# Curriculum Vitae

**Anjana Muralidharan, Ph.D.**

*Psychologist Clinician Investigator*

Veterans Affairs Capitol Healthcare Network (VISN 5)

Mental Illness Research, Education, and Clinical Center (MIRECC)

*Adjunct Assistant Professor*

University of Maryland School of Medicine

Department of Psychiatry

*Affiliate*

University of Maryland Center for Research on Aging

**Date:** May 11, 2020

## Contact Information:

Mailing Address: VISN 5 MIRECC
Baltimore Veterans Affairs (VA) Medical Center
Attn: MIRECC (Annex Bldg.)
10 N. Greene St.
Baltimore, MD 21201

Office Phone: 410-637-1872

E-mail Address: anjana.muralidharan2@va.gov

Research Expertise: Aging and holistic recovery from serious mental illness (SMI)

Social/peer support and recovery in SMI

## Education:

2013 Ph.D., Clinical Psychology, Emory University

2009 M.A., Clinical Psychology, Emory University

2005 B.A., Behavioral Biology, Johns Hopkins University

## Post Graduate Education and Training:

2013-2016 VA Advanced Fellowship Program in Mental Illness Research and Treatment, VISN 5 MIRECC

2012-2013 Boston Consortium in Clinical Psychology Internship Program

 Specialization: SMI, Inpatient Mental Health and Therapeutic Recovery

VA Boston Healthcare System

**Licensure:**

Active Licensed Psychologist, State of Maryland │Board of Examiners of Psychologists

## Positions:

2016-present Psychologist Clinician Investigator

 Assistant Director, Clinical Core

VISN 5 MIRECC

2017-present Adjunct Assistant Professor

University of Maryland School of Medicine, Department of Psychiatry

2018-present Affiliate

University of Maryland Center for Research on Aging

2017 National Trainer/Consultant, Social Skills Training Program, VISN 5 MIRECC

## Professional Society Memberships:

2019-present General member, Society for Behavioral Medicine

 Special Interest Group: Aging

2016-present General member, Gerontological Society of America

2014-2017 General member, American Psychological Association

 Division 18: Psychologists in Public Service, SMI/Severe Emotional Disturbance

2012-2016 General member, Association for Behavioral and Cognitive Therapies

## Honors and Awards:

2018 Travel Award

 National Institute on Aging, Research Centers Collaborative Network, “Achieving and Sustaining Behavior Change in Older Adults” Workshop

2018 Travel Scholarship

 Claude D. Pepper Older Americans Independence Center, University of Texas Medical Branch, Team Leadership Training Program

2014 Elsie Ramos Memorial First Author Poster Presenter Award

Association for Behavioral and Cognitive Therapies

2012 Jay Knopf Award for Outstanding Presentation in Psychology

Emory University

2011 Alfred B. Heilbrun Award for Research Publication in Psychology

Emory University

2007-2012 George W. Woodruff Fellowship

 Emory University

2005 Curt P. Richter Award for Behavioral Biology Research

 Johns Hopkins University

## Administrative Service:

**Local Service:**

2017-2018 Committee member, Whole Health in Mental Healthcare Workshop Planning Workgroup, VISN 5 MIRECC

2017 Panelist, VA Funding Seminar, University of Maryland School of Medicine Research Career Development Program

2016-present Committee member, VISN 5 MIRECC Advanced Fellowship Program in Mental Illness Research and Treatment

2016-2017 Committee member, Mindfulness Workshop Planning Workgroup, VISN 5 MIRECC

2015-2018 Committee member, Family Initiatives Workgroup, VA Maryland Healthcare

System (VAMHCS)

2014-present Intern applicant rater/interviewer

VAMHCS/University of Maryland Baltimore Psychology Internship Consortium

2014 Committee member, Mental Health Awareness Month, VAMHCS

**National Service:**

2019-present Workgroup leader, SMI in Community Living Centers Behavior Management Workgroup

2017-2018 Committee member, VA SMI in Community Living Centers Survey Workgroup

2020-present Ad Hoc Reviewer, *Preventive Medicine Reports*

2020-present Ad Hoc Reviewer, *BMJ Open*

2019-present Ad Hoc Reviewer, *Journal of Clinical Psychology*

2019-present Ad Hoc Reviewer, *BMC Psychiatry*

2018-present Ad Hoc Reviewer, *Rural and Remote Health*

2017-present Ad Hoc Reviewer, *Schizophrenia Research*

2016-present Ad Hoc Reviewer, *Psychological Services*

2016-present Ad Hoc Reviewer, *American Journal of Geriatric Psychiatry*

2015-present Ad Hoc Reviewer, *Psychiatry Research*

## Grant Support:

**Active Grants:**

3/1/20-2/29/24 Implementing the Behavioral Activities Intervention (BE-ACTIV) to Reduce Depression among Veterans in Community Living Centers

