

## TEXAS STATE VITA

### I. ACADEMIC/PROFESSIONAL BACKGROUND

**A. Name:** Natalie A. Ceballos, Ph.D.                      **Title:** Professor

#### B. Educational Background:

Degree	Year	University	Major	Thesis/Dissertation
Ph.D.	2003	University of Oklahoma Health Sciences Center	Interdisciplinary Neuroscience	<i>Neurocognition, Nicotine &amp; Polysubstance Abuse</i> Mentor: Sara Jo Nixon, Ph.D.
B.A.	1998	Southwestern Oklahoma State University	Chemistry	N/A
B.S.	1998	Southwestern Oklahoma State University	Biological Sciences	N/A

#### C. University Experience:

Position	University	Dates
Professor	Texas State University-San Marcos	2017 to present
Associate Chair of Psychology	Texas State University-San Marcos	2014 to 2016
Associate Professor	Texas State University-San Marcos	2012 to 2017
Assistant Professor	Texas State University-San Marcos	2007 to 2012
Lecturer	Texas State University-San Marcos	2006 to 2007
Research Assistant Professor	University of Minnesota Medical School Duluth	2005 to 2006
NIAAA Postdoctoral Fellow	University of Connecticut Health Center	2003 to 2005

### II. TEACHING

#### A. Teaching Honors and Awards:

Nominee for John R. Hood Honors Professor of the Year, 2017

College of Liberal Arts Presidential Distinction Award for Excellence in Teaching, 2015

College of Liberal Arts Nominee for Presidential Excellence in Teaching Award, 2015

Alpha Chi National Honor Society (TX State Chapter) Favorite Professor, 2012, 2015, 2016

Dean of Liberal Arts' Award for Excellence in Teaching, 2009

Dean's Nominee for Presidential Excellence in Teaching Award, 2009

Selected as a "Chi Omega Favorite Teacher", 2008

Selected as a “Favorite Teacher” at the Annual Mitte Circle of Excellence Luncheon, 2008.

## **B. Courses Taught:**

### Undergraduate Courses

PSY 1300, Introductory Psych: Fall 2018, Spring 2018, Fall 2017, Spring 2017, Summer II 2010, May Mini-Session 2010, Summer I 2007

PSY 3302, Experimental Design & Research Methods: Spring 2013, Spring 2012, Fall 2011, Spring 2011, Fall 2010, Fall 2009

PSY 3312, Adolescent Psychology: Summer 2008, Spring 2007, Fall 2006

PSY 3321, Sensation & Perception: Fall 2008, Fall 2007

PSY 3322, Brain and Behavior (formerly PSY 4322): Spring 2019, Summer I 2018 (online), Summer II 2017 (online), Fall 2016, Summer II 2016 (online), Spring 2016, Fall 2015, Summer II 2015 (online), Spring 2015, Fall 2014

PSY 3325, Psychology of Persuasion: Summer 2008

HON 3397T, Psychology in Film, Spring 2016

PSY 4322, Brain & Behavior: Summer II 2014 (online), Spring 2013 (online), Fall 2012 (online), Fall 2012, Summer II 2012 (online), Fall 2011 (online), Summer II 2011 (online), Summer I 2011 (online), Fall 2010, Summer II 2010, Spring 2010, Fall 2009, Spring 2009, Spring 2008, Summer I 2007

PSY 4342, Learning & Memory: Summer II 2007

PSY 4390N, Psychopharmacology: Spring 2019, Spring 2018, Spring 2017

### Graduate Courses

PSY 5105, Practicum in Teaching Psychology: Spring 2016, Fall 2015, Spring 2015

PSY 5324, Biological Bases of Behavior: Spring 2012, Spring 2011

PSY 5345, Psychopharmacology: Fall 2018, Spring 2010, Spring 2009

PSY 5391, Research Methods & Experimental Design: Fall 2008

## **C. Graduate Theses/Dissertations or Exit Committees:**

### **1. MA in Health Psychology, Texas State University (closed to new students effective fall 2011)**

#### Thesis Committee Chair

2012:	Duncan Dickson	“Physiological and psychological consequences of forced mobile phone abstention”
2011:	Lindsey Helden	“Impact of therapies on pain perception and psychological sequelae in chronic pain patients”
2010:	Laura Kaufman	“Effects of nicotine pharmacology and stimulus expectancies on withdrawal and attention”
2009:	William Fisher	“The relationship between memory and event-related potentials in pathologically impulsive aggressive juveniles: a retrospective chart study”

Thesis Committee Member

2010:	Chelsey Werchan	“Adherence and quality of life in adults with cystic fibrosis: the influence of self-efficacy and coping style”
	Juliette Galindo	“Automatic and controlled processes regulating attentional distraction by emotional stimuli”
	Jondell LaFont	“A comparison of expressive writing effects on body image: symptomatic vs. asymptomatic women”
	Wendy Brooks	“Role of sensory environment in stress reactivity: implications for pathological anxiety”
	Cory Overby	“Attention bias to alcohol cues in social drinking college students”
2009:	Natalia Rojas	“Body image in Colombian, Mexican and American female college students: a cross-cultural study”
2008:	Tommy Erwin	“Effects of sex and disposition on cardiovascular reactivity and recovery”
2007:	Anastasia Benson	“Female mating preference predicts the male’s reproductive success in rats”

**2. MA in Psychological Research, Texas State University (first class admitted fall 2013)**

Thesis Committee Chair

In Progress	Linda-Brooke Thompson	“Reward sensitivity and motivations for alcohol use: the importance of drinking context”
2018:	Reginald Clark	“Factors influencing academic success in first generation college students”
2018:	Julia Moore	“Alcohol consumption and other related factors in military veterans attending college”
2016:	Morgan Kelly	“Autonomic indices of cue-reactivity in college students”

Thesis Committee Member

In Progress	Anthony Robinson	“Neurocognitive correlates of perfectionism: A multi-dimensional perspective”
2018:	Kirstin Critz	“An exploratory study of psychosocial factors that influence trolling behaviors on social media”
2017:	Sera Schaffer	“An examination of the relationship between gender identity and humor preference”
2016:	Frank DePalma	“Individual differences in the attentional blink to alcohol-related cues”
2015:	Matthew Light	“Individual difference in emotional and motivational salience for complex scenes”
2015:	Jaime Chambers	“Factors that contribute to attrition of teachers within Texas’ public schools”
2015:	Kyle Thurin	“Alcohol preferences and event-related potential indices of cue-reactivity to alcohol images”
2015:	Adrienne Koller	“Surviving the "yellow door" - an analysis of post-treatment psychosocial resilience”

### 3. MSc Program, Department of Psychiatry, McGill University

#### External Examiner for Thesis

2015: Kaitlyn Enright “A novel neurophysiological marker for high-risk behavior: does the N400 event-related brain potential demarcate behavioural disinhibition towards dangerous social roles in DWI offenders?”

### 4. PhD Program, Department of Biology, Texas State University (through courtesy appointment in Department of Biology)

#### Dissertation Committee Chair

2016: Shobhit Sharma “Influence of brain-derived neurotrophic factor and family history of alcohol dependence on alcohol consumption characteristics of healthy social drinkers”

## D. Courses Prepared and Curriculum Development:

#### Undergraduate Courses

2018: Introduction to Psychology (*modified the course to include an experiential learning component as part of a two-semester Faculty Makers workshop*)

2017: Introduction to Psychology (*completed a summer Multicultural Course Transformation Institute, transformed the course, and earned a “multicultural perspectives” designation*)

2014: Psychology in Film (*developed new course for Honors Program*)

2011: Brain and Behavior (*adapted original course for online teaching*)

2008: Adolescent Psychology (Canterbury UK, Study Abroad Program; *modified original course to enhance cross-cultural focus*)

#### Graduate Courses

2008: Psychopharmacology (*developed new course for Health Psychology Master’s program*)

## E. Other:

### 1. Undergraduate Research Supervision

#### *Internally- and/or Externally-Funded Student Research Projects*

Wickham, K. (Awardee), Ceballos, N.A. (Faculty Sponsor). A correlational study on the neurodevelopmental theories of human sexuality. Texas State University’s Student Undergraduate Research Fund (SURF) / Mind Science Foundation of San Antonio. (total amount \$1,000, 2015-2016)

Bassitt, S. (Awardee), Ceballos, N.A. (Faculty Sponsor). How does body image awareness change during the transition to college life? Texas State University’s Student Undergraduate Research Fund (SURF) / Mind Science Foundation of San Antonio. (total amount \$1,000, 2012-2013)

#### *Undergraduate Honors Theses*

2018: Megan Armstrong: “Attachment study and alcohol use in college students” (Supervisor)

2018: Danielle Callaway: “Short- and long-term effects of addicting substances on the brain” (Supervisor)

