990	Beth Israel Hospital, Boston, Massachusetts
1990-	University Medical Center, Tucson, Arizona
1990-	University Physicians, Inc / University Physicians Healthcare, Tucson, Arizona
1991-1996	Rehab Institute of Tucson and Tucson Medical Center, Tucson, Arizona
1995-	Associate Affiliate Physician, Children's Clinics for Rehabilitative Services, Tucson, Arizona
2005-	University Physicians Healthcare Hospital, Tucson, Arizona

Other Professional Positions:

1977-1980	Director, Human Psychophysiology Laboratory, Yale University, New Haven, Connecticut
1990-	Director, Neurobehavioral Laboratory, University of Arizona, Tucson, Arizona
1990-1996	Medical Director, Behavioral Neurology Unit, University of Arizona, Tucson, Arizona
1996-	Director, Behavioral Neuroscience & Alzheimer's Clinic, University of Arizona, Tucson, Arizona

Awards and Honors:

1972-1976	Regents Scholarship, State University of New York
1976-1980	Fellowship, Yale University, New Haven, Connecticut
1991-1992	Department Winner, UMC MIS Proficient Medical Record Completion Award
1992-1993	Department Winner, UMC MIS Proficient Medical Record Completion Award
1993-1994	First recipient, Training Director's Award for Outstanding Contribution to the Psychology Internship, Department of Psychiatry
1994	Cited in S Naifeh and GW Smith (eds.), <i>The Best Doctors in America, 2nd Edition</i> , Woodward/White, 1994-1995
1994-1995	Teacher of the Year Award, Department of Neurology Residency Training Program
1995-	Cited in Marquis <i>Who's Who in the West, 25th (1996-1997) - 27th (2000-2001) Editions</i>
1996-	Cited in Marquis <i>Who's Who in Medicine and Healthcare, 1st (1997-1998) - 8th (2011-2012) Editions</i>
1996-	Cited in Marquis <i>Who's Who in the World, 14th (1997) - 26th (2009) Editions</i>
1996	Cited in S Naifeh and GW Smith (eds.), <i>The Best Doctors in America, Pacific Region</i> , Woodward/White, 1996-1997
1996-	Cited in Marquis <i>Who's Who in Science and Engineering, 4th (1998) - 9th (2007) Editions</i>
1997-	Cited in Marquis <i>Who's Who in America, 52nd (1998) - 63rd (2009) Editions</i>
1997-	Cited in Marquis/Elsevier <i>The Official ABMS Directory of Board Certified Medical Specialists, 30th (1998) - 40th (2008) Editions</i>
1998	Cited in S Naifeh and GW Smith (eds.), <i>The Best Doctors in America, 4th Edition</i> , Woodward/White, 1998-1999
1998-1999	Educator of the Year Award, Department of Neurology Residency Training Program
2000-2001	Senior Residents' Award for Excellence in Psychiatric Education, Department of Psychiatry Residency Training Program
2001-2002	Training Director's Award for Outstanding Contribution to the Psychology Internship, Department of Psychiatry
2003	Cited in S Naifeh and GW Smith (eds.), <i>The Best Doctors in America, 2003-2004</i>
2005	Cited in S Naifeh and GW Smith (eds.), <i>The Best Doctors in America, 2005-2006</i>
2007	Cited in S Naifeh and GW Smith (eds.), <i>The Best Doctors in America, 2007-2008</i>
2007	Peer Review Circle of Honor Award, <i>Journal of Clinical Psychiatry</i>
2009	Cited in S Naifeh and GW Smith (eds.), <i>The Best Doctors in America, 2009-2010</i>
2010	Cited in S Naifeh and GW Smith (eds.), <i>The Best Doctors in America, 2011-2012</i>
2013	Cited in S Naifeh and GW Smith (eds.), <i>The Best Doctors in America, 2013</i>

Professional Societies:

1978-1980	Society for Psychophysiological Research
1986-1990	American Medical Association
1987-	American Academy of Neurology

1988-1991	Massachusetts Medical Society
1996-2007	International Neuropsychological Society
1997-	American Neurological Association
1998-2009	Behavioral Neurology Society

Service Activities:

University

1990-	Member, Committee on Neuroscience
2006-	Scientific Advisory Panel, McKnight Brain Institute
2011-	Member, Clinical Research Task Force

College of Medicine

1991	Medical school applicant interviewer
1993	Committee Member, Review of Neurology Department Head
1994	Committee Member, Review of Psychiatry Department Head
1997	Committee Member, Neurology Clerkship Review Committee
2000	Committee Chairman, Review of Psychiatry Department Head
2000-2005	Member, Dean's Research Council
2000-	Member, Dean's Research Council Space Committee
2001	Committee Member, Review of Neurology Department Head
2001	Committee Member, Review of Neurology Department
2005-2006	Member, Clinical Research Advisory Committee
2008	Committee Member, Review of Neurology Department Head
2008	Committee Member, Review of Neurology Department

Department of Neurology

1993-1995	Continuous Improvement Plan Liaison
1995-1996	Neurology / Neurosurgery Team Committee
1995-2002	Director, Morbidity & Mortality Conference
1996-	Member, Residency Education Committee
1996-2000	Web Master, Department Web Site
1997-2006	Member, Promotion & Tenure Committee
2004-	Chairman, Clinical Research Review Committee
2004-	Medical Director, Neurology Clinical Research Center
2006-	Chairman, Promotion & Tenure Committee
2007-	Member, Department Space Committee
2007-	Director, Behavioral Neurology & Neuropsychiatry Fellowship (UCNS)
2009-	Director, Morbidity & Mortality Conference

Department of Psychiatry

2002-	Department Promotion & Tenure Committee
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University Medical Center / University Physicians

1992-1993	InfoCare Committee (charged with selecting new hospital computer)
1993-1999	Committee member, UMC Medical Staff Appeals Committee
1994-1995	PET Scanner Steering Committee
1997	Re-Engineering Committee (Keystone Project)
1999-2001	UPI Credentials Committee (alternate)
2007-2009	UPHK Neuropsychiatry Institute Committee

Extramural

1979-1985	Reviewer for <i>Psychophysiology</i>
1990-	Reviewer for <i>Archives of Internal Medicine</i>
1990-	Reviewer for <i>The Journal of Clinical Psychiatry</i>

1990-	Reviewer for <i>Neuropsychiatry, Neuropsychology, and Behavioral Neurology</i>
1993-2009	Editorial Board, <i>The Journal of Clinical Psychiatry</i>
1994-	Reviewer for <i>Neurology</i>
1994-	Reviewer for <i>Mayo Clinic Proceedings</i>
1998-	Reviewer for <i>Archives of Neurology</i>
2000-	Reviewer for <i>Journal of the International Neuropsychological Association</i>
2001-	Reviewer for <i>Stroke</i>
2001-	Reviewer for <i>Behavioral and Brain Sciences</i>
2002-	Reviewer for <i>The Journal of Alzheimer's Disease</i>
2004-	Reviewer for <i>Epilepsia</i>
2004-	Reviewer for <i>The Journal of Cognitive Neuroscience</i>
2002-	Member, Arizona Alzheimer's Research Center (AARC) / Arizona Alzheimer's Disease Core Center (ADCC) Medical & Scientific Advisory Committee
2004-	Member, Medical & Scientific Advisory Committee, Alzheimer's Association – Desert Southwest Chapter
2009-	Reviewer for <i>NeuroImage</i>

Teaching:

Harvard Medical School/Beth Israel Hospital

1988-1990	Taught medical students, residents, and fellows rotating through Behavioral Neurology Unit. Also taught Psychiatry residents and gave lectures at Cambridge Hospital and Metropolitan State Hospital.
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University of Arizona

Medical Student/Resident Teaching

1990-1994	Teaching medical students and Neurology residents in Neurology Outpatient Clinic.
1990-	Teaching medical students and Neurology residents on Ward and Consult services.
1994-1995	Neurology Residency Basic Science Lecture Series Coordinator & Teacher (<i>Neuroanatomy, Behavioral Neurology, Psychopharmacology, Psychiatry</i>)
1994-1995	Neurology Advisor for medical student Erik Perkins
1996	<i>Neurology for Psychiatrists</i> course for PGY 3 & 4 Psychiatry residents
1996-1997	Neurology Residency Basic Science Lecture Series Coordinator & Teacher (<i>Neuroanatomy</i>)
1998	Neurology Residency Basic Science Lecture Series Coordinator & Teacher (<i>Neurophysiology</i>)
1999	<i>Neurology for Psychiatrists</i> course for PGY 3 & 4 Psychiatry residents
2001	<i>Neurology for Psychiatrists</i> course for PGY 3 & 4 Psychiatry residents
2001-2002	Neurology Residency Lecture Series Coordinator & Teacher (<i>Behavioral Neurology</i>)
2003	<i>Neurology for Psychiatrists</i> course for PGY 3 & 4 Psychiatry residents
2005	<i>Neurology for Psychiatrists</i> course for PGY 3 & 4 Psychiatry residents
2007	<i>Neurology for Psychiatrists</i> course for PGY 3 & 4 Psychiatry residents

Graduate Students

1990-1991	Doctoral dissertation committee member: Paula Carson, <i>Head Injury Survivorship: The Family Experience</i> , School of Nursing.
1990-1993	Doctoral dissertation committee member: Lynn Turkstra, <i>Autonomic Indices of Preserved Awareness in Persistent Vegetative State</i> , Dept. of Speech and Hearing Sciences.
1992-1994	Doctoral Dissertation technical consultant: Patricia Dalby, <i>Facial EMG and the Subjective Experience of Emotion in Idiopathic Parkinson's Disease</i> , Dept. Psychology.
1992-1995	Doctoral dissertation committee member: Mary Newman, <i>Spatial Memory and Healthy Aging: A Neurobiological Perspective</i> , Dept. of Psychology.
1994-1997	Doctoral dissertation committee member: Gina Christenson, <i>Psychophysiological Correlates of Emotion Processing in Alzheimer's Disease</i> , Dept. of Psychology.
1994-1998	Doctoral dissertation committee member: David Schnyer, <i>A Psychophysiological Examination of Memory Dysfunction and Disrupted Cortical Processing in Alzheimer's Dementia</i> , Dept. of Psychology.

- 1996-1998 Doctoral dissertation committee member: Berta Leis, *Cognitive Motor Function in Parkinson's Disease*, School of Nursing.
- 1997-1998 Doctoral dissertation committee member: Ken Baker, *Long Latency Event-Related Potentials After Mild Traumatic Brain Injury*, Dept. of Speech and Hearing Sciences.
- 1994-1999 Doctoral dissertation committee member: Dr. Richard Lane, *Functional Neuroanatomy of Pleasant and Unpleasant Emotion*, Dept. of Psychology.
- 1996-1999 Doctoral dissertation committee member: Stephanie Reid, *The Experience of Emotion in Parkinson's Disease and Normal Aging: Assessing the Roles of Facial Expressiveness and Cognitive Functioning*, Dept. of Psychology.
- 1998-2000 Doctoral dissertation committee member: David Hermosillo, *Bilingual Memory: A Subject Trait or a Task Dimension*, Dept. of Psychology.
- 1997-2000 Doctoral dissertation committee member: Justin Cetas, *Neuronal Architecture and Functional Organization of the Rabbit Auditory Thalamus*, Dept. of Anatomy.
- 1997-2001 Doctoral dissertation committee member: Sheryl Reminger, *Neuropsychological Correlates of Temporal Lobe Epilepsy*, Dept. of Psychology.
- 1999-2003 Doctoral dissertation committee member: Keith Burton, *Emotional Experience, Facial Expression, and Startle Reflex Modulation in Young Adults, Healthy Older Adults, and Alzheimer's Disease*, Dept. of Psychology.
- 1999-2003 Doctoral dissertation committee member: Ziya Dikman, *Psychophysiological Responses to Affective Stimuli in High, Moderate, and Low Socialized Students*, Dept. of Psychology.
- Other
- 1990- Teaching medical and graduate students, residents, and fellows in weekly Behavioral Neurology / Memory Disorders Clinic Rounds.
- 1991- Co-director, Behavioral Neurology/Higher Cortical Functions (815b) elective.
- 1991-1994 Co-director, Cognitive and Clinical Neurosciences Lecture Series (held monthly).
- 1997- Co-director, Behavioral Neuroscience and Alzheimer's Disease Fellowship.

