AMANDA SCHURLE BRUCE, PH.D.
CURRICULUM VITAE

University of Kansas Medical Center
Hoglund Brain Imaging Center
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CURRENT POSITION

Assistant Professor, Research 2009-	University of Kansas Medical Center Hoglund Brain Imaging Center Department of Preventive Medicine
Assistant Professor, Research 2009-	University of Missouri-Kansas City Department of Psychology

EDUCATION

Postdoctoral Fellow 2007-2009	University of Kansas Medical Center Hoglund Brain Imaging Center
Doctor of Philosophy 2007	The Pennsylvania State University Department of Psychology, Clinical Psychology
Psychology Intern 2006-2007	Boston Consortium in Clinical Psychology APA-Accredited Predoctoral Internship
	Harvard Medical School Clinical Psychology Fellow, Department of Psychiatry
	Boston University School of Medicine Teaching Fellow, Department of Psychiatry
Master of Science 2003	The Pennsylvania State University Department of Psychology, Clinical Psychology
Bachelor of Arts 2001	University of Kansas Major: Psychology

HONORS

2005	Psi Chi Outstanding Graduate Student Teaching Award *Pennsylvania State University,* State College, Pennsylvania
2004-2005	Teaching Fellowship Award *Pennsylvania State University,* State College, Pennsylvania
2000-2001	Psi Chi National Honor Society in Psychology *University of Kansas*, Lawrence, Kansas
2000-2001	Gamma Sigma Alpha Honor Society *University of Kansas*, Lawrence, Kansas
1999-2001	Golden Key National Honor Society *University of Kansas*, Lawrence, Kansas
1997-2001	University Honors Program *University of Kansas*, Lawrence, Kansas
1998-1999	Lambda Sigma Honor Society *University of Kansas*, Lawrence, Kansas
1998	W. Mack Barlow General Chemistry Book Award Outstanding Scholastic Record *University of Kansas*, Lawrence, Kansas
1997-2001	Robert C. Byrd National Scholarship
1997-2001	University of Kansas Tuition Scholarships Watkins-Berger Scholarship Geographic Scholarship *University of Kansas*, Lawrence, Kansas

GRANTS

Pending:

NIH F32 Bruce, AS (PI) Submitted 12/07; Resubmitted 08/08
Brain Activation to Food Images and Food Brand Logos in Obese and Lean Children
National Institutes of Health National Research Service Award (NRSA) F32 award. This two-year research training project will examine obese and healthy weight children's' brain activations to food images and food brand logos.
Role: Principal Investigator

Kansas City Area Bruce, JM (PI) Submitted 08/08
Life Sciences Institute
Association between brain function and weight loss surgery
This research project will examine brain activation to food images in obese adults prior to bariatric surgery (lap-band) and compare those to brain activation to food images following bariatric surgery.
Role: Co-Investigator

Past:

NIH R01 HL067209 Aloia, MS (PI) 04/01-03/12
Motivating Adherence to CPAP in Obstructive Sleep Apnea
Randomized-control trial examining the efficacy of motivational enhancement therapy and educational therapy for improving adherence to treatment in obstructive sleep apnea.
Role: Protocol Therapist (2005-2006)

NIH R01 AA014193 Stuart, GL (PI) 07/03-06/09
Brief Intervention to Reduce Drinking among Batterers
Randomized clinical trial examining the effectiveness of a brief motivationally focused alcohol intervention for men who have been arrested for domestic violence.
Role: Consultant (2005-2006)

NIH K23 MH069595 Weisberg, RB (PI) 07/04-06/09
Cognitive-behavioral Treatment of Anxiety in Primary care
Development of a cognitive-behavioral group treatment for primary care patients with anxiety disorders.
Role: Research Assistant (2005-2006)

PUBLICATIONS

Davis, A.M., **Bruce, A.S**., Mangiaracina, C., Schultz, T., & Hyman, P. (in press). Moving from tube to oral feeding in medically fragile non-verbal toddlers. *Journal of Pediatric Gastroenterology and Nutrition.*

Martin, L.E., Holsen, L.M., Chambers, R., **Bruce, A.S.,** Brooks, W.M., Zarcone, J.R., Butler, M.G., & Savage, C.R. (in press). Neural mechanisms associated with food motivation in obese and healthy weight adults. *Obesity*.

