

Joel I. Shenker, M.D., Ph.D.

CONTACT INFORMATION

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EDUCATION

1998 M.D. College of Medicine, Univ. Illinois, Urbana-Champaign IL
1997 Ph.D. Graduate College, Univ. Illinois, Urbana-Champaign IL; *Psychology*
1991 M.A. Graduate College, Univ. Illinois, Urbana-Champaign IL; *Psychology*
1985 B.A. Univ. Pennsylvania, Philadelphia PA; *Biological Basis of Behavior, Psychology*

POST-GRADUATE TRAINING, CERTIFICATION

1998-1999 Internship Univ. Illinois, Urbana-Champaign IL; *Medicine*
1999-2002 Residency Univ. Virginia, Charlottesville VA; *Neurology*
2001-2002 Chief Resident Univ. Virginia, Charlottesville VA; *Neurology*
2002-2003 Fellowship Univ. Florida, Gainesville FL; *Behavioral-Cognitive Neurology*
2005- Licensure Missouri State Board of Healing Arts, #2005020352
2006- Diplomate American Board Neurology & Psychiatry; #53520; *Neurology*

PROFESSIONAL POSITIONS & APPOINTMENTS

2016- Associate Professor (pending) Neurology, Univ. Missouri, Columbia MO
2013- Program Director Neurology Residency, Univ. Missouri, Columbia MO
2012-2013 Assoc. Program Director Neurology Residency, Univ. Missouri, Columbia MO
2012- Staff Psychiatry, Univ. Missouri, Columbia MO
2012- Graduate Faculty Psychological Sciences, Univ. Missouri, Columbia MO
2012- Consulting Staff Physician Rusk Rehabilitation Center, Columbia MO
2011- Contracted Staff Physician Harry S. Truman Veteran's Medical Center, Columbia MO
2011-2016 Assistant Professor Neurology, Univ. Missouri, Columbia MO
2005-2011 Private Practice Neurology Inc., Columbia MO (Partner 2007-2011)
2005-2011 Medical Director Cognitive Services, Boone Hospital Center, Columbia MO
2005-2011 Neuroradiology reader Advanced Radiology, Columbia MO
2005-2011 Neuroradiology reader Boone Hospital Center, Columbia MO
2004-2005 Director Neurology Clerkship, School of Medicine, Univ. Virginia, Charlottesville VA
2003-2005 Clinical Instructor Neurology, Univ. Virginia, Charlottesville VA
1999-2005 Medical Staff Western State Psychiatric Hospital, Staunton, VA
1991-1992 Instructor Parkland College, Champaign IL

RECENT RESEARCH ACTIVITY / INTERESTS

2015- *Provoked re-emergence of ischemic cerebral events (PRICE)* (Univ. Missouri HSIRB# 2002501 HS); Principal investigator
2015- *Radiographic ocular gaze deviation in acute stroke* (Univ. Missouri HSIRB# 2001519 HS); Principal investigator
2015- *Screening for covert hepatic encephalopathy using the Montréal cognitive assessment test (MOCA test)* (Univ. Missouri HSIRB# 2001572 HS); Co-investigator.
2013- *Physician adherence to guidelines for the evaluation and diagnosis of Alzheimer disease* (Univ. Missouri HSIRB# 1210118); Principal investigator

- 2013- *Effect of elderberry juice on cognition and inflammation in patients with mild cognitive impairment* (Univ. Missouri HSIRB# 1205708); Co-investigator
- 2012- *Diet-stress... Alzheimer`s Disease* (Univ. Missouri HSIRB# 1127977); Co-investigator
- 2007-2009 OPTIMA trial, Novartis CENA713D2340, Neurology Inc., Columbia, MO; Site PI

FULL SEMESTER COURSES TAUGHT

- 2006-2010 *Case-Based Clinical Neuropsychology (graduate seminar)*; Psychological Sciences, Univ. Missouri, Columbia MO
- 1994-1998 *Issues in Medicine*; Univ. Illinois, Urbana-Champaign, IL
- 1992-1998 *Introductory Psychology Correspondence Course*; Univ. Illinois, Urbana-Champaign, IL
- 1991-1992 *Introductory Psychology*; Parkland College, Champaign, IL
- 1989-1995 *Introductory Psychology*; Univ. Illinois, Urbana-Champaign, IL
- 1987-1989 *Techniques of Biological Psychology*; Univ. Illinois, Urbana-Champaign, IL

