

## Curriculum Vitae

**NAME** Michael Todd Allen

**Position** Associate Professor (tenured)  
School of Psychological Sciences  
College of Education and Behavioral Sciences  
University of Northern Colorado  
Greeley, CO 80639

**TELEPHONE** Office: (970) 351-2532

### EDUCATION

<b>Years</b>	<b>Degree</b>	<b>Institution</b>	<b>Area of Study</b>
2002-1996	Postdoctoral Fellow	Rutgers University	Behavioral Neuroscience
2000	Ph.D.	Indiana University	Neural Science/ Psychology
1991	B.A.	North Carolina State University	Psychology Honors

### WORK EXPERIENCE

<b>Year(s)</b>	<b>Institution</b>	<b>Position</b>	<b>Responsibilities</b>
8/07 – present	University of Northern Colorado	Associate Professor	Teaching, Research & Service
4/05 - 4/09	University of Northern Colorado	Graduate Faculty Doctoral Research Endorsement	Teaching & Research
8/03-7/07	University of Northern Colorado	Assistant Professor	Teaching, Research & Service
8/02- 5/03	College of Charleston	Visiting Assistant Professor	Teaching & Research
5/96 - 7/02	Rutgers University	Postdoctoral Research Associate	Research
1/94 - 5/96	Indiana University	Associate Instructor	Teaching

### AREAS OF SPECIALIZATION

Behavioral Neuroscience / Neural Substrates of Learning and Memory

**RESEARCH AREA/INTERESTS**

- Exploring the neural substrates of learning and memory.
- Using rabbit eyeblink conditioning as an environmental model of Alzheimer's disease.
- Brain based education.
- Metacognitive strategy use in learning

**PUBLICATIONS**

**Juried/Peer Reviewed Articles**

Allen, M.T., Padilla, Y., Myers, C.E., & Gluck, M.A. (2002) Selective hippocampal lesions disrupt a novel cue effect but fail to eliminate blocking in rabbit eyeblink conditioning. *Cognitive, Affective and Behavioral Neuroscience*. 2(4), 318-328.

Allen, M.T., Chelius, L., & Gluck, M.A. (2002) Selective entorhinal lesions and non-selective cortical-hippocampal region lesions, but not selective hippocampal lesions, disrupt learned irrelevance in rabbit eyeblink conditioning. *Cognitive Affective and Behavioral Neuroscience* 2. 214-226.

Rokers, B., Mercado, E., III, Allen, M. T., Myers, C. E., & Gluck, M. A. (2002) A connectionist model of septohippocampal dynamics during conditioning: Closing the loop. *Behavioral Neuroscience*. 116, 48-62.

Allen, M.T., Padilla, Y., & Gluck, M.A. (2002) Ibotenic acid lesions of the medial septum retard delay eyeblink conditioning in rabbits. *Behavioral Neuroscience*. 116 (4), 733-738.

Allen, M.T., Myers, C., Schnirman, G., Chelius, L., Masand, V., & Gluck, M. (2002) A comparison of latent inhibition and learned irrelevance pre-exposure effects in rabbit and human eyeblink conditioning. *Integrative Physiological and Behavioral Science*, 37(3):188-214

Allen, M.T., Padilla, Y., Myers, C.E., & Gluck, M.A. (2002) Blocking in rabbit eyeblink conditioning is not due to learned inattention. *Integrative Physiological and Behavioral Science*. 37 (4): 254-264.

Allen, M.T. (2001) Learning and Memory, Computational Models. In: *The International Encyclopedia of the Social and Behavioral Sciences* 13. London: Elsevier Publishing.. 8588-8593.

Gluck, M.A., Allen, M.T., Myers, C.E., & Thompson, R.F. (2001) Cerebellar substrates for error-correction in motor conditioning. *Neurobiology of Learning and Memory*. 76, 314-341.

**Juried/Peer Reviewed Articles Continued**

Shohamy, D. Allen, M.T., & Gluck, M.A. (2000) Dissociating Entorhinal and Hippocampal Involvement in Latent Inhibition. *Behavioral Neuroscience*. 114. 867-874.