- 2016: Keimche Wickham “A correlational study on the neurodevelopmental theories of human sexuality” (Supervisor)  
2014: Haley Cook “Military PTSD treatments differ in quality of research methodology: a meta-analysis of pharmacological, cognitive-behavioral and non-traditional therapies” (Second Reader)  
2013: Jessica Kornberg “Trust no one: guidelines for effective application of group work projects in higher education” (Supervisor)  
2010: Ragan Aaron “Expressive arts and anxiety” (Co-Supervisor)

*Other Undergraduate Mentoring (Research)*

- 2017-2018: Jenny Newman, Scott Oettli (Co-supervised ERP work with Dr. Reiko Graham, fall 2017), Melanie Coles-Ruiz  
2016-2017: Oluwaseun Awofisayo, Amanda Gordon, Danielle Callaway  
2015-2016: Keimche Wickham, Mia Furgurson, Oluwaseun Awofisayo, Juliana Guerrero, Arthur Barrera, Amanda Gordon, Danielle Callaway  
2014-2015: Joshua Ford, John Treffalls, Luis Flores, Ligia Zolezzi, Gisela Salgado, Estefania Lopez, Breana McCormack, Keimche Wickham  
2013-2014: *Developmental Leave Year*  
2012-2013: Salina Bassitt, Gordon Dodwell, Jessica Kornberg, Jaime Chambers  
2011-2012: Yesenia Bernice Flores, Grayson Paynter, Michael Cawvey, Leslie Thompson, Shannon Wilder, Salina Bassitt  
2010-2011: Velia Hernandez, Natalie Carter, Jennifer Paz  
2009-2010: Sarah Smart, Amanda Wilson, Melinda Nowak  
2008-2009: Veronica Newton, Kim Rinehart, Eva Tweedy, Brian Allen, Ragan Aaron, Kevin Lewis, Catherine Love, Lauren Graham  
2008: Mallory Zikeli, Mike Caverly  
2007-2009: Brittney Wiese  
2007-2008: Chatone Strickland, Velia Hernandez, Ana Cabezas, Elizabeth Ramon, Carlos Perez (Co-Supervisor with Dr. Maria Czyzewska)  
2007-2008: Kristin Milam  
2006-2007: Jade Lovera (Co-Supervisor with Dr. Maria Czyzewska), Melinda Medrano

**2. Graduate Research Supervision:**

*Internally- and/or Externally-Funded Student Research Projects*

Sharma, S. (Awardee), Ceballos, N.A. (Faculty Sponsor). Doctoral Research Support Fellowship Award, Texas State University Graduate College. (total amount \$5,000, spring 2015)

Sharma, S. (Awardee), Ceballos, N.A. (Faculty Sponsor). Influence of Brain-Derived Neurotrophic factor and family history of alcohol dependence on alcohol consumption characteristics of healthy social drinkers. John P. McGovern Fellowship from the Texas Research Society on Alcoholism. (total amount \$5,000, 2012-2013)

*Other Graduate Mentoring (Research)*

2011: Xuan Santos, TX State Summer Predoctoral Fellow, Department of Psychology.

**3. Mentoring through the Bobcat Bond Program:**

- 2014-2016: Cary Nagar  
2015: Sonia Galvan

### III. SCHOLARLY / CREATIVE WORK (†denotes TX State student co-author)

#### A. Works in Print:

##### 1. Chapters in Books (Refereed):

- Ceballos, N.A. (2014). Weight loss interventions in the Mexican-American community. In V. Brennan, S. Kuanyika, R. Zambrana (Eds.), *Obesity Interventions in Underserved U.S. Populations: Evidence and Directions* (123-148). Baltimore, MD: Johns Hopkins University Press.
- Ceballos, N.A., Colbert, A., Graham, R. (2014). Acculturation, health disparities and the Hispanic Health Paradox. In Merton, J. (Ed.), *Acculturation, Psychology, Processes and Global Perspectives* (1-28). New York: Nova Science Publishers, Inc.
- Houston, R.J., Ceballos, N.A. (2013). Human neurophysiology: EEG and quantitative EEG in addiction research. In P. Miller (Ed.), *Biological Research on Addiction: Comprehensive Addictive Behaviors and Disorders, Volume 2*. Elsevier.
- Fisher, W.I., Johnson, A., Fisher, L., †Sharma, S., Ceballos, N.A. (2013). Impulsive-aggressive behavior in adolescents: a review. In R. Bodine and D.R. Bucher (Eds.), *Aggressive Behavior: New Research* (45-92). New York: Nova Science Publishers, Inc.
- Czyzewska, M., Graham, R., Ceballos, N.A. (2011). Explicit and implicit attitudes to food. In V.R. Preddy & R. R. Watson (Eds.), *Handbook of Behavior, Food and Nutrition* (673-692). London: Springer.
- Ceballos, N.A., Cheek, J.A., Tivis, R.D., Nixon, S.J. (2006). Assessing cognitive efficiency in chronic street drug users. In S. Cole (ed.), *Street Drugs: New Research* (31-54). New York: Nova Science Publishers, Inc.

##### 2a. Refereed Journal Articles:

- †Robinson, A., †Bonnette, A., Howard, K., Ceballos, N.A., Dailey, S., Lu, Y., Grimes, T. (2019). Social comparisons, social media addiction, and social interaction: an examination of specific social media behaviors related to major depressive disorder in a millennial population, *Journal of Applied Biobehavioral Research*, e12158. <https://doi.org/10.1111/jabr.12158>
- Ceballos, N.A., Howard, K., Sharma, S., Dailey, S.L., Grimes, T. (2018) Collegiate binge drinking and social media use among Hispanics and Non-Hispanics. *Journal of Studies on Alcohol and Drugs*, 79(6), 868-875.
- †Thurin, K., Ceballos, N.A., Graham, R. (2017). Alcohol preferences and event-related potentials to alcohol images in college students. *Journal of Studies on Alcohol and Drugs*, 78, 916-921.
- †DePalma, F.M., Ceballos, N.A., Graham, R. (2017). Attentional blink to alcohol cues in binge drinkers versus non-binge drinkers. *Addictive Behaviors*, 73, 67-73.
- †Sharma, S., Graham, R., Rohde, R., Ceballos, N.A. (2017). Stress-induced change in serum BDNF is related to quantitative family history of alcohol use disorder and age at first alcohol use. *Pharmacology, Biochemistry and Behavior*, 153, 12-17.
- †Sharma, S., Ceballos, N.A. (2017). Exercise, salivary cortisol, and perceived stress in American adolescents. *International Journal of Child and Adolescent Health*, 10(1), 99-105.

- Ceballos, N.A., †Sharma, S. (2016). Risk and resilience: the role of BDNF in alcohol use disorder. *AIMS Neuroscience*, 3 (4): 398-432.
- †Sharma, S., Ceballos, N.A. (2016). Predictors of psychological and physiological stress during inpatient treatment for alcohol use disorder. *Alcoholism Treatment Quarterly*, 34 (4), 425-436.
- Ceballos, N.A., †Mayfield, A., Graham, R. (2016). ERPs to alcohol images among Hispanic and Non-Hispanic female college freshmen. *AIMS Neuroscience*, 3, 1-21.
- Ceballos, N.A., †Sharma, S., Patterson, T.L., Graham, R., Howard, K. (2015). Stress, immune function and collegiate holiday drinking: a pilot study. *Neuropsychobiology*, 72, 8-15.
- Bauer, L.O., Ceballos, N.A. (2014). Neural and genetic correlates of binge drinking among college women. *Biological Psychology*, 97, 43-48.
- Ceballos, N.A., Czyzewska, M., Croyle, K. (2012). College drinking among Latinos(as) in the United States and Mexico. *The American Journal on Addictions*, 21, 544-549.
- Ceballos, N.A., Giuliano, R.J., Wicha, N.Y.Y., Graham, R. (2012). Acute stress and event-related potential correlates of attention to alcohol images in social drinkers. *Journal of Studies on Alcohol and Drugs*, 73, 761-771.
- Graham, R., †Hoover, A., Ceballos, N.A., Komogortsev, O. (2011). Body mass index moderates gaze orienting biases and pupil diameter to high and low calorie food images. *Appetite*, 56, 577-586.
- †Fisher, W., Ceballos, N., Matthews, D., Fisher, L. (2011). Event-related potentials in impulsively aggressive juveniles: a retrospective chart-review study. *Psychiatry Research*, 187,409-413.
- †Aaron, R.E., †Rinehart, K.L., Ceballos, N.A. (2011). Arts-based interventions to reduce anxiety levels among college students. *Arts and Health*, 3, 27-38.
- Ceballos, N.A., Czyzewska, M. (2010). Body image in Hispanic/Latino adolescents: influence of gender, ethnicity and body mass index. *Journal of Health Care for the Poor and Underserved*, 21, 823-838.
- Ceballos, N.A., Komogortsev, O.V., Turner, G.M. (2009). Ocular imaging of attentional bias among college students: automatic and controlled processing of alcohol-related scenes. *Journal of Studies on Alcohol and Drugs*, 70, 652-659.
- Ceballos, N.A., Hooker, S., al'Absi, M. (2009). Sex-specific associations of body mass index with mood disturbance during smoking abstinence. *Neuropsychobiology*, 60, 37-43.
- Ceballos, N.A., †Wiese, B., Hovland, J. (2009). Gender, body image and attitudes about tobacco in the United States-Mexico border region: implications for smoking prevention and treatment efforts for adolescents and emerging adults. *Journal of Addictions Nursing*, 20, 66-70.
- Ceballos, N.A, Bauer, L.O., Houston, R.J. (2009). Recent EEG and ERP findings in substance abusers. *Clinical EEG and Neuroscience*, 40, 1-7.
- Gilbertson, R., Prather, R., Ceballos, N.A., Nixon, S.J. (2009). Effect of acute alcohol consumption in older and younger adults: subjective intoxication vs. physiological response. *Journal of Studies on Alcohol and Drugs*, 70, 242-252.
- Ceballos, N.A., Tivis, R.D., Prather, R., Nixon, S.J. (2008). Transdermal Nicotine Administration and the Electroencephalographic Activity of Substance Abusers in Treatment. *Journal of Addiction Medicine*, 2, 202-214.