References:

1. Bruce M. Coull, M.D., Professor of Neurology and Associate Dean for Clinical Affairs, University of Arizona
2. Alfred W. Kaszniak, Ph.D., Professor, Department of Psychology, University of Arizona
3. David M. Labiner, M.D., Professor and Head, Department of Neurology, University of Arizona
4. M. Marsel Mesulam, M.D., Dunbar Professor of Neurology and Psychiatry, Northwestern University Medical School
5. Alan B. Rubens, M.D., Professor of Neurology, University of Arizona
6. William A. Sibley, M.D., Professor of Neurology, University of Arizona

Research Interests:

Behavioral Neurology / Wada Test / Cerebral Lateralization / Psychophysiology / Alzheimer's Disease / Dementia

Grants and Contracts:

Research Grants as Principal (or co-Principal) Investigator:

- 1990 *Non-Conscious Autonomic Memory*. Biomedical Research Support Grant. University of Arizona College of Medicine. \$6,000. 0% salary support, 100% effort.
- 1991-1993 *Category VI: Vascular Dementia*. Master Agreement for Cerebrovascular Research; MAA/RFP No. NIH-NINCDS-88-13. NINCDS. (PI: W Feinberg, MD).
- 1992 *A Preliminary, Multicenter, Randomized, Double-Blind, Placebo-Controlled Evaluation of the Safety and Efficacy of E2020 in Patients with Alzheimer's Disease*, Protocol #E2020-A001-201. Eisai America, Inc. Total grant: \$59,246. 14% salary support, 15% effort. (Co-PI: A. Rubens, MD).
- 1992-1995 *An Open-Label, Multicenter, Extended Evaluation of the Safety and Efficacy of E2020 in Patients with Alzheimer's Disease*, Protocol #E2020-A001-202. Eisai America, Inc. Total Grant: \$32,289. 10% salary support, 15% effort. (Co-PI: A. Rubens, MD).

- 1993-1995 *A Double-Blind, Placebo-Controlled, Parallel-Group Dose-Range Finding Study of Lazabemide in Patients With Alzheimer's Disease*, Protocol #N3705. Hoffmann-La Roche Pharmaceuticals. Total grant: \$211,844. 28% salary support, 30% effort. (Co-PI: A. Kaszniak, PhD).
- 1994-1995 *An Open-Label Treatment Extension Study of Lazabemide in Patients With Alzheimer's Disease Completing Protocol #N3705*, Protocol #NZ14648. Hoffmann-La Roche Pharmaceuticals. Total Grant: \$26,212. 28% salary support, 30% effort. (Co-PI: A. Kaszniak, PhD).
- 1995-1998 *Cognitive Neuroscience Training Grant*. McDonnell-Pew Foundation. Total Grant: \$1,000,000. 0% salary support, 5% effort. (PI: Merrill Garrett, PhD).
- 1995-1997 *A Multicenter, Open-Label Study of the Safety and Tolerability of Metrifonate (BAY A 9826) in Patients With Probable Alzheimer's Disease. The Extension to Protocol D93-029*, Protocol #X93-029. Bayer Pharmaceuticals. Total grant: \$294,362. 10% salary support, 10% effort.
- 1995-1998 *A Multicenter, Open-Label Study of the Safety and Tolerability of Metrifonate (BAY A 9826) in Patients with Probable Alzheimer's Disease. The Extension to Protocol X93-029*. PROTOCOL #Y93-029. Bayer Pharmaceuticals. Total grant: \$207,675. 25% salary support, 25% effort.
- 1995-1996 *A Double-Blind, Placebo-Controlled, Multicenter Pilot Study to Evaluate the Safety and Tolerability of Metrifonate (BAY A 9826) in Patients with Probable Alzheimer's Disease*. Protocol #D94-029. Bayer Pharmaceuticals. Total Grant: \$133,425. 10% salary support, 10% effort. (Co-PI: A. Rubens, MD).
- 1995-1997 *A Double-Blind, Placebo-Controlled Trial to Evaluate the Safety and Efficacy of Metrifonate (BAY A 9826) in Patients with Probable Alzheimer's Disease*. Protocol #D95-018-04. Bayer Pharmaceuticals. Total grant: \$ 238,518. 10% salary support, 10% effort.
- 1996-1997 *A Multicenter, Open-Label Study of the Safety and Tolerability of Metrifonate (BAY A 9826) in Patients with Probable Alzheimer's Disease*. Protocol #X95-018. Bayer Pharmaceuticals. Total grant: \$113,544. 10% salary support, 10% effort.
- 1996-1997 *A 52-week, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multicenter Study of Milameline (CI-979/RU 35926) in Patients with Probable Alzheimer's Disease with Long-Term Open-Label Extension*. Protocol CI 979-15. Parke-Davis Pharmaceuticals. Total grant: \$129,660. 10% salary support, 10% effort.
- 1996-1997 *A Double-Blind, Placebo-Controlled Trial to Evaluate the Safety and Efficacy of a Fixed Dose Metrifonate (BAY A 9826) Tablet in Patients with Probable Alzheimer's Disease*. Protocol #D96-010-10. Bayer Pharmaceuticals. Total grant: \$ 141,192. 10% salary support, 10% effort.
- 1996 -1998 *A Multicenter, Open-Label Study of the Safety and Tolerability of Metrifonate (BAY A 9826) in Patients with Probable Alzheimer's Disease. The Extension of Protocols D96-010/METD02 and D96-038*. Protocol #X96-010. Bayer Pharmaceuticals. Total grant: \$ 72,000. 10% salary support, 10% effort.
- 1996-1998 *Long-Term Treatment with Metrifonate (BAY A 9826) in Patients with Probable Alzheimer's Disease*. Protocol #U96-001. Bayer Pharmaceuticals. Total grant: \$173,550. 10% salary support, 10% effort.
- 1998-2000 *A Multicenter, Placebo-Controlled Trial of Melatonin for Sleep Disturbance in Alzheimer's Disease*. Protocol #ADCS 007, National Institute of Aging # 5 U01 AG10483 - Alzheimer's Disease Cooperative Study. Total grant: \$9,000 / patient. 10% salary support, 10% effort.
- 1998-2000 *Placebo-Controlled Evaluation of Galantamine in the Treatment of Alzheimer's Disease: Safety and Efficacy Under a Slow-Titration Regimen*. Protocol # GAL-USA-10, Janssen Pharmaceuticals. Total grant: \$13,100 / patient. 10% salary support, 10% effort.
- 1999 -2003 *A Randomized, Double-Blind, Placebo-Controlled Trial to Evaluate the Safety and Efficacy of Vitamin E and Donepezil HCl (Aricept) to Delay Clinical Progression from Mild Cognitive Impairment (MCI) to Alzheimer's Disease (AD)*. National Institute on Aging # 5 U01 AG10483 - Alzheimer's Disease Cooperative Study. Total grant: \$9,000 / patient. 10% salary support, 10% effort.

- 1999-2000 *Olanzapine Versus Risperidone and Placebo in the Treatment of Psychosis and Associated Behavioral Disturbances in Patients with Dementia*. Protocol #F1D-MC-HGGU, Lilly Pharmaceuticals. Total grant: \$12,000 / patient. 10% salary support, 10% effort.
- 1999-2000 *Safety and Efficacy of Galantamine During Withdrawal in the Treatment of Alzheimer's Disease*. Protocol # GAL-USA-11, Janssen Pharmaceuticals. Total grant: \$13,100 / patient. 10% salary support, 10% effort.
- 1999-2000 *Long-term Safety of Galantamine in the Treatment of Alzheimer's Disease*. Protocol # GAL-USA-12, Janssen Pharmaceuticals. Total grant: \$13,100 / patient. 10% salary support, 10% effort.
- 1999-2000 *A Multicenter Trial of Rofecoxib and Naproxen in Alzheimer's Disease (AD)*. National Institute on Aging # 011 - Alzheimer's Disease Cooperative Study. Total grant: \$9,000 / patient. 10% salary support, 10% effort.
- 2000-2001 *Open-Label use of Synthetic Galantamine in the Treatment of Alzheimer's Disease*. Protocol # GAL-USA-18, Janssen Pharmaceuticals. Total grant: \$1,500 / patient. 10% salary support, 10% effort.
- 2001-2006 *Alzheimer's Disease Core Center – UAHSC Clinical Core*. Protocol # P30 AG19610-01, National Institute on Aging. Total grant: \$51,686 / year; Ahern - \$15,755 / year; 10% salary support, 10% effort. (overall PI: E. Reiman, MD).
- 2002-2005 *Treatment of Agitation/Psychosis in Dementia/Parkinsonism (TAP/DAP)*. National Institute on Aging - Alzheimer's Disease Cooperative Study. Total grant: \$9,000 / patient. 5% salary support, 5% effort.
- 2002-2006 *A Multi-Center, Randomized, Double-Blind, Placebo-Controlled Trial of Simvastatin to Slow the Progression of Alzheimer's Disease*. National Institute on Aging - Alzheimer's Disease Cooperative Study. Total grant: \$10,500 / patient. 5% salary support, 5% effort.
- 2002-2005 *High Dose Supplements to Reduce Homocysteine and Slow the Rate of Cognitive Decline in Alzheimer's Disease*. National Institute on Aging - Alzheimer's Disease Cooperative Study. Total grant: \$11,250 / patient. 5% salary support, 5% effort.
- 2004-2007 *A Double-blind, Phase II, Safety and Efficacy Evaluation of ONO-2506PO in Patients with Mild to Moderate Alzheimer's Disease*. ONO Pharmaceutical Co. Total grant: \$19,000 / patient. 5% salary support, 5% effort.
- 2005-2006 *Evaluation of the Safety, Tolerability and Impact on Biomarkers of Anti-oxidant Treatment of Mild to Moderate Alzheimer's Disease*. National Institute on Aging - Alzheimer's Disease Cooperative Study. Total grant: \$6,000 / patient. 5% salary support, 5% effort.
- 2006-2008 *A Randomized, Double-Blind, Placebo-Controlled Trial of Valproate to Attenuate the Progression of Alzheimer's Disease (AD)*. National Institute on Aging - Alzheimer's Disease Cooperative Study. Total grant: \$13,000 / patient. 5% salary support, 5% effort.
- 2006-2008 *A Double-Blind, Randomised, Placebo-Controlled, Parallel-Group Study to Investigate the Effects of Rosiglitazone (Extended Release Tablets) on Cerebral Glucose Utilisation and Cognition in Subjects with Mild to Moderate Alzheimer's Disease (AD)*. GlaxoSmithKline. Total grant: \$24,000 / patient. 2% salary support, 2% effort.
- 2007-2012 *Alzheimer's Disease Core Center – UAHSC Clinical Core*. Protocol # P30 AG19610-01, National Institute on Aging. Total grant: \$51,686 / year; Ahern - \$15,755 / year; 10% salary support, 10% effort. (overall PI: E. Reiman, MD).
- 2008-2010 *A Phase 3, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Efficacy and Safety Trial of Bapineuzumab (AAB-001, ELN115727) in Patients with Mild to Moderate Alzheimer's Disease Who Are Apolipoprotein Eε4 Non-Carriers*. Protocol # ELN115727-301. Elan Pharmaceuticals, Inc. Total grant: \$46,094 / patient. 2% salary support, 2% effort.
- 2008-2010 *A Phase 3, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Efficacy and Safety Trial of Bapineuzumab (AAB-001, ELN115727) in Patients with Mild to Moderate Alzheimer's Disease Who Are Apolipoprotein Eε4 Carriers*. Protocol # ELN115727-302. Elan Pharmaceuticals, Inc. Total grant: \$46,094 / patient. 2% salary support, 2% effort.