Allen, M.T., & Steinmetz, J.E. (1996). A nitric oxide synthase inhibitor delays the formation of learning-related neural activity in the cerebellar interpositus nucleus during rabbit eyelid conditioning. *Pharmacology, Biochemistry & Behavior*, 53(1), 147-153.

Gabriel, M., Kang, E., Poremba, A., Kubota, Y., Allen, M.T., Miller, D.P., & Steinmetz, J.E. (1996). Neural substrates of discriminative avoidance learning and classical eyeblink conditioning in rabbits: a double dissociation. *Behavioural Brain Research*, 82, 23-30.

Chapman, P.F., Atkins, C.M., Allen, M.T., Haley, J.E., Steinmetz, J.E. (1992) Inhibition of nitric oxide synthesis impairs two different forms of learning. *Neuroreport*. 3. 567-570.

### **Juried/Peer Reviewed Review Articles**

Allen, M.T., Gluck, M.A., & Myers (2001) Parallel neural systems for stimulus selection in classical conditioning: support from computational modeling. *Integrative Physiological and Behavioral Science*. 36(1), 36-61.

### **Juried Book Chapters**

Murry, F.R. & Allen, M.T. (in press) Four strategies to create positive transition outcomes for students with ebd. In D. Cheney (Ed), *Transition of secondary students with emotional or behavioral disorders: Current approaches for positive outcomes (2nd edition)*. Arlington, VA: Council for Exceptional Children, Division on Career Development and Transition & The Council for Exceptional Children.

### **Non juried Book Chapters**

Gluck, M.A., Allen, M.T., & Myers, C.E. (2001) Medial septal modulation of conditioning: from two stage learning theories to connectionist models. *Model Systems and the Neurobiology of Associative Learning: A Festschrift in Honor of Richard F. Thompson*. (eds. J.E. Steinmetz, M.A. Gluck, & P.R. Solomon) Lawrence Earlbaum & Associates. pp. 295-316.

Allen, M.T., Myers, C.E., & Gluck, M.A. (2000) Neural network approaches to eyeblink classical conditioning. *Eyeblink Classical Conditioning : Animal*. (eds. D.S. Woodruff-Pak & J.E. Steinmetz). Kluwer Academic Publishers.

## **PROFESSIONAL PRESENTATIONS**

### **Juried Presentations**

- Allen, M.T. (2009) Tattoos and touch revisited: black ink is more disruptive than color ink  
RMPA, Albuquerque, NM.
- Allen, M.T. (2009) Timelines for the development of different learning systems in the brain:  
implications for teaching diverse populations with emotional/behavioral disorders. 8<sup>th</sup>  
Bienial International Conference on Children and Youth with Behavioral Disorders  
Council for Children with Behavior Disorders, Denver, CO Sept. 2009
- Allen, M.T. & Clark, C.L. (2009) Length of time of ipod use, not volume is related to high  
frequency hearing loss. RMPA, Albuquerque, NM.
- Allen, M.T. (2008) Steinmetz Lab: "The Middle Years" 1993-1998  
As part of the Symposium in Honor of Joseph E. Steinmetz at the Annual Meeting of the  
Pavlovian Society, Weekhawken, NJ.
- Humphrey, M.J., Allen, M.T., & Murry, F.R. (2008) "Brain-based" education practices:  
what do teachers "think" they know? *Rocky Mountain Psychological Association*, Boise,  
ID.
- Mitton, L., Glover, S., & Scherr, K. (2008) Geek chic: the effects of female engineering  
mentoring on self-esteem and metacognition. *Rocky Mountain Psychological  
Association*, Boise, ID. Faculty Advisor
- Murry, F.R, Allen, M.T., & Humphrey, M.J. (2008) Girls at risk of success in science  
and engineering: metacognition and self-regulation. *Rocky Mountain Psychological  
Association*, Boise, ID.
- Allen, M.T. (2007) Do Tattoos Alter Two-Point Touch Discrimination? *Rocky Mountain  
Psychological Association*. Denver, CO.
- Mckinney, C.J., & Allen, M.T. (2007) Pomegranate Juice Reverses Alzheimer-like Cognitive  
Impairments in Copper-Cholesterol Fed Rabbits. *Rocky Mountain Psychological  
Association*. Denver, CO.
- Allen, M.T., Murry, F.R., & Karlin, N.J. (2006) Undergraduate tutoring of elementary and  
middle school students using metacognitive strategies for solving math story problems.  
*Hawaii International Conference on Education*. Honolulu, HI.
- Allen, M.T. (2006) Empirical Predictions in Physiological Psychology Labs Differ from  
Classroom Knowledge. (oral presentation) *Rocky Mountain Psychological Association*.  
Park City, UT.
- Karlin, N.J., Murry, F.R., Allen, M.T. (2006) Tutoring of Students Using Metacognitive  
Strategies for Solving Math Story Problems (poster) *Rocky Mountain Psychological  
Association*. Park City, UT.