- Tivis, L.J., Ceballos, N.A., Chastain, G., Tivis, R.D. (2008). Alcohol and estrogen replacement therapy in postmenopausal women: Direct and mediated effects on cognitive component processes. *Neuropsychobiology*, *58*, 104-110.
- Nixon, S.J., Lawton-Craddock, A., Tivis, R., Ceballos, N. (2007). Nicotine's effects on attentional efficiency in alcoholics. *Alcoholism: Clinical and Experimental Research*, *31*, 2083-2091.
- Hovland, J., Ceballos, N.A. (2007). Are smokers' reasons for smoking related to their body mass indices? *Substance Use and Misuse*, *42*, 1-8.
- Ceballos, N.A., France, C.R., al'Absi, M. (2007) Influence of naltrexone on dehydroepiandrosterone sulfate levels in male and female participants. *Biological Psychology*, *74*, 414-416.
- Ceballos, N.A. (2006). Tobacco use, alcohol dependence and cognitive performance. *Journal of General Psychology*, *133*, 375-388.
- Ceballos, N.A., al'Absi, M. (2006). Dehydroepiandrosterone sulfate, cortisol, mood state, and smoking cessation: Relationship to relapse status at 4-week follow-up. *Pharmacology, Biochemistry and Behavior*, *85(1)*, 23-28.
- Bauer, L.O., Ceballos, N.A., Taylor, R.E. (2006). Interactive effects of hypertension and alcohol dependence on the P300 event-related potential in African Americans. *EEG and Clinical Neuroscience*, *37*, 210-214.
- Ceballos, N.A., Houston, R.J., Bauer, L.O., Hesselbrock, V.M. (2006) Brain maturation in conduct disorder vs. borderline personality disorder. *Neuropsychobiology*, *53*, 94-100.
- Ceballos, N.A., Tivis, R., Lawton-Craddock, A., Nixon, S.J. (2006). Nicotine and cognitive efficiency in alcoholics and illicit stimulant abusers: Implications for smoking cessation in substance abuser treatment. *Substance Use and Misuse*, *41*, 265-281.
- Ceballos, N.A., Tivis, R., Lawton-Craddock, A., Nixon, S.J. (2005). Visual-spatial attention in alcoholics and illicit stimulant abusers: Effects of nicotine replacement. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, *29*, 97-107.
- Ceballos, N.A., Houston, R.J., Smith, N.D., Bauer, L.O., Taylor, R.E. (2005). N400 as an index of semantic expectancies: Differential effects of alcohol and cocaine dependence, *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, *29*, 936-943.
- Houston, R.J., Ceballos, N.A., Bauer, L.O., Hesselbrock, V.M. (2005). Borderline personality disorder features in adolescent girls: P300 evidence of altered brain maturation. *Clinical Neurophysiology*, *116*, 1424-1432.
- Bauer, L.O., Ceballos, N.A., Shanley, J.D., Wolfson, L.I. (2005). Sensorimotor dysfunction in HIV/AIDS: Effects of antiretroviral treatment and co-morbid psychiatric disorders. *Aids*, *19*, 495-502.
- Ceballos, N.A., Bauer, L.O. (2004). Effects of antisocial personality disorder, cocaine and opioid dependence, and gender on eye movement control. *Psychological Reports*, *95*, 551-563.
- Ceballos, N.A., Nixon, S.J., Tivis, R.D. (2003). Substance abuse-related P300 differences in response to an implicit memory task. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, *27*, 157-164.



- Ceballos, N.A., Nixon, S.J., Phillips, J.A., Tivis, R.D. (2003). Semantic processing in alcoholics with and without antisocial symptomatology. *Journal of Studies on Alcohol*, 64, 286-291.
- Nixon, S.J., Tivis, R.D., Ceballos, N.A., Varner, J.L., Rohrbaugh, J. (2002). Neurophysiological efficiency in male and female alcoholics. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, 26, 919-927.
- Martin, R.E., Wickham, J.Q., Om, A-S, Sanders, J., Ceballos, N. (2000). Uptake and incorporation of docosahexaenoic acid (DHA) into neuronal cell body and neurite/nerve growth cone lipids: Evidence of compartmental DHA metabolism in nerve growth factor-differentiated PC12 cells. *Neurochemical Research*, 25, 715-723.

## 2b. Non-Refereed Articles:

- Ceballos, N.A., Babor, T. (2017). Editor's Corner: Binge drinking and the evolving language of alcohol research. *Journal of Studies on Alcohol and Drugs*, 78(4), 488-490.

## 3. Published Abstracts/Conference Proceedings (Refereed):

- Ceballos, N.A., Sharma, S., Grimes, T., Dailey, S., Howard, K. (2018). Binge drinking and social media intensity among Hispanic and Non-Hispanic college students. *Alcoholism: Clinical and Experimental Research*, 42(S1), 255A.
- Ceballos, N.A., Sharma, S., †Barrera, A., †Awofisayo, O., †Ferguson, M., †Kelly, M., †Callaway, D., †Gordon, A., Graham, R. (2017). Stress and alcohol use before and after spring break: pre-drinkers versus controls. *Alcoholism: Clinical and Experimental Research*, 41(S1), 231A.
- †Sharma, S., †Chambers, J., †Treffalls, J., Ceballos, N.A. (2016). Brain-derived neurotrophic factor, stress and alcohol consumption in college drinkers. *Alcoholism: Clinical and Experimental Research*, 40(S1), 195A.
- Ceballos, N.A., Najera, I. (2015). The first in my family: mentoring first generation college students in academia and beyond. *2015 Mentoring Conference Proceedings* (pages 131-134). Albuquerque, NM: The Mentoring Institute.
- †Kelly, M., Graham, R., †Ford, J., Ceballos, N.A. (2015). Alcohol use and resting heart rate variability in college drinkers. *Alcoholism: Clinical and Experimental Research*, 39(S1), 63A.
- †Moore, J., †Sailors, A., Graham, R., Ceballos, N.A. (2015). Alcohol use, anxiety and depression in military veterans attending college. *Alcoholism: Clinical and Experimental Research*, 39(S1), 17A.
- †Sharma, S., Howard, K., Graham, R., Ceballos, N.A. (2013). Stress and immune function of social drinking college students before and after spring break. *The FASEB Journal*, 27, 1124-1125.
- Ceballos, N., Czyzewska, M., †Hernandez, V. (2011). A cross-country comparison of college drinking in the United States and Mexico. *Alcoholism: Clinical and Experimental Research*, 35, 102A.
- Ceballos, N., Giuliano, R., Wicha, N.Y.Y., Graham, R. (2011). Social drinking characteristics predict P300 reactivity to alcohol-related scenes in a three-stimulus oddball task. *Alcoholism: Clinical and Experimental Research*, 35, 105A.

