Curriculum Vitae

**Anthony J. Ryals**

Department of Psychology, Behavioral Sciences Program

University of North Texas

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**1. EDUCATION AND TRAINING**

**Postdoctoral Fellow,** Northwestern University Feinberg School of Medicine 2012- 2016

-Advisor- Joel Voss Ph.D.

**Ph.D., Cognitive Psychology,** Colorado State University 2012

-Advisor- Anne M. Cleary Ph.D.

-Topic: Isolating partial recollection as a distinct entity in

recognition memory using a modified RWI paradigm.

**M.S., Cognitive Psychology,** Colorado State University 2009

-Advisor- Anne M. Cleary Ph.D.

-Topic: Emotion in recognition with versus without cued-recall

**B.S., Psychology,** Western Oregon University 2006

-Summa cum laude

**2. PROFESSIONAL POSITIONS**

**Assistant Professor**, University of North Texas Department of Psychology Present

**3. RESEARCH AFFILIATIONS**

Director UNT Neurocognitive Laboratory Present

-University of North Texas

Northwestern University Laboratory for Human Neuroscience 2012-2016

-Primary Investigator- Joel Voss Ph.D., Northwestern University

Cleary Memory Laboratory 2007-2012

-Primary Investigator- Anne Cleary Ph.D., Colorado State University

Colorado State University Cognitive Neuroscience Laboratory 2008-2012

-Primary Investigator-Carol Seger Ph.D., Colorado State University

WOU Neurocognitive Laboratory 2005-2006

-Primary Investigator- Joel Alexander Ph.D., Western Oregon University

**4. Funding Activity**

U.S. Department of Defense (DOD) (BRO-20-SOMAII)

Award for Fundamental Research in Socio-Mathematics of Information and Influence

Role: **Co-Principal Investigator** (Lead PI: Grigolini)

Title: Protecting the Country from the Attacks of Bots Using Criticality Theories

Grant Status: Pending ($1,500,000)

Ford Foundation

Predoctoral Graduate Fellowship

Role: **Advisor and Co-Investigator** (Fellow: Carbajal)

Title: Neurosciencia Bicultural: Testing the Effects of Culture in the N400 Congruency Effect

Grant Status: Unfunded

University of North Texas

Team Mentoring Grant Program

Role: **Co-Investigator and Mentee** (Co-Investigators: Kaminski, Riggs, Trulson)

Title: Complex PTSD Research Team

Grant Status: Funded for $5000.00 in 2019

University of North Texas

College of Education Collaborative Research Project

Role: **Co-Investigator** (PI: Olson)

Title: Effects of Exercise and Caloric Restriction on Adiposity, Neurocognitive Function, and Brain-Derived Neurotrophic Factor (BDNF) in Obesity

Grant Status: Funded for $10,000.00 in 2019

National Science Foundation

Graduate Research Fellowship Program

Role: **Principal Investigator** (Trainee: Doshier)

Title: Individual Difference Factors Predicting Inhibitory Control of Emotional Memory

Grant Status: Unfunded

The Gonzalez Foundation

Gift to the UNT Neurocognitive Laboratory

Role: **Co-Investigator** (Co-PI: Ross

Title: Development and Validation of the Autonomic Spectrum Questionnaire (ASQ)

Gift Status: $1000.00 donated to UNT in 2018

National Institute of Health

R15 Research Grant (PA-16-200).

Role: **Co-Investigator** (PI: Boals)

Title:A prospective examination of fear conditioning and event generalization in the development of posttraumatic stress disorder.

Grant Status: Unfunded

National Institute of Health

R15 Research Grant (PA-16-200).

Role: **Co-Investigator** (PI: Contractor)

Title:Development, Standardization, and Preliminary Testing of a Novel PTSD Intervention: Processing of Positive Memories Intervention (PPMI).

Grant Status: Unfunded

Northwestern University Cognitive Neurology and Alzheimer’s Disease Center (CNADC)

Pilot Research Grant (PHS AG13854 2016)

Role: **Principal Investigator**

Title: Noninvasive brain stimulation to modulate memory awareness in older adults

Grant Status: Funded

Northwestern University Cognitive Neurology and Alzheimer’s Disease Center (CNADC)

Pilot Research Grant (PHS AG13854)

Role: **Co-Principal Investigator,**

Title: Deficit Awareness Tests to Identify Subtle Neurodegenerative Cognitive Impairment.

