

**Katherine R. Buchholz, Ph.D.**  
Curriculum Vitae

Postdoctoral Research Scientist  
Wellesley Centers for Women  
Wellesley College  
106 Central Street  
Wellesley, MA 02481

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**EDUCATION**

- 5/11 – 8/15      Ph.D. in Clinical Psychology (APA Accredited)  
University of Missouri – St. Louis  
Advisor: Steven E. Bruce, Ph.D.  
Dissertation: *Neural Correlates of Rumination in Posttraumatic Stress Disorder Before and After Cognitive Processing Therapy*
- 8/09 – 5/11      M.A. in Clinical Psychology (APA Accredited)  
University of Missouri – St. Louis  
Advisor: Steven E. Bruce, Ph.D.  
Thesis: *Attentional Modulation of the Amygdala in Response to Threat across Posttraumatic Stress Disorder and Major Depressive Disorder*
- 8/01 – 1/04      M.A. in Drama Therapy, New York University  
Thesis: *Drama Therapy Groups in Adult Acute Inpatient Psychiatric Units*
- 9/97 – 6/01      B.S. in Speech, Theater Major, Northwestern University, Evanston, IL

**TRAINING**

- 7/19 – Present      Postdoctoral Research Scientist  
Wellesley Centers for Women, Wellesley, MA
- 8/15 – 4/17      VA Advanced Psychology Postdoctoral Fellowship (APA Accredited)  
VA Serious Mental Illness Treatment Resource and Evaluation Center  
VA Ann Arbor Healthcare System, Ann Arbor, MI
- 8/14 – 8/15      Predoctoral Clinical Psychology Internship (APA Accredited)  
VA Ann Arbor Healthcare System, Ann Arbor, MI  
Rotations: PTSD clinical team, Substance use disorder clinic, Assessment, Couples therapy

**LICENSURE**

- 1/17 – Present      Licensed Clinical Psychologist, Michigan      #6301016544

**TEACHING EXPERIENCE**

*Undergraduate Courses:*

- Spring 2014 Instructor of Record, Department of Psychology, University of Missouri-St. Louis
- Abnormal Psychology, online course
- Spring 2013 Instructor of Record, Department of Psychology, University of Missouri-St. Louis
- Psychology of Trauma
- Spring 2012 Guest Lecturer, Department of Psychology, University of Missouri-St. Louis
- Abnormal Psychology, “An Integrative Approach to Psychopathology: Genes & Neuroscience”
- Fall 2011 Teaching Assistant, Department of Psychology, University of Missouri-St. Louis
- Psychology of Death and Dying, online course

*Clinical Didactics:*

- Spring 2016 Guest Lecturer, VA Ann Arbor Healthcare System
- Prolonged Exposure training for interns and practicum students
- Winter 2017 Grand Rounds, VA Ann Arbor Healthcare System
- Aggression and Posttraumatic Stress Disorder

*Clinical Supervision:*

- 9/15 – 8/16 Ann Arbor Healthcare System, Ann Arbor, MI  
Supervision Supervised by Erin Smith, Ph.D. and Heather Cochran, Ph.D.
- Co-led supervision group for predoctoral psychology interns learning Prolonged Exposure and Cognitive Processing Therapy.
  - Provided individual supervision for a predoctoral intern conducting Cognitive Processing Therapy for veterans.
- 9/12 – 12/12 Center for Trauma Recovery, UM-St. Louis  
Supervision Supervised by Steven E. Bruce, Ph.D.
- Provided individual supervision for second-year clinical psychology student conducting Cognitive Processing Therapy for a sexual assault survivor.