- 2008-2010 *A Randomized, Double-Blind, Placebo-Controlled, Dose-Ranging, Safety and Efficacy Study of Oral ELND005 (AZD-103) in Alzheimer's Disease.* Protocol # ELND005-AD201. Elan Pharmaceuticals, Inc. Total grant: \$21,770 / patient. 2% salary support, 2% effort.
- 2008 *An Open Label, Parallel Group, Multicenter Study, Comparing the Safety and Imaging Characteristics of ¹⁸F-AV-45 for Brain Imaging of Amyloid in Healthy Volunteers, Patients with Mild Cognitive Impairment (MCI) and Patients with Alzheimer's Disease (AD).* Protocol # ¹⁸F-AV-45-A05. Avid Radiopharmaceuticals, Inc. Total grant: \$11,300 / patient. 2% salary support, 2% effort.
- 2009-2010 *Immunoglobulin Intravenous (IgIV) for Treatment of Alzheimer's Disease.* Protocol # ADC-031. National Institute on Aging - Alzheimer's Disease Cooperative Study. Total grant: \$3,750 / patient. 2% salary support, 2% effort.
- 2009-2011 *Observational Study of Long-Term (18 Month) Cognitive Outcomes in Healthy Volunteers, Patients with Mild Cognitive Impairment (MCI) and Patients with Alzheimer's disease (AD) Who Have Previously had PET Imaging with Florpiramine F 18 (¹⁸F-AV-45) Injection.* Protocol # ¹⁸F-AV-45-A11. Avid Radiopharmaceuticals, Inc. Total grant: \$4,000 / patient. 1% salary support, 1% effort.
- 2010-2012 *A Phase 3 Extension, Multicenter, Double-Blind, Long Term Safety and Tolerability Treatment Trial of Bapineuzumab (AAB-001, ELN115727) in Subjects with Alzheimer's Disease who Participated in Study ELN115727-301 or in Study ELN115727-302.* Protocol # ELN115727-351. Elan Pharmaceuticals, Inc. Total grant: \$ 43,491 / patient. 2% salary support, 2% effort.
- 2010-2012 *A Long-Term Follow-Up Study of Oral ELND005 (AZD-103) in Subjects with Alzheimer's Disease.* Protocol # ELND005-AD251. Elan Pharmaceuticals, Inc. Total grant: \$ 11,901 / patient. 2% salary support, 2% effort.
- 2011- *A Phase 2, Randomized, Double-Blind, Placebo-Controlled, Parallel Group, Multi-Center, Biomarker, Safety, and Pharmacokinetic Study of Bapineuzumab (AAB-001) Administered Subcutaneously at Monthly Intervals in Subjects with Mild to Moderate Alzheimer's Disease.* Protocol # AAB-001-SC-ALZ-2003. Janssen Alzheimer Immunotherapy. Total grant: \$62,791 / patient. 2% salary support, 2% effort.
- 2011- *A Phase 2, Multicenter, 24-Month, Randomized, Third-Party Unblinded, Placebo-Controlled, Parallel-Group Amyloid Imaging Positron Emission Tomography (PET) and Safety Trial of AAC-001 and QS-21 Adjuvant in Subjects with Early Alzheimer's Disease.* Protocol # B2571010. Pfizer. Total grant: \$56,031 / patient. 2% salary support, 2% effort.
- 2012- *A Phase 2 Clinical Trial to Evaluate the Efficacy and Safety of [¹⁸F]AZD4694 PET in the Detection of Beta Amyloid in Subjects with Probable Alzheimer's Disease, Older Healthy Volunteers and Young Healthy Volunteers.* Protocol # NAV4-01. Navidea Biopharmaceuticals. Total grant: \$xx,xxx / patient. 2% salary support, 2% effort.
- 2012-2017 *Alzheimer's Disease Core Center – UAHSC Clinical Core.* Protocol # P30 AG19610-01, National Institute on Aging. Total grant: \$51,686 / year; Ahern - \$15,755 / year; 10% salary support, 10% effort. (overall PI: E. Reiman, MD).

ADCC Sub-Studies:

- 2004-2006 *Peripheral Mitochondrial Deficits in Alzheimer's and MCI.* \$90/patient. (PI: J. Valla, PhD, Barrow Neurological Institute).
- 2005-2006 *Semantic Memory in Mild Cognitive Impairment, Primary Progressive Aphasia, and Normal Controls.* (PI: Pagie Beeson, PhD & Steven Rapcsak, MD, University of Arizona).
- 2005-2006 *Self-knowledge in Alzheimer's Disease.* (PI: Elizabeth L. Glisky, PhD, University of Arizona).

Research Grants as Sub-Investigator:

- 1990-1993 *A Randomized Placebo-Controlled Study of DuP 996 90 and 120mg Daily in Patients with Mild to Moderate Dementia of the Alzheimer's Type (USA Study),* Protocols #996-019 and #996-025. Dupont Merck Pharmaceutical Company. \$257,806. 10% salary support, 10% effort. (PI: A Rubens, MD).

- 1991-1993 *A Double-Blind Long-Term Study of DuP 996 with 30 and 90mg Daily in Patients with Mild to Moderate Dementia of the Alzheimer's Type*, Protocol #996-016. Dupont Merck Pharmaceutical Company. \$52,498. 10% salary support, 10% effort. (PI: A Rubens, MD).
- 1991-1995 *A Placebo-Controlled Study of Acetyl-L-Carnitine in Patients with Alzheimer's Disease: A Multi-Center Study*, Protocol ST-901. Sigma-Tau Pharmaceuticals, Total Grant: \$134,850. 5% salary support, 5% effort. (PIs: A. Rubens, MD, A. Kaszniak, PhD).
- 1992-1995 *Thrombolytic Therapy in Acute Ischemic Stroke*, Protocol A0276g. Genentech. \$4,000/patient. 0% salary support, 5% effort. (PI: W. Feinberg, MD, Co-sub-investigator: R. Bergen, MD).
- 1993-1994 *Multi-Center, 30 Week, Double-Blind, Parallel Group Safety, Tolerance and Efficacy Comparison of Placebo and Mentane® (150 mg/d, 225 mg/d and 300 mg/d) in Outpatients with Alzheimer's Disease (NINCDS/ADRDA Criteria)*. Protocol # HP-029. Hoechst-Roussel Pharmaceuticals. Total Grant: \$50,925. 10% effort. (PI: A. Rubens, MD).
- 1995-1996 *PET Scanning of the Brain During Induced Emotion*. NIMH. \$133,000. 0% salary support, 5% effort. (PI: R. Lane, MD).
- 1995 *A Double-Blind, Placebo-Controlled, Multicenter Pilot Study to Evaluate the Safety and Tolerability of Metrifonate (BAY A 9826) in Patients with Probable Alzheimer's Disease*. Protocol #D94-029. Bayer Pharmaceuticals. Quantitative EEG section (G. Ahern) - Total Grant: \$14,600. 10% effort. (PI: A. Rubens, MD).
- 1995-1997 *Assessment of Vagus Nerve Stimulation (VNS) For Adjunctive Treatment of Epilepsy Patients Who Have Refractory Partial Onset Seizures With Alteration of Consciousness*, Protocols #E05 and #XE5. Cyberonics, Inc. \$15,000/patient. 10% effort. (PI: D. Labiner, MD).
- 1996-1998 *Trial of Tissue Plasminogen Activator (rt-PA) for Patients with Acute Ischemic Stroke 3-5 Hours After Stroke Onset*, Protocol A0276g. Genentech. \$8,500/patient. (PI: W. Feinberg, MD).
- 1996-1997 *A Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Examine the Safety and Pharmacokinetics of an Intravenous Infusion Regimen with A Loading Dose (800 mg) and Five Maintenance Doses (200 mg each) of GV150526 in the Treatment of Patients with a Clinical Diagnosis of Acute Stroke*, Protocol #GLYA2005. Glaxo Wellcome. \$9,000/patient. (PI: W. Feinberg, MD).
- 1997 *Efficacy and Safety of Cerestat (Aptiganel HCl) as a Neuroprotective Following Severe Traumatic Brain Injury*, Protocol #CNS 1102-012. Cambridge NeuroScience. \$6,960/patient. (PI: D. Labiner, MD).
- 1997-1998 *Pharmacology and Dose Ranging Study of HU23F2G in Patients with Ischemic Stroke*. (P.I.: B. Coull, MD).
- 1998- 1999 *A Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel Group Study to Evaluate the Efficacy and Safety of GV 150526 in Subjects with a Clinical Diagnosis of Acute Stroke*, Protocol #GLYA3002. Glaxo Wellcome. \$9,000/patient. (PI: B. Coull, MD).
- 1998-1999 *The Effects of 2000 mg Citicoline on Clinical Outcome and the Evolution of Lesion Volume in Human Stroke*, Protocol #IP302-018. Interneuron Pharmaceuticals. (PI: B. Coull, MD).
- 1998-2000 *A Multi-center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Assess over 3 Months the Efficacy, using the Stroke Impact Scale, and Safety of an 800mg Loading Dose and Five 200mg Maintenance Doses of GV 150526 in the Treatment of Patients with a Clinical Diagnosis of Acute Stroke*, Protocol #GLYA30011. Glaxo Wellcome. \$9,000/patient. (PI: B. Coull, MD).
- 1998-2001 *An Inpatient, Randomized, Double-Blind, Placebo-Controlled, Parallel Group Study of Remacemide Hydrochloride as Monotherapy in Subjects with Partial-Onset Seizures*, Protocol #164. Astra Zeneca. (PI: D. Labiner, MD)
- 1999-2000 *A Long-Term, Open-Label Safety Study of Remacemide Hydrochloride in Subjects with Epilepsy*. Astra Zeneca. (PI: D. Labiner, MD)
- 2000-2004 *A Multicenter, Pivotal, Safety and Efficacy Study of the NeuroCybernetic Prosthesis (NCP) System in Patients with Depression*, Protocol D-02. Cyberonics. (PIs: F. Moreno, MD & D. Labiner, MD)

2009-2012 *CONCERT: A Phase 3 Multicenter, Randomized, Placebo-Controlled, Double-Blind Twelve-Month Safety and Efficacy Study Evaluating Donepezil in Patients with Mild-to-Moderate Alzheimer's Disease on Donepezil.* Protocol # DIM18. Medivation, Inc. Total grant: \$14,028 / patient. 1% salary support, 1% effort. (PI: G.A. Hishaw, MD)

Invitational Presentations (Scientific):

Ahern GL. Right hemisphere advantage for evaluating emotional facial expressions. Presented at the Boston Society of Psychiatry and Neurology, Boston, MA, 3/15/90. (Regional)

Invitational Presentations (Educational):

Ahern GL. Right hemisphere superiority for the recognition of facial affect as observed during the WADA test. Grand Rounds Presentation, Department of Neurology, University of Arizona, Tucson, AZ, 4/13/90. (Local)

Ahern GL. Differential diagnosis of dementia. Grand Rounds Presentation, Department of Neurology, University of Arizona, Tucson, AZ, 3/15/91. (Local)

Ahern GL. Differential diagnosis of dementia. Presentation to Division of Family Practice, University of Arizona, Tucson, AZ, 3/21/91. (Local)

Ahern GL. WADA -- What Is It? Epilepsy Continuing Medical Education Program. Arizona Comprehensive Epilepsy Program, University of Arizona, Tucson, AZ, 11/11/91. (Local)

Ahern GL. Temporolimbic Epilepsy and Behavior. Presentation to American Association of Neuroscience Nurses, Arizona Chapter, University of Arizona, Tucson, AZ 2/15/92. (National)

Ahern GL. Differential Diagnosis of Dementia. Presentation to Division of Family Practice, University of Arizona, Tucson, AZ, 6/4/92. (Local)

Ahern GL. The WADA Test. Presentation to the Department of Radiology, University of Arizona, Tucson, AZ, 9/9/92. (Local)

Ahern GL. Behavioral Neurology of Temporal Lobe Epilepsy. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Westin La Paloma, Tucson, AZ 2/16/93. (National)

Ahern GL. Behavioral Neurology of Temporal Lobe Epilepsy. Grand Rounds Presentation, Department of Neurology, University of Arizona, Tucson, AZ, 2/26/93. (Local)

Ahern GL. Differential Diagnosis of Dementia. Presentation to School of Nursing, University of Arizona, Tucson, AZ, 2/14/94. (Local)

Ahern GL. Differential Diagnosis of Dementia. *Geriatric Medicine Update and Board Certification Review Course.* University of Arizona Division of Geriatrics, Doubletree, Tucson, AZ, 2/24/94. (National)

Ahern GL. Behavioral Neurology of Temporal Lobe Epilepsy. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Westin La Paloma, Tucson, AZ 2/25/94. (National)