OTHER TEACHING ACTIVITY

- 2011- Lecturer, School of Medicine, Univ. Missouri, Columbia, MO (*Higher Cortical Functions* (M1); *Coma & Disorders of Consciousness* (M1); *Neurological Localization* (M1); *NMDA Receptor Encephalitis* (M1); *Amyotrophic Lateral Sclerosis* (M1); *Neurofibromatosis - Acoustic Neuroma* (M1); *Myasthenia Gravis* (M1); *Parkinson Disease* (M1); *Cervical Spondylosis* (M1); *Seizures* (M1); *Alzheimer Disease* (M2); *Dementia* (M2); *Neurogenic Dementias* (M3))
- 2012- Panelist, Introduction to Patient Care, *Religion and Spirituality in Medicine*, School of Medicine, Univ. Missouri, Columbia, MO
- 2012- Preceptor, School of Medicine, Univ. Missouri, Columbia, MO (*Introduction to Patient Care* (M1); *Ambulatory Care Experience* (M1, M2); *Patient Based Learning* (M1); *Patient Based Learning* (M2))
- 2012- Lecturer, School of Health Professions, Univ. Missouri, Columbia, MO (*Behavioral Neurology*)
- 2012- Faculty medical student advisor, School of Medicine, Univ. Missouri, Columbia, MO
- 2012- Faculty resident advisor, Neurology, School of Medicine, Univ. Missouri, Columbia, MO
- 2002-2003 Lecturer, College of Medicine, Univ. Florida, Gainesville, FL (*Introduction to Clinical Neurology* (Dept. Speech & Language Therapy), *Adult Neurorehabilitation* (Dept. Physical Therapy), *Neuropsychology Assessment* (Dept. Clinical & Health Psychology))
- 1999-2005 Lecturer, School of Medicine, Univ. Virginia, Charlottesville, VA (*Aphasia & Cerebral Lateralization* (M1); *Eye Movement Disorders* (M1); *Clinical Neurology* (M4))
- 1999-2004 Preceptor, School of Medicine, Univ. Virginia, Charlottesville, VA (*Introduction to Clinical Medicine* (M1); *Clinical Case Correlation* (M1))
- 1998-1999 Lecturer, College of Medicine, Univ. Illinois, Urbana-Champaign, IL (*Clinical Laboratory Sciences*, (M2))
- 1998-1999 Preceptor, College of Medicine, Univ. Illinois, Urbana-Champaign, IL (*Introduction to Clinical Medicine* (M2))
- 1998 Teaching Assistant, Clinical Psychiatry, College of Medicine, Univ. Illinois, Urbana-Champaign, IL

COMMITTEE APPOINTMENTS

2016-	Admissions	School of Medicine, Univ. Missouri, Columbia, MO
2016-	Housestaff Compliment	School of Medicine, Univ. Missouri, Columbia, MO
2015-	Doctoral Thesis	Nair Neetu, Neuroscience, Univ. Missouri, Columbia, MO
2014-	Graduate Medical Education	School of Medicine, Univ. Missouri, Columbia, MO
2013-	PBL Block 3 Planning	School of Medicine, Univ. Missouri, Columbia, MO
2013-	Resident Recruitment	Chair, Neurology Residency, School of Medicine, Univ. Missouri, Columbia, MO
2013-	Clinical Competence	Chair, Neurology Residency, School of Medicine, Univ. Missouri, Columbia, MO
2013-	Doctoral Thesis	Bradley Ferguson, Psychological Sciences, Univ. Missouri, Columbia, MO
2012-	Student Promotions	School of Medicine, Univ. Missouri, Columbia, MO
2014	Master's Thesis	Pin-Wei Chen, Psychological Sciences, Univ. Missouri, Columbia, MO
2015	Resident Grievance	Chair, Graduate Medical Education Committee, Univ. Missouri, Columbia, MO
2013-2015	Applicant Screening	School of Medicine, Univ. Missouri, Columbia, MO
2012-2015	Admissions	School of Medicine, Univ. Missouri, Columbia, MO
2005-2011	Bioethics	Boone Hospital Center, Columbia MO
2004-2005	Student Promotions	School of Medicine, Univ. Virginia, Charlottesville VA
2004-2005	Clerkship Advisory	Department of Neurology, School of Medicine, Univ. Virginia, Charlottesville VA
2004-2005	Clinical Medicine	Department of Neurology, School of Medicine, Univ. Virginia, Charlottesville VA
2004-2005	Residency Education	Department of Neurology, School of Medicine, Univ. Virginia, Charlottesville VA
1997-1998	Education & Policy	School of Medicine; Univ. Illinois, Urbana-Champaign IL
1997-1998	Clinical Affairs	School of Medicine; Univ. Illinois, Urbana-Champaign IL
1997-1998	Intro. Clinical Medicine	School of Medicine; Univ. Illinois, Urbana-Champaign IL
1996-1998	Student Government	<i>Representative</i> 1996-1998, <i>President</i> 1997-1998; School of Medicine; Univ. Illinois, Urbana-Champaign IL
1996-1997	Awards & Scholarship	School of Medicine; Univ. Illinois, Urbana-Champaign IL
1994-1995	Research Symposium	Medical Scholars Program, School of Medicine; Univ. Illinois, Urbana-Champaign IL
1992-1993	Advisory	Medical Scholars Program, School of Medicine; Univ. Illinois, Urbana-Champaign IL
1989-1991	Admissions	School of Medicine; Univ. Illinois, Urbana-Champaign IL
1987-1988	Advisory	Medical Scholars Program, School of Medicine; Univ. Illinois, Urbana-Champaign IL
1982-1984	Judicial Court	Univ. Pennsylvania, Philadelphia PA

