

Stanford



Cara Bohon

Assistant Professor of Psychiatry and Behavioral Sciences (Child and Adolescent Psychiatry and Development) at the Stanford University Medical Center

Psychiatry and Behavioral Sciences - Child and Adolescent Psychiatry

CLINICAL OFFICES

- **Stanford Children's Child and Adolescent Psychology Clinic**

401 Quarry Rd

MC 5719

Stanford, CA 94305

Tel (650) 723-5511

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Bio

CLINICAL FOCUS

- Psychology
- Eating disorders

ACADEMIC APPOINTMENTS

- Assistant Professor - Med Center Line, Psychiatry and Behavioral Sciences - Child and Adolescent Psychiatry
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- Director, Stanford Outpatient Eating Disorders Clinic, (2018- present)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Co-Chair, Neuroimaging Special Interest Group, Academy of Eating Disorders (2014 - 2017)

PROFESSIONAL EDUCATION

- Fellowship: Semel Institute for Neuroscience and Human Behavior (UCLA) (2012) CA
- Internship: Semel Institute for Neuroscience and Human Behavior (UCLA) (2010) CA
- PhD Training: University of Oregon Office of the Registrar (2010) OR
- PhD, University of Oregon , Clinical Psychology (2010)
- MS, University of Oregon , Clinical Psychology (2006)
- BS, Vanderbilt University , Psychology (2004)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My research interests have focused on the neural bases of eating disorders and obesity. I am particularly interested in the way emotion and reward is processed in the brain and how that may contribute to eating behavior and food restriction. I hope to eventually translate biological research findings into treatments.

CLINICAL TRIALS

- Emotion Regulation in Binge Eating and Purging Among Adolescents, Recruiting
- Food and the Brain, Recruiting
- Neural Links Between OCD and Anorexia, Not Recruiting
- Taste Reward Processing in Pediatric Obesity, Not Recruiting

PROJECTS

- Food and the Brain - Stanford University (September 22, 2015 - August 31, 2020)

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Kelsey Hagan

Publications

PUBLICATIONS

- **Performance and brain activity during the Wisconsin Card Sorting Test in adolescents with obsessive-compulsive disorder and adolescents with weight-restored anorexia nervosa.** *European child & adolescent psychiatry*
Bohon, C., Weinbach, N., Lock, J.
2019
- **Set-shifting in adolescents with weight-restored anorexia nervosa and their unaffected family members.** *Journal of psychiatric research*
Weinbach, N., Bohon, C., Lock, J.
2019; 112: 71–76
- **Change in brain volume and cortical thickness after behavioral and surgical weight loss intervention.** *NeuroImage. Clinical*
Bohon, C., Geliebter, A.
2018: 101640
- **Comorbid depressive symptoms and self-esteem improve after either cognitive-behavioural therapy or family-based treatment for adolescent bulimia nervosa** *EUROPEAN EATING DISORDERS REVIEW*
Valenzuela, F., Lock, J., Le Grange, D., Bohon, C.
2018; 26 (3): 253–58
- **Changes in Cerebral Cortical Thickness Related to Weight Loss Following Bariatric Surgery.** *Obesity surgery*
Bohon, C., Garcia, L. C., Morton, J. M.
2018
- **Aberrant Dynamic Connectivity for Fear Processing in Anorexia Nervosa and Body Dysmorphic Disorder.** *Frontiers in psychiatry*
Rangaprakash, D., Bohon, C., Lawrence, K. E., Moody, T., Morfini, F., Khalsa, S. S., Strober, M., Feusner, J. D.
2018; 9: 273
- **Brain response to taste in overweight children: A pilot feasibility study.** *PloS one*
Bohon, C.

2017; 12 (2)

- **An interoceptive model of bulimia nervosa: A neurobiological systematic review.** *Journal of psychiatric research*
Klabunde, M., Collado, D., Bohon, C.
2017; 94: 36–46
- **Differences in Emotion Regulation Difficulties Across Types of Eating Disorders During Adolescence.** *Journal of abnormal child psychology*
Weinbach, N., Sher, H., Bohon, C.
2017
- **Intrinsic Brain Connectivity in Youth With Depression at High Risk for Insulin Insensitivity**
Singh, M., Leslie, S., Foland-Ross, L., Weisman, E., Bhattacharjee, K., Onopa, A., Soudi, L., Staver, A., Bohon, C., Rasgon, N.
NATURE PUBLISHING GROUP.2016: S185–S186
- **Functional connectivity for face processing in individuals with body dysmorphic disorder and anorexia nervosa** *PSYCHOLOGICAL MEDICINE*
Moody, T. D., Sasaki, M. A., Bohon, C., Strober, M. A., Bookheimer, S. Y., Sheen, C. L., Feusner, J. D.
2015; 45 (16): 3491-3503
- **Anorexia nervosa and body dysmorphic disorder are associated with abnormalities in processing visual information** *PSYCHOLOGICAL MEDICINE*
Li, W., Lai, T. M., Bohon, C., Loo, S. K., McCurdy, D., Strober, M., Bookheimer, S., Feusner, J.
2015; 45 (10): 2111-2122
- **Deep brain stimulation for obesity: rationale and approach to trial design.** *Neurosurgical focus*
Ho, A. L., Sussman, E. S., Pendharkar, A. V., Azagury, D. E., Bohon, C., Halpern, C. H.
2015; 38 (6): E8-?
- **Deep Brain Stimulation for Obesity.** *Cureus*
Ho, A. L., Sussman, E. S., Zhang, M., Pendharkar, A. V., Azagury, D. E., Bohon, C., Halpern, C. H.
2015; 7 (3)
- **Greater emotional eating scores associated with reduced frontolimbic activation to palatable taste in adolescents.** *Obesity*
Bohon, C.
2014; 22 (8): 1814-1820
- **Visual processing in anorexia nervosa and body dysmorphic disorder: Similarities, differences, and future research directions.** *Journal of psychiatric research*
Madsen, S. K., Bohon, C., Feusner, J. D.
2013; 47 (10): 1483-1491
- **Functional Connectivity While Viewing Cues for Taste Delivery Related to Body Mass in Healthy-Weight Adolescents**
Bohon, C., Burger, K. S., Stice, E.
ELSEVIER SCIENCE INC.2013: 197S–198S
- **Nonlinear relationships between anxiety and visual processing of own and others' faces in body dysmorphic disorder** *PSYCHIATRY RESEARCH-NEUROIMAGING*
Bohon, C., Hembacher, E., Moller, H., Moody, T. D., Feusner, J. D.
2012; 204 (2-3): 132-139
- **Negative affect and neural response to palatable food intake in bulimia nervosa** *APPETITE*
Bohon, C., Stice, E.
2012; 58 (3): 964-970
- **Effects of cranial electrotherapy stimulation on resting state brain activity.** *Brain and behavior*
Feusner, J. D., Madsen, S., Moody, T. D., Bohon, C., Hembacher, E., Bookheimer, S. Y., Bystritsky, A.
2012; 2 (3): 211-220
- **Reward Abnormalities among Women with Full and Subthreshold Bulimia Nervosa: A Functional Magnetic Resonance Imaging Study** *INTERNATIONAL JOURNAL OF EATING DISORDERS*
Bohon, C., Stice, E.
2011; 44 (7): 585-595

