

April, 2008

## Vita

Heath A. Demaree, Ph.D.

**PERSONAL INFORMATION**

Born: 1971

Family: Married with two daughters (Born 2002 & 2004)

Work Address: Department of Psychology  
Case Western Reserve University  
11220 Bellflower Road, Room 109  
Cleveland, Ohio 44106-7123

Primary Appointment: Associate Professor of Psychology  
Secondary Appointment: Associate Professor of Cognitive Science

Work Phone: (216) 368-6468  
Work Fax: (216) 368-4891  
Work E-Mail: Heath.Demaree@Case.edu

## Licenses:

Psychology, Ohio State license #5861 (inactive)  
Psychology, New York State license # 014805 (inactive)

**EDUCATION**

Economics Columbia Business School, 1999-2000  
Completed one year of study emphasizing the economics of healthcare.  
Dean's List; Beta Gamma Sigma Honor Society

Ph.D. Doctor of Philosophy candidate, 1995-98  
Degree conferred, May 1998  
Major field of study: Clinical Psychology

Virginia Polytechnic Institute and State University (Virginia Tech)

Preliminary Paper: A neuropsychological model relating hostility to self-awareness.

Title of dissertation: Analysis of quantitative electroencephalographic and cardiovascular responses to stress among low- and high-hostiles.

Major advisor: Dr. David W. Harrison, Ph.D., ABCN

M.S. Master of Science candidate, 1993-1995  
Degree conferred, May 1995  
Virginia Polytechnic Institute and State University

Title of thesis: Behavioral, physiological, and neuropsychological correlates of hostility.

Major advisor, Dr. David W. Harrison, Ph.D., ABCN

B.A. Bachelor of Arts candidate, 1989-1993  
Degree conferred, May 1993 (cum laude)  
Princeton University

Major field of study: Psychology

Title of thesis: Motivation in baseball.

Major advisor: Dr. Nancy Cantor, Ph.D.

### **ADDITIONAL SPECIALIZED TRAINING**

Attended the Medical College of Wisconsin fMRI Training Course, June 23-25, 2005.

### **HONORS AND AWARDS RECEIVED**

2006	Named Case Western Reserve University Baldwin Fellow
2006	Recipient of the Top Professor Award from the CWRU chapter of the Mortar Board Society
2006	Selected as 2006 CWRU Learning Fellow
2005	Inducted as Honorary Member into the National Mortar Board Society by the CWRU Lux Chapter
2005	Recipient of the J. Bruce Jackson, M.D. Award for Excellence in Undergraduate Mentoring
2005	Recipient of the T. Keith Glennan Fellowship Award for pre-tenure professors who have made outstanding starts towards balanced academic careers as teacher-scholars
2003	Recipient of the "Outstanding Professor Award" by CWRU chapter of Alpha Chi Omega
2003	Recipient of the "Outstanding Professor Award" from the CWRU chapter of Phi Kappa Tau
2003	Recipient of the "CWRU Greek Life Faculty Member of the Year" Award
2003	Recipient of the Top Professor Award from the CWRU chapter of the Mortar Board Society

- 1999 Recipient of the “Postdoctoral Fellow Research Award,” Kessler Medical Rehabilitation Research and Education Corporation.
- 1998-1999 Elected Chief Fellow, Kessler Rehabilitation Research and Education Corporation.
- 1997 Recipient of the “Outstanding Teaching Certificate,” Virginia Polytechnic Institute and State University.
- 1995-1997 Elected (twice) as Virginia Polytechnic Institute and State University Graduate Student Liaison.
- 1991-1993 Elected (twice) Princeton Departmental Representative.

#### **NOMINATIONS FOR HONORS AND AWARDS NOT RECEIVED**

- 2006, 2008 Nominated for the Undergraduate Student Government Teaching Excellence Award
- 2008 Nominated for the J. Bruce Jackson, M.D. Award for Excellence in Undergraduate Mentoring
- 2005, 2008 Nominated for the John S. Diekhoff Award for Distinguished Graduate Teaching
- 2002-2008 Nominated for Carl F. Wittke Award for Distinguished Undergraduate Teaching (nominated six consecutive years)
- 2006 Nominated for the National Academy of Neuropsychology (NAN) Early Career Award
- 2005 Nominated for the American Psychological Association Division 40 (Neuropsychology) Early Career Award
- 2002 Nominated for the USG Undergraduate Teaching Excellence Award
- 1997 Nominated by the Virginia Polytechnic Institute Psychology Department for the Outstanding Graduate Teaching Award.
- 1996 Nominated by the Virginia Polytechnic Institute Psychology Department for the APA Outstanding Dissertation Award.
- 1996 Nominated by the Virginia Polytechnic Institute Psychology Department for the APA Researcher Fellowship.

#### **CLINICAL AND RESEARCH EXPERIENCE**

- 2006- Associate Professor  
Case Western Reserve University  
Departments of Psychology (Primary) and Cognitive Science (Secondary)  
Cleveland, Ohio
- Direct laboratory to better understand individual differences with regard to personality, emotional processing, and cortical and physiological arousal indices with the ultimate goal of improving physical and psychological health. Supervise undergraduate and graduate students towards the completion of their research and academic goals.

- 2001- Assistant Professor  
Case Western Reserve University  
Department of Psychology  
Cleveland, Ohio
- 2000-2001 Senior Research Scientist  
New York Presbyterian Hospital – Weill Medical Center  
New York, New York  
Performed data analysis and clinical assessment of individuals with HIV/AIDS to determine the predictive validity of neurocognitive and emotional functioning on job attainment.  
Supervisor: Dr. Wilfred van Gorp, Ph.D.
- 2000-2001 Research Consultant  
Kessler Medical Rehabilitation Research and Education Corporation  
UMDNJ – New Jersey Medical School  
Department of Physical Medicine and Rehabilitation  
West Orange, New Jersey  
Work on data analysis as well as manuscript/grant development regarding the emotional and neurocognitive functioning of individuals with Multiple Sclerosis.  
Supervisor: Dr. John DeLuca, Ph.D.
- 1998-1999 Post-Doctoral Fellow  
Kessler Medical Rehabilitation Research & Education Corporation  
UMDNJ – New Jersey Medical School  
Department of Physical Medicine and Rehabilitation  
West Orange, New Jersey  
Established protocols for future research projects, wrote manuscripts for publication and grants for future funding.  
Coordinated screening and neuropsychiatric assessments of patient and control populations.  
Supervisor: Dr. John DeLuca, Ph.D.
- 1997-1998 Clinical Psychology Internship Program  
UCLA Neuropsychiatric Institute and Hospital  
Department of Psychiatry and Biobehavioral Sciences  
Los Angeles, California  
Specialized in the neuropsychological assessment and treatment of a broad spectrum of psychiatric and neurological disorders, including cerebrovascular, convulsive, neoplastic, and traumatic disorders of the brain. Emphasis placed on the neurocognitive correlates of emotional, psychiatric, and medical illnesses.  
Supervisors: Jeffrey Schaeffer, Ph.D., ABPP, David K. Wellisch, P.D.