Bruce, J.M., **Bruce, A.S.,** & Arnett, P.A. (in press). Response variability is associated with self-reported cognitive fatigue in Multiple Sclerosis. *Neuropsychology.*

Bruce, A.S., Aloia, M.S., & Ancoli-Israel, S. (2009). Neuropsychological effects of hypoxia in medical disorders. In Grant, I. & Adams, K.M. (Eds.), *Neuropsychological Assessment of Neuropsychiatric Disorders, 3rd Edition.* New York, NY: Oxford University Press.

Bruce, A.S., & Arnett, P.A. (2008). Longitudinal Study of the SCL-90 in MS Patients. *The Clinical Neuropsychologist, 22(1),* 46-59.

Bruce, A.S., Ray, W.J., & Carlson, R.A. (2007). Understanding Cognitive Failures: What's Dissociation got to do with it? *The American Journal of Psychology, 120(4),* 553-564.

Bruce, A.S., Ray, W.J., Bruce, J.M., Arnett, P.A., Carlson, R.A. (2007). The Relationship between Executive Functioning and Dissociation. *Journal of Clinical and Experimental Neuropsychology, 29(6),* 626-633.

Bruce, J.M., **Bruce, A.S**., & Arnett, P.A. (2007). Mild visual acuity disturbances are associated with performance on tests of complex visual attention in MS. *Journal of the International Neuropsychological Society, 13,* 544-548.

Felver-Gant, J., **Bruce, A.S.,** Zimmerman, M., Sweet, L., Millman, R.P., & Aloia, M.S. (2007). Working memory in Obstructive Sleep Apnea: Construct validity and treatment effects. *Journal of Clinical Sleep Medicine, 3(6),* 589-594.

Aloia, M.S. & **Bruce, A.S.** (2007). Mood and behavior in Obstructive Sleep Apnea. In C. Kushida, (Ed.), *Obstructive Sleep Apnea: Pathophysiology, Comorbidities, and Consequences, Volume 1*. New York: Taylor & Francis.

Bruce, A.S. & Aloia, M.S. (2006). Sleep and cognition in older adults. In S. Ancoli-Israel (Ed.), *Sleep Medicine Clinics 1* (pp. 207-220). Philadelphia: Elsevier.

UNDER REVIEW

Bruce, A.S., Holsen, L.M., Chambers, R., Martin, L., Brooks, W.M., Zarcone, J.R., Butler, M.G., & Savage, C.R. (under review). Obese children show hyperactivation to food pictures in brain networks linked to motivation, reward, and cognitive control.

Bruce, J.M. & **Bruce, A.S.** (under review). Self-reported memory problems in Multiple Sclerosis: Influence of Psychiatric Status and Dissociative Experiences.

Kamholz, B.W., **Bruce, A.S.**, Gulliver, S.B., Garvey, A.J., & Liverant, G.I. (under review). Methodological implications for the detection of stress-induction effects among psychiatric smokers and ex-smokers.

PUBLISHED ABSTRACTS

Bruce, A.S., Bruce, J.M., Arnett, P.A., & Ray, W.J. (2006). *The Relationship between Dissociation and Attention-Deficit/Hyperactivity Disorder Symptoms.* Poster presented at the 26th annual meeting of the National Academy of Neuropsychology, San Antonio, Texas.

Bruce, A.S., Bruce, J.M., Arnett, P.A., & Ray, W.J. (2006). *The Relationship between Dissociation and Executive Functioning*. Poster presented at the 34th annual meeting of the International Neuropsychological Society, Boston, Massachusetts.

Schurle, A.C. & Arnett, P.A. (2004). *Longitudinal examination of psychopathology in MS patients.* Poster presented at the 32nd annual meeting of the International Neuropsychological Society, Baltimore, Maryland.

Schurle, A.C., & Arnett, P.A. (2002). *Coping and hoping: two possible buffers against general psychopathology in MS patients*. Poster presented at the 22nd annual meeting of the National Academy of Neuropsychology, Miami, Florida.