- Mckinney, C.J., & Allen, M.T. (2006) The MPAC Clioquinol Restores Learned Irrelevance in Copper-Cholesterol Fed Rabbits (oral presentation) *Rocky Mountain Psychological Association*. Park City, UT.
- Murry, F.R., Allen, M.T., Archibeque, C.J., & Karlin, N.J. Metacognitive tutoring as a service learning project for psychology undergraduates (symposium) *Rocky Mountain Psychological Association*. Park City, UT.
- Allen, M.T. & Erickson, A.J. (2006) Physiological psychology lab experiments: prediction of results vs. classroom knowledge. (poster) *Association for Psychological Sciences*. New York, NY.
- Allen, M.T., Murry, F.R., & Karlin, N.J. (2006) Tutoring of metacognitive strategy use improves mathematical word problem solving. (poster) *Association for Psychological Sciences*. New York, NY.
- Murry, F.R., Allen, M.T., & Karlin, N.J. (2006) Psychology undergraduates experience service learning using metacognitive strategies for mathematical word problems. (poster) *Association for Psychological Sciences*. New York, NY.
- Mckinney, C.J., & Allen, M.T. (2006) Copper-cholesterol induced impairments in learned irrelevance are restored by the mpac clioquinol. (poster) *Association for Psychological Sciences*. New York, NY.
- Clark, C., & Allen, M.T. (2005) Two point discrimination demonstration for physiological psychology and sensation and perception (a teaching poster). *Rocky Mountain Psychological Association*, Phoenix, AZ.
- Karlin, N.J., Murry, F.R., & Allen, M.T. (2005) Middle school blues: Student's academic performance drops off in the 6<sup>th</sup> grade, but rebounds in 7<sup>th</sup> and 8<sup>th</sup> grade. (poster) *Rocky Mountain Psychological Association*, Phoenix, AZ.
- Murry, F.R., Karlin, N.J., & Allen, M.T. (2005) Poor performance on the Colorado Student Assessment Program (CSAP) is highly correlated with receiving free and reduced lunch: Food for thought. (oral presentation) *Rocky Mountain Psychological Association*, Phoenix, AZ.
- Walker, A.G., Mckinney, C.J., & Allen, M.T. (2005) Dietary copper and cholesterol disrupts learned irrelevance in rabbit eyeblink conditioning: an environmental animal model for alzheimer's disease. (student oral presentation). *Rocky Mountain Psychological Association*, Phoenix, AZ.
- Walker, A.G. Allen, M.T., & Clark, C.L. (2005) A combined visual and auditory presentation yields better short term memory recall than a visual alone presentation, but not an auditory alone presentation. (student poster). *Rocky Mountain Psychological Association*, Phoenix, AZ.

- Allen, M.T., Walker, A.G., & Mckinney, C.J. (2005) Copper and cholesterol disrupt an entorhinal dependent task in rabbit eyeblink conditioning. (poster) *American Psychological Society*, Los Angeles, CA.
- Murry, F.R., Karlin, N.J., & Allen, M.T. (2005) Poor performance on the colorado student assessment program (csap) is highly correlated with receiving free and reduced lunch: food for thought. (poster) *American Psychological Society*, Los Angeles, CA.
- Allen, M.T. (2004) Applications of stimulus pre-exposure tasks: Explorations of neural substrates, development, and cognitive deficits in the elderly. (symposium) *Rocky Mountain Psychological Association Meeting*, Reno, NV.
- Allen, M.T., & Falk, K. (2004) Adaptation of the vestibular ocular reflex (vor) with prism lenses. (student poster) *Rocky Mountain Psychological Association Meeting*. Reno, NV.
- Padilla, Y., Allen, M.T., Gluck, M. A (2000) Selective medial septal lesions retard rabbit eyeblink conditioning. *American Psychological Society Meeting*.