Grant Status: Funded

Northwestern University Cognitive Neurology and Alzheimer’s Disease Center (CNADC)

Pilot Research Grant (PHS AG13854 2014)

Role: **Principal Investigator**

Title: Noninvasive stimulation to modulate memory accuracy and awareness in older adults

Grant Status Unfunded

Ruth L. Kirchstein National Research Service Award

NRSA F32 Postdoctoral Fellowship

Role: **Principal Investigator**

Title: Deficit-Awareness Tests to Identify Subtle Neurodegenerative Cognitive Impairments

Grant Status: Unfunded

**5. Publications**

(IF=outlet impact factor \*\* Denotes Principal/Lead Author if not first \* Denotes UNT Student Author)

\*Dolan, M., Contractor, A. A., **Ryals, A. J.,** & Weiss, N. H. (in press). Trauma, posttraumatic stress disorder severity, and positive memories. *Memory.* (2019 IF: 1.95)

\*Doshier, K.K. & \*\***Ryals, A.J.** (2020). Partial Retrieval is a Distinct yet Infrequent Phenomenon in Human Memory. In Cleary, A. M., & Schwartz, B. L. (Eds.). (2020). *Memory Quirks: The Study of Odd Phenomena in Memory*. Routledge.

\*Carbajal I., O’Neil J.T, Palumbo R.T., Voss J.L., \*\***Ryals A.J.** (2019). Hemisphere-specific effects of prefrontal theta-burst stimulation on visual recognition memory accuracy and awareness. *Brain and Behavior*, 9e01228 (2017 IF: 2.22)

**Ryals A.J.,** O’Neil J.T., Palumbo R.T, & Voss J.L. (2018). Memory Awareness Disruptions in Amnestic Mild Cognitive Impairment: Comparison of Multiple Awareness Types for Verbal and Visuospatial Material. *Aging, Neuropsychology, and Cognition, 6, 1-22* (2017 IF: 1.85)

Apple A.C., Schroeder M.P., **Ryals A.J.,** Wagner L.I., Cella D., Shih P., Reilly J., Penedo F.J., Voss J.L., Wang L. (2018). Increased hippocampal functional connectivity during a memory task is related to self-reported cognitive concerns in breast cancer patients undergoing adjuvant therapy. *Neuroimage: Clinical,* 12, 110-118.(5-year IF: 4.81)

Apple, A., **Ryals, A.J.**, Alpert, K.I., Wagner, L.I., Cella D., Penedo F.J., Voss, J.L.,Wang, L. (2017). Subtle Hippocampal Deformities in Cognitively Normal Breast Cancer Patients with Self-Reported Cognitive Concerns. *Neuroimage: Clinical,* 14, 685-691. (5-year IF: 4.81)

Wang, L., Apple, A., Schroeder, M., **Ryals, A.J.,** Voss, J.L., Gitelman, D.R., Sweet, J.J., Butt, Z., & Wagner, L.I. (2016) Reduced activation of the working memory network in cognitively impaired chemotherapy patients. *Cancer,* 122(2): 258-68. (2017 IF: 6.53)

Cleary, A.M., **Ryals, A.J.,** & Wagner, S.R. (2016). Recognition during recall failure: Semantic feature matching as a mechanism for recognition of semantic cues when recall fails. *Memory and Cognition, 44*(1): 50-62.(2014 IF: 2.46)

**Ryals, A.J.,** Wang, J.X., Brandstatt, K. L., & Voss, J.L. (2015). Hippocampal contribution to implicit configuration memory expressed via eye movements during scene exploration. *Hippocampus. 25*(9): 1028-1041. (2015 IF 3.95)

**Ryals, A.J.,** Rogers, L.M., Gross, E.Z., Brandstatt, K.L., & Voss, J.L. (2015). Associative recognition memory awareness improved by theta-burst stimulation of frontopolar cortex. *Cerebral Cortex*. (advanced online publication) doi: 10.1093/cercor/bhu311. (5-year IF: 6.80)

Wang, J.X., Rogers, L.M., Gross, E.Z., **Ryals, A.J.***,* Dokucu, M.E., Brandstatt, K.L., Hermiller, M.S., & Voss, J.L. (2014). Targeted enhancement of cortical-hippocampal brain networks and associative memory. *Science, 345*(6200): 1054-1057. (5-year IF: 32.56).

**Ryals, A.J.** & Voss, J.L. (Forthcoming). *The outer limits of implicit memory.* In the Wiley-Blackwell Handbook on the Cognitive Neuroscience of Memory A. Duarte, M. Barense, and D.R. Addis, (Eds.). John Wiley & Sons.

**Ryals, A.J. &** Voss, J.L. (2013). Connections between mechanisms for anosognosia and implicit memory. *Cognitive Neuroscience.* (3-4): 202-203. (2013 IF: 4.68)

Cleary, A.M., **Ryals,** A.J., & Nomi, J.S. (2013). Intuitively detecting what is hidden within a visual mask: Familiar-novel discrimination and threat detection for unidentified stimuli. *Memory and Cognition, 41*(7): 989-99. (2014 IF: 2.45)

**Ryals, A.J.,** Cleary, A.M., & Seger, C.A. (2013). Recall versus familiarity when recall fails for words and scenes: The differential roles of the hippocampus, perirhinal cortex, and category-specific cortical regions. *Brain Research, 1492*: 72-91. (2013 IF: 3.35)