*Research Supervision:*

- 3/18 – Present Master’s Thesis Committee Member  
Valerie Nieto, University of Michigan, School of Dentistry  
*Oral Health Status of United States Veterans with Post Traumatic Stress Disorder: Cross Sectional Study*

**RESEARCH EXPERIENCE**

- 7/19 – Present **Postdoctoral Research Scientist**  
Wellesley Centers for Women, Wellesley College
- 11/18 – Present **Assessment Supervisor for Clinician Administered PTSD Scale 5**  
*Massed Cognitive Processing Therapy for Combat-Related PTSD*, BVARI  
Principal Investigator: Jennifer Schuster Wachen
- Train and provide ongoing assessment supervision to team of five study assessors.
- 6/18 – Present **Co-Investigator**  
*Trauma-Focused Care on Campuses: Engaging Stakeholders for Change*, Pacific Lutheran University  
Principal Investigator: Tiffany Artime
- Collaborate with learning community of campus stakeholders to adapt and implement evidenced-based trauma-focused care in college counseling centers.
- 5/17 – 6/19 **Program Manager**  
*Women Veterans Network (WoVeN)*, Boston University  
Principal Investigator: Tara Galovski
- Provided support for all aspects of program development and research
- 8/15 – 4/17 **Post-doctoral Fellow**  
*VA Advanced Psychology Postdoctoral Fellowship*, VA Ann Arbor  
Research Supervised by Rebecca Sripada, Kipling Bohnert, and Paul Pfeiffer
- Manuscript writing from VA administrative and clinical trial data.
- 6/11 – 7/14 **Graduate Research Assistant/Therapist and Assessor**  
*Neural Correlates of PTSD Treatment Outcome: An fMRI Study (K23 MH090366-01)*, UM-St. Louis  
Principal Investigator: Steven E. Bruce
- Administered SCID and CAPS and conducted Cognitive Processing Therapy (CPT) for PTSD with participants.
- 8/09 – 8/11 **Graduate Research Assistant/Therapist and Assessor**  
*Abnormality of Emotional Circuitry as a Biomarker in PTSD (IRC1 MH089704-01)*, UM-St. Louis  
Principal Investigator: Yvette Sheline, Co-Investigator: Steven E. Bruce
- Administered SCID and CAPS and conducted Cognitive Processing Therapy (CPT) for PTSD with participants.
- 8/09 – 7/11 **Graduate Research Assistant**  
*International Study to Predict Optimized Treatment in Depression (ISPOT-D)*, UM-St. Louis  
Site Principal Investigator: Steven E. Bruce
- Administered semi-structured interviews to screen potential participants.

- Prepared and conducted participant EEGs and computer testing batteries.

6/08 – 6/09    **Research Assistant**

*OCD Collaborative Genetic Association Study*, Columbia University/New York State Psychiatric Institute

Site Principal Investigator: Abby J. Fyer, M.D.

- Research assistant duties including phone screens, IRB submissions, and preparing/tracking grant budget.

9/07 – 6/08    **Research Assistant**

*Tryptophan Depletion in Individuals at High and Low Risk for Depression*, Mount Sinai School of Medicine

Principal Investigator: Adrianna Feder, M.D.

- Coordinator duties included supervising graduate student research assistants, managing data entry, and overseeing fMRI procedure days.

### **HONORS AND AWARDS**

2013    Lewis Sherman Scholarship Award in Clinical Psychology, UM-St. Louis

2003    National Association of Drama Therapy Student Service Award

### **PEER REVIEW SERVICE**

*Ad Hoc Reviewer:*

Biological Psychology

Cortex

Journal of Neuroscience Research

Journal of Traumatic Stress

Medical Care

Psychotherapy Research

### **BIBLIOGRAPHY**

*Peer-Reviewed Publications:*

Artime, T.M., **Buchholz, K.R.**, & Jakupcak, M. (2019). Mental health symptoms and treatment utilization among trauma-exposed college students. *Psychological Trauma: Theory, Research, Practice, and Policy*. 11, 274-282. doi: 10.1037/tra0000376

Lamp, K.E., Avallone, K.M., Maieritsch, K.P., **Buchholz, K.R.**, & Rauch, S.A.M. (2019). Individual and group cognitive processing therapy: Effectiveness across two VA PTSD clinics. *Psychological Trauma: Theory, Research, Practice, and Policy*. 11, 197-206. doi: 10.1037/tra0000370

Sexton, M.B., Davis, A.K., **Buchholz, K.R.**, Winters, J.J., Rauch, S.A.M., Bonar, E.E., Yzquibell, M., Friday, S., & Chermack, S.T. (2019). Veterans with Recent Substance Use and Aggression: PTSD, Substance Use, and Social Network Behaviors. *Psychological Trauma: Theory, Research, Practice, and Policy*. 11, 424-433. doi: 10.1037/tra0000367