- **An fMRI study of obesity, food reward, and perceived caloric density. Does a low-fat label make food less appealing?** *APPETITE*
Ng, J., Stice, E., Yokum, S., Bohon, C.
2011; 57 (1): 65-72
- **Weight Gain Is Associated with Reduced Striatal Response to Palatable Food** *JOURNAL OF NEUROSCIENCE*
Stice, E., Yokum, S., Blum, K., Bohon, C.
2010; 30 (39): 13105-13109
- **Relation of dietary restraint scores to cognitive biases and reward sensitivity** *APPETITE*
Ahern, A. L., Field, M., Yokum, S., Bohon, C., Stice, E.
2010; 55 (1): 61-68
- **Reward circuitry responsivity to food predicts future increases in body mass: Moderating effects of DRD2 and DRD4** *NEUROIMAGE*
Stice, E., Yokum, S., Bohon, C., Marti, N., Smolen, A.
2010; 50 (4): 1618-1625
- **A Meta-Analytic Review of Depression Prevention Programs for Children and Adolescents: Factors That Predict Magnitude of Intervention Effects** *JOURNAL OF CONSULTING AND CLINICAL PSYCHOLOGY*
Stice, E., Shaw, H., Bohon, C., Marti, C. N., Rohde, P.
2009; 77 (3): 486-503
- **Female Emotional Eaters Show Abnormalities in Consummatory and Anticipatory Food Reward: A Functional Magnetic Resonance Imaging Study** *INTERNATIONAL JOURNAL OF EATING DISORDERS*
Bohon, C., Stice, E., Spoor, S.
2009; 42 (3): 210-221
- **Maintenance Factors for Persistence of Bulimic Pathology: A Prospective Natural History Study** *INTERNATIONAL JOURNAL OF EATING DISORDERS*
Bohon, C., Stice, E., Burton, E.
2009; 42 (2): 173-178
- **Subtyping Women With Bulimia Nervosa Along Dietary and Negative Affect Dimensions: Further Evidence of Reliability and Validity** *JOURNAL OF CONSULTING AND CLINICAL PSYCHOLOGY*
Stice, E., Bohon, C., Marti, C. N., Fischer, K.
2008; 76 (6): 1022-1033
- **Relation of Reward From Food Intake and Anticipated Food Intake to Obesity: A Functional Magnetic Resonance Imaging Study** *JOURNAL OF ABNORMAL PSYCHOLOGY*
Stice, E., Spoor, S., Bohon, C., Veldhuizen, M. G., Small, D. M.
2008; 117 (4): 924-935
- **Relation between obesity and blunted striatal response to food is moderated by TaqIA A1 allele** *SCIENCE*
Stice, E., Spoor, S., Bohon, C., Small, D. M.
2008; 322 (5900): 449-452
- **A prospective test of cognitive vulnerability models of depression with adolescent girls** *BEHAVIOR THERAPY*
Bohon, C., Stice, E., Burton, E., Fudell, M., Nolen-Hoeksema, S.
2008; 39 (1): 79-90
- **Relations of bulimic symptom frequency and intensity to psychosocial impairment and health care utilization: Results from a community-recruited sample** *INTERNATIONAL JOURNAL OF EATING DISORDERS*
Spoor, S. T., Stice, E., Burton, E., Bohon, C.
2007; 40 (6): 505-514
- **Reciprocal relations between rumination and bulimic, substance abuse, and depressive symptoms in female adolescents** *JOURNAL OF ABNORMAL PSYCHOLOGY*
Nolen-Hoeksema, S., Stice, E., Wade, E., Bohon, C.
2007; 116 (1): 198-207
- **Predicting school dropout and adolescent sexual behavior in offspring of depressed and nondepressed mothers** *JOURNAL OF THE AMERICAN ACADEMY OF CHILD AND ADOLESCENT PSYCHIATRY*
Bohon, C., Garber, J., Horowitz, J. L.