**Ryals, A.J.** & Cleary, A.M. (2012). The recognition without cued recall phenomenon: Support for a feature-matching theory over a partial recollection account. *Journal of Memory and Language, 66*: 747-762. (2012 IF: 4.80)

Cleary, A.M., Brown, A.S., Sawyer, B.D., Nomi, J.S., Ajoku, A.C., & **Ryals, A.J**. (2012). Familiarity from the Configuration of Objects in 3-dimensional Space and its Relation to Déjà vu: A Virtual Reality Investigation. *Consciousness and Cognition, 21*(2): 969-975. (2012 IF: 2.70)

**Ryals, A. J.,** Yadon, C. A., Cleary, A.M., & Nomi, J.S. (2011). When Word Identification Fails: ERP Correlates of Recognition without Identification and of Word Identification Failure. *Neuropsychologia*, *49*(12): 3224-3237. (2011 IF: 5.14)

Cleary, A. M., Nomi, J. S., & **Ryals, A. J.** (2011)*"Cognitive Psychology"*In Nina P. Azari, Ed. Encyclopedia of Sciences and Religions. Heidelberg: Springer-Verlag.

Cleary, A.M., **Ryals, A.J.**, & Nomi, J.S. (2009). Can Déjà vu result for Similarity to a Previous Experience? Support for the Similarity Hypothesis of Déjà vu. *Psychonomic Bulletin & Review, 16*(6): 1082-1088. (2010 IF: 2.31)

**Manuscripts Under Review/Revision**

**Ryals A.J.**, Cleary A.M., & \*Kelly M.E. (under review). Increased Pupil Size Suggests Physiological Arousal During Tip-of-the-Tongue States. *Psychonomic Bulletin and Review*

Latimer, K., **Ryals, A.J.,** Niemann, Y.F. (under revision). Investigating the Effects of Racial Trauma among College Students.

Litvin J.M., Kaminski P.L., & **Ryals, A.J.** (under revision) Development and Validation of the Complex Trauma Screener: A Brief Measure of the ICD-11’s Post-Traumatic Stress Disorder (PTSD) and Complex PTSD (CPTSD).

**Manuscripts in Preparation**

(\*\* Denotes Principal/Lead Author \* Denotes UNT Student Author)

\*Kelly M.E. & Ryals, A.J. Finding a Data-Driven Definition of Binge-Watching.

\*Litvin J., Ross C.M., \*\***Ryals A.J.** Development and Validation of the Autonomic Spectrum Questionnaire (ASQ).

Witherby A.E, \*Carbajal I., Tauber, S.K., \*\***Ryals A.J.** Exploring the Mechanisms Underlying Judgment of Learning Reactivity on Actual Learning Using Eye-Tracking.

\*Litvin J., \*Carbajal I.S., Kaminski T., \*\***Ryals A.J.** Evidence for Individual Differences in Emotionally-Driven Pupillary Reactivity in Complex PTSD

**6. Research Presentations**

(\*\* Denotes Principal/Lead Author if not first \* Denotes UNT Student Author)

\*Hunter S., \*Bacci J., \*Kraft W., Jenkins S.R., & **Ryals, A.J**. (2020). Cognitive Flexibility and Eye Gaze Patterns during Interpersonal Decentering Narratives in Relation to Autism Spectrum Disorder. Poster presented at the virtual showcase for the 32nd Association for Psychological Science, Chicago IL.

\*Kelly, M., \*Pirotina, B., & **Ryals, A.J.** (2020) What is Binge-Watching? A Data-Driven Approach to Defining a Binge. Poster presented at the virtual showcase for the 32nd Association for Psychological Science, Chicago IL.

\*Litvin L., Kaminski P.L., \*Archuleta W.P., **Ryals A.J.** (2019). Refinement of the Complex Trauma Inventory: An Analysis of Assessment and Diagnostic Accuracy. Poster presented at the annual meeting of the International Society for Traumatic Stress Studies, Boston, MA.

**Ryals A.J.** & \*Doshier K.K. (2019). Partial Retrieval is a Distinct yet Infrequent Phenomenon in Human Memory. Research talk given at the Perceptions, Illusions, Deceptions and Confusions Conference, Fort Collins, CO.

\*Cortez, J.I., \*De La Garza J.M., \*Carbajal I, \*\***Ryals, A.J.** (2019) The Role of Executive Inhibition and Shooter Ethnicity in the Police Officer’s Dilemma. Poster presented at the annual meeting of the Southwestern Psychological Association, Albuquerque, NM.

**Ryals, A.J.,** \*Reynolds, BL, \*Patton, CL, Cleary, AM (2018). Pupil Dilation Suggests a Role of Autonomic Arousal in Tip-of-the-Tongue State Phenomenology. Poster presented at the annual meeting of the Psychonomic Society, New Orleans, LA.

\*Carbajal I., **Ryals A.J.,** Witherby A.E., Tauber S.K. (2018). Exploring the Mechanisms Underlying Judgments of Learning Reactivity on Actual Learning using Eye-Tracking Measures. Poster presented at the annual meeting of the Psychonomic Society, New Orleans, LA.