- 1996-1997 Graduate Supervisor  
 Neuropsychological Assessment Practicum Team  
 Psychological Services Center  
 Virginia Polytechnic Institute and State University  
 Blacksburg, Virginia  
 Graduate supervisor of practicum team specializing in the assessment and treatment of neuropsychological disorders resulting from cerebrovascular, convulsive, neoplastic, and traumatic disorders of the brain.  
 Supervisor: Dr. David W. Harrison, Ph.D., ABCN
- 1995 Extern  
 Summer Salem Veterans Administration Medical Center  
 Salem, Virginia  
 Worked primarily within the Behavioral Medicine realm, with some exposure to more traditional psychotherapy. Specialized in the assessment and treatment of anger and depression, as well as the rehabilitation of individuals with cerebral dysfunction from stroke, dementia, and head injury. Helped run Smoking Cessation and Cardiovascular Risk groups.  
 Supervisors: Dr. Kim Ragsdale, Ph.D., and Dr. M. K. Johnson, Ph.D.
- 1994-1996 Neuropsychological Assessment Practicum Team  
 Psychological Services Center  
 Virginia Polytechnic Institute and State University  
 Blacksburg, Virginia  
 Participated in a graduate level practicum team specializing in the assessment and treatment of neuropsychological disorders resulting from cerebrovascular, convulsive, neoplastic, and traumatic disorders of the brain.  
 Supervisor: Dr. David W. Harrison, Ph.D., ABCN
- 1994-1995 Clinical Practicum Team  
 Psychological Services Center  
 Virginia Polytechnic Institute and State University  
 Blacksburg, Virginia  
 Participated in a graduate level practicum team specializing in the assessment and treatment of excessive anger/aggression expression, marital conflict, and relationship issues.  
 Supervisors: Dr. Richard M. Eisler, Ph.D., Dr. Ellie T. Sturgis, Ph.D.

- 1994  
Summer Therapist  
Psychological Services Center  
Virginia Polytechnic Institute and State University  
Blacksburg, Virginia  
Responsibilities included the assessment and treatment of a variety of psychological disorders including depression, anxiety, learning disability, attention deficit disorder, and personality disorders.  
Supervisors: Dr. Jack W. Finney, Ph.D., Dr. Robert Stephens, Ph.D.
- 1992-1993  
Summers Therapist  
Independent households, Westchester County, New York  
Responsible for the creation and implementation of behavior modification protocols for children with autism, ages 3 to 8.  
Supervisor: Dr. Marcia Gables, Ph.D.
- 1991  
Summer Volunteer Therapist  
New York Hospital – Cornell Medical Center  
White Plains, New York  
Responsible for assorted clerical duties, patient intakes and discharges, as well as some leadership of group discussion meetings.  
Supervisor: Dr. JoAnne Zambrowski, Ph.D.

## **TEACHING EXPERIENCE**

- 2007  
Spring Associate Professor  
Case Western Reserve University  
Cleveland, Ohio  
Taught Psychology 352, entitled Physiological Psychology, and graduate-level Psychology 403, entitled Physiological Foundations of Behavior. Received teacher ratings of 4.8 and 4.9/5.0, respectively.
- 2006  
Fall Associate Professor  
Case Western Reserve University  
Cleveland, Ohio  
Taught Psychology 352, entitled Physiological Psychology, and FSCC 100, entitled “Life of the Mind”. Received teacher ratings of 4.9 and 4.8/5.0, respectively.

- 2006  
Spring  
Assistant Professor  
Case Western Reserve University  
Cleveland, Ohio  
Taught Psychology 352, entitled Physiological Psychology, and graduate-level Psychology 403, entitled Physiological Foundations of Behavior. Received teacher ratings of 4.8 and 5.0/5.0, respectively.
- 2005  
Fall  
Assistant Professor  
Case Western Reserve University  
Cleveland, Ohio  
Taught Psychology 352, entitled Physiological Psychology, and FSCC 100, entitled "Life of the Mind" (a class for incoming first-year students to develop critical reading, writing, listening, and presenting skills). Received teacher ratings of 4.9 and 4.6/5.0, respectively.
- 2004  
Fall  
Assistant Professor  
Case Western Reserve University  
Cleveland, Ohio  
Taught Psychology 352, entitled Physiological Psychology. Received teacher rating of 5.0/5.0.
- 2004  
Spring  
Assistant Professor  
Case Western Reserve University  
Cleveland, Ohio  
Taught Psychology 352, entitled Physiological Psychology, and graduate-level Psychology 403, entitled Physiological Foundations of Behavior. Received teacher ratings of 4.9 and 4.9/5.0, respectively.
- 2003  
Fall  
Assistant Professor  
Case Western Reserve University  
Cleveland, Ohio  
Taught Psychology 352, entitled Physiological Psychology, and Psychology 313, entitled Psychology of Personality. Received teacher ratings of 4.9 and 4.8/5.0, respectively.
- 2003  
Spring  
Assistant Professor  
Case Western Reserve University  
Cleveland, Ohio  
Taught Psychology 352, entitled Physiological Psychology, and graduate-level Psychology 403, entitled Physiological Foundations of Behavior. Received teacher ratings of 4.9 and 4.8/5.0, respectively.

- 2002  
Fall  
Assistant Professor  
Case Western Reserve University  
Cleveland, Ohio  
Taught Psychology 352, entitled Physiological Psychology, and Psychology 313, entitled Psychology of Personality. Received teacher ratings of 4.9 and 4.9/5.0, respectively.
- 2002  
Spring  
Assistant Professor  
Case Western Reserve University  
Cleveland, Ohio  
Taught Psychology 352, entitled Physiological Psychology, and graduate-level Psychology 403, entitled Physiological Foundations of Behavior. Received teacher ratings of 4.8 and 4.7/5.0, respectively.
- 2001  
Fall  
Assistant Professor  
Case Western Reserve University  
Cleveland, Ohio  
Taught Psychology 352, entitled Physiological Psychology, and received an overall teacher rating of 4.9/5.0.
- 1998-1999  
Colloquium Series Instructor  
West Orange N.J. Veterans Administration Medical Center  
UMDNJ – New Jersey Medical School  
Responsible for lecture and case presentation regarding the neuropsychological, neuropsychiatric, and cerebrovascular patterns associated with various types of neoplastic and neurodegenerative disorders, as well as stroke and head injury.
- 1996-1997  
University Instructor  
Virginia Polytechnic Institute and State University  
Blacksburg, Virginia  
Instructor of Psychology 2054, entitled Psychological Theories of Personality. Received overall teacher ratings of 4.9/5.0.
- 1996  
Summer  
University Instructor  
Virginia Polytechnic Institute and State University  
Blacksburg, Virginia  
Taught Psychology 2054, entitled Psychological Theories of Personality, as well as one (1) Advanced Social Psychology laboratory. Received overall teacher ratings of 4.8 and 4.9/5.0, respectively.

- 1995-1996 Teaching Assistant  
Virginia Polytechnic Institute and State University  
Blacksburg, Virginia  
Taught four (4) Advanced Social Psychology laboratories and received an average of 4.9/5.0 overall teacher ratings.
- 1993-1994 Teaching Assistant  
Virginia Polytechnic Institute and State University  
Blacksburg, Virginia  
Taught four (4) Introduction to Psychology laboratories and received an average of 4.8/5.0 overall teacher ratings.

## **PROFESSIONAL ACTIVITIES**

### **Ad-Hoc Reviewer for:**

Biological Psychology  
Biological Psychiatry  
Brain and Cognition  
Cognition and Emotion  
The Clinical Neuropsychologist  
Emotion  
Experimental Aging Research  
Intelligence  
International Journal of Psychophysiology  
Journal of Clinical and Experimental Neuropsychology  
Journal of Nervous and Mental Diseases  
Motivation and Emotion  
National Science Foundation  
Neuropsychologia  
Neuropsychology  
Neuropsychology Review  
Psychological Assessment  
Psychological Science  
Psychophysiology  
Personality and Individual Differences

## **SERVED AS CHAIR OF STUDENT THESES AND DISSERTATIONS**

### Dissertations

- Michael A. DeDonno Time pressure and decision-making (Proposed December 4, 2007).  
(co-Chair).
- Jennifer L. Robinson Affect Modulation Ability Questionnaire (AMAQ): Behavioral validation and implications for clinical use (Defended March 13, 2006)

Jie Pu Individuals differences in affective style: Can they modulate the impact of emotion on cognitive performance? (Defended March 21, 2006)

#### Theses

Rachael N. Volokhov Cognitive and physiological correlates of emotion regulation: Is reappraisal a teachable skill? (Proposed September 27, 2007)