Ahern GL. The Intracarotid Sodium Amobarbital Test: Overview and Selected Investigations. Grand Rounds Presentation, Department of Neurology, University of Arizona, Tucson, AZ, 3/18/94. (Local)

Ahern GL. Behavioral Neurology of Temporal Lobe Epilepsy. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Westin La Paloma, Tucson, AZ 2/10/95. (National)

Ahern GL. Behavioral Neurology of Temporal Lobe Epilepsy. Grand Rounds Presentation, Department of Neurology, University of Arizona, Tucson, AZ, 3/10/95. (Local)

Ahern GL. Differential Diagnosis of Dementia. Presentation to School of Nursing, University of Arizona, Tucson, AZ, 6/28/95. (Local)

Ahern GL. Paraneoplastic Syndromes: Limbic Encephalitis. Grand Rounds Presentation, Department of Neurology, University of Arizona, Tucson, AZ, 11/10/95. (Local)

Ahern GL. Studies of Emotion During the Wada Test. Presentation to Emotion Research Group, Department of Psychiatry, University of Arizona, Tucson, AZ, 1/30/96. (Local)

Ahern GL. Behavioral Neurology of Temporal Lobe Epilepsy. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Westin La Paloma, Tucson, AZ 2/16/96. (National)

Ahern GL. The Cognitive Impairments of Confusion, Delirium, Dementia, and Amnesic States. Presentation to School of Nursing, University of Arizona, Tucson, AZ, 9/19/96. (Local)

- Ahern GL.** The Interface Between Behavioral Neurology and Neuropsychology. Presentation to Clinical Neuropsychology class, University of Arizona, Tucson, AZ, 2/20/97. (Local)
- Ahern GL.** Stroke: Its Implications for Neuropsychology. Presentation to Clinical Neuropsychology class, University of Arizona, Tucson, AZ, 2/20/97. (Local)
- Ahern GL.** Behavioral Neurology of Temporal Lobe Epilepsy. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Westin La Paloma, Tucson, AZ 2/21/97. (National)
- Ahern GL.** Behavioral Neurology of Temporal Lobe Epilepsy. Grand Rounds Presentation, Department of Psychiatry, University of Arizona, Tucson, AZ, 12/17/97. (Local)
- Ahern GL.** Behavioral Neurology Update: Neuroanatomy and Neurophysiology for Psychiatrists. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Westin La Paloma, Tucson, AZ 2/19/98. (National)
- Ahern GL.** Behavioral Neurology of Temporal Lobe Epilepsy. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Westin La Paloma, Tucson, AZ 2/20/98. (National)
- Ahern GL.** A Brief Neurobehavioral Tour. Presentation to Integrative Medicine Section, University of Arizona, Tucson, AZ, 5/1/98. (Local)
- Ahern GL.** Dementia and Delirium. Presentation to Psychiatry Residents, University of Arizona, Tucson, AZ, 7/29/98. (Local)
- Ahern GL.** Alzheimer's Disease: New Diagnostic and Treatment Options. Grand Rounds Presentation, Department of Neurology, University of Arizona, Tucson, AZ, 7/31/98. (Local)
- Ahern GL.** Alzheimer's Disease: New Diagnostic and Treatment Options. *New Notions in Neurology.* University of Arizona Department of Neurology / Parke-Davis, Enchantment Resort, Sedona, AZ 8/23/98. (National)
- Ahern GL.** Differential Diagnosis of Dementia. Presentation to Speech and Hearing Sciences, University of Arizona, Tucson, AZ, 1/20/99. (Local)
- Ahern GL.** Alzheimer's Disease and Other Dementias Update. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Westin La Paloma, Tucson, AZ 2/25/99. (National)
- Ahern GL.** Behavioral Neurology of Temporal Lobe Epilepsy. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Westin La Paloma, Tucson, AZ 2/26/99. (National)
- Ahern GL.** Alzheimer's Disease: New Diagnostic and Treatment Options. *Neurology-Psychiatry Roundup.* University of Arizona Departments of Neurology & Psychiatry / Parke-Davis, Enchantment Resort, Sedona, AZ 10/2/99. (National)
- Ahern GL.** Alzheimer's Disease: New Diagnostic and Treatment Options. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Ventana Canyon Resort, Tucson, AZ 2/24/00. (National)
- Ahern GL.** Behavioral Neurology of Temporal Lobe Epilepsy. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Ventana Canyon Resort, Tucson, AZ 2/25/00. (National)
- Ahern GL.** Wa Da Brain Tells Da Heart: Spectral Analysis of Heart Rate and Heart Rate Variability in the Intracarotid Sodium Amytal Test. Grand Rounds Presentation, Department of Neurology, University of Arizona, Tucson, AZ, 8/4/00. (Local)
- Ahern GL.** Differential Diagnosis of Dementia. Presentation to School of Nursing Class – Pathophysiological Alterations, University of Arizona, Tucson, AZ, 10/4/00. (Local)
- Ahern GL.** Alzheimer's Disease: New Diagnostic and Treatment Options. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Ventana Canyon Resort, Tucson, AZ 2/15/01. (National)
- Ahern GL.** Behavioral Neurology of Temporal Lobe Epilepsy. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Ventana Canyon Resort, Tucson, AZ 2/16/01. (National)
- Ahern GL.** Alzheimer's Disease: New Diagnostic and Treatment Options. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Ventana Canyon Resort, Tucson, AZ 2/21/02. (National)

- Ahern GL.** Behavioral Neurology of Temporal Lobe Epilepsy. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Ventana Canyon Resort, Tucson, AZ 2/22/02. (National)
- Ahern GL.** Differential Diagnosis of Dementia. Presentation to Novartis Training Class, Tucson, AZ, 10/15/02. (National)
- Ahern GL.** Epilepsy and Psychiatric Disorders. *15th Annual Epilepsy Update; Epilepsy and Behavior.* University of Arizona Department of Neurology, University of Arizona, Tucson, AZ 11/2/02. (National)
- Ahern GL.** Differential Diagnosis of Dementia. Presentation to Novartis Training Class, Tucson, AZ, 11/12/02. (National)
- Ahern GL.** Differential Diagnosis of Dementia. Presentation to Novartis Training Class, Tucson, AZ, 1/21/03. (National)
- Ahern GL.** Alzheimer's Disease: What Women Need to Know. *2nd Annual Women's Health Symposium.* University of Arizona Department of Psychiatry, University Medical Center, Tucson, AZ 1/25/03. (Local)
- Ahern GL.** Differential Diagnosis of Dementia. Presentation to Novartis Training Class, Tucson, AZ, 2/5/03. (National)
- Ahern GL.** Alzheimer's Disease: New Diagnostic and Treatment Options. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Ventana Canyon Resort, Tucson, AZ 2/20/03. (National)
- Ahern GL.** Behavioral Neurology of Temporal Lobe Epilepsy. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Ventana Canyon Resort, Tucson, AZ 2/21/03. (National)
- Ahern GL.** Alzheimer's Disease: What Women Need to Know. *3rd Annual Women's Health Symposium.* University of Arizona Department of Psychiatry, Westward Look Resort, Tucson, AZ 1/10/04. (Local)
- Ahern GL.** Practical Aspects of Diagnosis and Treatment of Alzheimer's Disease and Other Dementias. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Ventana Canyon Resort, Tucson, AZ 2/17/04. (National)
- Ahern GL.** Differential Diagnosis of Dementia. *10th Annual Neuropsychiatric Pharmacology Update.* University of Arizona College of Pharmacy, Black Canyon Conference Center, Phoenix, AZ 10/22/04. (National)
- Ahern GL.** Alzheimer's Disease: What Women Need to Know. *4th Annual Women's Health Symposium.* University of Arizona Department of Psychiatry, UA Student Union, Tucson, AZ 1/8/05. (Local)
- Ahern GL.** Behavioral Neurology of Temporal Lobe Epilepsy. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Ventana Canyon Resort, Tucson, AZ 2/21/05. (National)
- Ahern GL.** Practical Aspects of Diagnosis and Treatment of Alzheimer's Disease and Other Dementias. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Ventana Canyon Resort, Tucson, AZ 2/22/05. (National)
- Ahern GL.** Behavioral Neurology of Temporal Lobe Epilepsy. Grand Rounds Presentation, Department of Neurology, University of Arizona, Tucson, AZ, 7/22/05. (Local)
- Ahern GL.** Alzheimer's Disease: What Women Need to Know. *5th Annual Women's Health Symposium.* University of Arizona Department of Psychiatry, UA Student Union, Tucson, AZ 1/7/06. (Local)
- Ahern GL.** Practical Aspects of Diagnosis and Treatment of Alzheimer's Disease and Other Dementias. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Ventana Canyon Resort, Tucson, AZ 2/24/06. (National)
- Ahern GL.** Differential Diagnosis of Dementia. Grand Rounds Presentation, Department of Neurology, University of Arizona, Tucson, AZ, 3/17/06. (Local)
- Ahern GL.** Practical Aspects of Diagnosis and Treatment of Alzheimer's Disease and Other Dementias. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Ventana Canyon Resort, Tucson, AZ 2/20/07. (National)
- Ahern GL.** Understanding the Pathobiology of Alzheimer's: A Neurologist's Tour for Psychiatrists. Presented at the *25th Annual Meeting of the West Coast College of Biological Psychiatry,* Tucson, AZ, April 20-21, 2007. (National)
- Ahern GL.** Pharmacological Treatment of Alzheimer's Disease - 2008. Grand Rounds Presentation, Department of Neurology, University of Arizona, Tucson, AZ, 2/1/2008. (Local)

- Ahern GL.** Alzheimer's Disease: What Women Need to Know. *7th Annual Women's Health Symposium.* University of Arizona Department of Psychiatry, UA Student Union, Tucson, AZ, 3/15/2008. (Local)
- Ahern GL.** Pharmacological Treatment of Alzheimer's Disease - 2008. *College of Psychiatric and Neurologic Pharmacists Annual Meeting.* Scottsdale, AZ, April 13-16, 2008. (National)
- Ahern GL.** Practical Aspects of Diagnosis and Treatment of Alzheimer's Disease and Other Dementias. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Ventana Canyon Resort, Tucson, AZ 2/19/2009. (National)
- Ahern GL.** Alzheimer's Disease: What Women Need to Know. *8th Annual Women's Health Symposium.* University of Arizona Department of Psychiatry, UA Student Union, Tucson, AZ, 4/18/2009. (Local)
- Ahern GL.** Alzheimer's Disease: Diagnostic and Treatment Options, Part 1. Grand Rounds Presentation, Section of Neurosurgery, Department of Surgery, University of Arizona, Tucson, AZ, 12/2/2009. (Local)
- Ahern GL.** Alzheimer's Disease: Diagnostic and Treatment Options, Part 2. Grand Rounds Presentation, Section of Neurosurgery, Department of Surgery, University of Arizona, Tucson, AZ, 1/6/2010. (Local)
- Ahern GL.** Practical Aspects of Diagnosis and Treatment of Alzheimer's Disease and Other Dementias. Lecture for PGY 1&2 Residents, Department of Psychiatry, University of Arizona, Tucson, AZ, 1/6/2010. (Local)
- Ahern GL.** Alzheimer's Disease: What Women Need to Know. *9th Annual Women's Health Symposium.* University of Arizona Department of Psychiatry, UA Student Union, Tucson, AZ, 1/16/2010. (Local)
- Ahern GL.** Diagnosis of Dementia, Evaluation and Treatment. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Ventana Canyon Resort, Tucson, AZ, 2/18/2010. (National)
- Ahern GL.** Assessment and Treatment of Dementia: Part 1. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Ventana Canyon Resort, Tucson, AZ, 2/21/2011. (National)
- Ahern GL.** Assessment and Treatment of Dementia: Part 2. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Ventana Canyon Resort, Tucson, AZ 2/23/2011. (National)
- Ahern GL.** Alzheimer's Disease: What Women Need to Know. *10th Annual Women's Health Symposium.* University of Arizona Department of Psychiatry, UA Student Union, Tucson, AZ, 3/19/2011. (Local)
- Ahern GL.** Practical Aspects of Diagnosis and Treatment of Alzheimer's Disease and Other Dementias. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Westin La Paloma, Tucson, AZ, 2/23/2012. (National)
- Ahern GL.** Alzheimer's Disease: What Women Need to Know. *11th Annual Women's Health Symposium.* University of Arizona Department of Psychiatry, UA Student Union, Tucson, AZ, 4/21/2012. (Local)
- Ahern GL.** Practical Aspects of Diagnosis and Treatment of Alzheimer's Disease and Other Dementias. *Current Clinical Practice; Psychopharmacology Review.* University of Arizona Department of Psychiatry, Westin La Paloma, Tucson, AZ, 2/21/2013. (National)