HONORS & AWARDS

2016	<i>Alpha Omega Alpha</i> , Faculty Honoree, School of Medicine, Univ. Missouri, Columbia MO
2015	Excellence in Education, Clinical Faculty Award, Medical Student Affairs Council, Univ. Missouri, Columbia MO
2014	Outstanding Pre-Clinical Faculty Educator, School of Medicine, Univ. Missouri, Columbia MO
2012	Outstanding Teacher Award, Neurology Residency Program, School of Medicine, Univ. Missouri, Columbia MO

- 2003 Clinical Research Fellowship Award, American Academy of Neurology Foundation
- 2002 James Q. Miller Teaching Award, Department of Neurology, School of Medicine, Univ. Virginia, Charlottesville, VA
- 2001 Intern of the Year, Internal Medicine Residency Program, College of Medicine, Univ. Illinois, Urbana-Champaign, IL
- 1998 David Mortimer Olkon award for most outstanding medical student in a neurology or psychiatry clerkship, College of Medicine, Univ. Illinois, Urbana-Champaign, IL
- 1998 Charles C. C. and Patricia J. O'Morchoe award for the most accomplished medical student in promoting student learning, College of Medicine, Univ. Illinois, Urbana-Champaign, IL
- 1998 Granville A. Bennett teaching award for most significant contributions to medical education by a senior medical student, College of Medicine, Univ. Illinois, Urbana-Champaign, IL
- 1998 Student Leadership Award, Alumni Association, College of Medicine, Univ. Illinois, Urbana-Champaign, IL
- 1996 Most Outstanding Staff Member, Panhellenic Council, Univ. Illinois, Urbana-Champaign, IL
- 1995 Dissertation Research Award, American Psychological Association
- 1995 Best Teacher of Freshmen Students, Alpha Lambda Delta Freshman Honor Society, Univ. Illinois, Urbana-Champaign, IL
- 1994 Luckman Award for Distinguished Undergraduate Teaching (*top six career graduate student teachers across all colleges at University*), Univ. Illinois, Urbana-Champaign, IL
- 1994 Award for Excellence in Undergraduate Teaching (*top 15 career graduate student teachers in the College*), College of Liberal Arts and Sciences, Univ. Illinois, Urbana-Champaign, IL
- 1994 Distinguished Faculty Member, Kappa Sigma Fraternity, Univ. Illinois, Urbana-Champaign, IL
- 1993 Best Teacher of Freshmen Students, Alpha Lambda Delta Freshman Honor Society, Univ. Illinois, Urbana-Champaign, IL
- 1993 Most Outstanding Teacher of Freshmen Students, Golden Key National Honor Society, Univ. Illinois, Urbana-Champaign, IL
- 1984 Exxon College Essay Award, Univ. Pennsylvania, Philadelphia
- 1983 Exxon College Essay Award, Univ. Pennsylvania, Philadelphia