#### **Non Juried Presentations**

- Allen, M.T. (2008) Brain myths or brain facts? what do educators know about the brain  
Society for Neuroscience Abstracts 34. Washington, DC
- Allen, M.T. & Mckinney, C.J., (2007) Anti-Oxidant Rich Pomegranate Juice Reverses Beta Amyloid Disruptions of Rabbit Eyeblink *Annual Meeting of the Pavlovian Society*. Austin, TX.
- Mckinney, C.J., & Allen, M.T (2007) A rabbit eyeblink conditioning model for Alzheimer's disease treatment research. (student oral presentation) *Society for Neuroscience Abstracts 33*. San Diego, CA
- Mckinney, C.J., & Allen, M.T. (2006) Tests of therapies for beta amyloid disruptions of rabbit eyeblink conditioning. (student poster) *Annual Meeting of the Pavlovian Society*. Philadelphia, PA.
- Allen, M.T. (2006) Do tattoos alter two-point touch discrimination in males and females? (poster) *Society for Neuroscience Abstracts*. 32 Atlanta, GA.
- Mckinney, C.J., & Allen, M.T. (2006) The metal protein attenuating compound clioquinol reverses beta amyloid disruptions of rabbit eyeblink conditioning. (poster) *Society for Neuroscience Abstracts 32*. Atlanta, GA.
- Walker, A.G., Mckinney, C.J., & Allen, M.T. (2005) Cholesterol speeds learning, but copper & cholesterol disrupts learned irrelevance in rabbit eyeblink conditioning. (student poster) *International Behavioral Neuroscience Society 31*, Santa Fe, NM.

## Non Juried Presentations Continued

- Allen, M.T., Walker, A.G., & Mckinney, C.J. (2005) Beta amyloid plaques in the entorhinal cortex disrupt learned irrelevance in rabbit eyeblink conditioning. (student poster) *Annual Meeting of the Pavlovian Society*, Anaheim, CA.
- Allen, M.T., Walker, A.G., & Mckinney, C.J. (2005) A copper and cholesterol diet disrupts learned irrelevance in rabbit eyeblink conditioning: an environmental model for Alzheimer's disease. (student poster) *Society for Neuroscience Abstracts*, 31. Washington, D.C.
- Allen, M.T., & Clark, C.L. (2005) A two-point threshold demonstration of somatosensory receptive field size and sensitivity. (poster) *Society for Neuroscience Abstracts* 31. Washington, D.C.
- Allen, M.T., & Walker, A.G.. (2004) Post-training scopolamine disrupts discriminative operant conditioning and spatial and working memory. (student poster) *Society for Neuroscience Abstracts*. 30. San Diego, CA October 2004.
- Walker, A.G. & Allen, M.T. (2004) Alzheimer-like beta amyloid plaques disrupt learned irrelevance in rabbit eyeblink conditioning. (student poster) *Front Range Neuroscience Group Meeting*. Fort Collins, CO Nov. 30, 2004.
- Allen, M.T. (2004) Adaptation of the vestibular ocular reflex (VOR) with prism lenses. (poster) *Society for Neuroscience Abstracts*. 30. San Diego, CA, Oct. 2004.
- Allen, M.T., & Gluck, M.A. (2003) Direct muscarinic modulation of the hippocampus disrupts rabbit eyeblink conditioning. *Society for Neuroscience Abstracts*. 29. New Orleans, LA.
- Allen, M.T., Betancur, M., & Gluck, M.A. (2002) Selective hippocampal lesions spare the systemic scopolamine retardation effect in delay eyeblink conditioning. *Society for Neuroscience Abstracts*, 28.
- Betancur, M., Allen, M.T., & Gluck, M.A. (2002) Trace eyeblink conditioning is retarded by the injection of scopolamine directly into the hippocampus. *Annual Biomedical Research Conference for Minority Students*.
- Miller, D.P., Chapleau, C. , & Allen, M. T. (2002) Serotonergic IA agonist 8-oh-dopat as well as non-selective hippocampal region lesions disrupt a learned irrelevance-related retardation effect in appetitive signaled barpress conditioning in rats. *Annual Meeting of the Pavlovian Society*. Los Angeles, CA.
- Allen, M.T., Betancur, M., & Gluck, M.A. (2001) Cholinergic modulation of the hippocampus during eyeblink conditioning. *Meeting of the Pavlovian Society*.