- Ceballos, N.A., †Sharma, S., †Harlow, J., †Kaufman, L., †Baugh, J., †Lewis, K., †Allen, B. Graham, R. (2010). Alcohol expectancies and their differential relationship to measures of stress and attentional bias among alcohol abusers in treatment. *Alcoholism: Clinical and Experimental Research*, 34, 41A.
- Graham, R., Giuliano, R., †Kaufman, L., Wicha, N.Y.Y., Ceballos, N.A. (2010). ERP correlates of attentional capture by alcohol images in social drinkers. *Alcoholism: Clinical and Experimental Research*, 34, 197A.
- †Kaufman, L., Ceballos, N.A., †Sharma, S., †Allen, B., †Overby, C., Graham, R. (2010). Stress-related anxiety is moderated by salivary cortisol, drinking experience, and alcohol expectancies in social drinkers. *Alcoholism: Clinical and Experimental Research*, 34, 41A.
- †Hoover, A., Ceballos, N.A., Komogortsev, O., Graham, R. (2010). Effects of hunger and body mass index on attentional capture by high and low calorie food images: an eye tracking study. *Journal of Vision*, 10, 256.
- Matthews, D., †Fisher, W., Ceballos, N., Fisher, L. (2009). Event-related potentials in juveniles with impulsive aggression. *Journal of Neuropsychiatry and Clinical Neurosciences*, 21, 7.
- Ceballos, N.A., Giuliano, R., Wicha, N.Y.Y., Graham, R. (2009). Self-reported alcohol use expectancies and the effects of stress on event-related potentials to alcohol-related scenes. *Alcoholism: Clinical and Experimental Research*, 33, 101A.
- Nixon, S.J., Gilbertson, R., Prather, R., Ceballos, N. (2008). Stress and alcohol use in alcoholics and moderate drinkers. Symposium presented at Alcoholism & Stress: A Framework for Future Treatment Strategies. Volterra, Italy. (*Alcohol*, 42, 303-341).
- Gilbertson, R., Ceballos, N.A., Prather, R.A., Tivis, R.D., Nixon, S.J. (2007). Correlates of smoking behavior in alcoholics and social drinkers. *Alcoholism: Clinical and Experimental Research*, 31, 166A.
- Bauer, L.O., Houston, R.J., Ceballos, N.A., Hesselbrock, V. (2006). Electrophysiological correlates of externalizing disorders in adolescents. Presented as part of a symposium entitled *Externalizing Characteristics and the Risk for Alcoholism Across Populations and Measures*. Organizers/Chairs: Marc Shuckit and Victor Hesselbrock. 29<sup>th</sup> annual scientific meeting of the Research Society on Alcoholism, Baltimore, Maryland. 6/2006. (*Alcoholism: Clinical and Experimental Research*, 30, 258A).
- Gilbertson, R., Lawton-Craddock, A., Ceballos, N.A., Nixon, S.J. (2006). Attentional efficiency is modulated by nicotine dose in alcoholics but not controls. *Alcoholism: Clinical and Experimental Research*, 5 Suppl, 92A.
- Prather, R., Tivis, R., Ceballos, N.A., Nixon, S.J. (2006). Beta power in resting EEG of controls and substance abusers under acute nicotine administration. *Alcoholism: Clinical and Experimental Research*, 5 Suppl, 93A.
- Ceballos, N.A., al'Absi, M. (2006). Dehydroepiandrosterone sulfate, cortisol, mood state and smoking cessation: Relationship to relapse status at 4-week follow-up. *Nicotine and Tobacco Research*, 9, S280-S281.
- Ceballos, N.A., Houston, R.J., Smith, N.D., Bauer, L.O., Taylor, R.E. (2004). Independent and combined effects of alcohol and depression on the P300 event-related potential. *Alcoholism: Clinical and Experimental Research*, 28 Suppl, 21A.

- Houston, R.J., Ceballos, N.A., Bauer, L.O., Hesselbrock, V.M. (2004). Arrested development: Effects of Axis II disorders and age on P300 in an at-risk sample. *Alcoholism: Clinical and Experimental Research*, 28 Suppl, 21A.
- Ceballos, N.A., Tivis, R.D., Nixon, S.J. (2003). Effect of transdermal nicotine administration on attentional functioning in alcoholics, stimulant abusers and controls. *Alcoholism: Clinical and Experimental Research*, 27 Suppl, 71A.
- Ceballos, N.A., Cheek, J.A., Tivis, R.D., Nixon, S.J. (2002). Assessing cognitive efficiency: CPT performance in alcoholics, polysubstance abusers and community controls. *Alcoholism: Clinical and Experimental Research*, 26 Suppl, 34A.
- Lawton-Craddock, A., Ceballos, N., Tivis, R., Phillips, J., Nixon, S.J. (2002). Frontal lobe dysfunction in alcoholics with and without antisocial symptomatology. *Alcoholism: Clinical and Experimental Research*, 26 Suppl, 36A.
- Ceballos, N.A., Nixon, S.J., Phillips, J.A., Tivis, R.D. (2001). Semantic processing in alcoholics with and without antisocial symptomatology. *Alcoholism: Clinical and Experimental Research*, 25 Suppl, 66A.
- Leftwich, M.J.T, Hallford, H.G., Ceballos, N.A., Nixon, S.J. (2001). Cravings and urges: Do we really know what the patient means? *Alcoholism: Clinical and Experimental Research*, 25 Suppl, 137A.
- Ceballos, N.A., Tivis, R.D., Nixon, S.J. (2000). Processes underlying attentional deficits in detoxified alcoholics. *Alcoholism: Clinical and Experimental Research*, 24 Suppl, 123A.

#### **4. Other Published Scholarly or Creative Works:**

##### **Video Project**

- Najera, I. (Executive Producer), Ceballos, N. (Co-Producer). (2013). First generation college students: where are they now? Texas State University Media Productions.

#### **B. Works not in Print:**

##### **1. Papers Presented at Professional Meetings: (2007-present)**

- Ceballos, N.A., Sharma, S., Grimes, T., Dailey, S., Howard, K. (2018). Binge drinking and social media intensity among Hispanic and Non-Hispanic college students. Poster presented at the 41<sup>st</sup> annual meeting of the Research Society on Alcoholism, San Diego, CA. 6/2018.
- †Farley, R.D., Howard, K., Dailey, S., Ceballos, N.A., & Grimes, T. (2018). An evaluation of personal distress and social media behaviors within the Millennial Generation. Poster presented at the 30th annual meeting of the Association of Psychological Science, San Francisco, CA. 5/2018
- †Robinson, A., †Bonnette, A., Howard, K., Dailey, S., Ceballos, N.A., & Grimes, T. (2018). Specific social media behaviors associated with major depressive disorder. Poster presented at the 30th annual meeting of the Association of Psychological Science, San Francisco, CA. 5/2018
- †Bonnette, A.T., †Robinson, A., Howard, K., Dailey, S., Ceballos, N.A., & Grimes, T. (2018). Evaluating the relationship between social media behaviors and anxiety disorder in undergraduate college students. Poster presented at the 30th annual meeting of the Association of Psychological Science, San Francisco, CA. 5/2018

- †Critz, K.L., Howard, K., Dailey, S., Ceballos, N.A., & Grimes, T. (2018). An exploratory study of psychological factors that influence trolling on social media. Poster presented at the 30th annual meeting of the Association of Psychological Science, San Francisco, CA. 5/2018
- †Edwards, D., †Cordero, V., †Renteria, T., †Oettli, S., Ceballos, N.A., & Graham, R. (2018). Classification of active vs. inactive words primed by images of different body types exercising: the roles of body mass index and restrained eating. Poster presented at the 30th annual meeting of the Association of Psychological Science, San Francisco, CA. 5/2018
- †Oettli, S., †Lamb, S., †Renteria, T., †Edwards, D., Ceballos, N.A., & Graham, R. (2018). Gender differences in alcohol preferences and attentional biases to preferred alcoholic beverages. Poster presented at the 30th annual meeting of the Association of Psychological Science, San Francisco, CA. 5/2018
- †Renteria, T., †Oettli, S., †Edwards, D., Ceballos, N.A., & Graham, R. (2018). Characterizing beliefs about the nature of the “munchies”: an associative priming study. Poster presented at the 30th annual meeting of the Association of Psychological Science, San Francisco, CA. 5/2018
- Howard, K., †Roming, S., Ceballos, N.A., Dailey, S., & Grimes, T. (2018). Social media behaviors and psychosocial predictors of social media addiction. Poster presented at the 2nd annual Translational Health Showcase, Texas State University, San Marcos, Texas. 2/2018
- Watt, T.T., Ceballos, N.A., Kim, S. (2017). Mental Health Research Group: Stress and Health: identifying risks and exploring paths to resistance. Poster presented at the 1st annual Translational Health Showcase, Texas State University, San Marcos, Texas. 2/2017.
- Ceballos, N.A., Sharma, S., †Barrera, A., †Awofisayo, O., †Ferguson, M., †Kelly, M., †Callaway, D., †Gordon, A., Graham, R. (2017). Stress and alcohol use before and after spring break: pre-drinkers versus controls. Poster presented at the 40th annual meeting of the Research Society on Alcoholism, Denver, Colorado. 6/2016.
- †Sharma, S., †Chambers, J., †Treffalls, J., Ceballos, N.A. (2016). Brain-derived neurotrophic factor, stress and alcohol consumption in college drinkers. Poster presented at the 39th annual meeting of the Research Society on Alcoholism, New Orleans, Louisiana. 5/2016.
- †Gray, C., Ceballos, N., Graham, R., Tooley, K. (2016). Effects of vicarious equine therapy on mood in college students. Poster presented at the 28th annual meeting of the Association for Psychological Science, Chicago, IL. 5/2016.
- †Zborowski, A., Komogortsev, O., Ceballos, N., †Treffalls, J., Graham, R. (2016). Food preferences and gaze patterns to complex food images. Poster presented at the 23rd annual meeting of the Cognitive Neuroscience Society, New York, NY. 4/2016.
- †Dudley, T., Easton, J., Ceballos, N., †Rodriguez, N., Samson, R., †Treffalls, J., Graham, R. (2016). Same/other sex attractiveness in female heterosexuals: an eye-tracking study. Poster presented at the 23rd annual meeting of the Cognitive Neuroscience Society, New York, NY. 4/2016.