TRAINING GRANTS, SCHOLARSHIPS, & OTHER TRAINING ACTIVITY

- 2003-2005 Clinical Research Fellowship Training Grant, #02-84500-2003, American Academy of Neurology Foundation, Corporate Roundtable
- 2002-2003 Veterans Administration Special Fellowship in Psychiatry Research/Neurosciences, Veterans Administration Medical Center, Gainesville, FL
- 2001 Resident Travel Scholarship, American Neurological Association
- 1996-1997 Academic Fellowship, Medical Scholars Program, College of Medicine, Univ. Illinois Urbana-Champaign, IL
- 1991-1992 Behavioral Neuroscience Training Grant, #5 T32 MH18412-05, National Institute of Mental Health
- 1990 Research Fellowship, Center for the Neurobiology of Learning and Memory, Beckman Institute for Advanced Science & Technology, Univ. Illinois, Urbana-Champaign, IL
- 1988-1997 Research Assistant to Marie Banich, Ph.D., Department of Psychology, Beckman Institute for Advanced Science & Technology, Univ. Illinois Urbana-Champaign, IL
- 1986-1988 Research Assistant to Dr. Michael Gabriel, Ph.D., Department of Psychology, Univ. Illinois Urbana-Champaign, IL
- 1986-1987 Academic Fellowship, Graduate College, Univ. Illinois, Urbana-Champaign, IL
- 1985-1986 Research Assistant to Alan Fridlund, Ph.D., Department of Psychology, Univ. Pennsylvania, Philadelphia PA

- 1983-1985 Research Assistant to Paul Rozin, Ph.D., Department of Psychology, Univ. Pennsylvania, Philadelphia PA
- 1983 Student Intern to Muriel Lezak, Ph.D., Department of Neuropsychology, Veterans Administration Medical Center, Portland, OR

AD HOC MANUSCRIPT REVIEW, BOOK REVIEW

1. 2015, manuscript review, *Missouri Medicine*
2. 2014, manuscript review, *Journal of Neurology & Psychology*
3. 2008, manuscript review, *Neurology*
4. 2007, book reviews, *J. Neurophthalmology*
5. 2005-2006, manuscript review, *Journal of Neurology, Neurosurgery, and Psychiatry*

ORIGINAL PEER-REVIEWED ARTICLES

1. Roberts, M.H. & Shenker, J.I. (pending 2nd review). Non-optic vision: Beyond synesthesia. *Brain & Cognition*.
2. Shenker, J.I. & Roberts, M.H. (2016). Simultanagnosia: When all you can see are trees, the forest still rules. *Neurocase*. doi 10.1080/13554794.2015.1137949
3. Ghacibeh, G., Shenker, J.I., Winter, K.H., Triggs, W. J., & Heilman, K.M. (2007). Dissociation of neglect subtypes with transcranial magnetic stimulation. *Neurology*, 69(11), 1122-1127.
4. Ghacibeh, G.A., Shenker, J.I., Shenal, B., Uthman, B.M., & Heilman, K.M. (2006). The influence of vagus nerve stimulation on memory. *Cognitive & Behavioral Neurology*, 19(3), 119-122.
5. Ghacibeh, G.A., Shenker, J.I., Shenal, B., Uthman, B. & Heilman, K.M. (2006). Effect of vagus nerve stimulation on creativity and cognitive flexibility. *Epilepsy & Behavior*, 8(4), 720-725.
6. Shenker, J.I. (2005, Epub). Teaching biology in a psychology class: How to use Case Stories and Other Methods to Delight Yourself and Your Students. *American Psychological Society Teaching Tips* (<http://www.psychologicalscience.org/teaching/tips>)
7. Shenker, J.I., Wylie, S.A., Fuchs, K., Manning, C.A., & Heilman, K.M. (2004). Online anosognosia: Unawareness for chorea in real time but not on videotape delay. *Neurology*, 63 (1), 159-160.
8. Banich, M.T., Milham, M.P., Atchley, R., Cohen, N.J., Webb, A., Wszalek, T., Kramer, A.F., Liang, Z.-P., Wright, A., Shenker, J., & Magin, R. (2000). fMRI studies of Stroop tasks reveal unique roles of anterior and posterior brain systems in attentional selection. *J. Cog. Neurosci.*, 12 (6), 988-1000.
9. Gabriel, M., Cuppernell, C., Shenker, J.I., Kubota, Y., Henzi, V., & Swanson, D. (1995). Mammillothalamic tract transection blocks anterior thalamic training-induced neuronal plasticity and impairs discriminative avoidance behavior in rabbits. *J. Neurosci.*, 15(2), 1437-1445.
10. Banich, M.T. & Shenker, J.I. (1994b). Dissociations in memory for item identity and item frequency: Evidence from hemispheric processing. *Neuropsychologia*, 32(10), 1179-1194.
11. Banich, M.T. & Shenker, J.I. (1994a). Investigations of interhemispheric processing: Methodological considerations. *Neuropsychology*, 8(2), 263-277.
12. Fridlund, A.J., Sabini, J.P., Hedlund, L.E., Schaut, J.A., Shenker, J.I., & Knauer, M.J. (1990). Audience effects on solitary faces during imagery: Displaying to the people in your head. *J. Nonverbal Behavior*, 14, 113-137.
13. Rozin, P. & Shenker, J. (1989). Liking oral cold and hot irritant sensations: Specificity to type of irritant and locus of stimulation. *Chemical Senses*, 14(6), 771-779.
14. Lawless, H., Rozin, P. & Shenker, J. (1985). Effects of oral capsaicin on gustatory, olfactory and irritant sensations and flavor identification in humans who regularly or rarely consume chili pepper. *Chemical Senses*, 10(4), 579-589.