- Allen, M.T., Padilla, Y., & Gluck, M.A., (2001) Selective hippocampal lesions do not disrupt blocking in rabbit eyeblink conditioning. *Meeting of the Pavlovian Society*.
- Allen, M.T., Padilla, Y., Blanco-Rico, K. Myers, C.E., & Gluck M.A. (2001). Selective hippocampal lesions do not disrupt blocking in rabbit eyeblink conditioning. *Society for Neuroscience Abstracts*. 27. San Diego, CA.
- Allen, M.T., Padilla, Y, & Gluck M.A. (2001) Blocking in rabbit eyeblink conditioning is not due to learned inattention. *Society for Neuroscience Abstracts* 27. San Diego, CA.
- Allen, M.T., Padilla, Y. & Gluck, M.A. (2000) A latent inhibition-like effect revealed during the training phase of sensory preconditioning. *Society for Neuroscience Abstracts*, 26. New Orleans, LA.
- Miller, D.P., Doherty, T.M., & Allen, M.T. (2000) Hippocampal lesions reverse a learned irrelevance effect in a signaled appetitive operant task. *Society for Neuroscience Abstracts*, 26. New Orleans, LA.
- Ermita, B.E., Allen, M.T., Gluck, M.A., & Zaborzsky, L. (1999) Effects of neurotoxic lesions of the medial septum on motor-reflex learning in the rabbit. *Society for Neuroscience Abstracts*, 25. Miami Beach, FL.
- Allen, M.T., Chelius, L. & Gluck, M.A. (1998) Selective entorhinal ibotenic lesions disrupt the learned irrelevance pre-exposure effect in the classically conditioned rabbit eyeblink response paradigm conditioning. *Society for Neuroscience Abstracts*. 24. Los Angeles, CA
- Ermita, B. Allen, M.T., Criminale, C., Gluck, M.A., & Zaborsky, L. (1998) P75 ngf immunocytochemical identification of cholinergic neurons in the rabbit basal forebrain. *Society for Neuroscience Abstracts*. 24. Los Angeles, CA
- Shohamy, D., Allen, M.T., Gluck, M.A., (1998) The effect of entorhinal cortex lesions on latent inhibition of the classically conditioned rabbit eyeblink response. *Society for Neuroscience Abstracts*. 24 Los Angeles, CA
- Allen, M.T., & Gluck, M.A. (1997) Learned irrelevance pre-exposure inhibits acquisition of the classically conditioned rabbit eyeblink response. *Society for Neuroscience Abstracts*. 23. New Orleans, LA
- Allen, M. T., & Steinmetz, J.E. (1996). Hippocampal lesions do not disrupt the learning-dependent timing of classically conditioned rabbit eyeblink responses. *Society for Neuroscience Abstracts*, 22. Washington, DC.
- Allen, M. T., & Steinmetz, J.E. (1994). Cerebellar single unit recording during discrimination learning to different cs-us intervals in the classically conditioned rabbit eyeblink paradigm. *Society for Neuroscience*, 20 Miami Beach, FL..

Anderson, B.J., Miller, D.P., Allen, M.T., & Steinmetz, J.E. (1993). Development of a rabbit anesthetized classical conditioning preparation. *Society for Neuroscience Abstracts*, 19. Washington, DC.

Allen, M. T., & Steinmetz, J.E. (1992). A nitric oxide synthase inhibitor retards acquisition of the classically conditioned rabbit eyelid response. *Society for Neuroscience Abstracts*, 18. Anaheim, CA.

### **Invited Talks**

Allen, M.T. (2005) A rabbit eyeblink conditioning model of alzheimer's disease: cholinergic disruptions, entorhinal lesions, and beta amyloid plaques. Idaho State University. May 15, 2005.

Allen, M.T. (2004) Hippocampal, cortical, and subcortical modulation of learning: implications for alzheimer's disease. For the UNC Biology Dept. Seminar Series. Feb. 27, 2004.