- †DePalma, F., Ceballos, N., †Lopas, R., †Vasquez, A., Samson, R., †Zborowski, A., Graham, R. (2016). Food type and ERPs to different kinds of foods: evidence for dissociation of the N2 and P3 components in a Go/No-Go task. Poster presented at the 23rd annual meeting of the Cognitive Neuroscience Society, New York, NY. 4/2016.
- †Ferguson, A., Ceballos, N., Samson, R., Prickett, C., Graham, R. (2016). Stress and visual attention to food in healthy weight and overweight/obese women. Poster presented at the 23rd annual meeting of the Cognitive Neuroscience Society, New York, NY. 4/2016.
- †Treffalls, J., Ceballos, N., †Zborowski, A., †DePalma, F., †Lopas, R., Graham, R. (2016). Can I eat this? Disgust sensitivity modulates event-related potentials to feedback regarding edibility. Poster presented at the 23rd annual meeting of the Cognitive Neuroscience Society, New York, NY. 4/2016.
- †Kelly, M., Graham, R., †Ford, J., Ceballos, N.A. (2015). Alcohol use and resting heart rate variability in college drinkers. Poster presented at the 38th annual meeting of the Research Society on Alcoholism, San Antonio, TX. 6/2015.
- †Moore, J., †Sailors, A., Graham, R., Ceballos, N.A. (2015). Alcohol use, anxiety and depression in military veterans attending college. Poster presented at the 38th annual meeting of the Research Society on Alcoholism, San Antonio, TX. 6/2015.
- †DePalma, F., †Treffalls, J., Ceballos, N.A., & Graham, R. (2015). Individual differences in attentional blink to alcohol-related cues. Poster presented at the 27th annual convention of the Association for Psychological Sciences, New York, NY. 5/15.
- †Layton, R., †Treffalls, J., Ceballos, N.A., & Graham, R. (2015). The role of context in gaze-triggered orienting to happy and disgusted gazing faces. Poster presented at the 22<sup>nd</sup> annual meeting of the Cognitive Neuroscience Society, San Francisco CA. 04/2015.
- †Euhus, B., †Bertsch, S., Ceballos, N.A., & Graham, R. (2014). Appetitive cues moderate gaze-cuing effects elicited by expressive faces. Poster presented at the 26th annual convention for the Association of Psychological Sciences, San Francisco, CA. 5/2014.
- †Light, M., Ceballos, N.A., †Bertsch, S., & Graham, R. (2014). Reflexive orienting to happy and disgusted gaze faces and tobacco targets in smokers and nonsmokers. Poster presented at the 21st annual meeting of the Cognitive Neuroscience Society, Boston, MA. 4/2014.
- †Thurin, K., Ceballos, N.A., & Graham, R. (2014). Changes in P100 amplitudes to alcohol images in freshman females are moderated by ethnicity and alcohol-related attitudes. Poster presented at the 21st annual meeting of the Cognitive Neuroscience Society, Boston, MA. 4/2014.
- †Dodwell, G., †Mayfield, A.R., Ceballos, N.A., Graham, R. (2013). Gaze cuing elicited by gazing expressive faces and alcoholic/non-alcoholic targets in social drinkers. Poster presented at the 20th annual meeting of the Cognitive Neuroscience Society, San Francisco, CA. 4/2013.
- †Mayfield, A.R., Ceballos, N.A., Graham, R. (2013). Alcohol-related attentional biases in female college freshmen: A cross-cultural ERP study. Poster presented at the 20th annual meeting of the Cognitive Neuroscience Society, San Francisco, CA. 4/2013.

- †Sharma, S., Howard, K., Graham, R., Ceballos, N.A. (2013). Stress and immune function of social drinking college students before and after spring break. Poster presented at Experimental Biology 2013, Boston, Massachusetts. 4/2013.
- Ceballos, N.A., †Mayfield, A.R., †Paz, J.M., †Vela-Gude, M.L., Graham, R. (2012). A cross-cultural study of automatic and controlled processing of alcohol images in female college freshman. Poster presented at the 52nd annual meeting of the Society for Psychophysiological Research, New Orleans, Louisiana. 9/2012.
- †Vanston, J.E., Ceballos, N.A., Schepis, T., & Graham, R. (2012). Cue reactivity to drug images in recreational stimulant users: An event-related potentials study. Poster presented at the Cognitive Neuroscience Society 19<sup>th</sup> annual meeting, Chicago, IL. 4/2012.
- Graham, R., Giuliano, R., Kaufman, L., Wicha, N.Y.Y., Ceballos, N.A. (2011). Acute stress and ERP correlates of attention to alcohol images in social drinkers. Poster presented at the 18th annual meeting of the Cognitive Neuroscience Society, San Francisco, California. 4/2011.
- †DePalma, F., †Treffalls, J., Ceballos, N.A., & Graham, R. (2015). Individual differences in attentional blink to alcohol-related cues. Poster presented at the 27th annual convention of the Association for Psychological Sciences, New York, NY. 5/15.
- †Horton, D., Ceballos, N., Graham, R. (2011). Hemispheric blood flow during emotional processing: A transcranial Doppler study. Poster presented at the 18th annual meeting of the Cognitive Neuroscience Society, San Francisco, California. 4/2011.
- Ceballos, N., Czyzewska, M., †Hernandez, V. (2011). A cross-country comparison of college drinking in the United State and Mexico. Poster Presentation, 34th annual meeting of the Research Society on Alcoholism, Atlanta, Georgia. 6/2011.
- Ceballos, N., Giuliano, R., Wicha, N.Y.Y., Graham, R. (2011). Social drinking characteristics predict P300 reactivity to alcohol-related scenes in a three-stimulus oddball task. Poster Presentation, 34th annual meeting of the Research Society on Alcoholism, Atlanta, Georgia. 6/2011.
- †Rinehart, K.L., †Aaron, R.E., Ceballos, N.A. (2010). Guided art-based interventions reduce anxiety levels in college students. The 31st annual World Conference of Stress and Anxiety Research (STAR) 2010, National University of Ireland, Galway, Ireland. 8/2010.
- †Rinehard, K.L., †Aaron, R.E., Ceballos, N.A. (2010). Art: a useful technique for reducing anxiety in college. Annual University of Houston-Clear Lake Student Conference for Research and Creative Arts, Houston, Texas. 4/2010.
- Ceballos, N.A., †Sharma, S., †Harlow, J., †Kaufman, L., †Baugh, J., †Lewis, K., †Allen, B. Graham, R. (2010). Alcohol expectancies and their differential relationship to measures of stress and attentional bias among alcohol abusers in treatment. Poster Presentation, 33rd annual meeting of the Research Society on Alcoholism, San Antonio, Texas. 6/2010.
- Graham, R., Giuliano, R., †Kaufman, L., Wicha, N.Y.Y., Ceballos, N.A. (2010). ERP correlates of attentional capture by alcohol images in social drinkers. Poster Presentation, 33rd annual meeting of the Research Society on Alcoholism, San Antonio, Texas. 6/2010.