 VA Health Services Research and Development Merit Review Award

(I01 HX002775)

Co-Investigator

Total Direct Costs: $1,194,473

7/1/18-6/30/20 Mobility Function as a Predictor of Community Function Among Older

Adults with Psychotic Disorders

University of Maryland Claude D. Pepper Older Americans

Independence Center (UM-OAIC) Pilot Award

Principal Investigator (0%)

Total Direct Costs: $25,000

6/1/17-5/31/22 Peer Support for Exercise in Older Veterans with Psychotic Disorders

 Veterans Affairs Rehabilitation Research and Development Career

Development Award (RR&D CDA-2)

Principal Investigator (75% for 5 years)

Total Direct Costs: $772,695

**Completed Grants:**

2/2/16-8/2/16 Mobility Function in Older Veterans with Psychotic Disorders

VISN 5 MIRECC Pilot Study Program

 Principal Investigator (0%)

Total Direct Costs: $6,966

7/1/14-2/28/16Using the Cultural Formulation Interview (CFI) with Veterans with

Psychotic Disorders and Their Family Members: A Feasibility

Demonstration

VISN 5 MIRECC Pilot Study Program

Principal Investigator (0%)

Total Direct Costs: $29,051

2/1/14-9/30/14 Family Engagement in Veterans’ Mental Health Treatment – Development

of a Shared Decision Making Instrument

Veterans Affairs Mental Health QUERI – Recovery Workgroup

Principal Investigator (0%)

Total Direct Costs: $5,000

## Teaching Service:

**Presentations to Clinical Staff:**

2020 Invited speaker

 VAMHCS Employee Assistance Program Wellness Offerings

Presentation title: *Cultivating Self-Compassion and Loving-Kindness During Difficult Times*. 12 VA employees, 60 minutes.

2019 Invited speaker

VISN 5 MIRECC Annual Webinar Series for Peer Specialists and Peer Supervisors

Presentation title: *Peer Support Around Family Matters.* 95 VA clinicians and/or Peer Specialists, 90 minutes.

2018 Workshop presenter

 Baltimore, Perry Point, DC VA Medical Centers

 VISN 5 MIRECC Whole Health in Mental Health Care Workshop

Presentation title: *Integrating Physical Activity and Movement into Mental Health Treatment for Older Veterans*. 110 VA clinicians and/or Peer Specialists, 90 minutes.

2018 Invited Speaker

 Baltimore VA Geriatric Research Education and Clinical Center (GRECC)

 Exercise Physiologist Staff Meeting

Presentation title: *Working with Veterans with Serious Mental Illness.* 20 exercise physiologists, 30 minutes.

2016 Invited Speaker

 Perry Point VA Psychosocial Rehabilitation and Recovery Center Staff Meeting

Presentation title: *The Shared Decision-Making for Family Involvement in Treatment (SDM-FIT) Protocol*. 10 clinical staff members, 45 minutes.

2016 Invited Speaker

 VAMHCS Mental Health All-Staff Meeting, Recovery Spotlight

Presentation title: *The Shared Decision-Making for Family Involvement in Treatment (SDM-FIT) Protocol*. 50-60 clinical staff members, 15 minutes.

2015 Invited Speaker

 VA National Family Research Call

Presentation title: *Using Shared Decision-Making to Facilitate Family Involvement in Mental Health Treatment: Clinician Views.* 20-30 clinical staff members; 1 contact hour.

2015 Invited Speaker

 VAMHCS Mental Health Diversity Committee

 Presentation title: *An Introduction to the Cultural Formulation Interview.* 15-20

 clinical staff members; 2 contact hours.

**Intern, Resident, and Fellow Teaching:**

2018-present Research Mentor

VISN 5 MIRECC Advanced Fellowship Program in Mental Illness Research and Treatment

Mentoring post-doctoral fellow regarding professional development and development of grant ideas. 1 fellow, 4 contact hours/month.

2017-present Invited Speaker

 VAMHCS/University of Maryland Baltimore Psychology Internship Consortium

Professional development seminar. 3-5 interns, 2 contact hours/year.