**Buchholz, K.R.**, Bohnert, K.M., Pfeiffer, P.N., Valenstein, M., Ganoczy, D., Anderson, R.E., &

- Sripada, R.K. (2017). Reengagement in PTSD psychotherapy: A case-control study. *General Hospital Psychiatry*, 48, 20-24. doi: 10.1016/j.genhosppsych.2017.06.009
- Jakob, J.M.D., Lamp, K., Rauch, S.A.M., Smith, E., & **Buchholz, K.R.** (2017). The impact of trauma type or number of traumatic events on PTSD diagnosis and symptom severity in treatment seeking veterans. *The Journal of Nervous and Mental Disease*, 205(2), 83-86. doi: 10.1097/NMD.0000000000000581
- Buchholz, K.R.**, Bohnert, K.M., Sripada, R.K., Rauch, S.A.M., Epstein-Ngo, Q.M., & Chermack, S.T. (2017). Associations between PTSD and intimate partner and non-partner aggression among substance using veterans in specialty mental health. *Addictive Behaviors*, 64, 194-199. doi: 10.1016/j.addbeh.2016.08.039
- Buchholz, K.R.**, Bruce, S.E., Koucky, E.M., Artime, T.M., Wojtalik, J.A., Brown, W.J., & Sheline, Y. (2016). Neural correlates of trait rumination during an emotion interference task in women with PTSD. *Journal of Traumatic Stress*, 29(4), 317-324. doi: 10.1002/jts.22112.
- Artime, T.M. & **Buchholz, K.R.** (2016). Treatment for sexual assault survivors at university counseling centers. *College Student Psychotherapy*, 30(4), 252-261. doi: 10.1080/87568225.2016.1219610
- Brown, W., Bruce, S.E., **Buchholz, K.R.**, Mueller, T.M., Hu, E., & Sheline, Y.I. (2016). Affective dispositions and PTSD symptom clusters in female interpersonal trauma survivors. *Journal of Interpersonal Violence*, 31(3), 407-424. doi: 10.1177/0886260514555866.
- Bruce, S.E., **Buchholz, K.R.**, Brown, W.J., Yan, L., Durbin, A., & Sheline, Y.I. (2013). Altered emotional interference processing in the amygdala and insula in women with post-traumatic stress disorder. *NeuroImage: Clinical*, 2(1), 43-49. doi: 10.1016/j.nicl.2012.11.003
- Feder A., Skipper, J., Blair, J.R., **Buchholz, K.**, Mathew, S.J., Schwarz, M., Doucette, J.T., Alonso, A., Collins, K.A., Neumeister, A., & Charney, D.S. (2011). Tryptophan depletion and emotional processing in healthy volunteers at high risk for depression. *Biological Psychiatry*, 69(8), 804-807. doi: 10.1016/j.biopsych.2010.12.033
- Ahmad, S., Feder, A., Lee, E.J., Wang, Y., Southwick, S.M., Schlackman, E., **Buchholz, K.**, Alonso, A., & Charney, D.S. (2010). Earthquake impact in a remote south Asian population: Psychosocial factors and posttraumatic symptoms. *Journal of Traumatic Stress*, 23(3), 408-412. doi: 10.1002/jts.20535
- Feder, A., Southwick, S.M., Goetz, R.R, Wang, Y., Alonso, A., Smith, B.W., **Buchholz, K.R.**, Waldeck, T., Ameli, R., Moore, J., Hain, R., Charney, D.S., & Vythilingam, M. (2008). Posttraumatic growth in former Vietnam prisoners of war. *Psychiatry: Interpersonal & Biological Processes*, 71(4), 359-370. doi: 10.1521/psyc.2008.71.4.359

*Articles in Preparation:*

**Buchholz, K.R.**, Lipson, S.K., Artime, T.M., Kern, A., & Eisenberg, D. Formal and informal mental health service utilization among college students with a past-year sexual assault.