- †Kaufman, L., Ceballos, N.A., Sharma, S., Allen, B., Overby, C., Graham, R. (2010). Stress-related anxiety is moderated by salivary cortisol, drinking experience, and alcohol expectancies in social drinkers. Poster Presentation, 33rd annual meeting of the Research Society on Alcoholism, San Antonio, Texas. 6/2010.
- †Hoover, A., Ceballos, N.A., Komogortsev, O., Graham, R. (2010). Effects of hunger and body mass index on attentional capture by high and low calorie food images: an eye tracking study. Poster Presentation, 10th annual meeting of the Vision Sciences Society, Naples, Florida. 5/2010.
- Ceballos, N.A., Giuliano, R., Wicha, N.Y.Y., Graham, R. (2009). Self-reported alcohol use expectancies and the effects of stress on event-related potentials to alcohol-related scenes. Poster Presentation, 32nd annual meeting of the Research Society on Alcoholism, San Diego, California. 6/2009.
- Czyzewska, M., Pedilla, B., Graham, R., Ceballos, N. (2009). Implicit and explicit attitudes to food among undergraduate students in Mexico. Poster Presentation, 21<sup>st</sup> annual meeting of the Association for Psychological Sciences, San Francisco, California. 5/2009.
- Graham, R., †Galindo, J., †Cabezas, A., Ceballos, N. & Czyzewska, M. (2009). Hunger and gender differences in attentional response to food images. Poster Presentation, 30th annual meeting of the Society of Behavioral Medicine, Montreal, Quebec, Canada. 4/2009.
- Ceballos, N.A., Czyzewska, M., †Nichols, M., †Rinehart, K., †Tedder, Z. (2009). Accuracy of self-reported body height and weight, and body image among Caucasian and Hispanic undergraduates with different BMI statuses. Poster Presentation, annual meeting of the Southwestern Psychological Association, San Antonio, Texas. 4/2009.
- Czyzewska, M., Ceballos, N.A., †Martinez, J., †Sample, Z. (2009). Food craving among Caucasian and Hispanic undergraduates of different BMI statuses. Poster Presentation, annual meeting of the Southwestern Psychological Association, San Antonio, Texas. 4/2009.
- Giuliano, R., Ceballos, N.A., Wicha, N.Y.Y., Graham, R. (2009). The effects of acute stress on attentional capture by alcohol-related cues in social drinkers. Poster Presentation, annual meeting of the Southwestern Psychological Association, San Antonio, Texas, 4/2009.
- Giuliano, R., Ceballos, N.A., Wicha, N.Y.Y., Graham, R. (2009). The effects of acute stress on attentional capture by alcohol-related cues in social drinkers. Poster Presentation, 16th annual meeting of the Cognitive Neuroscience Society, San Francisco, California. 3/2009.
- Matthews, D., †Fisher, W., Ceballos, N., Fisher, L. (2009). Event-related potentials In juveniles with impulsive aggression. 20th annual meeting of the American Neuropsychiatric Association, San Antonio, Texas. 2/2009.
- Ceballos, N.A., Giuliano, R., Wicha, N.Y.Y., Graham, R. (2009). Self-reported alcohol use expectancies and the effects of stress on event-related potentials to alcohol-related scenes. Poster Presentation, 19th annual meeting of the Texas Research Society on Alcoholism, San Antonio, Texas. 2/2009.
- †Newton, V., †Milam, K., †Wiese, B., †Jackson, R., Ceballos, N.A. (2008). Impact of gender and ethnicity on attitudes about tobacco among smoking and non-smoking college students. Poster Presentation, University Honors Thesis Forum, Texas State University, San Marcos. 12/2008.

- †Fisher, W., Matthews, D., Fisher, L., Ceballos, N. (2008). Neurophysiological correlates of impulsive aggression. XVIII World Meeting of the International Society for Research on Aggression. Budapest, Hungary. 7/2008.
- Nixon, S.J., Prather, R., Gold, M., Ceballos, N. (2008). Comparing behavioral correlates of EEG variations between stimulant users, alcoholics and community controls. Scientific meeting of the College on Problems of Drug Dependence. San Juan, Puerto Rico. 6/2008.
- Czyzewska, M., Ceballos, N.A. (2008). Emotional distress, coping and eating Behaviors among Caucasian and Hispanic adolescents. Scientific meeting of the Society for Behavioral Medicine. San Diego, California. 4/2008.
- Ceballos, N.A., al'Absi, M. (2008). Sex-Specific associations of body mass index with mood disturbance during smoking abstinence. 14th annual scientific meeting of the Society for Research on Nicotine and Tobacco, Portland, Oregon. 2/2008.
- †Wiese, B., Ceballos, N.A. (2007). Gender, body image and attitudes about tobacco: implications for individualized smoking cessation efforts for adolescents and emerging adults. Poster Presentation, University Honors Thesis Forum, Texas State University, San Marcos. 12/2007.
- Gilbertson, R., Ceballos, N.A., Prather, R.A., Tivis, R.D., Nixon, S.J. (2007). Correlates of smoking behavior in alcoholics and social drinkers. 30th annual scientific meeting of the Research Society on Alcoholism, Chicago, Illinois. 6/2007.
- Gilbertson, R., Ceballos, N.A., Prather, R.A., Tivis, R.D., Nixon, S.J. (2007). Correlates of smoking behavior in alcoholics and social drinkers. 13th annual meeting of the Society for Research on Nicotine and Tobacco, Austin, Texas. *Unpublished Rapid Response Submission*. 2/2007.

## 2. Invited Talks, Lectures, Presentations: (2003-present)

- Ceballos, N.A., Czyzewska, M., Graham, R. College drinking and attention to alcohol in Hispanic populations. Fourth annual Collaborative Perspectives on Addiction Meeting, San Diego, CA. 3/2016.
- Ceballos, N.A., Najera, I. The first in my family: mentoring first generation college students in academia and beyond. University of New Mexico Mentoring Institute Annual Conference, Albuquerque, NM. 10/2015.
- Ceballos, N.A. Stress and alcohol consumption among college students. Psychology Speaker Series, Texas A&M University-San Antonio. 10/2014.
- Graham, R., †Mayfield, A., Ceballos, N.A. A longitudinal cross-cultural study of automatic and controlled processing of alcohol images in female college freshmen. Paper presented at TM's 1st World Neuroscience Online Conference. 06/2012
- Ceballos, N.A., Graham, R.G. The effects of acute stress on attentional capture by alcohol-related cues in social drinkers. INIA-Stress Presentation at the 32<sup>nd</sup> annual meeting of the Research Society on Alcoholism. San Diego, CA. 6/2009.
- Ceballos, N.A., Czyzewska, M., †Cabezas, A.M., †Hernandez, V., †Perez, C.A., †Ramon, E. Procesos Automaticos de la Adiccion. Primer Congreso Internacional de Psicología de la Region Noreste. Saltillo, Mexico. 10/2008.



- Ceballos, N.A. Substance use and co-morbid disorders: Brain maturation in adolescents at risk. Invited Presentation. Minority Biomedical Research Support (MBRS) Program at the University of Texas at San Antonio. 9/2008.
- Nixon, S.J., Gilbertson, R., Prather, R., Frye, R., Ceballos, N.A. Stress and alcohol use in alcoholics and moderate drinkers. *Alcoholism and Stress: A Framework for Future Treatment Strategies*, Volterra, Italy. 5/2008.
- Ceballos, N.A. Substance use and co-morbid disorders: Brain maturation in adolescents at risk. Invited Presentation. Research Imaging Center, University of Texas at San Antonio Health Sciences Center, San Antonio, Texas. 2/2008.
- Ceballos, N.A. Substance use and co-morbid disorders: Brain maturation in adolescents at risk. Invited Presentation. Oklahoma Center for Neuroscience, University of Oklahoma Health Sciences Center, Oklahoma City, Oklahoma. 1/2008.
- Ceballos, N.A. Effects of transdermal nicotine administration on neuropsychological performance in treatment seeking substance abusers. *Seminars in Medicine Series*, University of Minnesota Medical School Duluth. 5/2006
- Ceballos, N.A. Invited Presentation. Substance abuse and co-morbid disorders: A neurophysiological approach. Department of Psychology Seminar Series, University of Kentucky, Lexington, Kentucky. 12/2005
- Nixon, S.J., Tivis, R.D., Ceballos, N.A., Craddock, A., Prather, R., Ross, A. Symposium discussion. In: Meyerhoff, D.J., Tizabi, Y., Staley, J.K., Durazzo, T., Glass, J.M., Nixon, S.J. Smoking comorbidity in alcoholism: Neurobiological and neurocognitive consequences. Symposium presented at the annual meeting of the Research Society on Alcoholism, Santa Barbara, California. 6/2005
- Houston, R.J., Ceballos, N.A., Bauer, L.O., Hesselbrock, V.M. Brain maturation and borderline personality disorder features: P300 effects in female adolescents at risk for alcoholism. NIAAA Semi-Annual Institutional NRSA Trainee Workshop, Indianapolis, Indiana. 11/2003

### **3. Consultancies:**

- Consultant, Neurocognitive Laboratory, Department of Psychiatry, McKnight Brain Institute, University of Florida, Gainesville, 2006-2009.
- Consultant for the “Good Eating” program evaluation, Peoples’ Community Clinic in Austin, TX, serving low income populations, predominantly Latino(a), 2007.
- Consultant for *Latinitas*, a non-profit organization serving Latina teens, Austin, TX ([latinitasmagazine.org](http://latinitasmagazine.org)), 2006-2007.

### **4. Other: Forthcoming Work**

- Dailey, S.L., Howard, K., Roming, S.M.P, Ceballos, N.A., Grimes, T. Perpetual posting, constant commenting, and limitless lurking: communicative and psychosocial predictors of social media addiction. *New Media and Society*, under review.
- Kim, S., Watt, T., Ceballos, N.A., & Sharma, S. Adverse childhood experiences and neuro-inflammatory biomarkers: the role of sex differences. *Stress and Health*, under review.