Allen, M.T. (2004) A Rabbit eyeblink conditioning model of alzheimer's disease: cholinergic disruptions, entorhinal lesions, and beta amyloid plaques. University of North Carolina-Charlotte, Dec. 16, 2004.

Allen, M.T. (2003) Hippocampal, cortical, and subcortical modulation of learning: implications for alzheimer's disease. University of Northern Illinois, Feb. 12, 2003.

Allen, M.T. (2003) Hippocampal, cortical, and subcortical modulation of learning: implications for alzheimer's disease. University of Northern Colorado, Feb. 19, 2003.

Allen, M.T. (2003) Hippocampal, cortical, and subcortical modulation of learning: implications for alzheimer's disease. University of Michigan-Flint, March 3, 2003.

Allen, M.T. (2002) The role of the hippocampus in the modulation of learning University of New Orleans, New Orleans, LA February 21, 2002

Allen, M.T. (2002) Hippocampal, cortical, and subcortical modulation of learning. Florida Atlantic University, Boca Raton, FL April 8, 2002.

Allen, M.T. (2002) Cholinergic Modulation of Memory. Jackson State University, Jackson, MS April 15, 2002.

Allen, M.T. (2002) Separate neural substrates provide mechanisms for CS and US modulation during classical conditioning. *Southeastern Association for Behavior Analysis*. Charleston, SC. Oct 31-Nov 2, 2002.

Allen, M.T., (2001) The role of the hippocampus in learning and transfer. Wofford College, Spartanburg, SC. April, 2001.

Allen, M.T., Myers, C.E., & Gluck, M.A. (2000) Neurocomputational models and empirical studies of hippocampal involvement in conditioning studies of earned inattention. *Eastern Psychological Association Meeting*. Baltimore MD. March 25, 2000.

Allen, M.T., & Gluck, M.A. (2000) Parallel neural systems for stimulus selection in classical conditioning: support from computational modeling. *Annual Meeting of the Pavlovian Society*. Annapolis, MD. October 1, 2000.

Allen, M.T., & Gluck, M.A. (1998) Neurocomputational perspectives on hippocampal function in associative learning. *International Behavioral Neuroscience Society Meeting*. Virginia Commonwealth University. Richmond VA, June 11, 1998.

## **FUNDED PROJECTS**

### **2006-2008**

Grant Agency: UNC Research Enrichment Development Initiative (REDI) fellowship  
Title: Tests of an Environmental Model of Alzheimer's Disease  
Amount: 15,000 funded

### **2006**

Grant Agency: UNC Graduate School  
Summer Graduate Research Assistantship to CJ Mckinney  
Title: Test of the Effectiveness of Ibuprofen in the Treatment of Alzheimer's Disease (AD) Related Cognitive Deficits and Pathologies  
Amount: \$4188 funded

Grant Agency: UNC SPARC Summer Faculty Research Fellowships  
Collaborator with Kathryn Burleson and Francie Murry  
Title: Social Influences on At-Risk Youth's Math Development  
Amount: \$4500 funded

Grant Agency: UNC SPARC Summer Faculty Collaborative Project Building Fellowships  
Collaborator with Francie Murry  
Title: Providing Educators' Brain Evidence Based Practices for the Classroom  
Amount: \$4500 funded

### **2005**

Grant Agency: UNC Graduate School  
Summer Graduate Research Assistantship to CJ Mckinney  
Title: Test of Effectiveness of N-Acetylcysteine on Reversing Copper-Cholesterol Impairments in Learned Irrelevance in Rabbit Eyeblink Conditioning  
Amount: \$3441 funded

Grant Agency: UNC SPARC Summer Faculty Grant Writing Fellowship

Title: Therapies for a Copper-Cholesterol Model of Alzheimer's  
Amount: \$4500 funded

Grant Program: UNC SPARC Grant Development Incentive Program  
Title: Metacognitive Tutors  
Co-PIs Murry, Karlin & Allen  
Amount: \$19,307 funded

#### 2004

Grant Agency: UNC SPARC Summer Faculty Research Fellowship  
Title: Tests of Alzheimer-like Beta Amyloid Plaques in Rabbit Eyeblink Conditioning  
Amount: \$4500 funded