BOOKS AND CHAPTERS

1. Goss-Lucas, S., Allman, A., Shenker, J.I., & Bernstein, D.A. (2003). *Instructor's Manual for Psychology, 6th Edition*. Boston: Houghton Mifflin.
2. Goss-Lucas, S., Allman, A., Shenker, J.I., & Bernstein, D.A. (2000). *Instructor's Manual for Psychology, 5th Edition*. Boston: Houghton Mifflin.
3. Shenker, J.I. (2007). Classical conditioning: An all-purpose demonstration. In Ludy Benjamin (Ed.), *Activities Handbook for the Teaching of Psychology, Volume 4*. Washington, D.C.: APA.
4. Shenker, J.I. (1998). Classical conditioning: An all-purpose demonstration. In Ludy Benjamin (Ed.), *Activities Handbook for the Teaching of Psychology, Volume 4*. Washington, D.C.: APA.
5. Shenker, J.I., Goss, S.S., & Bernstein, D.A. (1997). *Instructor's Manual for Psychology, 4th Edition*. Boston: Houghton Mifflin.
6. Goss, S.S., Shenker, J.I., & Bernstein, D.A. (1994). *Instructor's Manual for Psychology, 3rd Edition*. Boston: Houghton Mifflin.
7. Gabriel, M., Kubota, Y. & Shenker, J. (1988). Limbic circuit interactions during learning. In H.J. Markowitsch (Ed.), *Information Processing by the Brain*. Toronto: Hans Huber, 39-63.

POSTERS, ABSTRACTS, AND OTHER PAPERS

1. Shenker, J.I., Dugula, R. (2016). Provoked re-emergence of ischemic cerebral events (PRICE) syndrome: Getting concrete about a common clinical belief. American Academy of Neurology Annual Meeting, Vancouver BC, Canada.
2. Shenker, J.I., Kandimalla, J., Kunal, B., Wadwha, A. (2015). Does DSM-5 change who gets diagnosed with Alzheimer Disease, and who's checking? American Academy of Neurology Annual Meeting, Washington, D.C.
3. Shenker, J.I., Kandimalla, J., Kunal, B., Wadwha, A. (2015). Who uses the data-supported, AAN practice parameters for detecting and diagnosing Alzheimer disease, and how often? American Academy of Neurology Annual Meeting, Washington, D.C.
4. Shenker, J.I. (2013). Reversible Capgras syndrome due to temporal lobe dysfunction, American Neurology Association Annual Meeting, New Orleans, LA (October 2013)
5. Kristin, K., Shenker, J., Vinyard, P., Goss, M., & Wood, L. Improving the quantity of consult notes sent to referring providers in an outpatient neurology clinic. UMHS Innovation and Improvement Sharing Days Conference, School of Medicine, Univ. Missouri, Columbia, MO (April 2013)
6. Shenker, J.I. (2004). Global visual perception implicitly dominates performance in simultanagnosia. *Society for Neuroscience Annual Meeting Abstracts*, San Diego, CA
7. Ghacibeh, G. A., Shenker, J., Shenal, B., Uthman, B., Heilman, K. M. (2004). Vagus nerve stimulation, memory and creativity. Paper presented at the American Academy of Neurology Annual Meeting, San Francisco, CA.
8. Shenker, J.I., Ghacibeh, G.A., Malmad, J., Crucian, G.P., Mielke, J.B., Rhodes, R.D., Shenal, B.V., & Heilman, K.M. (2004). Better the hand you know: Dissociation in body schema and metric length judgments in neurologically intact humans. *International Neuropsychological Society 32nd Annual Meeting Program and Abstracts*.
9. Shenker, J.I. & Brashear, H.R. (2004). Selective subcortical damage to the "what" vs. "where-how to" visual system in a human. *International Neuropsychological Society 32nd Annual Meeting Program and Abstracts*.
10. Mielke, J.B., Crucian, G.P., Shenal, B., Rhodes, R., Burks, D., Womack, K., Kodsí, M., Ghacibeh, G., Shenker, J., Valenstein, E., & Heilman, K.M. (2004). Effects of donepezil on semantic processing and verbal memory in healthy elder adults. *International Neuropsychological Society 32nd Annual Meeting Program and Abstracts*.
11. Shenker, J.I., Milham, M., & Banich, M.T. (1998). Factors modulating interhemispheric interaction. *Society for Neuroscience Abstracts*, 23, 1587.