*Book Chapters:*

**Buchholz, K.R.**, McCaughey, V.K., & Street, A.E. (in press). What is psychological trauma? In V. Ades (Eds.), *Sexual and Gender-Based Violence: A Complete Clinical Guide*.

Bruce, S.E., **Buchholz, K.R.**, & Brown, W.J. (in press). The insula in women with PTSD. In, *Neuroscience and Biological Bases of Behavior. Wiley Encyclopedia of Health Psychology*.

**Buchholz, K. R.**, Feingold, Z., & Galovski, T. E. (2019). Etiology and phenomenology of posttraumatic stress disorder. In B. Olatunji (Eds.), *Handbook of Anxiety and Related Disorders*. Cambridge, UK: Cambridge University Press.

*Published Abstracts:*

Feder, A., **Buchholz, K.**, Schlackman, E., Guise, K., Rebani, Y., Thapa, N., Alonso, A., Wang, Y., Liu, X., Fan, J., & Charney, D.S. (2008). Neural markers of risk for major depression: An fMRI study [Abstract]. *Society of Biological Psychiatry*, 63, 203S.

**PAPER PRESENTATIONS AND SYMPOSIA**

**Buchholz, K.R.**, Bohnert, K.M., Pfeiffer, P.N., Ganoczy, D., & Sripada, R.K. (2016, November). *Predictors of reengagement in psychotherapy among veterans with PTSD*. Oral paper presentation at the annual meeting of International Society for Traumatic Stress Studies, Dallas, TX.

**Buchholz, K.R.**, Bruce, S.E., Wojtalik, J., Brown, W.J., & Sheline, Y.I. (2014, March). *Neural correlates of rumination in individuals with PTSD before and after psychotherapy*. Paper presentation at the annual meeting of Anxiety and Depression Association of America, Chicago, IL.

**Buchholz, K.R.**, Bruce, S.E. Yan, L., Koucky, E., Artime, T., Brown, W., Durbin, A., & Sheline, Y.I (2013, November). *Neural mechanisms of rumination in posttraumatic stress disorder*. In S. E. Bruce (Chair), Dimensional constructs and neural correlates of CBT treatment outcome in anxiety disorders. Symposium presented at the Association for Behavior and Cognitive Therapies Annual Conference, Nashville, TN.

Bruce, S.E., **Buchholz, K.**, Brown, W., Yan, L., Durbin, A., & Sheline, Y.I (2013, November). *The neural correlates of CBT treatment outcome in women with PTSD*. In S. E. Bruce (Chair), Dimensional constructs and neural correlates of CBT treatment outcome in anxiety disorders. Symposium presented at the Association for Behavior and Cognitive Therapies Annual Conference, Nashville, TN.

Brown, W., Bruce, S.E., **Buchholz, K.**, Yan, L., Durbin, A., & Sheline, Y.I. (2013, November). *Association of affectivity and neural activity in PTSD*. In S. E. Bruce (Chair), Dimensional constructs and neural correlates of CBT treatment outcome in anxiety disorders. Symposium presented at the Association for Behavior and Cognitive Therapies Annual Conference, Nashville, TN.

Bruce, S.E., **Buchholz, K.R.**, Brown, W.J., Yan, L., Durbin, A., & Sheline, Y.I. (2013, April). *Altered emotional interference processing in women with post-traumatic stress disorder*. Paper presentation at the annual meeting of Anxiety and Depression Association of America, San Diego, CA.

Bruce, S.E., Brown, W.J., **Buchholz, K.R.**, Fales, C., Durbin, A., Curl, T., & Sheline, Y.I. (2011, November). *CBT and its effects on neural correlates in women with PTSD*. In S. E. Bruce (Chair), CBT for anxiety disorders: Utilization of neuroimaging as a treatment outcome assessment tool. Symposium presented at the meeting of the Association for Behavior and Cognitive Therapies Annual Conference, Toronto, ON.

#### **SELECT POSTER PRESENTATIONS:**

**Buchholz, K.R.**, Lipson, S.K., Artime, T.M., Kern, A., & Eisenberg, D. (2017, November). *Mental Health Treatment Utilization and Informal Support in College Students Who Experienced a Sexual Assault*. Poster session presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, San Diego, CA.