Grant Program: Center for Collaborative Research in Education (CCORE)  
Title: Metacognitive Tutors  
Co-PIs Allen, Murry, & Karlin  
Amount: \$3325 funded

#### **PROFESSIONAL CONSULTATIONS:**

N/A

#### **PROFESSIONAL ASSOCIATION PARTICIPATION**

<b>Years</b>	<b>Organization</b>	<b>Location</b>
2004-present	American Psychological Society	Washington, D.C.
2004-present	Front Range Neuroscience Group	Fort Collins, CO
2003-present	Rocky Mountain Psychological Association	Boulder, CO
2000-present	Pavlovian Society	Albion, MI
1992-present	Society for Neuroscience	Washington, D.C.

#### **PROFESSIONAL SERVICE**

<b>Years</b>	<b>Organization</b>	<b>Location</b>
2008	Textbook Reviewer	Oxford University Press
2008	Textbook Reviewer	Sage Publications
2006	Textbook Reviewer	Worth Publishing
2005	Manuscript Reviewer	Behavioral Neuroscience

2005	RMPA moderator	RMPA conference
2004	Reviewer for grant applications	Alzheimer's Association
2004-2006	Reviewer for abstract submissions	RMPA conference
2004	Manuscript Reviewer	Integrative Physiological and Behavioral Science
2004	Manuscript Reviewer	Behavioral Neuroscience
2004	Textbook Reviewer	Thomson/Wadsworth
2004	Textbook Reviewer	Worth Publishing

**COMMUNITY SERVICE**

<b>Year(s)</b>	<b>Organization/Position</b>	<b>Location</b>
2007	Geek Chic for Youth in Weld County Partners	Greeley CO
2006	Sheep Brain Demonstration for Youth in Weld County Partners	Greeley CO

**UNIVERSITY SERVICE**

<b>Year(s)</b>	<b>Organization/Position</b>
2008	Chair of Academic Policies Committee (APC) of the Faculty Senate
2008	Faculty Senate representative on the Capital Planning Committee
2008	Faculty Senate representative on the Provost's Catalog Workgroup
2008-present	Faculty Senate representative on the Committee for Space Utilization
2006-present	Faculty Senator for CEBS
2005	Faculty chaperone for UNC students attending NCUR meeting
2005- 2008	Member of the UNC Institutional Animal Care and Use Committee
2005-2006	Reviewer of SPARC Summer Faculty Research Grants

**COLLEGE SERVICE**

<b>Year(s)</b>	<b>Organization/Position</b>
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2008	Faculty representative for SPED graduate student comprehensive and dissertation committee
2008	Faculty representative for SRM graduate student comprehensive and dissertation committee
2006-2008	CEBS representative to Faculty Senate
2006	Guest lecturer for EDSE 721 on brain topics for education

**SCHOOL SERVICE**

<b>Year(s)</b>	<b>Organization/Position</b>
2008	Chair of School Search Committee (Hires #: 99912 & 99967)
2006-2008	Member of School Graduate Committee
2006	Chair of School Search Committee (Hires #: 99878, 99912, & 99956)
2005	Member of UNC Psychological Sciences Search Committee (Hire # 20960).
2004	Member of UNC Psychology Departmental Search Committee (Hire #12744).
2003-present	Member of UNC Psychology Departmental Executive Committee

**SERVICE TO STUDENTS**

2004-present	Faculty Mentor for five PSY 120 graduate instructors
2003-present	Provided research teaching assistant opportunities for eighteen Psychology undergraduates:

**GRADUATE STUDENT COMMITTEES**

**Masters Research Advisor/Chair**

C.J. McKinney (2005) Clioquinol Restores the Learned Irrelevance Effect in Copper-Cholesterol Fed Rabbits.