\*Nielsen, N., \*Litvin J., Kaminski T., **Ryals, A.** (2018). Attachment Anxiety Moderates Complex PTSD Symptom Severity and Functional Impairment. Poster to be presented at the annual meeting of the Texas Psychological Association, Frisco TX.

\*Mckee C.L., \*Tirado P.,\* Litvin J.M., \*Carbajal I., \*\***Ryals A.J.** (2018). Evidence for Individual Differences in Emotionally-Driven Pupillary Reactivity. Talk given at the annual meeting of the Southern Society for Philosophy and Psychology, San Antonio TX.

\*Mckee C.L., \*Tirado P., \*Litvin J.M., \*Carbajal I., \*\***Ryals A.J.** (2018). Evidence for Individual Differences in Pupillary Dilation to Aversive Stimuli in the General Population. Poster presented at the annual meeting of the Society for Cognitive Neuroscience, Boston MA.

Apple A.C., Schroeder M.P., **Ryals A.J.,** Wagner L.I., Cella D., Reilly J.L., Penedo F.J., Voss J.L., Wang L. (2017). Compensatory increased hippocampal functional connectivity related to self-reported cognitive concerns in breast cancer survivors. Poster presented at the annual meeting of the Organization for Human Brain Mapping, Vancouver, B.C.

**Ryals A.J.,** O’Neil J.T., Voss J.L.. (2016). Visual Memory and Metamemory Improved Following Prefrontal Theta-Burst Stimulation. Poster presented at the annual meeting of the Psychonomic Society, Boston, MA.

**Ryals A.J.,** O’Neil J.T., Voss J.L. (2016). A theta-burst transcranial magnetic stimulation investigation of the feeling-of-knowing. Poster presented at the annual meeting of the Cognitive Neuroscience Society, New York, NY.

Apple, A.C., **Ryals, A.J.,** Wagner, L.I., Cella, D., Penedo, F.J., Voss, J.L., & Wang, L. (2015) Hippocampal Subfield Deformity in Breast Cancer Patients with Self-Reported Cognitive Concerns. Poster presented at the annual meeting of the Society for Neuroscience, Chicago, IL.

**Ryals A.J,** O’Neil J.T., Voss J.L. (2015). Memory awareness modulation due to theta-burst stimulation of distinct prefrontal cortical networks. Poster presented at the annual meeting of the Society for Neuroscience, Chicago, IL.

**Ryals, A.J.,** Apple, A.C., Wang, J.X., Wagner, L.I., Cella, D., Penedo, F.J., Wang, L., & Voss, J.L. (2015). Hippocampal memory impairment in breast cancer survivors after chemotherapy measured using covert testing. Poster to be presented at the annual meeting of the American Society of Clinical Oncology (ASCO), Chicago, IL.

**Ryals, A.J.,** O’Neil, J.T., Mesulam, M-M., Weintraub, S., & Voss, J.L. (2015). Memory-awareness impairment in amnestic mild cognitive impairment (aMCI). Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.

Apple, A.C., **Ryals, A.J.,** Voss, J.L., & Wang, L. (2015) Hippocampal shape deformity associated with cognitive variability in breast cancer patients. Poster to be presented at the annual meeting of the International Neuropsychological Society, Denver, CO.

**Ryals, A.J.,** O’Neil, J., & Voss, J.L. (2014). Deficits of awareness in amnestic mild cognitive impairment. Poster presented at the annual meeting of the Psychonomic Society, Long Beach, CA.

**Ryals, A.J.,** Gross, E.Z.,Brandstatt, K.L., Dokucu, M.E., Rogers, L.M., & Voss, J.L. (2014). Theta-burst TMS to distinct prefrontal locations modulates awareness of memory. Poster presented at the annual meeting of the Cognitive Neuroscience Society, Boston, MA.

Cunningham, A.B., **Ryals, A.J.,** Brandstatt, K.L., & Voss, J.L. (2014). Configural memory disruptions associated with chemotherapy and hormone depletion using concurrent eyetracking and fMRI. Poster presented at the annual meeting of the Cognitive Neuroscience Society, Boston, MA.

**Ryals, A.J.** & Voss, J.L. (2013). Hippocampal activity tracks eye-movement replay without conscious awareness. Poster presented at the annual meeting of the Society for Neuroscience, San Diego, CA.

Wang, L., Schroeder, M., **Ryals, A.J.,** Voss, J.L, Butt, Z., & Wagner, L. (2013). Reduced activation of the working memory network in cognitively impaired chemotherapy patients. Poster presented at the annual meeting of the Organization for Human Brain Mapping, Seattle, WA.

**Ryals, A.J.** & Voss, J.L. (2013). The role of conscious awareness in MTL and cortical processing of scene configural similarity. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.