Jennifer L. Robinson Physiological and cognitive effects of emotion regulation: Implications for caregiving (Defended August 4, 2004)

Jie Pu The recognition potential is related to the automatic comparison process (Defended April 5, 2004)

### **STUDENT THESIS AND DISSERTATION COMMITTEES SERVED**

#### Dissertations

Samantha Huestis

Amy Lewankowski Predictors of pain and activity limitations in children and adolescents with pain conditions (Defended June 8, 2007)

Mickie L. Fisher Evaluation of a self-forgiveness intervention: Does it promote emotion resolution and prosocial behavior? (Defended October 4, 2007)

Beth L. Pearson Effects of cognitive-behavioral play intervention and a modeling intervention on children's hopeful thinking and adjustment (Defended May 10, 2007)

Meredith C. Frey Towards a more thorough understanding of elementary cognitive tasks: Implications regarding underlying processes, task complexity, and g-loadings (Defended July 20, 2005)

Melisa Moore The relationship between sleep deprivation and psychological functioning in adolescents (Defended July 21, 2006)

Kristen W. Green Finding and validating an effective screener for psychopathy in youth (Defended December 6, 2004)

Thomas W. Frazier Experience and suppression of emotion by younger and older adults (Defended March 26, 2004)

Carla R. Arlien The relationship between contrast sensitivity and object identification in older adults: Development of a screening tool (Defended March 25, 2004)

Meena Dasari Emotion regulation and adherence in children with diabetes (Defended March 18, 2004)

#### Theses

Eric Rose A Two-Part Study of Intrusive Phenomena Among Religious Individuals

Allison Burck	The Effects of mood on divergent thinking in young children (Defended October 4, 2006)
Michael A. DeDonno	Cognitive complexity and hold 'em poker: A skill-based activity (Defended September 27, 2006)
Courtney Johnson	Functional outcomes following pediatric traumatic brain injury: relationship to neuropsychological testing (Defended June 29, 2005)
Alyce Martin	Facilitating self-forgiveness through religiously oriented interventions (Defended March 25, 2005)
Meredith C. Frey	An analysis of elementary cognitive task complexity and its relationship with general cognitive ability (Defended March 31, 2004)
Treena Rohde	Using specific cognitive abilities to predict achievement (Defended March 16, 2004)
Melisa Moore	Effects of pretend play training on creativity and emotional processes in children at five months post intervention (Defended September 30, 2003)
Gillian M. Woldorf	Validating the mood and anxiety symptoms questionnaire as a diagnostic instrument in a college sample (Defended May 16, 2003)
Andrew Harter	The importance of body shape and body mass in the perception of female beauty (Defended April 11, 2002)
Beth Ann Patterson	Mnemonic benefit of perceptual interference is due to encoding effort (Defended November 27, 2001)

## **STUDENT SPECIAL EXAMINATION ADVISEMENT**

### Teaching Special Examination

Sarah Yarry	Stress and Coping (Spring, 2007)
Mickie L. Fisher	Positive Psychology (Spring, 2005)
Gillian M. Woldorf	Deliberate Self-Harm (Fall, 2004)
Clare A. Gideon	Controversial Issues in Psychology (Spring, 2004)
Shoshana Y. Kahana	The Parent and Child Relationship (Spring, 2003)

### Review Paper Special Examination

Clare A. Gideon	Transference happens: Influence of the therapeutic relationship in the treatment of interpersonal and emotional difficulties (Passed July 20, 2005)
Kristen W. Green	Primary and secondary psychopathy: A review of the literature (Passed August 5, 2004)
Zeeshan A. Butt	Assessing depression in patients with Multiple Sclerosis (Passed June 16, 2004)
Thomas W. Frazier	Sensitivity of intellectual and neuropsychological measures to attention-deficit/hyperactivity disorder (Passed October 15, 2002)

## MEMBERSHIP

International Society for Research on Emotions, Member

Society for Psychophysiological Research, Member

## CURRENT RESEARCH AND SCHOLARLY INTERESTS

Cortical, subcortical, and autonomic correlates of emotional processing/regulation and cardiac control; methods in neuropsychology and psychophysiology.

## REFEREED PUBLICATIONS

### Book Chapters

**Demaree, H. A.**, Frazier, T. W., & Johnson, C. E. (2008). Information processing speed: Measurement issues and its relationships with other neuropsychological constructs (pp 53-78). In J. DeLuca & J. Kalmar (Eds.), Information Processing Speed in Clinical Populations. New York: Taylor & Francis.

Everhart, D. E., & **Demaree, H. A.**, & Harrison, D. W. (2005). The merging of cognitive and affective neuroscience: studies of the Affective Auditory Verbal Learning Test (AAVL) and hostility. Anita V. Clark (Ed.), Causes, role, and influence of mood states (pp. 75-90). Haupaugge, New York: Nova Science.

### Book Contributions

Robinson, J. L., **Demaree, H. A.** (in press). Sham rage. In I. B. Weiner & W. E. Craighead (Eds.), Corsini's Encyclopedia of Psychology, 4<sup>th</sup> edition (pp. XXX-XXX). New York: John Wiley and Sons.

Shenal, B. V., Harrison, D. W., & **Demaree, H. A.** (2006). The neuropsychology of depression: A critical review and comprehensive model. [reprint of manuscript originally published in Neuropsychology Review]. In Lehman, P. K., Tison, E. B. & Finney, J. W. (Eds.), Readings in Psychology. Boston: McGraw-Hill.

**Demaree, H. A.**, & Robinson, J. L. (2004). Sham rage. In W. E. Craighead & C. B. Nemeroff (Eds.), Concise Corsini Encyclopedia of Psychology and Behavioral Science. 3<sup>rd</sup> edition (pp. 888-889). New York: John Wiley and Sons.

**Demaree, H. A.**, & Harrison, D. W. (2003). Physiological and neuropsychological correlates of hostility [reprint of manuscript originally published in Neuropsychologia]. In P. K. Lehman, C. S. Dula, & J. W. Finney (Eds.), Introductory Psychology Recitation Reader (pp. 27-37). Boston: McGraw-Hill.

**Demaree, H. A.** (2001). Sham rage. In W. E. Craighead & C. B. Nemeroff (Eds.), Corsini Encyclopedia of Psychology and Behavioral Science. Volume 4, 3<sup>rd</sup> edition (pp. 1518-1519). New York: John Wiley and Sons.

### **Refereed Articles**

Slonim, R. L., Helper, S., & **Demaree, H. A.** (in preparation). Context in repeated trust games.

Slonim, R., **Demaree, H. A.**, & Bettinger, E. (in preparation). The role of emotions on intertemporal choice and altruism.

Green, K. W., **Demaree, H. A.**, Exline, J. J., & Youngstrom, E. A. (in preparation). Primary and secondary psychopathy: Is it all trait anxiety?

Delgado, P. L., **Demaree, H. A.**, Moreno, F. A., Manber, R., Feeny, N. C., Allen, J. J. B., Laukes, C. (in preparation). Cognitive behavioral therapy versus paroxetine treatment: A longitudinal study comparing mood response following tryptophan depletion.

Pu, J., & **Demaree, H. A.** (in preparation). Listen to your heart: What baseline RSA can tell us about expressive suppression, its cognitive consequences, and more.

Allen, J. J. B., McKnight, K. M., Moreno, F. A., **Demaree, H. A.**, & Delgado, P. L., (in preparation). Alteration of frontal EEG asymmetry during tryptophan depletion predicts recurrence of depression.

Burns, K. J., DeDonno, M. A., & Demaree, H. A. (submitted). On tilt: Joint Utility Selection Theory in a cognitive-affective slot experiment. Psychological Science.

**Demaree, H. A.**, Pu, J., Tkach, J., Jesberger, J., Feeny, N. Jeng, L., Everhart, D. E., & Duerk, J. (submitted). 5HTTLPR predicts left fusiform gyrus activation to positive emotional stimuli. Social Cognitive and Affective Neuroscience.