**Buchholz, K.R.**, Bohnert, K.M., Pfeiffer, P.N., Ganoczy, D., & Sripada, R.K. (2017, November). *Reengagement in Psychotherapy after Initial Dropout among Veterans with PTSD*. Poster session presented at the annual meeting of the International Society for Traumatic Stress Studies, Chicago, IL.

**Buchholz, K.R.**, Bohnert, K.M., Sripada, R.K., Rauch, S.A.M., Epstein-Ngo, Q.M., & Chermack, S.T. (2016, October). *Associations between PTSD and intimate partner/nonpartner aggression among substance-using veterans*. Poster session presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, New York, NY.

**Buchholz, K.R.**, Bruce, S.E., Wojtalik, J.A., & Sheline, Y.I. (2014, November). *Neural correlates of global rumination as predictors of treatment outcome in women with PTSD*. Poster session presented at the annual meeting of the Association for Behavior and Cognitive Therapies, Philadelphia, PA.

Bruce, S.E., **Buchholz, K.R.**, Brown, N., Wojtalik, J.A., & Brown, W.J. (2014, November). *PTSD and the visual cortex in a sample of women victimized by interpersonal violence*. Poster session presented at the annual meeting of the Association for Behavior and Cognitive Therapies, Philadelphia, PA.

Hu, E., **Buchholz, K.R.**, Bruce, S.E. & Sheline, Y.I. (2013, November). *Brain structure*

*volume abnormalities in female interpersonal trauma survivors.* Poster session presented at the annual meeting of the International Society for Traumatic Stress Studies, Philadelphia, PA.

- Buchholz, K.R.**, Bruce, S.E., & Sheline, Y.I. (2013, April). *Rumination and low social coping as predictors of treatment dropout in individuals with PTSD.* Poster session presented at the annual meeting of the Anxiety and Depression Association of America, San Diego, CA.
- Bruce, S.E., **Buchholz, K.**, Brown, W., Yan, L., Durbin, A., & Sheline, Y.I. (2013, February). *Cognitive behavior therapy for PTSD in women victimized by interpersonal violence: Examination of the neural correlates of treatment outcome using fMRI.* Poster session presented at the International Neuropsychological Society Annual Conference, Waikoloa, HI.
- Buchholz, K.R.**, Bruce, S.E., Koucky, E.M., Brown, W.J., Durbin, A., & Sheline, Y.I. (2012, November). *The effects of cognitive processing therapy on rumination in individuals with PTSD.* Poster session presented at the annual meeting of the Association for Behavior and Cognitive Therapies, National Harbor, MD.
- Buchholz, K.R.**, Bruce, S.E., Koucky, E.M., Brown, W.J., Durbin, A., & Sheline, Y.I. (2012, November). *Ruminative thought styles in PTSD, major depression, and comorbid PTSD and major depression.* Poster session presented at the annual meeting of the Association for Behavior and Cognitive Therapies, National Harbor, MD.
- Brown, W.J., Bruce, S.E., **Buchholz, K.R.**, Fales, C., Yan, L., Durbin, A., & Sheline, Y.I. (2012, November). *An fMRI investigation of negative affectivity and emotional regulation in comorbid PTSD and major depressive disorder.* Poster session presented at the annual meeting of the Association for Behavior and Cognitive Therapies, National Harbor, MD.
- Buchholz, K.R.**, Bruce, S.E., Fales, C., Yan, L., Durbin, A., & Sheline, Y.I. (2011, November). *Attentional modulation of the amygdala and prefrontal cortex in response to threat across PTSD and major depressive disorder.* Poster session presented at the annual meeting of the Association for Behavior and Cognitive Therapies, Toronto, ON.
- Brown, W., Bruce, S.E., **Buchholz, K.R.**, Fales, C., Yan, L., Durbin, A., & Sheline, Y. (2011, November). *Association of negative affectivity and emotional regulation activation within the brain in comorbid posttraumatic stress disorder and major depressive disorder.* Poster session presented at the Association for Behavior and Cognitive Therapies Annual Conference, Toronto, ON.
- Bruce, S.E., Brown, W., **Buchholz, K.R.**, Fales, C., Durbin, A., Curl, T., & Sheline, Y.I. (2010, November). *Neuroimaging and PTSD treatment outcome in sexual assault victims.* Poster session presented at the annual meeting of the Association for Behavior and Cognitive Therapies, San Francisco, CA.