PRESENTATIONS

Bruce, A.S. (2009). *Fast Food Marketing and Childhood Obesity.* Invited guest on The Walt Bodine Show, KCUR 89.3 FM, Public Radio.

Bruce, A.S. (2008). *Food motivation, food marketing, and functional MRI*: *Brain imaging and the influence of advertising on childhood obesity* . University of Missouri-Kansas City. Kansas City, Missouri.

Bruce, A.S. (2008). *Using functional magnetic resonance imaging (fMRI) to study obesity and brand logos.* University of Kansas Medical Center Neuroimaging Group Meeting. Kansas City, Kansas.

Martin, L., Chambers, R., **Bruce, A.S**., McCurdy, D., Hay, T., & Savage, C.R. (2008). *Investigation of the Neural Mechanisms of Reward Sensitivity in Obesity.* Poster presented at the University of Kansas 10th Annual Conference on the Prevention and Treatment of Overweight and Obese Individuals, Kansas City, Missouri.

Bruce, A.S. & Aloia, M.S. (2006). *Motivational Enhancement Therapy in Sleep Apnea Patients.* Invited presentation and workshop seminar for Respironics corporation in Pittsburgh, Pennsylvania.

Bruce, A.S., Bruce, J.M., Arnett, P.A., & Ray, W.J. (2006). *The Relationship between Dissociation and Attention-Deficit/Hyperactivity Disorder Symptoms.* Poster presented at the 26th annual meeting of the National Academy of Neuropsychology, San Antonio, Texas.

Bruce, A.S., Bruce, J.M., Arnett, P.A., & Ray, W.J. (2006). *The Relationship between Dissociation and Executive Functioning*. Poster presented at the 34th annual meeting of the International Neuropsychological Society, Boston, Massachusetts.

Schurle, A.C. & Arnett, P.A. (2004). *Longitudinal examination of psychopathology in MS patients.* Poster presented at the 32nd annual meeting of the International Neuropsychological Society, Baltimore, Maryland.

Schurle, A.C. & Arnett, P.A. (2002). *Coping and hoping: two possible buffers against general psychopathology in MS patients*. Poster presented at the 22nd annual meeting of the National Academy of Neuropsychology, Miami, Florida.

CLINICAL EXPERIENCE

Healthy Hawks Clinic at the University of Kansas Medical Center Dept of Pediatrics
September 2007- present
Group leader for the Healthy Hawks childhood obesity clinic. Lead and co-lead parent and child (ages 3-17) psychoeducational groups for a 12-week behavioral family obesity treatment program. The Healthy Hawks Clinic involves a team including pediatricians, psychologists, exercise physiologists, and dieticians to target the multi-factorial causes of obesity.

Feeding Clinic at the University of Kansas Medical Center Dept of Pediatrics
September 2007-present
Conduct behaviorally-focused interviews for parents/guardians of children with feeding difficulties as part of a multi-disciplinary team (pediatrician, gastroenterologist, dietician, occupational therapist, and psychologist). The team diagnoses and treats feeding disorders in children (infants-adolescents).

Medical Rehabilitation/Palliative Care, Boston Consortium in Clinical Psychology (VA)
May 2007-August 2007
Four-month predoctoral internship rotation. Provided group therapy for a psychological and behavioral weight loss intervention. Provided assessment, consultation, cognitive and

neuropsychological testing, and brief psychotherapy with a diverse veteran population with primary medical diagnoses accompanied by psychological disorders in the rehab setting. Conducted individual therapy with patients diagnosed with terminal illness in the palliative care ward. Lead a memory group for veterans diagnosed with dementia. Consulted with treatment team (physicians, nutrition, nursing, occupational and physical therapy, social work, chaplain, recreational therapy, pharmacy).

Mood Disorders Clinic, Boston Consortium in Clinical Psychology (VA)
September 2006-April 2007
Eight-month predoctoral internship rotation. Provided intake assessments, consultation-liaison, and brief to long-term individual psychotherapy for a diverse veteran population diagnosed with mood disorders (major depression, bipolar disorder). Provided group therapy for depression and bipolar disorder. Collaborated with faculty to develop a treatment manual for bipolar disorder group therapy.