## C. Research Grants and Contracts:

### 1. Funded External Research Grants and Contracts:

Ceballos, N.A., Graham, R. (PIs). A cross-cultural study of changes in alcohol-related processing in female college students. National Institutes of Health, R03AA019798. (2-year award totaling \$146,423, 2010-2012; 1-year no-cost extension to 2013).

Ceballos, N.A., Graham, R. (PIs). Neurophysiology of the stress and alcohol connection: automatic or controlled processing? National Institutes of Health, NIAAA Neuroscience Initiative on Alcoholism: Stress Anxiety and Alcohol. (2-year award totaling \$91,026, 2008-2010).

Ceballos, N.A. (PI), Nixon, S.J. (Faculty Sponsor). Neurocognition, Nicotine and Polysubstance Abuse. Individual National Research Service Award, National Institute on Drug Abuse. (2-year award totaling \$47,710.00, 2001-2003).

### 2. Submitted, Under Review, or Not Funded External Research Grants and Contracts: (2007 - present)

#### Submitted but Not Funded

Watt, T. (PI), Ceballos, N.A., (Co-I), Kim, S. (Co-I), Pan, X. (Co-I). Letter of Intent to Russell Sage Foundation BioSS RFP. (2-year award, total costs \$115,009). 2018

Graham, R. (PI), Ceballos, N.A. (Co-PI). Alcohol preferences, impulsivity, and event-related potentials to alcohol images in college students. Submitted to the National Institutes of Health, RO3. (2-year award, total costs \$146,989). 2017

Ceballos, N.A. (PI), Graham, R. (Co-I), Price, L. (Co-I). Innovative physiological predictors of college drinking. Submitted to the National Institutes of Health, AREA R15. (3-year award, total costs \$412,866). 2016

Ceballos, N.A. (PI), Graham, R. (Co-I), Price, L. (Co-I). Innovative physiological predictors of college drinking. Submitted to the National Institutes of Health, SCORE SC3. (4-year award, total costs \$401,610). 2015

Ceballos, N.A. (PI), Graham, R. (Co-I). Alcohol use and cardiovascular health in college binge drinkers. Submitted to the American Heart Association. (2-year proposal, total amount \$109,025). 2014

Graham, R. (PI), Komogortsev, O. (Co-PI), Ceballos, N.A. (Co-PI). Detection of the physical and psychological states. (G) Submitted to NineSigma (Proposal request #70632, Detecting Psychological States and Providing Visual Feedback). (5-year award, direct costs \$913,995.00). 2014

Komogortsev, O. (PI), Ceballos, N. (Co-PI), Graham, R. (Co-PI). Fast and accurate detection of the physical and psychological states. Submitted to NineSigma (Proposal request #70068, Big Data Analysis for Estimating Physical/Psychological Condition). (5-year award, direct costs \$846,995.00). 2014

Ceballos, N.C., Graham, R. (PIs). Changes in alcohol-related processing in Mexican-American college freshmen. Submitted to the National Institutes of Health, NIAAA. (5-year award, total amount \$1,375,526.00). 2013

Ceballos, N.A. (PI), Graham, R. (Co-I), Rhode, R. (Co-I) Influence of BDNF genotype on P300 ERP indices of alcohol cue reactivity. Submitted to ABMRF: The Alcohol Research Foundation. (2-year proposal, total amount \$91,465). 2013

Ceballos, N.A. (PI), Graham, R. (Co-I) Hemodynamic responses to stress and tobacco: an innovative use of transcranial Doppler sonography. Submitted to the American Heart Association. (2-year proposal, total amount \$101,022). 2011

Ceballos, N.A. (PI) An investigation of the impact of 'first-generation' services on psychological stress and alcohol use among Latino(a) college students. Submitted to the Hogg Foundation for Mental Health. (1-year proposal, total amount \$16,482). 2011

Graham, R. (PI), Ceballos, N. (Co-PI). ERP correlates of attentional capture by tobacco-related cues in young adults. Submitted to the National Institutes of Health, (1R03DA030545-01). (2-year proposal, total amount \$135,095). 2010

Rice, Valerie (PI), Alfred, Petra (Co-I), Boykin, Gary (Co-I), Ceballos, Natalie A. (Co-I), Graham, R. (Co-I). Investigation of meditation-based mental discipline techniques to enhance resiliency. Full Proposal Submitted to Defense Medical Research and Development Program (DMRDP), \$494,721. 2010

Rice, Valerie (PI), Alfred, Petra (Co-I), Boykin, Gary (Co-I), Ceballos, Natalie A. (Co-I), Graham, R. (Co-I). Investigation of meditation-based mental discipline techniques to enhance resiliency. Pre-proposal Submitted to Defense Medical Research and Development Program (DMRDP), \$494,721. 2010

Rice, Valerie (PI), Ceballos, Natalie A. (Co-I), Graham, R. (Co-I), Alfred, Petra (Co-I), Boykin, Gary (Co-I). Investigation of prophylactic DHEA supplementation to moderate acute physiological and psychological stress. Full proposal Submitted to Defense Medical Research and Development Program (DMRDP), \$981,000. 2010

Rice, Valerie (PI), Ceballos, Natalie A. (Co-I), Graham, R. (Co-I), Alfred, Petra (Co-I), Boykin, Gary (Co-I). Investigation of prophylactic DHEA supplementation to moderate acute physiological and psychological stress. Pre-proposal Submitted to Defense Medical Research and Development Program (DMRDP), \$981,000. 2010

Ceballos, N.A. (PI) Latinas and college drinking: a longitudinal assessment of acculturation as a mediator of alcohol-related decision-making. Submitted to ABMRF: The Alcohol Research Foundation. (2-year proposal, total amount \$93,249). 2009

Komogortsev, O.V. (PI), Ceballos, N.A. (Co-PI), Turner, G.M. (Co-PI) Psychophysiological risk factors for problem drinking among young adults: innovative

applications of oculomotor plant metrics as a predictor of binge drinking. Submitted to the NIH. (2-year award, total amount \$184,375). 2009

Ceballos, N.A. (PI), Komogortsev, O.V. (Co-PI) Visual attention to alcohol-related cues: a longitudinal study of the influence of acculturation among Mexican-American college students. Submitted to ABMRF: The Alcohol Research Foundation. (2-year proposal, total amount \$99,321). 2009

Ceballos, N.A. (PI), Graham, R. (Co-PI) The effects of acute stress on attentional capture by tobacco-related cues. Submitted to the NIH. (2-year proposal, total amount \$145,488). 2008

Graham, R. (PI), Ceballos, N.A. (Co-PI) Neurophysiology of health risk behavior: Cognitive and emotional correlates. Submitted to the NIH. (2-year proposal, total requested amount \$120, 541). 2007

### **3. Funded Internal Research Grants and Contracts:**

Ceballos, N.A. (PI) Early-life stress, low-grade inflammation, and adult health. Texas State University Research Enhancement Program (REP) Grant. (1-year project, total amount \$8,000, 2019-2020). 2018

Howard, K. (PI), Ceballos, N.A. (Co-I), Grimes, T (Co-I), Dailey, S. (Co-I), Sharma, S. (Co-I), Lu, Y. (Co-I), Lee, S., (Co-I). Does social media make us sick? A pilot study of the effects of social media on physiological reactivity and mental health. Texas State University Multidisciplinary Internal Research Grant (MIRG). (1-year project, total amount \$23,784, 2018-2019)

Watt, T.T., (PI), Ceballos, N. (Co-PI), Kim, S. (Co-PI), Pan, X. (Co-PI). Childhood trauma and mental health among college students: identifying neurological, physiological, and behavioral pathways. Texas State University Multidisciplinary Internal Research Grant (MIRG). (1-year project, total amount \$20,000, 2017-2018)

Schepis, T. (PI), Graham, R. (Co-I), Ceballos, N.A. (Co-I) Psychological and neurocognitive correlates of stimulant misuse in young adults. Texas State University AVP Research Grant. (2-year project, total amount \$8,200, 2010-2012)

Ceballos, N.A. (PI) Changing minds: cognitive responses to addiction-related cues during substance dependence recovery. Texas State University Research Enhancement Program. (1-year award, total amount \$7332, 2010-2011)

Ceballos, N.A. (PI), Czyzewska, M. (Co-PI). Acculturation in the Fast Food Nation: Latinos(as) and the Texas Obesity Epidemic. Texas State University Research Enhancement Program. (total amount \$6,444.27, 2008-2009)

Ceballos, N.A. (PI), Nixon, S.J. (Faculty Sponsor). Neurocognition, Nicotine and Polysubstance Abuse. OUHSC Graduate Student Association Research Grant. (total amount \$500.00, 2003).