## COMMUNITY PRESENTATIONS:



**Buchholz, K.R.**, Lipson, S.K., Artime, T.M., Kern, A., & Eisenberg, D. (2016, September). Mental Health Service Utilization Among College Students Reporting a Sexual Assault. Webinar presentation for the Healthy Minds Network, Ann Arbor, MI.

**Buchholz, K.R.** & Hu, E. (2013, April). *The aftermath of sexual assault: Resources for survivors*. Presentation at the Survivor Series at University of Missouri – St. Louis, St. Louis, MO.

**Buchholz, K. R.** (2013, February). *Mental health awareness: School violence and personal recovery*. Presentation at the News at Noon series at University of Missouri – St. Louis, St. Louis, MO.

### **CLINICAL EXPERIENCE:**

10/17 – 6/18 Research Psychologist, VA Boston Healthcare System

- Provided evidenced-based psychotherapies (PE and CPT for PTSD) for veterans in the Women’s Stress Disorders Treatment Team.
- Provided clinical supervision coverage for postdoctoral trainees.

8/15 – 4/17 VA Advanced Psychology Postdoctoral Fellowship, VA Ann Arbor  
Clinical Work Supervised by Erin Smith, Ph.D.

- Provided evidenced-based psychotherapies (PE and CPT for PTSD, Behavioral Activation for depression, protocols for GAD and panic disorder) for veterans in the PTSD clinical team.

8/14 – 8/15 VA Ann Arbor Healthcare System Predoctoral Internship  
Clinical Work Supervised by Erin Smith, Ph.D., Jamie Winters, Ph.D., and Robert Spencer, Ph.D.

- Provided evidenced-based psychotherapies for veterans in the PTSD clinical team, Substance use disorders clinic, and mental health clinic.
- Conducted clinical and neuropsychological evaluations.

10/10 – 7/14 Center for Trauma Recovery, University of Missouri – St. Louis, MO  
Clinical Work Supervised by Steven E. Bruce, Ph.D.

- Conducted CPT and other cognitive-behavioral therapy for individuals with PTSD and comorbid Axis I and II disorders.
- Completed diagnostic assessments.

1/14 – 5/14 PTSD Clinical Team, St. Louis Veterans Administration Medical Center  
Clinical Work Supervised by Jessica Rusnack, Ph.D., David Klein, Ph.D.

- Co-led group psychotherapy for veterans with PTSD.

5/10 – 11/13 Community Psychological Service, University of Missouri – St. Louis, MO  
Clinical Intervention Work Supervised by Zoe Peterson, Ph.D., Ann Steffen, Ph.D., Deana Smith, Ph.D.

Psychological Assessment Work Supervised by Robert N. Harris, Ph.D., Deana Smith, Ph.D., Joshua Vinocour, Ph.D., and Steve Bourne, Ph.D.

- Conducted individual, child, and couples' psychotherapy using cognitive-behavioral, narrative, and interpersonal therapeutic approaches.
- Conducted comprehensive psychological assessments, including cognitive, academic, and objective/projective personality assessments of children, adolescents, and adult.

**PROFESSIONAL AFFILIATIONS AND SERVICE**

- 2017 – Present Young Professional Member of International Society for Traumatic Stress Studies
- 2012 – 2018 Student Member of Anxiety and Depression Association of America
- 2010 – Present Student/Young Professional Member of Association for Behavior and Cognitive Therapies
- 2012 – 2013 Clinical Psychology Student Representative, UM-Saint Louis
- 2010 – 2011 APA Student Campus Representative, UM-Saint Louis
- 2002 – 2010 Member of the Eastern Region Chapter of NADT
- 2003 – 2005 Treasurer of Eastern Region Chapter of NADT
- 2003 Conference Planning Committee Member of Eastern Region Chapter of NADT