General Mental Health Clinic, Boston Consortium in Clinical Psychology, (VA)
September 2006-April 2007
Eight-month predoctoral internship rotation. Conducted intake assessments, consultation-liaison, individual therapy, and group therapy with a diverse veteran patient population suffering from complicated grief (bereavement), adjustment disorders, and anxiety disorders. Lead group therapy for Anger Management. Conducted psychological evaluations for Urgent Care (Emergency room) patients. Consulted and coordinated care with multidisciplinary treatment team (psychiatry, psychology, social work).

Department of Psychiatry and Human Behavior, Brown University Medical School
September 2006-August 2006
Conducted brief manualized individual psychotherapy sessions with sleep apnea patients as part of an NIH funded R01 research study (PI Aloia). The intervention included motivational enhancement techniques, which were designed to improve adherence to sleep apnea treatment (CPAP). Also conducted the psychoeducational interventions with sleep apnea patients.

Department of Psychiatry and Human Behavior, Brown University Medical School
September 2006-August 2006
Conducted screening assessments to determine inclusion in NIH funded K-award (PI Weisberg). Administered structured diagnostic clinical interviews (Structured Clinical Interview for DSM-IV), alcohol/drug assessments (AUDIT, DUDIT) and the Hamilton Anxiety Report Scale (HARS) to prospective subjects for a cognitive-behavioral group therapy for anxiety disorders. Conducted focus groups discussing subjects' reactions and opinions of a cognitive-behavioral group therapy for anxiety disorders in the primary care setting.

The Psychological Clinic, The Pennsylvania State University
September 2001-August 2005
Conducted individual therapy, couples' therapy, and group therapy sessions with adults diagnosed with psychological disorders including mood disorders, personality disorders, anxiety disorders, and psychotic disorders. Many clients suffered from severe and persistent mental illness. Treatment modalities used included cognitive-behavioral, object relations, and existential/humanistic. Participated in group and individual weekly faculty and peer supervision. Consulted with intensive case managers.

Neuropsychology Practicum, The Psychological Clinic, Penn State University
September 2002-June 2003
Neuropsychological assessment and consultation including self-report measures, diagnostic interviews, intelligence testing, achievement testing, personality assessment, and related cognitive measures (assessing attention, executive functioning, psychomotor skills, and memory).

Crisis Counselor, Headquarters Crisis Counseling Center
September 2000-May 2001
Participated in extensive training (100+ hours), including assigned readings, role-plays, discussion, didactics, observation, and direct supervision. Conducted clinical work (200+ hours) which consisted of answering crisis telephone calls, assessing for suicidality, utilizing active listening strategies and client-centered counseling skills. During the brief encounter, a crisis intervention was completed, directing individuals to follow-up services in the surrounding area.

Private Behavioral Therapist
September 2000-May 2001
Worked with a three-year-old boy diagnosed with autism. Used applied behavior analysis techniques in order to increase compliance with instructions, improve emotional regulation, decrease distracting negative behaviors, introduce reading abilities, and develop verbal skills.

Headstart Paraprofessional
June 2000-July 2000
Supervised a three-year-old child with a severe developmental disability. Assisted in a classroom of eleven children with special needs ranging from cerebral palsy to autism. Helped other instructors facilitate academic instruction, recreational activities, and art projects.

TEACHING

Courses Taught:

History & Systems of Psychology. Fall 2009. Capstone course for upper-level psychology majors. Approximately 50 students. University of Missouri-Kansas City.

Psychology of Women, Fall 2005. Elective course for upper-level psychology majors. Approximately 30 students. Rhode Island College.

Introduction to Psychology, Summer 2005. Required course for liberal arts majors. Approximately 35 students. The Pennsylvania State University.

Introduction to Clinical Psychology, Spring 2005. Elective course for upper-level psychology majors. Approximately 50 students. The Pennsylvania State University. Supervised teaching assistant.

Introduction to Clinical Psychology, Fall 2004. Elective course for upper-level psychology majors. Approximately 60 students. The Pennsylvania State University. Supervised teaching assistant.