12. Shenker, J.I., Dori, E., & Banich, M.T. (1994). Hemispheric contributions to facilitation & inhibition in a Stroop paradigm. *International Neuropsychological Society Program & Abstracts*, 22, 71.
13. Shenker, J.I. (1992). A poor picture? *The New Physician*, 41(2), 5.
14. Shenker, J.I. & Stolar, N. (1991). Baldness and hydrofriction. *Journal of Irreproducible Results*, 36, 9-10.
15. Fridlund, A.J., Sabini, R., Hedlund, L.E., Schaut, J.A., Shenker, J.I., & Knauer, M.J. (1988). The sociality of solitary smiles: Displaying to the people in your head. *Psychophysiology*, 25, 447-448.
16. Kubota, Y., Shenker, J., Mignard, M., Bentzinger, D. & Gabriel, M. (1987). AD thalamic lesions, AV thalamic and cingulate cortical neuronal activity, and avoidance learning in rabbits. *Society for Neuroscience Abstracts*, 13, 1104.
17. Shenker, J., Kubota, Y., Mignard, M., Cuppernell, C., Swanson, D. & Gabriel, M. (1987). Neuronal and behavioral correlates of bilateral mammillothalamic tract lesions during avoidance learning in rabbits. *Society for Neuroscience Abstracts*, 13, 1103.
18. Shenker, J. (1983). Continental drift: Conceptual outlines and evolutionary implications. *Undergraduate Essay Awards*, Univ. Pennsylvania, 44-48.

SELECTED SCIENTIFIC & INVITED PRESENTATIONS

1. *Broken Social Brains*. Invited keynote address. Southwest Psychology Association, San Antonio, TX (anticipated, April 2017).
2. *The Spectrum of Parkinsonism*. Invited Address. Parkinson Disease Support Group, Columbia, MO (January 2017)
3. *Past, Current, and Future Treatment of Alzheimer Disease*. Invited Plenary Address. 26th Annual Caring for the Frail and Elderly Conference, Family Medicine, Univ. Missouri, Columbia, MO (anticipated, August 2016)
4. *Neurocognitive Competency*. Neurology-Neurosurgery Grand Rounds. School of Medicine, Univ. Missouri, Columbia, MO (anticipated, August 2016)
5. *Parkinsonism*. Invited Address. Parkinson Disease Support Group, Columbia, MO (December 2015)
6. *Sight vs. Vision*. Invited Grand Rounds, Family Medicine, Univ. Missouri, Columbia, MO (October 2015)
7. *The Eight Big Things to Do About Dementia*. Invited Address. 25th Annual Caring for the Frail and Elderly Conference, Family Medicine, Univ. Missouri, Columbia, MO (August 2015)
8. *Communicating the Alzheimer Disease Diagnosis*, Invited Grand Rounds, Family Medicine, Univ. Missouri, Columbia, MO (July 2015)
9. *Medicine & Religion*. Invited panelist, School of Medicine, Univ. Missouri, Columbia, MO (2012-2016)
10. *Stroke Ethics*. Invited Address. Annual Stroke Review and Update. Boone Hospital Center, Columbia MO (February 2015).
11. *What's New in the Diagnosis & Treatment of Alzheimer Disease?* Invited Address. 25th Annual Gerontology Clinical Update, Sinclair School of Nursing, Univ. Missouri, Columbia, MO (December 2014).
12. *Parkinsonian Memory Loss*. Invited Address. Parkinson Disease Support Group, Columbia, MO (December 2014)
13. *Memory Loss*. Invited Address. Alzheimer Association, Mid-Missouri Chapter (July 2014)
14. *Double Dissociation of Sight vs. Vision in Healthy and Diseased Brains*. Neurology-Neurosurgery Grand Rounds, School of Medicine, Univ. Missouri, Columbia, MO (May 2014)
15. *Brain-Mind-Behavior in 21st Century: A Neurologist's View on Why We Need Psychology*, Invited address, National Institute on the Teaching of Psychology, St. Petersburg Beach, FL (January 2014)
16. *Cognitive Behavioral Neurology and Traumatic Brain Injury*, Invited talk, Brain Injury Support Group, Columbia MO (November 2013)