**Ryals, A.J.,** & Cleary, A.M. (2012). Isolating partial recollection as a distinct entity in recognition memory. Poster presented at the annual meeting of the Psychonomic Society, Minneapolis, MN.

Staley, S., **Ryals, A.J.,** (2012) ERP correlates of recognition without identification across real-world visual stimuli. Poster presented at the annual meeting of the Society for Neuroscience, New Orleans, LA.

**Ryals, A.J.**, Staley, S., Hawkins, T., & Cleary, A.M. (2012) Face recognition without identification: An ERP investigation. Poster presented at the annual meeting of the Association for Psychological Science, Chicago, IL.

**Ryals, A. J.** &Cleary, A. M. (2011) The Recognition without Cued Recall Phenomenon: Support for A Feature-Matching Theory. Poster presented at the annual meeting of the Psychonomic Society, Seattle, WA.

**Ryals, A. J.,** Cleary, A. M., & Seger, C. A. (2011). Recollection andFamiliarity for Words and Scenes: Shared and Independent Neural Components. Poster presented at the annual meeting of the Cognitive Neuroscience Society (CNS), San Francisco, CA.

**Ryals, A. J.,** Cleary, A. M., & Reimers, B. H. (2011). Evidence for Suppression of Emotional Words Using Independent Nonword Cues. Poster presented at the annual meeting of the society for Determinates of Executive Function and Dysfunction (DEFD), Boulder, CO.

**Ryals, A. J.,** Sawyer, B. D., Nomi, J. S., Cleary, A. M., & Brown, A. S. (November 2010). A Virtual Reality Investigation of Familiarity and Déjà vu. Poster presented at the annual meeting of the Psychonomic Society, St. Louis, MO.

**Ryals, A. J.** &Cleary, A. M. (May 2010). The Role of Emotion in Recognition with versus without Cued-Recall. Poster presented at the annual meeting of the American Psychological Association (APS), Boston, MA.

**Ryals, A. J.,** Pichardo, F. M., Paniagua-Lopez, D., Cleary, A. M., & Seger, C. A. **(**2010). Functional Magnetic Resonance (fMRI) Correlates of Recognition without Cued Recall. Poster presented at the annual meeting of the Cognitive Neuroscience Society (CNS), Montreal, Canada.

Mestas, S. L., **Ryals, A. J.,** & Cleary, A. M. (2010).Eyewitness memory in a Virtual Reality Environment: A Demonstration of the Own-Race bias. Poster presented at the annual meeting of the Rocky Mountain Psychological Society, Denver, CO.

Phillips, C. S., Leonard, S. J., & **Ryals, A. J.** (2010). Does your Brain Know the Answer Before You Do? Poster presented at the annual “Celebrating   
Undergraduate Research Creativity (CURC)” conference at Colorado State University, Fort Collins, CO.

**Ryals, A. J.,** Sensenig, A. E., Henry, K. L., & Rhodes, M. G.(2009). Overconfidence versus Underconfidence in the Classroom: Exploring Differences in Metacognitive Calibration. Poster presented at the 50th annual meeting of the Psychonomic Society, Boston, MA.

Cleary, A. M., **Ryals, A. J.,** Yadon, C. A., Nomi, J. S., Williams, F. A., Krawzoff, M. K., & Boreson, C. B. (2009). Electrophysiological Correlates of Recognition without Identification. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.

**Ryals, A. J.,** Nomi, J. S., & Cleary, A. M. (2008). Recognition without Identification and the Déjà vu Phenomenon. Poster presented at the 49th annual meeting of the Psychonomic Society Chicago, IL.

Kostic, B., Miller, S., Severin, S., **Ryals, A. J.,** & Cleary, A. M. (2008) Recognition Memory for Analogies. Poster presented at the Midwestern Psychological Association Annual Meeting, Chicago, IL.

Alexander, J. L., **Ryals**, **A. J.,** Osborne, D., & Donahue, A. (2006). Increased P300 Event Related Potential Amplitude during a Self-Evaluation Task: A Replication. Poster presented at Towards a Science of Consciousness, Tucson, AZ.

**Invited Research Talks and Colloquia**

Memory and Brain Health as You Age: Understanding Changes and Dispelling Myths

-Osher Lifelong Learning Institute at the University of North Texas Fall 2019

Partial Retrieval is a Distinct yet Infrequent Phenomenon in Human Memory.

-Colorado State University, Perceptions, Illusions, Deceptions and Confusions Summer 2019

Neural Reflections on the Structure of the Past and the Fringe of Awareness Spring 2018

-Southern Methodist University, Festschrift for Dr. Alan Brown.