Invitational Presentations (Community Outreach):

- Ahern GL.** Differential diagnosis of dementia. Symposium - *Alzheimer's Disease: The Cutting Edge.* Alzheimer's Association, Southern Arizona Chapter, 11/13/1990. (Local)
- Ahern GL, Kaszniak AW.** The Use of Dup996 in Alzheimer's Disease. KGUN-Ch 9 5pm News, Interviewer - Colleen Bagnell, 10/29/1991. (Local)
- Ahern GL.** Differential Diagnosis of Alzheimer's Disease and the Use of Linopirdine. KUAT-Ch 6 Arizona Illustrated, Interviewer - Bill Buckmaster, 10/30/1991. (Local)
- Ahern GL, Laguna J.** Differential Diagnosis of Alzheimer's Disease and the Use of E2020. KOLD-Ch13 10pm News, Interviewer - Brian Mortenson, 5/13/1992. (Local)
- Ahern GL.** Stroke and Pregnancy. KVOA-Ch 4 5:30 & 10pm News, Interviewer - Lupita Murillo, 4/17/1994. (Local)
- Labiner DM, **Ahern GL.** Vagal Nerve Stimulation and Epilepsy. KVOA-Ch 4 6pm News, Interviewer - Pamela Davis, 2/16/1996. (Local)
- Ahern GL.** Therapeutic Claims in Alzheimer's Disease. KVOA-Ch 4 5pm News, Interviewer - Nancy Harrison, 5/23-24/1996. (Local)
- Ahern GL.** The Use of Aricept in Alzheimer's Disease. KVOA-Ch 4 6pm News, Interviewer - Pamela Davis, 9/19/1997. (Local)

- Ahern GL.** Alzheimer's Still Difficult to Diagnose. Tucson Citizen, Reporter – A.J. Flick, 11/11/97. (Local)
- Ahern GL.** Diagnostic Measures for Identifying Alzheimer's Disease. *Bridging the Path: New Steps to Caregiving, 4th Annual Conference for Professionals and Families.* Alzheimer's Association, Southern Arizona Chapter, Inn Suites Hotel and Resort, Tucson, AZ 11/18/1997. (Local)
- Ahern GL.** Diagnosis of Alzheimer's Disease and Other Dementias. Lecture given at the Fountains at La Cholla, Tucson, AZ 3/11/1998. (Local)
- Ahern GL.** Diagnosis, Treatment, and Research in Alzheimer's Disease. *Bridging the Path: Supporting the Journey, 5th Annual Conference for Professionals and Families.* Alzheimer's Association, Southern Arizona Chapter, Doubletree Hotel, Tucson, AZ 11/3/1998. (Local)
- Ahern GL.** Dementia: Insights Into the Disordered Brain. *Brain Awareness Week Public Lecture.* Tucson Chapter of the Society for Neuroscience, Flandrau Planetarium, Tucson, AZ 3/15/1999. (Local)
- Ahern GL.** Memory Enhancers: Fact or Fiction? KGUN-Ch 9 5pm News, Interviewer – Camille Harris, 5/5/1999. (Local)
- Ahern GL.** The Mild Cognitive Impairment Trial. KOLD-Ch 13 5pm & 5am News, Interviewer – Peggy Pico, RN, 8/1-2/2000. (Local)
- Ahern GL.** Differential diagnosis of dementia. *Bridging the Path: Guiding the Journey; 8th Annual Conference for Families and Professionals.* Alzheimer's Association, Southern Arizona Chapter, Tucson Hilton East, 3/5/2002. (Local)
- Ahern GL.** Recent Research Developments in Alzheimer's Disease. KUAT-Ch 6 Arizona Illustrated, Interviewer - Bill Buckmaster, 2/28/2002. (Local)
- Ahern GL.** Differential Diagnosis of Dementia. *Bridging the Path: Sharing the Caring; 9th Annual Conference for Families and Professionals.* Alzheimer's Association, Southern Arizona Chapter, Holiday Inn Palo Verde, 3/4/2003. (Local)
- Ahern GL.** Treatment Strategies in Alzheimer's Disease and Other Dementias. *Dementia Awareness Day.* Arizona Alzheimer's Disease Research Center / Arizona Alzheimer's Disease Core Center, Tucson Public Library, Tucson, AZ 11/8/2003. (Local)
- Ahern GL,** Kaszniak A, Pergrin J, and Newman T. Panel Discussion of *The Forgetting: A Portrait of Alzheimer's Disease.* KUAT-Ch 6 Arizona Illustrated, Interviewer - Bill Buckmaster, 1/21/2004. (Local)
- Ahern GL** and Kaszniak A. Panel Discussion of *The Forgetting: A Portrait of Alzheimer's Disease.* KUAT-Ch 6 Arizona Illustrated, Interviewer - Bill Buckmaster, 6/16/2004. (Local)
- Ahern GL** and Kaszniak A. Recent Research Developments in Alzheimer's Disease. KUAT-Ch 6 Arizona Illustrated, Interviewer - Bill Buckmaster, 4/19/2007. (Local)
- Ahern GL.** Alzheimer's Disease: The Buntain Family. KGUN-Ch 9 10pm News, Interviewer – Selena Davis, 5/3/2007. (Local)
- Ahern GL.** Featured in *The Forgetting: A Portrait of Alzheimer's Disease.* KUAT-Ch 6, Interviewer - Bill Buckmaster, 8/7/2008. (Local)
- Ahern GL.** Pharmacological Treatment of Alzheimer's Disease - 2008. Encore Senior Living Center. Tucson, AZ, 10/1/2008. (Local)
- Ahern GL.** Alzheimer's Disease: New Treatment Directions. Southern Arizona Welcome Wagon. Arizona Inn, Tucson, AZ, 1/20/2009. (Local)
- Ahern GL.** Differential Diagnosis of Dementia. Encore Senior Living Center. Tucson, AZ, 10/7/2009. (Local)
- Ahern GL** and Reiman E. Recent Research Developments in Alzheimer's Disease. KUAT-Ch 6 Arizona Illustrated, Interviewer - Pam White, 6/29/2011. (Local)
- Ahern GL** and Reiman E. Recent Research Developments in Alzheimer's Disease. KTTU-Ch 18 In Focus, Interviewer - Bob Lee, 7/17/2011. (Local)
- Ahern GL** and Reiman E. Recent Research Developments in Alzheimer's Disease. KMSB-Ch 11 Fox-11 Forum, Interviewer - Bob Lee, 7/24/2011. (Local)
- Ahern GL.** A Brief Overview of Dementia and Alzheimer's Disease. *Senior Brain Matters.* West Social Center, Green Valley, AZ, 2/22/2012. (Local)
- Ahern GL.** Diagnosis of Dementia, Evaluation, and Assessment. Catalina Vista Center, Sun City Oro Valley, Oro Valley, AZ, 8/10/2012. (Local)

Original Papers:

1. **Ahern GL**, Landin ML, and Wolf G. Escape from deficits in sodium intake after thalamic lesions as a function of preoperative experience. *Journal of Comparative and Physiological Psychology*, 1978, 92, 544-554.
2. **Ahern GL** and Schwartz GE. Differential lateralization for positive versus negative emotion. *Neuropsychologia*, 1979, 17, 693-698.
3. Schwartz GE, **Ahern GL**, and Brown, SL. Lateralized facial muscle response to positive and negative emotional stimuli. *Psychophysiology*, 1979, 16, 561-571.
4. Schwartz GE, Brown SL, and **Ahern GL**. Facial muscle patterning and subjective experience during affective imagery: Sex differences. *Psychophysiology*, 1980, 17, 75-82.
5. **Ahern GL** and Schwartz GE. Differential lateralization for positive versus negative emotion in the human brain: EEG spectral analysis. *Neuropsychologia*, 1985, 23, 745-755.
6. **Ahern GL**, Howard GF, and Weiss K. Posttraumatic pilomotor seizures: A case report. *Epilepsia*, 1988, 29, 640-643.
7. Daffner KR, **Ahern GL**, Weintraub SW, and Mesulam MM. Dissociated neglect behavior following sequential strokes in the right hemisphere. *Annals of Neurology*, 1990, 28, 97-101.
8. **Ahern GL**, Schomer DL, Kleeffeld J, Blume H, Cosgrove GR, Weintraub S, and Mesulam MM. Right hemisphere advantage for evaluating emotional facial expressions. *Cortex*, 1991, 27, 193-202.
9. **Ahern GL**, Herring AM, Tackenberg J, Seeger JF, Oommen KJ, Labiner DM, and Weinand ME. The association of multiple personality and temporolimbic epilepsy: Intracarotid sodium amobarbital test observations. *Archives of Neurology*, 1993, 50, 1020-1025.
10. Weinstein CS, Seidman LJ, and **Ahern GL**. Integration of neuropsychological and behavioral neurologic assessment in psychiatry: A case study. *Psychiatry*, 1994, 57, 62-76.
11. **Ahern GL**, Herring AM, Tackenberg JN, Schwartz GE, Seeger JF, Labiner DM, Weinand ME, and Oommen KJ. Affective self-report during the intracarotid sodium amobarbital test. *Journal of Clinical and Experimental Neuropsychology*, 1994, 16(3), 372-376.
12. **Ahern GL**, O'Connor M, Dalmau J, Coleman A, Posner JB, Schomer DL, Herzog AG, Kolb DA, and Mesulam MM. Paraneoplastic temporal lobe epilepsy with testicular neoplasm and atypical amnesia. *Neurology*, 1994, 44, 1270-1274.
13. **Ahern GL**, Labiner DM, Hutzler R, Osburn C, Talwar D, Herring AM, Tackenberg JN, Weinand ME, and Oommen KJ. Quantitative analysis of the EEG in the intracarotid amobarbital test: I. Amplitude analysis. *EEG & Clinical Neurophysiology*, 1994, 91, 21-32.
14. Tackenberg JN, **Ahern GL**, Herring AM, and Hutzler R. Nursing implications of the intracarotid amobarbital procedure. *Journal of Neuroscience Nursing*, 1994, 26, 309-318.
15. Weinand ME, Hermann B, Wyler AR, Carter LP, Oommen KJ, Labiner DM, **Ahern GL**, and Herring AM. Long-term subdural strip electrocorticographic monitoring of ictal déjà vu. *Epilepsia*, 1994, 35, 1054-1059.
16. **Ahern GL**. Cerebral laterality and consciousness: Letter in reply to Serafetinides. *Archives of Neurology*, 1995, 52, 337-338.
17. **Ahern GL**, Labiner DM, Talwar D, Herring AM, and Weinand ME. Quantitative analysis of the EEG in the intracarotid amobarbital test: II. Coherence analysis. *Journal of Clinical Neurophysiology*, 1995, 12, 285-290.
18. **Ahern GL**, O'Connor M, Dalmau J, Coleman A, Posner JB, Schomer DL, Herzog AG, Kolb DA, and Mesulam MM. Paraneoplastic temporal lobe epilepsy with testicular neoplasm and atypical amnesia. *Search on Epilepsy*, 1995, 2, 20-24.
19. Weinand ME, El-Saadany W, Labiner DM, Talwar D, and **Ahern GL**. Subdural strip electrode monitoring and surgical decision making in refractory epilepsy: Validity and prognostic value of noninvasive localizing data. *Journal of Epilepsy*, 1995, 8, 131-138.
20. Weinand ME, Carter LP, Oommen KJ, Hutzler R, Labiner DM, Talwar D, El-Saadany W, and **Ahern GL**. Response of human epileptic temporal lobe cortical blood flow to hyperventilation. *Epilepsy Research*, 1995, 21, 221-226.
21. Weinand ME, El-Saadany W, Carter LP, Labiner DM, Oommen KJ, Talwar D, and **Ahern GL**. Temporal lobe ischemia and epileptogenicity: Long-term cortical cerebral blood flow analysis of sequential seizures. *Surgical Forum*, 1995, 46, 574-575.