17. *The Woman Who Thought My Nose Was a Hand, and Other Cognitive Neurology Syndromes You'll Actually See ... If You Look*, Invited Grand Rounds, Department of Medicine, Good Samaritan Hospital, Cincinnati, OH (October 2013)
18. *Memory Loss*. Invited Address. Alzheimer Association, Mid-Missouri Chapter (April 2013)
19. *The Clinical Construct of Alzheimer Disease*. Invited Address. Seminars in Translational Neuroscience, Univ. Missouri, Columbia, MO (February 2013)
20. *Memory Loss*. Invited Address. Alzheimer Association, Mid-Missouri Chapter (June 2012)
21. *Neurology Careers*. Invited panelist, School of Medicine, Univ. Missouri, Columbia, MO (April 2012, April 2013)
22. *The Differential Diagnosis of Dementia*. Invited Address, Primary Care Conference, Audrain Medical Center, Mexico, MO (December 2012)
23. *Cognitive Deficits in Parkinson Disease*. Invited Address, Parkinson Disease Association, Columbia, MO (August 2012)
24. *Differentiating Dementias*. Invited Address. 22nd Annual Caring for the Frail and Elderly Conference, Family Medicine, Univ. Missouri, Columbia, MO (August 2012)
25. *The Depressed Lady Who Wasn't: A Behavioral Neurology Live Case Presentation*. Neurology-Neurosurgery Grand Rounds. School of Medicine, Univ. Missouri, Columbia, MO (July 2012)
26. *Famous Frequent Frightening Phenotypical Faces of Fickle FTD*. Invited Address. Boone County Medical Society, Columbia, MO (March 2012)
27. *Delivering Bad News*. Invited Address, Palliative Care Conference, Boone Hospital Center, Columbia, MO (November 2011)
28. *Sara N. Dipety: The Queen of Teachable Moments in the Clinic, and Beyond*. Invited Keynote Speaker, Sixth Annual Applied Conference on Applied Learning in Higher Education, Missouri Western State Univ., St. Joseph, MO (February 2011)
29. *Patients as Teachers*. Invited address, Fifth Annual Applied Conference on Applied Learning in Higher Education, Missouri Western State Univ., St. Joseph, MO (February 2010)
30. *Vascular Cognitive Impairment*. Stroke CME Conference, Boone Hospital Center, Columbia, MO, (December 2010)
31. *The Many Faces of Loss*. Invited Key Note Address, Palliative Care Conference, Boone Hospital Center, Columbia, MO (November 2010)
32. *Dementia, Parkinsonism, and All That Jazz: A Specific Guide to Evaluation & Management*. Internal Medicine Association of America, Primary Care Update CME, Columbia, MO (April 2010)
33. *Capgras Syndrome*, Boone County Medical Society, Columbia, MO (March 2010)
34. *Teaching Using Case Histories*. Fifth Annual Applied Conference on Applied Learning in Higher Education, Missouri Western State Univ., St. Joseph, MO (February 2009)
35. *Recent Advances in Biopsychology*. National Institute on the Teaching of Psychology, St. Petersburg Beach, FL (January 2008)
36. *The Arrogance of Consciousness: How the Mind Sees, and Misses, Health and Disease*. Department of Psychology, Western Missouri State Univ., St. Joseph, MO (November 2006)
37. *Memory Loss: A Primary Care Problem, and Opportunity*, Internal Medicine Association of America, Primary Care Update CME, Columbia, MO (April 2007)
38. *Dementia Differential Diagnosis and Treatment*. 17th Annual Coming Together in Advanced Practice Conference, Missouri Nurses Association and Missouri Coalition of Nurses in Advanced Practice, Columbia, MO (April 2007)
39. *Alzheimer's Disease as a Diagnosis of Inclusion*, Primary Care Update CME, Kirksville College of Medicine, Tan-Tar-A Resort, Lake of the Ozarks, MO (August 2006)
40. *Simultanagnosia*. Neurology-Neurosurgery Grand Rounds, Univ. Missouri, Columbia, MO (August 2006)