Frazier, T. W., Frazier, A. R., Busch, R. M., Kerwood, M. A., & **Demaree, H. A.** (submitted). Detection of ADHD and Reading Learning Disability Using Symptom Validity Measures. Archives of Clinical Neuropsychology.

Cox, D. E., Foster, P., Rhodes, R. D., **Demaree, H. A.**, Everhart, D. E., & Harrison, D. W. (submitted). Cerebral asymmetry in emotion and cardiovascular regulation: A Functional systems analysis. Neuropsychology Review.

Robinson, J. L. & **Demaree, H. A.** (submitted). Experiencing and regulating sadness: Physiological and cognitive effects. Brain and Cognition.

- Schmeichel, B. J., & **Demaree, H. A.** (submitted). Individual differences in working memory capacity and the self-regulation of emotion: The agile mind behind the stoic surface. Journal of Personality and Social Psychology.
- Demaree, H. A.**, DeDonno, M. A., Burns, K. J., & Everhart, D. E. (2008). You bet: How personality differences affect risk-taking preferences. Personality and Individual Differences, *44*, 1484-1494.
- Peterson, C. C., Johnson, C. E., Ramirez, L. Y., Huestis, S., Pai, A. L. H., **Demaree, H. A.**, & Drotar, D. (in press). A meta-analysis of the neuropsychological sequelae of chemotherapy-only treatment for pediatric acute lymphoblastic leukemia. Pediatric Blood & Cancer.
- Black, S. J., Everhart, D. E., Durham, T.W., Walker, M., & **Demaree, H. A.** (in press). The effects of anxiety on affective learning and serial position recall. International Journal of Neuroscience.
- Everhart, D. E., **Demaree, H. A.**, & Harrison, D. W. (2008). The influence of hostility on electroencephalographic activity and memory functioning during an affective memory task. Clinical Neurophysiology, *119*, 134-143.
- Robinson, J. L., & **Demaree, H. A.** (2007). Physiological and cognitive effects of expressive dissonance. Brain and Cognition, *63*(1), 70-78.
- Demaree, H. A.**, Robinson, J. L., Pu, J., & Allen, J. J. B. (2006). Strategies actually employed during response-focused emotion regulation research: Affective and physiological consequences. Cognition and Emotion, *20*(8), 1248-1260.
- Everhart, D. E., **Demaree, H. A.**, & Shipley, A. J. (2006). Perception of emotional prosody: Moving toward a model that incorporates sex-related differences. Behavioral and Cognitive Neuroscience Reviews, *5*(2), 92-102.
- Schmeichel, B. J., **Demaree, H. A.**, Robinson, J. L., & Pu, J. (2006). Ego depletion by response exaggeration. Journal of Experimental Social Psychology, *42*(2), 95-102.
- Demaree, H. A.**, Pu, J., Robinson, J. L., Schmeichel, B. J., & Everhart, D. E. (2006). Predicting facial valence to negative stimuli from resting RSA: Not a function of active emotion regulation. Cognition and Emotion, *20*(2), 161-176.
- Demaree, H. A.**, Schmeichel, B. J., Robinson, J. L., Pu, J., Everhart, D. E., & Berntson, G. G. (2006). Up- and down-regulating facial disgust: Affective, vagal, sympathetic, and respiratory consequences. Biological Psychology, *71*(1), 90-99.
- Demaree, H. A.**, Robinson, J. L., Everhart, D. E., & Youngstrom, E. A. (2005). Behavioral inhibition system (BIS) strength and trait dominance are associated

- with affective response and perspective taking when viewing dyadic interactions. International Journal of Neuroscience, 115(11), 1579-1593.
- Pu, J., Peng, D., **Demaree, H. A.**, Song, Y., Wei, J., & Xu, L. (2005). The recognition potential: Semantic processing, the detection of differences between stimuli, or both? Cognitive Brain Research, 25(1), 273-282.
- Demaree, H. A.**, Everhart, D. E., Youngstrom, E. A., & Harrison, D. W. (2005). Brain lateralization of emotional processing: Historical roots and a future incorporating "dominance". Behavioral and Cognitive Neuroscience Reviews, 4(1), 3-20.
- Butt, Z. A., & **Demaree, H. A.** (2004). Assessing depression in patients with multiple sclerosis. International Journal of MS Care, 6(3), 116-122.
- Demaree, H. A.**, Schmeichel, B. J., Robinson, J. L., & Everhart, D. E. (2004). Behavioural, affective, and physiological effects of negative and positive emotional exaggeration. Cognition and Emotion, 18(8), 1079-1097.
- Demaree, H. A.**, Robinson, J. L., Everhart, D. E., & Schmeichel, B. J. (2004). Resting RSA is associated with natural and self-regulated responses to negative emotional stimuli. Brain and Cognition, 56(1), 14-23.
- Frazier, T. W., **Demaree, H. A.**, & Youngstrom, E. A. (2004). Meta-analysis of intellectual and neuropsychological test performance in Attention-Deficit/Hyperactivity Disorder: A meta-analysis. Neuropsychology, 18(3), 543-555.
- Demaree, H. A.**, Shenal, B. V., Everhart, D. E., & Robinson, J. L. (2004). Primacy and recency effects found using affective word lists. Cognitive and Behavioral Neurology, 17(2), 102-108.
- Demaree, H. A.**, & Everhart, D. E. (2004). Healthy high-hostiles: Reduced parasympathetic activity and decreased sympathovagal flexibility during emotional processing. Personality and Individual Differences, 36(2), 457-469.
- Everhart, D. E., **Demaree, H. A.**, & Wuensch, K. L. (2003). Healthy high-hostiles evidence low-alpha power (7.5-9.5Hz) changes during negative affective learning. Brain and Cognition, 52(3), 334-342.
- Williamson, J. B., Shenal, B. V., Rhodes, R. D., Harrison, D. W., & **Demaree, H. A.** (2003). Quantitative EEG diagnostic confirmation of expressive aprosodia. Applied Neuropsychology, 10(3), 176-181.
- Demaree, H. A.**, Gaudino, E. A., & DeLuca, J. (2003). The relationship between depressive symptoms and cognitive dysfunction in Multiple Sclerosis. Cognitive Neuropsychiatry, 8(3), 161-171.