22. Weintraub SW, Daffner, KR, **Ahern GL**, Price BH, and Mesulam MM. Right hemispatial neglect and bilateral cerebral lesions. *Journal of Neurology, Neurosurgery, and Psychiatry*, 1996, 60, 342-344.
24. Tackenberg JN and **Ahern GL**. Anatomic correlates of psychological events related to temporolimbic epilepsy. *Journal of Neuroscience Nursing*, 1996, 28, 73-81.
25. Weinand ME, El-Saadany WF, Labiner DM, Carter LP, Oommen KJ, Talwar D, and **Ahern GL**. Abnormal vasomotor response of human epileptogenic cortex to reversal of hyperventilation: A long-term surface cerebral blood flow monitoring study. *Pathophysiology*, 1996, 3, 41-45.
26. Reiman EM, Lane RD, **Ahern GL**, Schwartz GE, Davidson RJ, Friston KJ, Yun LS, and Chen K. Neuroanatomical correlates of externally and internally generated human emotion. *American Journal of Psychiatry*, 1997, 154, 918-925.
27. Lane RD, Reiman EM, **Ahern GL**, Schwartz GE, and Davidson RJ. Neuroanatomical correlates of happiness, sadness, and disgust. *American Journal of Psychiatry*, 1997, 154, 926-933.
28. Lane RD, Reiman EM, Bradley MM, Lang PJ, **Ahern GL**, Davidson RJ, and Schwartz GE. Neuroanatomical correlates of positive and negative emotion. *Neuropsychologia*, 1997, 35, 1437-1444
29. Lane RD, **Ahern GL**, Schwartz GE, and Kaszniak AW. Is alexithymia the emotional equivalent of blindsight? *Biological Psychiatry*, 1997, 42, 834-844.
30. O'Connor M, Siegreen MA, **Ahern GL**, Schomer D, and Mesulam MM. Accelerated forgetting in association with temporal lobe epilepsy and paraneoplastic encephalitis. *Brain and Cognition*, 1997, 35, 71-84.
31. **Ahern GL**, Herring AM, Labiner DM, and Weinand ME. Quantification of hemispatial neglect during the intracarotid amytal procedure. *Journal of the International Neuropsychological Society*, 1998, 4, 1-7.
32. Weinand ME, Takacs I, Labiner DM, and **Ahern GL**. Nonepileptic cortical cerebral blood flow and temporal lobe epileptogenicity. *Pathophysiology*, 1999, 6, 135-141.
33. **Ahern GL**, Herring AM, Labiner DM, Weinand ME, and Hutzler R. Affective self-report during the intracarotid sodium amobarbital test: Group differences. *Journal of the International Neuropsychological Society*, 2000, 6, 659-667.
34. Weinand ME, Deogaonkar M, Kester M, **Ahern GL**, and Labiner DM. Electrocorticographic factors associated with temporal lobe epileptogenicity. *Pathophysiology*, 2000, 7, 33-39.
35. Weinand ME, Labiner DM, and **Ahern GL**. Temporal lobe seizure interhemispheric propagation time depends on nonepileptic cortical cerebral blood flow. *Epilepsy Research*, 2001, 44, 33-39.
36. **Ahern GL**, Sollers J, Lane RD, Labiner DM, Herring AM, Weinand ME, Hutzler R, and Thayer J. Heart rate and heart rate variability changes in the intracarotid sodium amobarbital (ISA) test. *Epilepsia*, 2001, 42, 912-921.
37. Weinand ME, Kester M, Labiner DM, and **Ahern GL**. Time from ictal subdural EEG seizure onset to clinical seizure onset: Prognostic value for selecting temporal lobectomy candidates. *Neurological Research*, 2001, 23, 599-604.
38. Weinand ME, Labiner DM, and **Ahern GL**. Integration of perceptual and mnemonic dysfunction: Sensory auras are associated with left hemispheric memory impairment. *Epilepsy & Behavior*, 2001, 2, 423-432.
39. Labiner DM and **Ahern GL**. Neurologic consultation for seizures: When, why, and how to pursue. *Postgraduate Medicine*, 2002, 111(1), 53-64.
40. Sollers JJ, **Ahern GL**, Merritt MM, and Thayer JF. Time frequency analysis of the cardiovascular response during the intracarotid amobarbital test. *Biomedical Sciences Instrumentation*, 2002, 38, 267-271.
41. Labiner DM, Weinand ME, Brainerd CJ, **Ahern GL**, Herring AM, and Melgar M. Prognostic value of concordant seizure focus localizing data in the selection of temporal lobectomy candidates. *Neurological Research*, 2002, 24, 747-755.
42. Gonzalez-Portillo G, Rivero S, **Ahern GL**, Labiner DM, and Weinand ME. Normalization of periictal bihemispheric cerebral perfusion in temporal lobe epilepsy. *Pathophysiology*, 2004, 11, 31-34.
43. Torres MR, **Ahern GL**, and Labiner DM. Seizures and Epilepsy: An approach to diagnosis and management. *Journal of Clinical Outcomes Management*, 2005, 12(2), 103-113.
44. Rogers J, Li R, Mastroeni D, Grover A, Leonard B, **Ahern G**, Cao P, Kolody H, Vedders L, Kolb WP, Sabbagh M. Peripheral clearance of amyloid β peptide by complement C3-dependent adherence to erythrocytes. *Neurobiology of Aging*, 2006, 27, 1733-1739.

45. Weinand ME, Hussain N, Labiner DM, and **Ahern GL**. Correlation of electrocorticographic to clinical seizure onset and interhemispheric propagation times in temporal lobe epilepsy. *Pathophysiology*, 2006, *13*, 233-236.
46. Valla J, Schneider L, Niedzielko T, Coon K, Caselli R, Sabbagh M, **Ahern GL**, Baxter L, Alexander G, Walker DG, and Reiman EM. Impaired platelet mitochondrial activity in Alzheimer's disease and Mild Cognitive Impairment. *Mitochondrion*, 2006, *6*, 323-330.
47. Labiner DM and **Ahern, GL**. Vagus nerve stimulation (VNS) therapy in pharmacoresistant epilepsy and treatment-resistant depression: Therapeutic parameter settings. *Acta Neurologica Scandinavica*, 2007, *115*, 23-33.
48. Weinand ME, Farley C, Hussain N, Labiner DM, and **Ahern GL**. Time from ictal subdural EEG seizure onset to clinical seizure onset: An electrocorticographic factor associated with temporal lobe epileptogenicity. *Neurological Research*, 2007, *29*(8), 862-870.
49. Thayer JF, Sollers JJ, Labiner DM, Weinand ME, Herring AM, Lane RD, and **Ahern GL**. Age related differences in prefrontal control of heart rate in humans: A pharmacological blockade study. *International Journal of Psychophysiology*, 2009, *72*(1), 81-88.
50. Lane RD, McRae KL, Reiman EM, Chen K, **Ahern GL**, Thayer JF. Neural correlates of heart rate variability during emotion. *NeuroImage*, 2009, *44*, 214-223.
51. Weinand M, Serxner B, Labiner D, **Ahern GL**. Interhemispheric propagation time and temporal lobe epileptogenicity. *Pathophysiology*, 2009, *16*, 39-42.
52. Caselli RJ, Dueck AC, Osborne D, Sabbagh MN, Connor DJ, **Ahern GL**, Baxter LC, Rapcsak SZ, Shi J, Woodruff BK, Locke DEC, Snyder CH, Alexander GE, Rademakers R, Reiman EM. Longitudinal modeling of age-related memory decline and the APOE ϵ 4 effect. *New England Journal of Medicine*, 2009, *361*(3), 255-263.
53. Caselli RJ, Dueck AC, Locke DEC, Sabbagh MN, **Ahern GL**, Rapcsak SZ, Baxter LC, Yaari R, Woodruff BK, Snyder CH, Rademakers R, Findley S, Reiman EM. Cerebrovascular risk factors influence preclinical memory decline in cognitively normal APOE ϵ 4 homozygotes. *Neurology*, 2011, *76*, 1078-1084.

Study Group Publications

1. Rogers SL, Friedhoff LT, and the Donepezil Study Group (incl. **Ahern GL**). The efficacy and safety of donepezil in patients with Alzheimer's disease: Results of a US multicentre, randomized, double-blind, placebo-controlled trial. *Dementia*, 1996, *7*, 293-303.
2. Morris JC, Cyrus PA, Orazem J, Mas J, Bieber F, Ruzicka, Gulanski B, and the Metrifonate Study Group (incl. **Ahern GL**). Metrifonate benefits cognitive, behavioral, and global function in patients with Alzheimer's disease. *Neurology*, 1998, *50*, 1222-1230.
3. Tariot PN, Solomon PR, Morris JC, Kershaw P, Lilienfeld S, Ding C, and the Galantamine Study Group (incl. **Ahern GL**). A 5-month, randomized, placebo-controlled trial of galantamine in AD. *Neurology*, 2000, *54*, 2269-2276.
4. Sacco RL, DeRosa JT, Haley EC, Levin B, Ordonneau P, Phillips SJ, Rundek R, Snipes RG, Thompson JLP, and the GAIN Americas Investigators (incl. **Ahern GL**). Glycine antagonist in neuroprotection for patients with acute stroke: GAIN Americas: A randomized controlled trial. *Journal of the American Medical Association*, 2001, *285*(13), 1719-1728.
5. Aisen PS, Schafer KA, Grundman M, Pfeiffer E, Sano M, Davis KL, Farlow MF, Jin S, Thomas RG, Thal LJ, for the Alzheimer's Disease Cooperative Study (incl. **Ahern GL**). Effects of rofecoxib or naproxen vs placebo on Alzheimer disease progression: A randomized controlled trial. *Journal of the American Medical Association*, 2003, *289*(21), 2819-2826.
6. Grundman M, Jack CR, Petersen RC, Kim HT, Taylor C, Datvian M, Weiner MF, DeCarli C, DeKosky ST, van Dyck C, Darvesh S, Yaffe K, Kaye J, Ferris SH, Thomas RG, and Thal LJ, for the Alzheimer's Disease Cooperative Study (incl. **Ahern GL**). Hippocampal volume is associated with memory but not nonmemory cognitive performance in patients with mild cognitive impairment. *Journal of Molecular Neuroscience*, 2003, *20*, 241-248.
7. Jack CR, Slomkowski M, Gracon S, Hoover TM, Felmlee JP, Stewart K, Xu Y, Shiung M, O'Brien PC, Cha R, Knopman D, Petersen RC, and the Milameline Study Group (incl. **Ahern GL**). MRI as a biomarker of disease progression in a therapeutic trial of milameline for AD. *Neurology*, 2003, *60*(2), 253-260.