Connections and Confections: Advances in Neurosciences and Neuroimaging Winter 2015

-Wrigley/Mars Global Innovation Center and Northwestern University

Awareness in Recognition Memory Winter 2015

-Northwestern University Integrated Neuroscience (NUIN) Recruitment Day

The Spectrum of Awareness in Recognition Memory: From Brain to Behavior Fall 2014

-Loyola University, Chicago

Hippocampal Activity During Configural Scene Processing Without Awareness Spring 2013

-Cognitive Brain Mapping Group Data Blitz, -Northwestern University

**7. TEACHING**

**Graduate Courses**

Biological Bases of Behavior (PSYC 6030) Fall 2020

Biological Bases of Behavior (PSYC 6030) Fall 2019

-(11/20 respondents)

-Overall Summative Rating: **4.8 out of 5**

Biological Bases of Behavior (PSYC 6030) Fall 2018

-(19/20 respondents)

-Overall Summative Rating: **4.9 out of 5**

**Undergraduate Courses**

Cognition and Perception (PSYC 4800) Spring 2020

-(41/59 respondents)

-Overall Summative Rating **4.9 out of 5**

Cognition and Perception (PSYC 4800) Fall 2019

-(112/144 respondents)

-Overall Summative Rating **4.9 out of 5**

Cognition and Perception (PSYC 4800) Spring 2019

-(77/98 respondents)

-Overall Summative Rating **4.8 out of 5**

History and Systems of Psychology (PSYC 4600) Spring 2019

-(79/96 respondents)

-Overall Summative Rating **4.8 out of 5**

Cognition and Perception (PSYC 4800) Fall 2018

- (124/144 respondents)

-Overall Summative Rating: **4.7 out of 5**

History and Systems of Psychology (PSYC 4600) Spring 2018

- (56/94 respondents)

-Overall Summative Rating: **4.7 out of 5**

Cognition and Perception (PSYC 4800) Spring 2018

- (64/74 respondents)

- Overall Summative Rating: **4.8 out of 5**

History and Systems of Psychology (PSYC 4600) Fall 2017

- (71/99 respondents)

-Overall Summative Rating: **4.7 out of 5**

Cognition and Perception (PSYC 4800) Fall 2017

- (72/97 respondents)

- Overall Summative Rating: **4.8 out of 5**

History and Systems of Psychology (PSYC 4600) Spring 2017

- (47/66 respondents)

-Instructor Rating: **4.9 out of 5**

Cognition and Perception (PSYC 4800) Spring 2017

- (32/40 respondents)

- Overall Summative Rating **4.8 out of 5**

History and Systems of Psychology (PSYC 4600) Fall 2016

- (49/73 respondents)

- Overall Summative Rating: **4.8 out of 5**

Physiological Psychology Laboratory Spring 2012

-(Colorado State University)

-Course rating (across categories): 4.8 out of 5 (23/23 respondents)

-Instructor Rating: **4.9 out of 5**

Cognitive Psychology Fall 2011

-(Colorado State University)

-Course rating (across categories): 4.8 out of 5 (40/55 respondents)

-Instructor Rating: **4.8 out of 5**

Biopsychology Laboratory Summer, 2011

-(Colorado State University)

-Course rating (across categories): 4.7 out of 5 (12/12 respondents)

-Instructor Rating: **5 out of 5**

Applied Cognitive Psychology Laboratory Spring, 2010

-(Colorado State University)

-Course rating (across categories): 4.8 out of 5 (12/12 respondents)