41. *Successful Migraine Strategies*, Internal Medicine Association of America, Primary Care Update CME, Columbia, MO (April 2006)
42. *CABG, CAD, and Cognition*. Cardiology Update CME Activity, Boone Hospital Center, Columbia, MO (February 2006)
43. *An Overview of fMRI Research on the Brain: A Lovely Picture, but ... Where's the Beef?* Invited address, National Institute on the Teaching of Psychology, St. Petersburg Beach, FL (January 2006)
44. *When You Only See Trees, Is There Still a Forest?* American Academy of Neurology Annual Meeting, Miami Beach, FL (April 2005)
45. *The Aging of America, Memory Disorders, and the Future of Health Care Delivery*, Invited address, Dementia Symposium, Western State Psychiatric Hospital, Staunton, VA (November 2004)
46. *Anosognosia: The Lady Who Didn't Know She Couldn't Move*. Grand Rounds, Department of Psychiatry, School of Medicine, Univ. Virginia, Charlottesville, VA (February 2004)
47. *Teaching Biological Psychology: How to Use Case Stories and Other Methods to Delight Your Students, and Yourself*. Invited address, National Institute on the Teaching of Psychology, St. Petersburg Beach, FL (January 2004)
48. *What Did the Hemiplegic Know, and When Did She Know It?* Grand Rounds, Department of Neurology, School of Medicine, Univ. Virginia, Charlottesville, VA (December 2003)
49. *Anosognosia in Neurologic Disease*. Invited address, Dementia Symposium, Western State Psychiatric Hospital, Staunton, VA (November 2003)
50. *What to Do With the Forgetful Patient in a Primary Care Clinic*. Internal Medicine Residency, College of Medicine Univ. Illinois, Urbana-Champaign, IL (July 2003)
51. *Brain Mechanisms of Anosognosia*. American Academy of Neurology Annual Meeting, Honolulu, HI (April 2003)
52. *Anosognosia*. Center for Neuropsychological Studies, Univ. Florida, Gainesville, FL (March 2003)
53. *Remembering, Misremembering, and Knowing About It: What's Right, and What's Left?* Center for Neuropsychological Studies, Univ. Florida, Gainesville, FL (November 2002)
54. *Transient Global Amnesia: Not So Transient, Definitely not Global, and ... What Was I Saying?* Neurology Grand Rounds, School of Medicine, Univ. Virginia, Charlottesville VA (May 2002)
55. *Transient Global Amnesia*. Grand Rounds, Western State Hospital, Staunton, VA (May 2002)
56. *Spongiform Encephalopathy*, Neurology Grand Rounds, School of Medicine, Univ. Virginia, Charlottesville VA (January 2000)
57. *Beyond the Split Brain*, Internal Medicine Residency Program, College of Medicine, Univ. Illinois, Urbana-Champaign, IL (December 1998)
58. *Human Cerebral Hemispheres as an Accessible Example of the Binding Problem*, Medical Scholars Research Symposium, College of Medicine, Univ. Illinois, Urbana-Champaign, IL (February 1996)
59. *What Your Students Really Think: Student Perspectives in the Teaching of Psychology*, National Institute on the Teaching of Psychology, St. Petersburg Beach, FL (January 1994)
60. "Acting Out" *the Structure and Function of Neurons*, Midwestern Psychological Association, Chicago, IL (May 1990)
61. *A Model of Neural Interactions During Learning*, Allerton Retreat, Medical Scholars Program, College of Medicine, Univ. Illinois, Urbana-Champaign, IL (August 1987)
62. *Mammillary Body Input to Anterior Thalamus: Implications for Amnesia*, Student Medical Research Forum, College of Medicine, Univ. Illinois, Chicago, IL (January 1987)

PROFESSIONAL MEMBERSHIPS

American Academy of Neurology
 American Neurological Association
 Association of University Professors of Neurology
 Alpha Omega Alpha Medical Honor Society