8. Singer C, Tractenberg RE, Kaye J, Schafer K, Gamst A, Grundman M, Thomas R, and Thal LJ, for the Alzheimer's Disease Cooperative Study (incl. **Ahern GL**). A multicenter, placebo-controlled trial of melatonin for sleep disturbance in Alzheimer's disease. *Sleep*, 2003, 26(7), 893-901.
9. Grundman M, Petersen RC, Ferris SH, Thomas RG, Aisen PS, Bennett DA, Foster NL, Jack CR, Galasko DR, Doody R, Kaye J, Sano M, Mohs R, Gauthier S, Kim HT, Jin S, Schultz AN, Schafer K, Mulnard R, van Dyck CH, Mintzer J, Zamrini EY, Cahn-Weiner D, and Thal LJ, for the Alzheimer's Disease Cooperative Study (incl. **Ahern GL**). Mild cognitive impairment can be distinguished from Alzheimer disease and normal aging for clinical trials. *Archives of Neurology*, 2004, 61, 59-66.
10. Fleisher AS, Grundman M, Jack CR., Petersen RC, Taylor C, Kim HT, Schiller DHB, Bagwell V, Sencakova D, Weiner MF, DeCarli C, DeKosky ST, van Dyck CH, and Thal LJ, for the Alzheimer's Disease Cooperative Study Group (incl. **Ahern GL**). Sex, apolipoprotein E ϵ 4 status, and hippocampal volume in mild cognitive impairment. *Archives of Neurology*, 2005, 62, 953-957.
11. Petersen RC, Thomas RG, Grundman M, Bennett D, Doody R, Ferris S, Galasko D, Jin S, Kaye J, Levey A, Pfeiffer E, Sano M, van Dyck CH, and Thal LJ, for the Alzheimer's Disease Cooperative Study Group (incl. **Ahern GL**). Vitamin E and donepezil for the treatment of mild cognitive impairment. *New England Journal of Medicine*, 2005, 352, 1-10.
12. Fleisher AS, Sowell, BB, Taylor C, Gamst AC, Petersen RC, and Thal LJ, for the Alzheimer's Disease Cooperative Study Group (incl. **Ahern GL**). Clinical predictors of progression to Alzheimer disease in amnesic mild cognitive impairment. *Neurology*, 2007, 68(19), 1588-1595.
13. Aisen PS, Schneider LS, Sano M, Diaz-Arrastia R, van Dyck CH, Weiner MF, Bottiglieri T, Jin S, Stokes KT, Thomas RG, and Thal LJ, for the Alzheimer's Disease Cooperative Study Group (incl. **Ahern GL**). High-dose B vitamin supplementation and cognitive decline in Alzheimer Disease: A randomized controlled trial. *Journal of the American Medical Association*, 2008, 300(15), 1774-1783.
14. Fleisher AS, Sun S, Taylor C, Ward CP, Gamst AC, Petersen RC, Jack CR, Aisen PS, and Thal LJ, for the Alzheimer's Disease Cooperative Study Group (incl. **Ahern GL**). Volumetric MRI vs clinical predictors of Alzheimer disease in mild cognitive impairment. *Neurology*, 2008, 70(3), 191-199.
15. Jack CR, Petersen RC, Grundman M, Jin S, Gamst A, Ward CP, Sencakova D, Doody RS, and Thal LJ, for the Alzheimer's Disease Cooperative Study Group (incl. **Ahern GL**). Longitudinal MRI findings from the vitamin E and donepezil treatment study for MCI. *Neurobiology of Aging*, 2008, 29, 1285-1295.
16. Lu PH, Edland SD, Teng E, Tingus K, Petersen RC, and Cummings JL, for the Alzheimer's Disease Cooperative Study Group (incl. **Ahern GL**). Donepezil delays progression to AD in MCI subjects with depressive symptoms. *Neurology*, 2009, 72, 2115-2121.
17. Whitehair D C, Sherzi A, Emond J, Raman R, Aisen PS, Petersen RC, and Fleisher AS, for the Alzheimer's Disease Cooperative Study Group (incl. **Ahern GL**). Influence of apolipoprotein E e4 on rates of cognitive and functional decline in mild cognitive impairment. *Alzheimer's & Dementia*, 2010, 6(5), 412-419.
18. Fleisher AS, Truran D, Mai JT, Langbaum JB, Aisen PS, Cummings JL, Jack CR, Weiner MW, Thomas RG, Schneider LS, and Tariot PN, for the Alzheimer's Disease Cooperative Study Group (incl. **Ahern GL**). Chronic divalproex sodium use and brain atrophy in Alzheimer disease. *Neurology*, 2011, 77(13), 1263-1271.
19. Fleisher AS, Chen K, Liu X, Roontiva A, Thiyyagura P, Ayutyanont N, Joshi AD, Clark CM, Mintun MA, Pontecorvo MJ, Doraiswamy PM, Johnson KA, Skovronsky DM, and Reiman EM, for the AV45-A11 Study Group (incl. **Ahern GL**). Using positron emission tomography and florbetapir F18 to image cortical amyloid in patients with mild cognitive impairment or dementia due to Alzheimer disease. *Archives of Neurology*, 2011, 68(11), 1404-1411.
20. Sano M, Bell KL, Galasko D, Galvin JE, Thomas RG, van Dyck CH, and Aisen PS, for the Alzheimer's Disease Cooperative Study Group (incl. **Ahern GL**). A randomized, double-blind, placebo-controlled trial of simvastatin to treat Alzheimer disease. *Neurology*, 2011, 77, 556-563.
21. Tariot PN, Schneider LS, Cummings JL, Thomas RG, Raman R, Jakimovich LJ, Loy R, Bartocci B, Fleisher AS, Ismail MS, Porteinsson A, Weiner M, Jack CR, Thal LJ, and Aisen PS, for the Alzheimer's Disease Cooperative Study Group (incl. **Ahern GL**). Chronic divalproex sodium to attenuate agitation and clinical progression of Alzheimer disease. *Arch Gen Psychiatry*, 2011, 68(8), 853-861.
22. Doraiswamy PM, Sperling RA, Coleman RE, Johnson KA, Reiman EM, Davis MD, Grundman M, Sabbagh MN, Sadowsky CH, Fleisher AS, Carpenter A, Clark CM, Joshi AD, Mintun MA, Skovronsky DM, and

Pontecorvo MJ, for the AV45-A11 Study Group (incl. **Ahern GL**). Amyloid- β assessed by florbetapir F 18 PET and 18-month cognitive decline: A multicenter study. *Neurology*, 2012, 79 (16), 1636-1644.

In Preparation / Under Review

Ahern GL, Labiner DM, Weinand ME, Herring AM, and Hutzler R. Quantitative analysis of the EEG in the intracarotid amobarbital test: III. Intra- and interhemispheric coherence analysis. Manuscript in preparation, 2012.

Abstracts:

1. Babikian VL, Araki C, **Ahern GL**, Norrvig B, and Pochay VE. The delta-middle cerebral artery flow velocity: An index of extracranial carotid artery stenosis severity. *Journal of Cardiovascular Technology*, 1989, 8, 162-163.
2. Babikian VL, Norrvig B, Pochay VE, Araki C, and **Ahern GL**. Intracranial hemodynamic effects of cervical carotid artery disease evaluated by transcranial doppler. *Neurology*, 1989, 39 (suppl. 1), 217.
3. Oommen KJ, Patton D, Fenstermacher W, Seeger J, Carter LP, Weinand ME, Labiner DM, **Ahern GL**, Herring A, Tackenberg J, and Martyneec C. Comparison of SPECT and MRI foci to EEG foci in patients with complex partial seizures. *Neurology*, 1992, 42 (suppl. 3), 157.
4. Weinand ME, Carter LP, Oommen KJ, Labiner DM, Patton D, **Ahern GL**, and Herring A. Surface monitoring of cerebral cortical blood flow in epilepsy. *Neurology*, 1992, 42 (suppl. 3), 158.
5. Weinand ME, Wyler AR, Carter LP, Oommen KJ, Labiner DM, **Ahern GL**, Hermann BP, and Herring AM. Long-term subdural strip electrocorticographic monitoring of ictal deja vu. *Epilepsia*, 1992, 33 (suppl. 3), 95-96.
6. Weintraub SW, **Ahern GL**, Daffner, KR, Price BH, and Mesulam MM. Right-sided hemispatial neglect. *Neurology*, 1992, 42 (suppl. 3), 223. (Abstract)
7. Labiner DM, Weinand ME, **Ahern GL**, Oommen KJ, Carter LP, Patton DD, and Herring AM. Concordance between noninvasive and invasive evaluation techniques in seizure focus localization. *Epilepsia*, 1992, 33 (suppl. 3), 91.
8. Hutzler R, Oommen KJ, **Ahern GL**, Weinand M, Carter LP, Labiner D, and Talwar D. Cerebral blood flow during hyperventilation in epileptic and non-epileptic temporal cortex. *Epilepsia*, 1993, 34 (suppl. 6), 77.
9. Labiner DM, **Ahern GL**, Kolb MA, Johnson DS, and Vengrow MI. Gabapentin is both safe and effective in treating seizures associated with porphyria. *Epilepsia*, 1994, 35 (suppl. 8), 53.
10. Weinand ME, Carter LP, Oommen KJ, Hutzler R, Labiner DM, Talwar D, El-Saadany W, and **Ahern GL**. Response of human epileptic temporal lobe cortical blood flow to hyperventilation. *Epilepsia*, 1995, 36 (suppl. 4), 141.
11. Labiner DM, **Ahern GL**. Meta-analysis of vagus nerve stimulation in treating medically refractory epilepsy. *Epilepsia*, 1997, 38 (suppl. 8), 108.
12. Labiner DM, Schwirtz D, **Ahern GL**, MacDonald J, and Weinand ME. Shorter pulse width of vagal nerve stimulation is as effective in reducing seizure frequency as standard stimulation and is better tolerated. *Epilepsia*, 1999, 60 (suppl. 7), 141.
13. **Ahern GL**, Sollers J, and Thayer J. Heart rate and heart rate variability changes in the intracarotid sodium amytal test. *Neurology*, 2000, 54 (suppl. 3), A227.
14. Lane RD, Katsanis J, Nielsen L, **Ahern GL**, Kaszniak A. Absence of conscious emotional experiences in a woman with observable emotional responses. *Psychophysiology*, 2000, 77, s74.
15. Lane RD, Reiman EM, **Ahern GL**, Thayer JF. Activity in medial prefrontal cortex correlates with vagal component of heart rate variability during emotion. *Psychosomatic Medicine*, 2000, 62, 1286.
16. Lane RD, Reiman EM, **Ahern GL**, Thayer JF. Activity in medial prefrontal cortex correlates with vagal component of heart rate variability during emotion. *Brain and Cognition*, 2001, 47, 97-100.
17. Lane RD, McRae K, Reiman EM, **Ahern GL**, Thayer JF. Neural correlates of vagal tone during emotion. *Psychosomatic Medicine*, 2007, 69, A-8.

Book Chapters:

1. **Ahern GL**, Daffner KR, Duffy JD, and Mesulam MM. Selected Topics in Behavioral Neurology. In Jenike MA and Hyman S (Eds.), *Manual of Clinical Problems in Psychiatry*. Boston, Little Brown, 1990, pgs. 111-119.
2. **Ahern GL**. Acute Behavior Change. In Green HL, Johnson WP, and Maricic MJ (Eds.), *Decision Making in Internal Medicine*. Toronto, BC Decker, 1993, pgs. 342-343.
3. **Ahern GL**. Chronic Behavior Change. In Green HL, Johnson WP, and Maricic MJ (Eds.), *Decision Making in Internal Medicine*. Toronto, BC Decker, 1993, pgs. 344-347.
4. **Ahern GL**. Coma. In Green HL, Johnson WP, and Maricic MJ (Eds.), *Decision Making in Internal Medicine*. Toronto, BC Decker, 1993, pgs. 354-355.
5. **Ahern GL**. Memory Loss. In Green HL, Johnson WP, and Maricic MJ (Eds.), *Decision Making in Internal Medicine*. Toronto, BC Decker, 1993, pgs. 312-315.
6. Reiman EM, Lane RD, **Ahern GL**, Schwartz GE, and Davidson RJ. Positron Emission Tomography, Emotion, and Consciousness. In Hameroff SR, Kaszniak AW, and Scott AC (Eds.), *Toward A Science of Consciousness: The First Tucson Discussions and Debates*. Boston, MIT Press, 1996, pgs. 311-320.
7. **Ahern GL**. Acute Behavior Change. In Green HL, Johnson WP, and Lemcke D (Eds.), *Decision Making in Internal Medicine, 2nd Ed.* St. Louis, Mosby, 1998, pgs. 376-377.
8. **Ahern GL**. Chronic Behavior Change. In Green HL, Johnson WP, and Lemcke D (Eds.), *Decision Making in Internal Medicine, 2nd Ed.* St. Louis, Mosby, 1998, pgs. 378-381.
9. **Ahern GL**. Coma. In Green HL, Johnson WP, and Lemcke D (Eds.), *Decision Making in Internal Medicine, 2nd Ed.* St. Louis, Mosby, 1998, pgs. 384-385.
10. **Ahern GL**. Memory Loss. In Green HL, Johnson WP, and Lemcke D (Eds.), *Decision Making in Internal Medicine, 2nd Ed.* St. Louis, Mosby, 1998, pgs. 344-347.
11. Reiman EM, Lane RD, **Ahern GL**, Schwartz GE, and Davidson RJ. Positron Emission Tomography in the Study of Emotion, Anxiety, and Anxiety Disorders. In Lane RD, Nadel L, **Ahern GL**, Allen JB, Kaszniak AW, Rapcsak SZ, and Schwartz GE (Eds.), *Cognitive Neuroscience of Emotion*. New York, Oxford University Press, 2000, pgs. 389-406.