- Chiaravalloti, N. D., Christodoulou, C., **Demaree, H. A.**, & DeLuca, J. (2003). Differentiating simple versus complex processing speed: Influence on new learning and memory performance. Journal of Clinical and Experimental Neuropsychology, 25(4), 489-501.
- Everhart, D. E., & **Demaree, H. A.** (2003). Low alpha power (7.5-9.5Hz) changes during positive and negative affective learning. Cognitive, Affective, and Behavioral Neuroscience, 3(1), 39-45.
- Shenal, B. V., Harrison, D. W., & **Demaree, H. A.** (2003). The neuropsychology of depression: A literature review and preliminary model. Neuropsychology Review, 13(1), 33-42.
- Chiaravalloti, N. D., **Demaree, H.**, Gaudino, E. A., & DeLuca, J. (2003). Can the repetition effect maximize learning in Multiple Sclerosis? Clinical Rehabilitation, 17(1), 58-68.
- Rhodes, R. D., Harrison, D. W., & **Demaree, H. A.** (2002). Hostility as a moderator of physiological reactivity and recovery to stress. International Journal of Neuroscience, 112(2), 167-186.
- Demaree, H. A.**, Higgins, D. A., Williamson, J. B., & Harrison, D. W. (2002). Asymmetry in hand grip strength and fatigue in low- and high-hostile men. International Journal of Neuroscience, 112(4), 415-428.
- Everhart, D. E., **Demaree, H. A.**, Harrison, D. W., & Williamson, J. B. (2001). "Delusions" of space: A case study utilizing topographical brain mapping and QEEG. Journal of Neurotherapy, 4(4), 19-29.
- Demaree, H. A.**, Harrison, D. W., & Rhodes, R. D. (2000). Quantitative electroencephalographic analyses of cardiovascular regulation in low- and high-hostile men. Psychobiology, 28(3), 420-431.
- Brody, A. L., Saxena, S., Fairbanks, L. A., Alborzian, S., **Demaree, H. A.**, Maidment, K. M., & Baxter, L. R. (2000). Personality changes in adult subjects with major depressive disorder or obsessive-compulsive disorder treated with paroxetine. Journal of Clinical Psychiatry, 61(5), 349-355.
- Demaree, H. A.**, Gaudino, E. A., DeLuca, J., & Ricker, J. H. (2000). Learning impairment is associated with recall ability in multiple sclerosis. Journal of Clinical and Experimental Neuropsychology, 22(6), 865-873.
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- Herridge, M. L., Harrison, D. W., & **Demaree, H. A.** (1997). Hostility, facial configuration, and bilateral asymmetry on galvanic skin response. Psychobiology, *25*(1), 71-76.
- Demaree, H. A.**, & Harrison, D. W. (1996). Case study: Topographical brain mapping in hostility following mild closed head injury. International Journal of Neuroscience, *87*(1), 97-101.
- Demaree, H. A.**, Crews Jr., W. D., & Harrison, D. W. (1995). Topographical brain mapping in depression following mild closed head injury. Journal of Neurotherapy, *1*(1), 38-43.
- Crews Jr., W. D., Harrison, D. W., Rhodes, R. D., & **Demaree, H. A.** (1995). Hand fatigue asymmetry in the motor performances of women with depressed mood. Neuropsychiatry, Neuropsychology, and Behavioral Neurology, *8*(4), 277-281.
- McDowell, C. L., Harrison, D. W., & **Demaree, H. A.** (1994). Is hemispheric decline a function of aging? International Journal of Neuroscience, *79*(1), 1-11.

### **Refereed Abstracts and Conference Proceedings**

(one-page publications)

- Volokhov, R. N., & **Demaree, H. A.** (2007). Emotion regulation strategies: Differential cognitive and physiological effects. Psychophysiology, *44*(S1), 81.
- Allen, J. J. B., McKnight, K. M., Moreno, F. A., & **Demaree, H. A.** (2006). Alteration of frontal EEG asymmetry during tryptophan depletion predicts future depression. Psychophysiology, *43*(S1), 14.
- Edwards, S. E., Everhart, D. E., **Demaree, H. A.**, & Harrison, D. W. (2006). Sex-related electroencephalographic differences observed during positive and negative affective verbal learning. Psychophysiology, *43*(S1), 36.

- Pu, J., **Demaree, H. A.**, & Robinson, J. L. (2006). Negative emotion: Not always bad; Hiding feelings: Not always good. Psychophysiology, *43*(S1), 80.
- Robinson, J. L., & **Demaree, H. A.** (2006). Physiological and cognitive effects of emotion regulation during sadness. Psychophysiology, *43*(S1), 81.
- Shipley, A. J., Everhart, D. E., & **Demaree, H. A.** (2006). Menstrual cycle phase related ERP amplitude and latency differences in the perception of emotional prosody. Psychophysiology, *43*(S1), 91.
- Everhart, D. E., **Demaree, H. A.**, Edwards, S. E., Harrison, D. W. (2006). The influence of hostility on electroencephalographic activity and memory functioning during an affective memory task. Proceedings from the 34<sup>th</sup> Annual Meeting of the International Neuropsychological Society, 6.
- Borod, J. C., Yecker, S. A., Brickman, A. M., Moreno, C. R., Sliwinski, M., Lubomski, M. M., Crider, C., Assuras, S., Foldi, N. S., **Demaree, H. A.**, Barry, J., & Welkowitz, J. (2006). Proceedings from the 34<sup>th</sup> Annual Meeting of the International Neuropsychological Society, 223.
- Demaree, H. A.**, Robinson, J. L., Pu, J., & Allen, J. J. B. (2005). Strategies actually employed during response-focused emotion regulation research: Affective and physiological consequences. Psychophysiology, *42*(S1), 50.
- Demaree, H. A.**, Pu, J., Robinson, J. L., Schmeichel, B. J., & Everhart, D. E. (2005). High resting RSA predicts less facial expression to negative stimuli among healthy adults. Psychophysiology, *42*(S1), 49.
- Robinson, J. L., & **Demaree, H. A.** (2005). Emotion regulation: Physiological and cognitive costs using a within-subjects design. Psychophysiology, *42*(S1), 105.
- Allen, J. J. B., **Demaree, H. A.**, McKnight, K. M., Delgado, P., & Moreno, F. A. (2005). Alteration of frontal EEG asymmetry during tryptophan depletion predicts risk for future depression. Psychophysiology, *42*(S1), 30.
- Jordan, A., Everhart, D. E., & **Demaree, H. A.** (2005). Luteal and Follicular Phase Related ERP Changes During the Perception of Affective Faces and Emotional Prosody. Proceedings from the 33<sup>rd</sup> Annual Meeting of the International Neuropsychological Society, 212.
- Jordan, A. L., Everhart, D. E., & **Demaree, H. A.** (2004). Luteal and follicular phase related P300 changes during the perception of emotional prosody and affective faces. Psychophysiology, *41*(S1), 60.
- Pu, J., Peng, D., Wei, J., Song, Y., & **Demaree, H. A.** (2004). The recognition potential: Recognition or the automatic comparison process? Psychophysiology, *41*(S1), 32.

- Robinson, J. L., **Demaree, H. A.**, & Pu, J. (2004). Physiological and cognitive effects of emotion regulation: Implications for caregiving. Psychophysiology, *41*(S1), 32.
- Demaree, H. A.**, Schmeichel, B. J., Robinson, J. L., Pu, J., & Everhart, D. E. (2004). Up- and down-regulating negative emotional expressions: Behavioral, affective, and autonomic consequences. Psychophysiology, *41*(S1), 23.
- Conlon, B., **Demaree, H. A.**, Robinson, J. L., Everhart, D. E., & Schmeichel, B. J. (2004). Sex Differences in Emotional Reactivity and Recovery. Research ShowCASE: 2004 Abstracts, 29.
- Kraft, A., **Demaree, H. A.**, Schmeichel, B. J., & Robinson, J. L. (2004). Behavioral Activation & Inhibition Systems and Autonomic Response to Affect Modulation. Research ShowCASE: 2004 Abstracts, 28.
- Robinson, J. L., Schmeichel, B. J., & **Demaree, H. A.** (2004). Physiological Costs of Response-Focused Affect Modulation. Research ShowCASE: 2004 Abstracts, 26.
- Demaree, H. A.**, Robinson, J. L., Everhart, D. E., & Schmeichel, B. J. (2003). Baseline parasympathetic tone is associated with affect regulation and modulation ability. Psychophysiology, *40*(S1), S35.
- Robinson, J. L., Schmeichel, B. J., & **Demaree, H. A.** (2003). Physiological costs of response-focused affect modulation. Psychophysiology, *40*(S1), S72.
- Schmeichel, B. J., **Demaree, H. A.**, & Robinson, J. L. (2003). Exaggerating emotions: Physiological correlates and cognitive consequences. Psychophysiology, *40*(S1), S77.
- Everhart, D. E., Carpenter, M. D., Carmora, J. E., Ethridge, A. J., & **Demaree, H. A.** (2003). Adult sex-related P300 differences during the perception of emotional prosody and facial affect. Psychophysiology, *40*(S1), S39.
- Everhart, D. E., & **Demaree, H. A.** (2003). Low alpha (7.5–9.5Hz) differences among high and low hostiles during affective learning. Journal of the International Neuropsychological Society, *9*(2), 329.
- Everhart, D. E., Robinson, J. L., **Demaree, H. A.** (2002). Low alpha power (7.5-9.5Hz) changes during positive and negative emotion processing. Psychophysiology, *39*(S1), S34.
- Demaree, H. A.**, Robinson, J. L., & Everhart, D. E. (2002). Reduced parasympathetic activity and decreased sympathovagal flexibility among healthy high-hostiles during emotional processing. Psychophysiology, *39*(S1), S31.