**TEACHING**

**Courses Taught 2009-1995**

Fall 2009	PSY 341 Principles of Learning PSY 341 Principles of Learning PSY 481 Advanced Physiological Psychology and Lab
Summer 2009	PSY 443 Motivation (online) PSY 540 Principles and Theories of Learning (online) PSY 540 Principles and Theories of Learning (online)
Spring 2009	PSY 120 Principles of Psychology PSY 380 Introduction to Physiological Psychology PSY 481 Advanced Physiological Psychology and Lab
Interim Session 2008-2009	PSY 443 Motivation (online)
Fall 2008	PSY 120 Principles of Psychology PSY 341 Principles of Learning PSY 341 Principles of Learning
Summer 2008	PSY 380 Introduction to Physiological Psychology PSY 443 Motivation (online) PSY 540 Principles and Theories of Learning (online)
Spring 2008	PSY 380 Introduction to Physiological Psychology PSY 380 Introduction to Physiological Psychology PSY 443 Motivation
Interim Session 2007-2008	PSY 443 Motivation (online)
Fall 2007	PSY 341 Principles of Learning PSY 380 Introduction to Physiological Psychology PSY 481 Advanced Physiological Psychology
Summer 2007	PSY 380 Introduction to Physiological Psychology PSY 443 Motivation
Spring 2007	PSY 120 Principles of Psychology PSY 380 Introduction to Physiological Psychology PSY 443 Motivation
Interim Session 2007-2008	PSY 443 Motivation (online)
Fall 2006	PSY 120 Principles of Psychology PSY 540 Principles and Theories of Learning PSY 540 Principles and Theories of Learning (online)

Summer 2006	PSY 340 Principles of Learning PSY 480 Physiological Psychology and Lab PSY 491 Supervised Field Experience for 1 students
Spring 2006	PSY 440 Motivation PSY 480 Physiological Psychology and Lab PSY 491 Supervised Field Experience for 2 students
Fall 2005	PSY 480 Physiological Psychology and Lab Class buyout from SPARC Grant Development Incentive Program
Summer 2005	PSY 480 Physiological Psychology and Lab PSY 491 Supervised Field Experience for 10 students
Spring 2005	PSY 341 Principles of Learning PSY 480 Physiological Psychology and Lab PSY 491 Supervised Field Experience for 3 students
Fall 2004	PSY 341 Principles of Learning PSY 480 Physiological Psychology and Lab
Summer 2004	PSY 120 Principles of Psychology PSY 491 Supervised Field Experience for 2 students
Spring 2004	PSY 341 Principles of Learning (3 sections) PSY 491 Supervised Field Experience for 1 students
Fall 2003	PSY 120 Principles of Psychology PSY 480 Physiological Psychology and Lab
Spring 2003	Instructor for physiological psychology (2 sections), introductory psychology and a laboratory in physiological psychology (College of Charleston)
Fall 2002	Instructor for introductory psychology (2 sections) Instructor for physiological psychology and a Laboratory in physiological psychology (College of Charleston)
Fall 1995 & Spring 1996	Instructor for undergraduate introductory psychology (Indiana University)
Spring 1994 & Spring 1995	Instructor for undergraduate research methods (Indiana University)

**Professional Development Activities:**

Smart classroom training (Fall 2003)  
Blackboard training (Fall 2003)

### **Honors & Awards**

- 2006-2008     UNC Research Enhancement Development Incentive (REDI) Fellowship
- 2006            Abstract Included in Society for Neuroscience Press Book
- 2006            Delta Zeta Outstanding Professor
- 2006            Nominated for Outstanding Teacher in CEBS for 2005
- 2005            Nominated for Outstanding Teacher in CEBS for 2004
- 2005            Outstanding Assistance to Students with Disabilities
- 2005            SPARC Grant Development Incentive Program
- 2005            UNC SPARC Summer Faculty Grant Writing Fellowship
- 2004            Student award for best undergraduate poster at Front Range Neuroscience Group
- 2004            Student: A. Walker won UNC Works in Progress Symposium to attend  
National Conference on Undergraduate Research
- 2004            UNC SPARC Summer Faculty Research Fellowship
- 2004            Outstanding Teaching Poster at RMPA
- 1998            Outstanding Oral Presentation at Psychology Colloquium (Rutgers-Newark)
- 1992-1995     National Science Foundation Graduate Fellowship (Indiana University)
- 1991-1992     First Year Research Fellowship, Program in Neural Science, (Indiana University)
- 1991            Outstanding Senior in Psychology (North Carolina State University).
- 1991            Summa Cum Laude Graduate (North Carolina State University).