### **4. Submitted, Under Review or Not funded Internal Grants and Contracts**

Submitted but Not Funded

Rodrigues, N. (PI), Smith, S., (Co-PI), Ceballos, N.A. (Co-PI), Sharma, S. (Co-PI), Selber, K. (Co-PI), Trahan, M. (Co-PI), Metsis, V. (Co-PI). Fostering academic success: an objective inquiry to corroborate the clamor of subjective sleep complaints in military veteran college students – a pilot study. Texas State University Multidisciplinary Internal Research Grant (MIRG). (1-year project, total amount \$23,174, 2018-2019). 2018

Ceballos, N.A. (PI) Innovative physiological predictors of college binge drinking. Texas State Research Enhancement Program. (1-year award, total amount \$8,000). 2016

Ceballos, N.A. (PI) Does the U hold true? Cardiovascular health in college binge drinkers. Texas State University Research Enhancement Program. (1-year award, total amount \$6451.66). 2015

Ceballos, N.A. (PI) Putting down the virtual fork: development of a virtual reality approach to dietary change. Texas State University Research Enhancement Program. (1-year award, total amount \$6,942). 2013

Graham, R. (PI), Ceballos, N.A. (Co-PI) Biobehavioral correlates of adjustment to college life in student veterans. Texas State University Research Enhancement Program. (total amount \$15,655). 2011

Graham, R. (PI), Ceballos, N.A. (Co-PI) Neurophysiology of attention to alcohol: risk for alcohol abuse and relapse. Texas State University AVP Research Grant. (total amount \$38,552). 2009

Graham, R. (PI), Ceballos, N.A. (Co-PI) Transcranial Doppler sonography and neural correlates of health-risk behaviors. National Science Foundation Major Research Instrumentation Grant (internal review). 2008

**D. Fellowships, Awards, Honors:**

Dean's Award for Excellence in Scholarly/Creative Activities, TX State, 2013  
Golden Apple Award for Excellence in Scholarly/Creative Activities, TX State, 2010  
University Award for Excellence in Scholarly/Creative Activities, TX State, 2010  
Liberal Arts Nominee, Presidential Excellence Award in Scholarship, TX State, 2010  
NIAAA Postdoctoral Fellowship, 2003-2005  
Individual National Research Service Award Predoctoral Fellowship, 2001-2003  
Oklahoma Center for Neuroscience Travel Award, 2000, 2002  
OUHSC Student Association Award for Clinical Research, 2002  
Research Society on Alcoholism Student Merit Award, 2001, 2002  
Society for Neuroscience Chapters/Eli Lilly Travel Award, 2001  
NIAAA Predoctoral Fellowship, 2000-2001  
OUHSC Provost Predoctoral Fellowship, 1998-2000  
Tri-Beta / John C. Johnson Award for Excellence in Student Research, 1998  
Hobart F. Landreth Award for Outstanding Student Research, SWOSU, 1998

Outstanding Student in Analytical Chemistry, SWOSU, 1998  
GDK Honor Sorority Scholarship, SWOSU, 1997-1998  
Tri-Beta Outstanding Senior Biology Student, SWOSU, 1997  
McAlester Scottish Rite Scholarship, SWOSU, 1994-1998  
University Scholars Scholarship, SWOSU, 1994-1998

#### **IV. SERVICE**

##### **A. University:**

Secretary, Faculty Senate, 2018-2019  
Faculty Senate, 5/2017-present  
Member: Greek Affairs Advisory Task Force, spring 2018  
Member: Faculty Developmental Leave Supplemental Award Committee, 2018, 2019  
Faculty Representative: Equity and Access Committee, 2014-2017.  
Member: Faculty Senate Environment and Sustainability Committee, 2014-2017.  
Mentor: Bobcat Bond Program, 2014-2016.  
Member: Award for Excellence in Online Teaching Selection Committee, 2014.  
Co-Producer: First Generation College Student Alumni Video Project, 2011-2013.  
Member: Faculty Senate University Lecturers Committee, 2011-2014.  
Mentor: Texas State Summer Predoctoral Fellowship Program, 2011.

##### **B. Departmental:**

Member, Departmental Policy Review Committee, 2018-2019.  
Member, Scholarship Committee, 2017-2018.  
Member, Strategic Planning Committee, 2016-2017.  
Chair, Faculty Review Committee, 2015-2016.  
Associate Chair, Department of Psychology, 2014-2016.  
Coordinator, SONA Human Subjects Pool, 2014-2016.  
Chair, Assessment Committee, 2014-2015.  
Member, Faculty Review Committee, 2014-2015.  
Representative, Research Enhancement Committee, 2012-2013.  
Member, Search Committee for Experimental Psychology Faculty, 2010, 2012.  
Member, Colloquium Committee, 2011-2012.  
Member, UAC New Building/Space Needs Committee, 2009.  
Member, Ad hoc Committee for PSY 3302 Exp. Methods and Research Design, 2009  
Member, Undergraduate Scholarship Committee, 2008, 2011.  
Member, Department of Psychology Grant Committee, 2009-2011  
Member, Search Committee for Departmental Chairperson, 2008-2010.  
Co-Chair, Psychology Future Building/Space Committee, 2009.  
Co-Chair, Psychology Building Space Committee, 2008-2009.  
Member, Equipment and Research Planning Committee, 2007-2008.

##### **C. Community:**

Speaker: Career Day, Seele Elementary School, New Braunfels, TX, February 2017.  
Volunteer: New Braunfels Science Fest, New Braunfels, TX, October 2017.  
Volunteer: Physiology Understanding (PhUn) Week, John Paul II Catholic High School, Schertz, TX, November 2011  
Member, Board of Directors, Hays Caldwell Council on Alcohol and Drug Use, October, 2007-2009.

Volunteer: Red Ribbon Week Fun Run/Walk, Sponsored by Hays Caldwell Council on Alcohol and Drug Use, October 2007.

Volunteer: San Marcos Youth Council Party (Casa de Maria), Sponsored by the TX State Psychological Association, 2006.

Volunteer: CORE Martial Arts and Educational Center (a program designed to provide after school activities for Latina youth in Oklahoma City), 2001-2002.

#### **D. Professional:**

Member, Government Affairs and Advocacy Committee, Research Society on Alcoholism, 2018-present.

Assistant Field Editor, *Journal of Studies on Alcohol and Drugs*, 2016-present.

Editorial Board Member, *AIMS Neuroscience* (AIMS Press), 2015-present.

Chair, Membership Committee, Research Society on Alcoholism, 2015-2018

Editorial Board Member, *Helix* journal (Elsevier), 2015-2017.

Reviewer, Innovative Research Grant (IRG) Clinical/Population Committee, American Heart Association, 2012, 2015, 2016.

Ad hoc Grant Reviewer, University of Ottawa Medical Research Fund (UMRF) Grants Competition, 2014.

Advisory Board Member, *Obesity Interventions with Underserved U.S. Populations: Evidence and Directions*, JHCPU/Aetna Foundation, 2012-2013.

Ad hoc Grant Reviewer, National Science Foundation, Major Research Instrumentation Competition, 2013.

Ad hoc Grant Reviewer, Minority Research Infrastructure Support Program (M-RISP), San Diego State University, 2011.

Member, Program Committee, Research Society on Alcoholism 33rd annual meeting, 2010.

Ad hoc Grant Reviewer, Neurobiology A Merit Review Subcommittee, VA Medical Research Services, Washington, DC, 2006.

Manuscript reviews provided to the following journals (2012-2018):

*Addiction, Addictive Behaviors, Addiction Biology, Alcohol & Alcoholism, Biological Psychology, European Addiction Research, Health Education Research, International Journal of Psychophysiology, Journal of Addiction Medicine, Journal of Adolescence, Journal of Comprehensive Psychiatry, Journal of Ethnicity in Substance Abuse, Journal of General Psychology, Journal of Health Care for the Poor and Underserved, Journal of Studies on Alcohol and Drugs, Neuropharmacology, Nicotine and Tobacco Research, PLOS ONE, Psychopathology and Behavioral Assessment, Psychopharmacology, Psychophysiology, Psychology of Addictive Behaviors, The American Journal on Addictions*

#### **E. Professional Organizations:**

Member, National Hispanic Science Network, 2015-present

Member, Texas Research Society on Alcoholism (TRSA) 2012-present

Member, Research Society on Alcoholism (RSA), 2000-present

#### **F. Other: Funded Grants Related to Service**

##### **External Grant**

Ceballos, N.A. First Generation College Student Alumni Video Project: Where Are They Now? Humanities Texas, the state affiliate of the National Endowment for the Humanities. (total amount \$1,500, 2012-2013).

**Internal Grant**

Najera, I., Ceballos, N.A. Follow-up of students included in Texas State University's First Generation Student recruitment video. Texas State University Equity and Access Committee Diversity Plan Funding Request. (total amount \$4,300, 2011-2012).