**Demaree, H. A.,** Gaudino, E. A., & DeLuca, J. (1999). Learning affects recall ability in multiple sclerosis. Journal of the International Neuropsychological Society, 6(2), 67.

**Demaree, H. A.,** DeLuca, J., Gaudino, E. A., & Diamond, B. J. (1999). Speed of information processing: A key deficit in multiple sclerosis. The Clinical Neuropsychologist, 13, 233.

**Demaree, H. A.,** Harrison, D. W., & Shenal, B. V. (1998). Analysis of QEEG and cardiovascular responses to stress. Archives of Clinical Neuropsychology, 13(1), 127.

Brody, A. L., Saxena, S., Fairbanks, L., **Demaree, H. A.,** & Maidment, K., & Baxter, L. R. (1998). Personality changes during treatment with paroxetine. Neuropsychopharmacology.

**Demaree, H. A.,** & Harrison, D. W. (1996). Physiological and neuropsychological correlates of hostility. Journal of the International Neuropsychological Society, 2(1), 31-32.

**Demaree, H. A.,** Crews Jr., W. D., & Harrison, D. W. (1995). Topographical brain mapping in depression following mild closed head injury: A case study. Archives of Clinical Neuropsychology, 10(1), 46.

Everhart, D. E., **Demaree, H. A.,** & Harrison, D. W. (1994). "Delusions" of space: A case study utilizing topographical brain mapping and QEEG. The Clinical Neuropsychologist, 9(3), 280.

## **INVITED PRESENTATIONS**

"Physiological Prediction of emotional reaction and regulation ability in healthy adults". Department of Biology, Case Western Reserve University, Cleveland, OH. September 7, 2006.

"Up- and down-regulating facial emotional expression: Autonomic, affective, and cognitive consequences". University of Texas Health Sciences Center at San Antonio. March 8, 2005.

"Up- and down-regulating negative emotional expressions: Behavioral, affective, and autonomic consequences". Annual meeting of the Society for Psychophysiological Research, Santa Fe, NM. October, 2004.

"Emotional Processing". Senior Scholars Program at Case Western Reserve University, Cleveland, Ohio. October 16, 2003.

- “Emotion, processing speed and learning in Multiple Sclerosis”. Washington State University, Pullman, Washington. February 5, 2001.
- “The neuropsychology of emotion and physiological regulation: Studies of hostility”. Georgia State University, Atlanta, Georgia. January 11, 2001.
- “Speed of information processing as a cause of learning impairment: Emphasis on rehabilitation”. Case Western Reserve University, Cleveland, Ohio. December 3, 2000.
- “Memory and speed of information processing in Multiple Sclerosis”. Jacksonville State University, Jacksonville, Alabama. November 6, 2000.
- “Neuropsychiatric and emotional factors in Multiple Sclerosis: Emphasis on rehabilitation”. Virginia Polytechnic Institute and State University, Blacksburg, Virginia. September 15, 2000.

## **PRESENTATIONS AND PAPERS**

- Volokhov, R. N., & **Demaree, H. A.** (2008, April). Group Differences in the Spontaneous Use of Two Emotion Regulation Strategies. Fifth Annual Research ShowCASE, Cleveland, OH.
- Schmeichel, B. J., & **Demaree, H. A.** (2008, February). Emotion regulation and working memory: Agile minds behind still surfaces. Poster presented at the annual meeting of the Society for Personality and Social Psychology, Albuquerque, NM.
- Volokhov, R. N., & **Demaree, H. A.** (2007, October). Emotion regulation strategies: Differential cognitive and physiological effects. Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Volokhov, R. N., & **Demaree, H. A.** (2007, April). The effects of cognitive reappraisal on emotion regulation and subsequent task performance. Fourth Annual Research ShowCASE, Cleveland, OH.
- Peterson, C. C., Johnson, C. E., Ramirez, L. Y., Huestis, S., Pai, A. L. H., **Demaree, H. A.**, & Drotar, D. (2007, February). A meta-analysis of the neuropsychological sequelae of chemotherapy-only treatment for pediatric acute lymphoblastic leukemia. Annual meeting of the International Neuropsychological Society, Portland, OR.
- DeYoung, N., Witvliet, C., Hofelich, A., & **Demaree, H. A.** (2007, January). Trying to forgive: A psychophysiological analysis of rumination, suppression, and

- reappraisal in response to a real-life offender. Annual meeting of the Society of Personality and Social Psychology. Memphis, Tennessee.
- Allen, J. J. B., McKnight, K. M., Moreno, F. A., & **Demaree, H. A.** (2006, October). Alteration of frontal EEG asymmetry during tryptophan depletion predicts future depression. Annual meeting of the Society for Psychophysiological Research, Vancouver, Canada.
- Edwards, S. E., Everhart, D. E., **Demaree, H. A.**, & Harrison, D. W. (2006, October). Sex-related electroencephalographic differences observed during positive and negative affective verbal learning. Annual meeting of the Society for Psychophysiological Research, Vancouver, Canada.
- Pu, J., **Demaree, H. A.**, & Robinson, J. L. (2006, October). Negative emotion: Not always bad; Hiding feelings: Not always good. Annual meeting of the Society for Psychophysiological Research, Vancouver, Canada.
- Robinson, J. L., & **Demaree, H. A.** (2006, October). Physiological and cognitive effects of emotion regulation during sadness. Annual meeting of the Society for Psychophysiological Research, Vancouver, Canada.
- ShIPLEY, A. J., Everhart, D. E., & **Demaree, H. A.** (2006, October). Menstrual cycle phase related ERP amplitude and latency differences in the perception of emotional prosody. Annual meeting of the Society for Psychophysiological Research, Vancouver, Canada.
- Pu, J., **Demaree H. A.**, & Robison, J. L. (2006, April). Negative emotion is not always bad. Third Annual Research ShowCASE, Cleveland, OH.
- Robinson, J. L., & **Demaree, H. A.** (2006, April). Emotion regulation: Physiological and cognitive costs using a within-subjects design. Third Annual Research ShowCASE, Cleveland, OH.
- Kerwood, M., **Demaree, H. A.**, & Frazier, T. W. (2006, April). Neuropsychological detection of ADHD and reading LD malingering. Third Annual Research ShowCASE, Cleveland, OH.
- Everhart, D. E., **Demaree, H. A.**, Edwards, S. E., Harrison, D. W. (2006, February). The influence of hostility on electroencephalographic activity and memory functioning during an affective memory task. Annual meeting of the International Neuropsychological Society, Boston, MA.
- Borod, J. C., Yecker, S. A., Brickman, A. M., Moreno, C. R., Sliwinski, M., Lubomski, M. M., Crider, C., Assuras, S., Foldi, N. S., **Demaree, H. A.**, Barry, J., & Welkowitz, J. (2006, February). The effect of emotional valence on facial