Books (Author/Editor):

1. Lane RD, Nadel L, **Ahern GL**, Allen JB, Kaszniak AW, Rapcsak SZ, and Schwartz GE (Eds.), *Cognitive Neuroscience of Emotion*. New York, Oxford University Press, 2000.

Conference Proceedings / Scholarly Presentations:

1. Jabre JF, Bauermeister W, Gan R, and **Ahern GL**. Relationships of various motor unit potential parameters to motor unit size. Presented at the American Association of EMG and Electrodiagnosis Annual Meeting in San Diego, CA, October 5-8, 1988.
2. Turkstra LS and **Ahern GL**. Electrodermal response and outcome from post-traumatic vegetative state. Presented at the 11th Annual Neurotrauma Society Meeting in Washington, DC, November 11, 1993.
3. Reiman EM, Lane RD, **Ahern GL**, Schwartz GE, Davidson RJ, and Yun LS. Neuroanatomical correlates of normal human emotion. Presented at the Society for Neuroscience Meeting, Washington, DC, November, 1993.
4. **Ahern GL**, Herring AM, Tackenberg JN, Schwartz GE, Seeger JF, Labiner DM, Weinand ME, and Oommen KJ. Affective self-report during the intracarotid sodium amobarbital test. Presented at the International Neuropsychological Society Meeting, Cincinnati, OH, February 2-5, 1994.
5. Lane RD, Reiman EM, **Ahern GL**, Schwartz GE, Davidson RJ, and Axelrod B. Neuroanatomical correlates of normal human emotion. Presented at the Annual Meeting of the American Psychosomatic Society in Boston, MA, April, 1994.
6. Lane RD, Reiman EM, **Ahern GL**, Schwartz GE, Davidson RJ, and Axelrod B. Neuroanatomical correlates of normal human emotion. Presented at the American Psychiatric Association Meeting in Philadelphia, PA, May 21-26, 1994.
7. Lane RD, Reiman EM, **Ahern GL**, Schwartz GE, Davidson RJ, and Axelrod B. Neuroanatomical correlates of normal human emotion. Presented at the Annual Meeting of the International Society for Research on Emotion in Cambridge, England, July, 1994.
8. Weinand ME, El-Saadany W, Carter LP, Labiner DM, Oommen KJ, Talwar D, and **Ahern GL**. Temporal lobe ischemia and epileptogenicity: Long-term cortical cerebral blood flow analysis of sequential seizures.

- Presented at the Neurosurgical section of the Annual American College of Surgeons Meeting, New Orleans, LA., October 22-26, 1995.
9. Labiner DM, McGregor T, **Ahern GL**, and Bell S. The cost of epilepsy in Yuma county, Arizona. Presented at the American Epilepsy Society Annual Meeting, Baltimore, MD., December 5, 1995.
 10. Weinand ME, El-Saadany W, Labiner DM, Talwar D, and **Ahern GL**. Subdural strip electrode monitoring and surgical decision making in refractory epilepsy: Validity and prognostic value of noninvasive localizing data. Presented at the 41st Annual Meeting, The Western Neurosurgical Society, Glenden Beach, OR, September 9-12, 1995.
 11. Lane RD, Reiman EM, **Ahern GL**, Schwartz GE, and Davidson RJ. Neuroanatomical correlates of happiness, sadness, and disgust. Presented at the First International Conference on Functional Mapping of the Human Brain, Paris, June 26-30, 1995.
 12. Lane RD, Reiman EM, **Ahern GL**, Schwartz GE, Davidson RJ, Axelrod B, and Yun L. Anterior cingulate cortex participates in the conscious experience of emotion. Presented at the 54th Annual Meeting of the American Psychosomatic Society, Williamsburgh, VA, March 7-10, 1996.
 13. Lane RD, Reiman EM, **Ahern GL**, Schwartz GE, and Davidson RJ. Neuroanatomical correlates of happiness, sadness, and disgust. Presented at the 54th Annual Meeting of the American Psychosomatic Society, Williamsburgh, VA, March 7-10, 1996.
 14. Lane RD, Reiman EM, Bradley MM, Lang PJ, **Ahern GL**, Davidson RJ, and Schwartz GE. Neuroanatomical correlates of positive and negative emotion. Presented at the Annual Meeting of the Society for Neuroscience, Washington, D.C., November 16-21, 1996.
 15. **Ahern GL**, Herring AM, Labiner DM, and Weinand ME. Quantification of hemispatial neglect during the intracarotid amytal procedure. Presented at the 25th Annual Meeting of the International Neuropsychological Society, Orlando, FL, February 5-8, 1997.
 16. Labiner DM and **Ahern GL**. A meta-analysis of vagus nerve stimulation in treating medically refractory epilepsy. Presented at the American Epilepsy Society Annual Meeting, Boston, MA., December 7-10, 1997.
 17. Reminger SL, Herring AM, **Ahern GL**, Weinand ME, and Labiner DM. The utility of neuropsychological test measures in the prediction of seizure lateralization in temporal lobe epilepsy. Presented at the 26th Annual Meeting of the International Neuropsychological Society, Honolulu, HI, February 4-7, 1998.
 18. Lane RD, Reiman EM, **Ahern GL**, and Thayer JF. Activity in medial prefrontal cortex correlates with vagal component of heart rate variability during emotion. Presented at the Annual Meeting of the Society for Neuroscience, Miami, FL, October 24, 1999.
 19. Labiner DM, Schwirtz D, **Ahern GL**, MacDonald J, Weinand ME. Shorter pulse width of vagal nerve stimulation is as effective in reducing seizure frequency as standard stimulation and is better tolerated. Presented at the Annual Meeting of the American Epilepsy Society, Orlando, FL, December 3-8, 1999.
 20. **Ahern GL**, Sollers J, and Thayer J. Heart rate and heart rate variability changes in the intracarotid sodium amytal test. Presented at the 52nd Annual Meeting of the American Academy of Neurology, San Diego, CA, April 29 - May 6, 2000.
 21. Lane RD, Katsanis J, Nielsen L, **Ahern GL**, Kaszniak A. Absence of conscious emotional experiences in a woman with observable emotional responses. Presented at Tucson IV: Toward a Science of Consciousness. Tucson, AZ, April, 2000.
 22. Sollers J, **Ahern GL**, and Thayer J. Heart rate and heart period variability changes in the intracarotid sodium amytal test. Presented at the 40th Annual Meeting of the Society for Psychophysiological Research, San Diego, CA, October 18-22, 2000.
 23. Lane RD, Katsanis J, Nielsen L, **Ahern GL**, Kaszniak A. Absence of conscious emotional experiences in a woman with observable emotional responses. Presented at Annual Meeting of the Society for Psychophysiological Research, San Diego, CA, October, 2000.
 24. Weinand ME, Hassan M, **Ahern GL**, and Labiner DM. Invasive versus noninvasive selection of temporal lobectomy candidates. Presented at the 51st Annual Meeting of the Congress of Neurological Surgeons, San Diego, CA, September 29 – October 4, 2001.
 25. Weinand ME, Labiner DM, and **Ahern GL**. Prognostic value of concordant localizing data in the selection of temporal lobectomy candidates. Presented at the Annual Meeting of the Western Neurosurgical Society, Victoria, British Columbia, September 15 – 18, 2001.
 26. Kawarai T, Rogaeva E, Song YQ, Moliaka Y, Medeiros H, Liang Y, Sato C, Ling S, Fong M, Kolesnikova T, Bergeron C, Lang AE, St. George-Hyslop P, Paterson AD, Orlacchio A, Bernardi G, Rockwood K, Allegri R,

- Rainero E, Pinessi E, Kertesz A, Bruni A, Freedman M, **Ahern GL**, Tuite P, and Fornazzari L. Low frequency of tau mutations and further genetic heterogeneity in FTD. Presented at the 8th Annual International Alzheimer's Disease Conference, Stockholm, Sweden, July 20 – 25, 2002.
27. Aisen PS, Schafer K, Grundman M, Farlow M, Sano M, Jin S, Thomas R, Thal L, and the Alzheimer's Disease Cooperative Study (incl. **Ahern GL**). Results of multicenter trial of rofecoxib and naproxen in Alzheimer's Disease. Presented at the 8th Annual International Alzheimer's Disease Conference, Stockholm, Sweden, July 20 – 25, 2002.
 28. Alexander GE, Wheeler-Rice L, Zhuang Y, Connor DJ, Sabbagh M, Baxter LC, **Ahern GL**, Herring A, Rapcsak S, Comer J, Shi J, Reyes PF, Woodruff B, Osborne D, Reiman EM, Caselli RJ, for the Arizona Alzheimer's Disease Consortium. Individual differences in attentional performance predict verbal learning in healthy elderly. Presented at the Arizona Alzheimer's Research Center 2005 Annual Meeting, Phoenix, AZ, April 22-23, 2005.
 29. Wheeler-Rice L, Alexander GE, Zhuang Y, Connor DJ, Sabbagh M, Baxter LC, **Ahern GL**, Herring A, Rapcsak S, Comer J, Shi J, Reyes PF, Woodruff B, Osborne D, Reiman EM, Caselli RJ. Individual differences in attentional performance predict verbal learning in healthy elderly. Presented at the 35th Annual Meeting of the Society for Neuroscience, Washington, D.C., November 12-16, 2005.
 30. Rapcsak SZ, Henry ML, Beeson PM, Baxter L, **Ahern GL**, Caselli RJ, for the Arizona Alzheimer's Disease Consortium. Written language processing in individuals with semantic dementia versus left posterior cerebral artery stroke: similarities and differences. Presented at the World Federation of Neurology Aphasia and Cognitive Disorders Research Group, Buenos Aires, Argentina, March 1-4, 2006.
 31. Lane RD, McRae K, Reiman EM, **Ahern GL**, Thayer JF. Neural correlates of vagal tone during emotion. Presented at the 64th Annual Meeting of the American Psychosomatic Society, Denver, CO, March 1-4, 2006.
 32. Lane RD, McRae K, Reiman EM, **Ahern GL**, Thayer JF. Neural correlates of vagal tone during emotion. Presented at the 65th Annual Meeting of the American Psychosomatic Society Meeting, Budapest, Hungary, March 7-10, 2007.
 33. Caselli RJ, Hentz JG, Osborne D, Sabbagh M, Connor D, **Ahern G**, Baxter L, Rapcsak S, Hutton MF, Reiman EM. Apolipoprotein E (APOE) e4 Selectively Accelerates Age-Related Memory Decline. Presented at the 60th Annual Meeting of the American Academy of Neurology, Chicago, IL, April 12-19, 2008.
 34. Caselli RJ, Dueck AC, Locke DEC, Sabbagh MN, **Ahern GL**, Baxter LC, Rapcsak SZ, Yaari R, Woodruff BK, Hoffman-Snyder C, Findley S, Reiman EM. Cerebrovascular Risk Factors Influence Age-Related Memory Decline. Presented at the 62nd Annual Meeting of the American Academy of Neurology, Toronto, Ontario, April 10–17, 2010.
 35. Alexander GE, Hanson KD, Bergfield KL, Hishaw GA, Bowen TA, Vargas IM, Lin L, Valfre ME, Aiken LS, Luecken LJ, Chen K, Reiman EM, **Ahern GL**, Huentelman MJ, Trouard TP, Moeller JR. Impact of hypertension and aerobic fitness on brain and cognitive aging: a network analysis of MRI gray matter in healthy late middle-aged and older adults. Presented at the Arizona Alzheimer's Consortium Annual Scientific Conference, Phoenix, AZ, June 10, 2011.
 36. Varteresian T, Langbaum JB, Reeder S, Hamilton E, Lallo F, Dougherty J, Rapcsak S, Shi J, Baxter L, **Ahern GL**, Brand H, Woodruff BK, Caselli RJ, Sabbagh M, Tariot PN, Reiman EM, Yaari Y. Evaluating depression in older Native Americans. Presented at the American Association for Geriatric Psychiatry, Washington, DC, March 16-19, 2012.