-Instructor Rating: **4.9 out of 5**

**Invited Graduate Course Lectures**

Neurological Bases of Behavior Fall 2017

-Topic: Noninvasive Brain Stimulation

Advanced Social Psychology Spring 2017

-Topic: The Social Neuroscience of the Self

Biological Bases of Behavior Fall 2016

-Topic: Cognitive Neuroscience of Memory and Amnesia

Principles of Neuroimaging Summer 2015

-Topic: EEG, ERP, TMS

Fundamentals of Neuroscience Spring 2015

-Topic: The Cognitive Neuroscience of Human Memory: Part 1

Principles of Neuroimaging Summer 2013

-Topic: EEG, TMS, MEG

**Invited Undergraduate Course Lectures**

Research Methods in Psychology Winter 2016

-Topic: Understanding Amnesia

Introductory Psychology Fall 2011

-Topic: Biopsychology of Methamphetamine Addiction

History and Systems of Psychology Spring 2011

-Topic: Influences in the History of Cognitive Psychology

Introductory Psychology Spring 2011

-Topic: Applied Cognition

Cognitive Psychology Spring 2011

-Topic: An Overview of the History of Psychology

Cognitive Neuroscience Fall 2010

-Topics: Addiction, Higher Level Visual Cognition

Introductory Psychology Fall 2009 - Spring 2010

-Topic: Cognitive Neuroscience/ Neuropsychology

Mind, Brain, and Behavior Spring 2009 - Spring 2010

-Topic: Amnesia

Mind, Brain, and Behavior Fall 2009

-Topic: Gustation and Olfaction

Physiological Psychology Fall 2009

-Topic: Biopsychology of Addiction

Research Methods in Psychology Fall 2008

-Topic: Cognitive Neuroscience Techniques

Introductory Psychology Fall 2007- Spring 2008

-Topic: Biopsychology of Methamphetamine Addiction

**8. PROFESSIONAL SERVICE**

**Grant Reviewing**

The Austrian Science Fund

The Netherlands Organization for Scientific Research

The National Science Foundation

Canada Foundation for Innovation John R. Evans Fund

**Editorial Positions**

Review Editor: Frontiers in Human Neuroscience

Review Editor: Frontiers in Psychiatry

**Ad hoc Peer Reviewing**

Alzheimer’s Research and Therapy

Brain Research

Brain and Cognition

Brain Structure and Function

Cognition

Cognitive, Affective, and Behavioral Neuroscience

Consciousness and Cognition

Frontiers in Psychology

Frontiers in Human Neuroscience

International Journal of Psychophysiology

Journal of Cognitive Neuroscience

Journal of Experimental Psychology: Human Perception and Performance

Journal of Memory and Language

Journal of Neuroscience

Journal of Cognitive Neuroscience

Memory and Cognition

Neurobiology of Learning and Memory

Neuropsychologia

Neurophysiology

PLOS One

Psychophysiology

Psychological Science

Quarterly Journal of Experimental Psychology

**Professional Organizations**

Association for Psychological Science

Cognitive Neuroscience Society

Psychonomic Society

Society for Neuroscience

Society for the Teaching of Psychology

Southern Society for Philosophy and Psychology

Southwestern Psychological Association

**Awards**

David P. McCabe Excellence in Research Award- Colorado State University 2012

**Honors**

Psi Chi (National Honor Society of Psychology) 2005-Present

Phi Kappa Phi (National Academic Honor Society) 2005-Present

**Institutional Service and Community Outreach**

UNT Psi-Chi Advisor (Co-Advisor Blumenthal) Present

UNT Lecturer Search Committee 2019-20

UNT Behavioral Science Faculty Search Committee 2019

UNT Psychology Scholarship Committee 2017-Present (Chair 2019)