- expression across the adult life span. Annual meeting of the International Neuropsychological Society, Boston, MA.
- Demaree, H. A.**, Robinson, J. L., Pu, J., & Allen, J. J. B. (2005, September). Strategies actually employed during response-focused emotion regulation research: Affective and physiological consequences. Annual meeting of the Society for Psychophysiological Research, Lisbon, Portugal.
- Demaree, H. A.**, Pu, J., Robinson, J. L., Schmeichel, B. J., & Everhart, D. E. (2005, September). High resting RSA predicts less facial expression to negative stimuli among healthy adults. Annual meeting of the Society for Psychophysiological Research, Lisbon, Portugal.
- Robinson, J. L., & **Demaree, H. A.** (2005, September). Emotion regulation: Physiological and cognitive costs using a within-subjects design. Annual meeting of the Society for Psychophysiological Research, Lisbon, Portugal.
- Allen, J. J. B., **Demaree, H. A.**, McKnight, K. M., Delgado, P., & Moreno, F. A. (2005, September). Alteration of frontal EEG asymmetry during tryptophan depletion predicts risk for future depression. Annual meeting of the Society for Psychophysiological Research, Lisbon, Portugal.
- Galperin, H., **Demaree, H. A.**, Pu, J. & Robinson, J. L. (2005, April). BIS as a predictor of negative affect and physiological stress in response to an aversive stimulus. Second Annual Research ShowCASE, Cleveland, OH.
- Schilling, C. M., **Demaree, H. A.**, Robinson, J. L., Pu, J. (2005, April). Emotion Regulation Questionnaire correlation with emotion regulation in a laboratory setting. Second Annual Research ShowCASE, Cleveland, OH.
- Moore, R. M., **Demaree, H. A.**, Robinson, J. L., Pu, J. (2005, April). Autonomic correlates of emotion regulation. Second Annual Research ShowCASE, Cleveland, OH.
- Robinson, J. L., & **Demaree, H. A.** (2005, April). Physiological and cognitive effects of emotion regulation: Implications for caregiving. Second Annual Research ShowCASE, Cleveland, OH.
- Jordan, A., Everhart, D. E., & **Demaree, H. A.** (2005, February). Luteal and Follicular Phase Related ERP Changes During the Perception of Affective Faces and Emotional Prosody. Annual meeting of the International Neuropsychological Society, Saint Louis, MO.
- Demaree, H. A.**, Schmeichel, B. J., Robinson, J. L., Pu, J., & Everhart, D. E. (2004, October). Up- and down-regulating negative emotional expressions: Behavioral, affective, and autonomic consequences. In Mauss, I. (Chair) Symposium

- presentation as the annual meeting of the Society for Psychophysiological Research, Santa Fe, NM.
- Jordon, A. L., Everhart, D. E., & **Demaree, H. A.** (2004, October). Luteal and follicular phase related P300 changes during the perception of emotional prosody and affective faces. Annual meeting of the Society for Psychophysiological Research, Santa Fe, NM.
- Pu, J., Peng, D., Wei, J., Song, Y., & **Demaree, H. A.** (2004, October). The recognition potential: Recognition or the automatic comparison process? Annual meeting of the Society for Psychophysiological Research, Santa Fe, NM.
- Robinson, J. L., **Demaree, H. A.**, & Pu, J. (2004, October). Physiological and cognitive effects of emotion regulation: Implications for caregiving. Annual meeting of the Society for Psychophysiological Research, Santa Fe, NM.
- Jordon, A. L., Everhart, D. E., **Demaree, H. A.**, Wuensch, K., & Carmona, J. E. (2004, March). Low alpha power changes during emotional learning. Annual meeting of the Southeastern Psychological Association, Atlanta, GA.
- Conlon, B., **Demaree, H. A.**, Robinson, J. L., Everhart, D. E., & Schmeichel, B. J. (2004, April). Sex Differences in Emotional Reactivity and Recovery. First Annual Research ShowCASE Conference, Cleveland, OH.
- Kraft, A., **Demaree, H. A.**, Schmeichel, B. J., & Robinson, J. L. (2004, April). Behavioral Activation & Inhibition Systems and Autonomic Response to Affect Modulation. First Annual Research ShowCASE Conference, Cleveland, OH.
- Robinson, J. L., Schmeichel, B. J., & **Demaree, H. A.** (2004, April). Physiological Costs of Response-Focused Affect Modulation. First Annual Research ShowCASE Conference, Cleveland, OH.
- \* Received the Research ShowCASE 2004 Outstanding Graduate Student Research Poster Award
- Everhart, D. E., Carpenter, M., Jordan, A., Carmona, J. E., & **Demaree, H. A.** (2004, February). Adult Sex-related ERP differences during the perception of affective prosody and facial affect. Annual meeting of the International Neuropsychological Society, Baltimore, MD.
- Schmeichel, B. J., **Demaree, H. A.**, & Robinson, J. L. (2004, January). Exaggerating emotional expressions: Physiological and cognitive effects. Annual meeting of the Society for Personality and Social Psychology, Austin, TX.
- \* Received the Graduate Student Poster Award.
- Demaree, H. A.**, Robinson, J. L., Everhart, D. E., & Schmeichel, B. J. (2003, October). Baseline parasympathetic tone is associated with affect regulation and modulation

- ability. Annual meeting of the Society for Psychophysiological Research, Chicago, IL.
- Robinson, J. L., Schmeichel, B. J., & **Demaree, H. A.** (2003, October). Physiological Costs of Response-Focused Affect Modulation. Annual meeting of the Society for Psychophysiological Research, Chicago, IL.
- Schmeichel, B. J., **Demaree, H. A.**, & Robinson, J. L. (2003, October). Exaggerating Emotions: Physiological Correlates and Cognitive Consequences. Annual meeting of the Society for Psychophysiological Research, Chicago, IL.
- Everhart, D. E., Carpenter, M. D., Carmora, J. E., Ethridge, A. J., & **Demaree, H. A.** (2003, October). Adult sex-related P300 differences during the perception of emotional prosody and facial affect. Annual meeting of the Society for Psychophysiological Research, Chicago, IL.
- Everhart, D. E., & **Demaree, H. A.** (2003, February). Low alpha (7.5–9.5Hz) differences among high and low hostiles during affective learning. Annual meeting of the International Neuropsychological Society, Honolulu, HI.
- Everhart, D. E., Robinson, J. L., **Demaree, H. A.** (2002, October). Low alpha power (7.5–9.5Hz) changes during positive and negative emotion processing. Annual meeting of the Society for Psychophysiological Research, Washington, D. C.
- Demaree, H. A.**, Robinson, J. L., & Everhart, D. E. (2002, October). Reduced parasympathetic activity and decreased sympathovagal flexibility among healthy high-hostiles during emotional processing. Annual meeting of the Society for Psychophysiological Research, Washington, D. C.
- Demaree, H. A.**, Gaudino, E. A., & DeLuca, J. (1999, February). Learning affects recall ability in multiple sclerosis. Annual meeting of the International Neuropsychological Society, Denver, CO.
- Demaree, H. A.**, DeLuca, J., Gaudino, E. A., & Diamond, B. J. (1999, July). Speed of information processing: A key deficit in multiple sclerosis. Annual meeting of the American Psychological Association, Boston, MA.
- Williamson, J., Higgins, D. A., **Demaree, H. A.**, & Harrison, D. W. (1999, March). Diminished asymmetry in hostile men: Motor performance. Annual meeting of the Southeastern Psychological Association, Savannah, GA.
- Brody, A. L., Saxena, S., Fairbanks, L., **Demaree, H. A.**, Maidment, K., & Baxter, L. R. (1998, December). Personality changes during treatment with paroxetine. Annual meeting of the American College of Neuropsychopharmacology, San Juan, PR.

- Demaree, H. A.**, Harrison, D. W., & Shenal, B. V. (1997, October). Analysis of quantitative electroencephalographic and cardiovascular responses to stress among low- and high-hostiles. Annual meeting of the National Academy of Neuropsychology, Las Vegas, NV.
- Demaree, H. A.**, & Harrison, D. W. (1996, February). Physiological and neuropsychological correlates of hostility. Annual meeting of the International Neuropsychological Society, Chicago, IL.
- Demaree, H. A.**, Crews Jr., W. D., & Harrison, D. W. (1995, October). Topographical brain mapping in depression following mild closed head injury: A case study. Annual meeting of the National Academy of Neuropsychology, Orlando, FL.
- Crews Jr., W. D., Harrison, D. W., Rhodes, R. D., & **Demaree, H. A.** (1995, March). Hand fatigue asymmetry in the motor performances of women with depressed mood. Annual meeting of the Virginia Psychological Association, Alexandria, VA.
- Everhart, D. E., **Demaree, H. A.**, & Harrison, D. W. (1994, July). "Delusions" of space: A case study utilizing topographical brain mapping and QEEG. Annual meeting of the American Psychological Association, New York, NY.