Psychology of Gender, Summer 2004. Elective course for upper-level psychology majors. Approximately 30 students. The Pennsylvania State University.

Courses Assisted, Guest Lectures:

Introduction to Psychology, Fall 2007. Required course for liberal arts majors. Lectured on dissociation and personality psychopathology. Approximately 40 students. Rhode Island College.

Introduction to Psychology, Spring 2003, Required course for liberal arts majors. Approximately 350 students. The Pennsylvania State University.

Abnormal Psychology, Fall 2002. Required course for upper-level psychology majors. Approximately 300 students. Lead weekly discussion group. The Pennsylvania State University.

Cognitive Development, Spring 2002. Elective course for upper-level psychology majors. Approximately 40 students. The Pennsylvania State University.

Engineering Psychology, Spring 2002. Elective course for upper-level psychology majors. Approximately 35 students. The Pennsylvania State University

Psychology of Adjustment, Fall 2001. Elective course for upper-level psychology majors. Approximately 80 students. Lectured on coping and stress management. The Pennsylvania State University.

RESEARCH

September 2007- July 2009	Postdoctoral Fellow, University of Kansas Medical Center.
August 2004- August 2006	Dissertation Research, The Pennsylvania State University
September 2005- August 2006	Research Assistant, Brown Medical School
June 2003- August 2004	Minor Project Research, The Pennsylvania State University
August 2001- May 2003	Thesis Research, The Pennsylvania State University
August 2000- May 2001	Research Assistant, University of Kansas

SUPERVISION EXPERENCE

2008-present	Supervision of Research Assistant *Hoglund Brain Imaging Center, KU Medical Center*
2006-2007	Supervision of Clinical Psychology Practicum students *Boston Consortium in Clinical Psychology*
2004-2005	Supervision of Teaching Assistant Introduction to Clinical Psychology, *Penn State University*

EDITORIAL EXPERIENCE

2006 Ad hoc Reviewer
Sleep Medicine Reviews
Supervised by Mark Aloia, Ph.D.

2006 Ad hoc Reviewer
Journal of Consulting & Clinical Psychology
Supervised by Risa B. Weisberg, Ph.D.

2005 Ad hoc Reviewer
Biological Research for Nursing
Supervised by Mark Aloia, Ph.D.

CONSULTANT EXPERIENCE

2005-2006 Motivational Interviewing Consultant
Brown Medical School

Coded audiotapes of intervention sessions for treatment fidelity. Treatment involved motivational techniques. Participated in regular supervision sessions of treatment providers.

2006-2007 Consultant
Oxford University Press
New York, NY

Commissioned to review chapters in progress and compose exam questions for the test bank of an upcoming in press introductory clinical psychology textbook.

ADMINISTRATIVE EXPERIENCE

2006-2007 Curriculum Committee Member
Boston Consortium in Clinical Psychology

Served as a representative of the 19 member internship class. Assessed training needs and served as a liaison between faculty and trainees. Compiled satisfaction surveys from didactic seminars.

2004-2005 Clinical Training Committee Representative
The Pennsylvania State University, University Park, PA

Elected by classmates to serve as a representative to the Pennsylvania State University Faculty Clinical Training Committee. Attended meetings and communicated information between students and faculty.

2001 Assistant coordinator of the Psy 002 Subject Pool
The Pennsylvania State University, University Park, PA

Developed alternative activities for research credit participation. Administered these activities to minors and conscientious objectors to research participation.

1998-1999 Lambda Sigma Honor Society, Treasurer
University of Kansas, Lawrence, Kansas

Managed the financial records for the Lambda Sigma Honor Society. Balanced finances and completed statements and year-end reports.

RELATED EXPERIENCE

2004-2005 Schreyer Institute for Teaching Excellence
New Instructor Orientation; Teaching Luncheon Seminars
The Pennsylvania State University, University Park, PA

MEMBERSHIPS

2002- American Psychological Association

2002-2004 National Academy of Neuropsychology

2002-2004 International Neuropsychological Society

2000-2001 Psychology Club