UNT Department of Psychology Research Fair Chair 2019

UNT Behavioral Science Faculty Committee 2016-Present

UNT Department of Psychology Mentoring Committee 2016- Present

UNT Department of Psychology Research Fair Judge Fall 2016, Fall 2017

Northwestern University NUIN Postdoctoral Affairs Committee 2015-2016

-Co-chair

Northwestern University Brain Awareness Outreach Teachers Workshop Winter 2015

-Learning and Memory Section Educator

Illinois State Science Fair Spring 2014

-Behavioral Science Poster Judge

Nichols Middle School Fall 2013

-Visiting speaker to six 8th-grade science classes

Northwestern University Postdoctoral Forum Symposium Summer 2013

-Symposium Poster Judge

Illinois Junior Science Academy Spring 2013

-Science Fair Poster Judge

CSU Graduate School Appeal Review Committee Fall 2011

-Graduate Student Representative

Graduate Student Council (GSC) Spring 2011

-Secretary/ Psychology Representative

Graduate Student Council (GSC) Fall 2009- 2011

-Psychology Representative

CSU Committee on Teaching and Learning (CoTL) Fall 2010- 2011

-Psychology Representative

Honors in Undergraduate Research Scholars (HURS) Mentor Spring 2010

-Mentees: Cassandra Phillips, Samuel Leonard

Undergraduate Research Program (REU) Mentor Summer 2008, 2009

-Mentees: Faith Williams, Felix Pichardo, Samantha Wagner

Psychology Graduate Curriculum Committee Fall 2008- Spring 2009

**Graduate Student Mentoring**   
Megan Kelly (Ph.D. Student), UNT present

Khrista Doshier (Ph.D. Student), UNT present

Ivan Carbajal (Ph.D. Student), UNT present

Justin Litvin, UNT 2016-2018

Paula de los Angeles, Northwestern University 2015

Alyssa Cunningham, Northwestern University 2014-2015

Long Chen, NUIN rotation student, Northwestern University 2013

Wanting Zhong, NUIN rotation student, Northwestern University 2012

**Graduate Student Thesis/Dissertation Committee Membership**

Justin Asbee, Department of Psychology, UNT present

James Rushton, Department of Psychology, UNT present

Megan Kelly, Department of Psychology, UNT present

Kyjeila Lattimore, Department of Psychology, UNT present

Ivan Carbajal, Department of Psychology, UNT present

Nicholas Magera, Department of Kinesiology, UNT 2019

Cade Leinbach, Department of Music, UNT 2019

Christopher Mlynski, Department of Psychology, UNT 2019

Hannah Walsh, Department of Psychology, UNT 2019

Amber Witherby, Department of Psychology, TCU 2019

Justin Litvin, Department of Psychology, UNT 2019

Megan Dolan, Department of Psychology, UNT 2019

Lee Bedford, Department of Psychology, UNT 2019

David Cleveland, Department of Kinesiology, UNT 2018

**Graduate Student Comprehensive Exam Committee Membership**

Ivan Carbajal, Department of Psychology, UNT

Justin Asbee, Department of Psychology, UNT

Christopher Mlynski, Department of Psychology, UNT

Lee Bedford, Department of Psychology, UNT

**McNair Scholar Mentoring**

Madison Card, UNT McNair Scholar present

Wesley Kraft, UNT McNair Scholar (co-mentor: Jenkins) 2019

Jared Cortez, UNT McNair Scholar/Honors Student 2019

**Undergraduate Honors Thesis Mentoring**

Kara Stuart, UNT present

Cade Leinbach 2020

Jared Cortez, UNT 2019

Sonja Hunter, UNT 2019

**Undergradutate Student Honors Thesis Committee Membership**

Shante Butler 2019

Lauren Tademy 2019

Daxton Mitchell 2019

Amy Nguyen 2019

**UNT Texas Academy of Math and Sciences Student Mentorship**

Wail Ahldani, UNT Neurocognitive Laboratory, UNT TAMS program present

Michelle Hagenimana, UNT Neurocognitive Laboratory, UNT TAMS program 2018-2019

Connor McKee, UNT Neurocognitive Laboratory, UNT TAMS program 2017-2018

**Undergraduate Research Mentoring**

Bianca Pirotina, UNT Neurocognitive Laboratory present

Nick Hasepes, UNT Neurocognitive Laboratory present

Ashley Risinger, UNT Neurocognitive Laboratory present

Allison Wheeler, UNT Neurocognitive Laboratory present

Stephon Primous, UNT Neurocognitive Laboratory present

Kara Stuart, UNT Neurocognitive Laboratory present

Jessica De La Garza, UNT Neurocognitive Laboratory 2018-2019

Sonja Hunter, UNT Neurocognitive Laboratory 2018-2019

Julia Bacci, UNT Neurocognitive Laboratory 2018-2019 Annelise Cornwell, UNT Neurocognitive Laboratory 2018-2019

Nicole Nielsen, UNT Neurocognitive Laboratory 2018-2019

Chelsi Patton, UNT Neurocognitive Laboratory 2017-2019

Zoe Lawson, UNT Neurocognitive Laboratory 2019

Sherianne Maiorelle, UNT Neurocognitive Laboratory 2018

Zach Lovell, UNT Neurocognitive Laboratory 2017-2018

Casey Shaddix, UNT Neurocognitive Laboratory 2017-2018

Paola Tirado, UNT Neurocognitive Laboratory 2017-2018

Brooke Reynolds, UNT Neurocognitive Laboratory 2017-2018

Seth Wanamaker, UNT Neurocognitive Laboratory 2017-2017

Robert Palumbo, NU Laboratory for Human Neuroscience 2016

Lakshmi Karuparthy, NU Laboratory for Human Neuroscience 2015 Brianna Pusey, IMSA Fellow, NU Laboratory for Human Neuroscience 2013 Annie Farfara, IMSA Fellow, NU Laboratory for Human Neuroscience

Travis Hawkins, Research Assistant, Electrophysiology Lab 2011

Rachelle Brunner, Research Assistant, Electrophysiology Lab

Kristen Arney, Research Assistant, Electrophysiology Lab

Francesca Dreith, Research Assistant, Electrophysiology Lab

Robb Talbott, Research Assistant, Electrophysiology Lab 2010

Amanda Miller, Research Assistant, Electrophysiology Lab

Michael Martinez, Research Assistant, Electrophysiology Lab

Alex Mahlock, Research Assistant, Electrophysiology Lab

Bradley Reimers, Research Assistant, Behavioral Lab

Jenna Jensen, Research Assistant, Behavioral Lab

Kayla Watson, Research Assistant, Behavioral Lab

Sarena Mestas, Research Assistant, Virtual Reality Lab

Carly Sheldon, Research Assistant, Virtual Reality Lab

Melissa Morris, Research Assistant, Virtual Reality Lab

Erik Garcia, Research Assistant, Electrophysiology Lab 2009

Michael Martinez, Research Assistant, Electrophysiology Lab

Cassandra Phillips, HURS Research Assistant, Electrophysiology Lab

Samuel Leonard, HURS Research Assistant, Electrophysiology Lab

Sarena Mestas, Research Assistant, Behavioral Lab

Robb Talbott, Research Assistant, Behavioral Lab

Cameron Miller, Research Assistant, Electrophysiology Lab

Will Maher, Research Assistant, Electrophysiology Lab

Meghan Crawford, Research Assistant, Behavioral Lab

Shachar Goldwater, Research Assistant, Behavioral Lab

Lindsey Scott, Research Assistant, Behavioral Lab

Madeline Krawzoff, Research Assistant, Electrophysiology Lab 2008

Chris Boreson, Research Assistant, Electrophysiology Lab

Tom Crews, Research Assistant, Behavioral Lab

Sarah Quirani, Research Assistant, Behavioral Lab

Sandra Monken, Research Assistant, Behavioral Lab

**References**

**Vicki Campbell, Ph.D.**

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