## **GRANTS FUNDED**

### University Hospitals of Cleveland Imaging Grant

Title: Genetic Influences on Emotional Processing  
 Years: 2006-2007  
 Funding: \$50,000  
 Position: Principal Investigator, 0% effort  
 Goal: Using fMRI, to determine the influence of the serotonin reuptake transporter polymorphism (5-HTTLPR) on neural processing of negative and positive stimuli.

### Case Western Reserve University Glennan Fellowship Grant

Title: Building an Undergraduate Psychophysiology Laboratory: Experiential Learning in PSCL 352 and as a SAGES Capstone Experience  
 Years: 2005-2006  
 Funding: \$6,500.00  
 Position: Principal Investigator, 0% AY effort  
 Goal: To build an undergraduate psychophysiology laboratory and incorporate it as part of experiential learning exercises.

W. P. Jones Presidential Faculty Development Award

Title: Training in Functional Magnetic Resonance Imaging (fMRI)  
 Years: 2005-2006  
 Funding: \$1,657.30  
 Position: Principal Investigator, 0% AY effort  
 Goal: To attend an fMRI training course at the Medical College of Wisconsin in order to incorporate fMRI technologies in affective research.

Glaxo SmithKline Investigator-Initiated Research Study

Title: Wellbutrin XL treatment of low positive affect in major depression  
 Years: 2004-2005  
 Funding: \$430,800  
 Position: Principal Investigator, along with Pedro Delgado, M.D., 0% AY effort  
 Goal: To assess the impact of Wellbutrin XL on physiological, behavioral, and self-reported affective responses to positive and negative emotional challenges.

NIMH 1 RO3 MH69316-01

Title: Impact of response-focused affect modulation strategies  
 Years: 2003  
 Funding: \$76,500  
 Position: Principal Investigator, 20% AY effort  
 Goal: To determine the impact of emotional suppression and exaggeration on affective, behavioral, cognitive, and cardiovascular functioning.

NIMH 5 RO1 MH048977-09 Delgado (PI)

Title: Mechanisms underlying antidepressant action  
 Years: 2003-2004  
 Position: Consultant, 0% AY effort  
 Goal: To compare pharmacotherapy to cognitive psychotherapy regarding the relative ability to maintain a therapeutic antidepressant response during acute 5-HT depletion over time.

W. P. Jones Presidential Faculty Development Award

Title: Cerebral and Psychophysiological Reactivity in Hostility  
 Years: 2002-2003  
 Funding: \$3,980, 0% AY effort  
 Position: Principal Investigator  
 Goal: To investigate the impact of trait hostility on cortical and physiological arousal associated with emotional processing.

NIH RO1 HD38249

Title: Assessment and rehabilitation of cognitive symptoms in multiple sclerosis.  
 Years: 2000-2002  
 Funding: \$375,000 (direct and indirect costs)  
 Position: Helped Write Grant

Goal: Investigate and develop strategies to improve working memory accuracy.

NIH-NCMRR RO3 HD42263-01

Title: Assessment of apathy and cognitive impairment in multiple sclerosis.

Years: 2000-2003

Funding: \$150,500 (direct and indirect costs)

Position: Helped Write Grant

Goal: Examine the relationship between apathy and cognitive dysfunction in Multiple Sclerosis.

### **Grants Under Review**

Title: How emotions impact patience: Lab- and field-based research

Years: 2008-2010

Funding: \$514,715

Position: Co-Principal Investigator

Goal: In lab- and field-based research, to determine the impact of discrete emotions on inter-temporal decision-making as well as the ability of reappraisal to attenuate the link between negative emotional experience and increased impatience.

### **GRANTS NOT FUNDED**

NIMH 2 RO1 MH42172-09 Borod (PI)

Title: Emotional Processing in Brain-Damaged Patients

Years: 2005-2009

Funding: \$2,188,094

Position: Co-Investigator, 25% AY effort

Goal: To collect normative data on emotional processing throughout the lifespan, to determine the impact of stroke location emotional processing deficits (EPDs), and to evaluate the efficacy of treatment on EPDs in a neurological population.

NSF RO3 Grant # 0541509

Title: Parasympathetic Prediction of Emotional Processing/Regulation

Years: 2006-2008

Funding: \$176,037

Position: Principal Investigator, 22% AY effort

Goal: To determine the value of resting parasympathetic tone in predicting emotional response to affective stimuli (positive and negative) and emotion regulation ability using suppression and reappraisal strategies.

NIMH 1 RO3 MH076793-01

Title: Emotion Regulation in Borderline Personality Disorder

Years: 2006-2007

Funding: \$153,000  
 Position: Principal Investigator, 0% AY effort  
 Goal: Using autonomic, behavioral, self-reported mood measures, to determine the relative efficacy of two emotion regulation techniques to sad stimuli in Borderline Personality Disorder.

#### 2005 NARSAD Young Investigator Award

Title: PET imaging during emotional experience and affect regulation: Depressed versus healthy controls  
 Years: 2005-2007  
 Funding: \$60,000  
 Position: Principal Investigator, 0% AY effort  
 Goal: Using positron emission tomography (PET), to compare brain mechanisms underlying emotional processing and affect regulation in depressed individuals versus healthy controls.

#### 2002 NARSAD Young Investigator Award

Title: Physiological underpinnings of bipolar disorder: A diathesis-stress model using affective stimuli  
 Years: 2003-2005  
 Funding: \$60,000  
 Position: Principal Investigator, 0% AY effort  
 Goal: To determine how brain processes affect affective processing and emotion regulation in persons with bipolar disorder.

#### NIMH 1 RO3 MH67573-01

Title: Physiological underpinnings of dominance and submission  
 Years: 2003  
 Funding: \$76,500  
 Position: Principal Investigator, 25% AY effort  
 Goal: To determine whether “approach/withdrawal” emotion is driven by feelings of dominance/submission, and how the brain processes these latter constructs.

### **COMMUNITY SERVICE**

2003-present Faculty Advisor, Alpha Chi Omega sorority  
 2002-2005 Faculty Advisor, Case Western Reserve University Mortar Board Society

### **FORMAL DEPARTMENT SERVICE**

2005-2006 Member, Search Committee for Clinical Adult Health Open Faculty Position  
 2005 Chair, Committee to Re-evaluate Applicants for Open Position in Clinical Psychology  
 2004-2005 Member, Search Committee for Open Position in Experimental Psychology

- 2004 Member, Psychology Department Curriculum Committee  
2001-2002 Member, 10-year Planning Committee

#### **FORMAL COLLEGE OF ARTS AND SCIENCES SERVICE**

- 2007-2008 Member, College Strategic Plan Steering Committee (CSPSC) Task Force on Undergraduate Admissions, Education and Life  
2006-present Chair, Search Committee for the Dean of the College of Arts and Sciences  
2005-present Chair, Brain Imaging Advisory Group

#### **FORMAL UNIVERSITY SERVICE**

- 2008-present Member, UUF Executive Committee  
2008 Member, Committee on Academic Standing  
2005-present Member, CWRU School of Medicine fMRI Research Internal Advisory Group  
2004-2006 Member, Second Year Cohort Committee  
2003-2006 Member, Committee on Academic Standing  
2004-present Member, Academic Integrity Board

#### **OTHER SERVICE**

- 2007-2009 Member of the Society for Psychophysiological Research Bylaws Committee  
2006 Member of the Society for Psychophysiological Research Tursky Award Committee