2016-present Invited Speaker

 VAMHCS/University of Maryland Baltimore Psychology Internship Consortium

Presentation title: *Involving the Family in the Treatment of SMI*. 3-5 interns, 2 contact hours/year

2016-present Invited Speaker

 VAMHCS/University of Maryland Baltimore Psychology Internship Consortium

Annual presentation entitled *An Introduction to the Cultural Formulation Interview*. 19 interns, 2 contact hours/year.

2017 Invited Speaker

 VA Interprofessional Fellowship Program in Psychosocial Rehabilitation

Presentation title: *An Introduction to the Cultural Formulation Interview*. 1.5 contact hours.

2016-2017 Research Mentor

 VAMHCS/University of Maryland Baltimore Psychology Internship Consortium

 Working with psychology intern on data analyses in support of co-authored

 manuscripts/presentations. 1 intern, 4 contact hours/month.

2016 SST Trainer

 SST Workshop for Trainees

 Co-facilitation of an interactive didactic workshop on SST for psychology

 trainees. 7-10 trainees, 8 contact hours.

2015 Invited Speaker

 University of Maryland/Sheppard Pratt Residency Program

 Presentation title: *Involving the Family in the Treatment of SMI.* 6 residents, 2

 contact hours.

2014-2016 Co-Director, SMI Seminar Series

 VAMHCS/University of Maryland Baltimore Psychology Internship Consortium

 Planned and implemented a monthly didactic seminar for SMI track interns. 3

 interns, 2 contact hours/month.

2014-2015 Research Mentor

 VAMHCS/University of Maryland Baltimore Psychology Internship Consortium

 Worked with psychology intern on literature review in support of a co-authored

 manuscript. 1 intern, 2 contact hours/month.

**Undergraduate Teaching:**

2011 Teaching Assistant/Guest Lecturer

 Introductory-level undergraduate class *(Cognition)*

 Emory University, Department of Psychology, Atlanta, GA

2010-2011 Undergraduate Mentor

 Emory Student Government Association Mentoring Program

 Emory University, Atlanta, GA

2009 Teaching Associate

 Advanced-level undergraduate class *(Research Methods in Psychology)*

 Emory University, Department of Psychology, Atlanta, GA

2009 Teaching Assistant

 Introductory level undergraduate class *(Applied Statistics for Psychology)*

Emory University, Department of Psychology, Atlanta, GA

**Clinical Activities:**

**Clinical Expertise:** Evidence-based treatments (EBT’s) for adults with SMI and severe emotional disturbance, delivered within a multidisciplinary psychiatric rehabilitation and recovery model. Includes psychoeducation, skills training, and cognitive-behavioral approaches in individual, family, and group-based formats.

**Proficient in the following EBT’s:**

Cognitive-Behavioral Therapy (CBT) for mood/anxiety disorders and psychosis

Dialectical Behavior Therapy (DBT) for severe emotion dysregulation

Cognitive Processing Therapy (CPT) for post-traumatic stress disorder (PTSD)

Social Skills Training (SST) for SMI – VA certified as of June 2016

Behavioral Family Therapy (BFT) for SMI – VA certified as of August 2015

**Clinical experience:**

2016 SST trainee

VA Maryland Healthcare System, Baltimore, MD

SST groups with Veterans with SMI with intensive consultation from the VA SST Clinician Training Program. 1 contact hr/wk.

2014-2017 Interventionist

VISN 5 MIRECC, Baltimore, MD

 Multifamily group-based skills training for Veterans with mild traumatic brain

injury / post-deployment stress and their partners delivered as part of a

randomized clinical trial. 1 contact hr/wk.

2014-2015 BFT trainee

VA Maryland Healthcare System, Baltimore, MD

 BFT with Veterans with SMI and their family members with intensive

consultation from the VA BFT Clinician Training Program. 1 contact hr/wk.

2013-2014 Interventionist

VISN 5 MIRECC, Baltimore, MD

Group-based skills training for Veterans with SMI delivered as part of a randomized clinical trial. 1 contact hr/wk.

2012-2013 Psychology intern

VA Boston Healthcare System, Boston, MA

Individual and group therapy and psychodiagnostic / personality assessment

with Veterans with SMI, PTSD, and post-deployment stress across the continuum

of care (inpatient, intensive outpatient, and outpatient). 20-30 contact hrs/wk.

2011 Practicum student

Skyland Trail, Atlanta, GA

Individual and group therapy with adults with severe mood and anxiety disorders

in a residential / intensive outpatient setting. 8 contact hrs/wk.

2009-2012 Practicum student

Child and Adolescent Mood Program, Atlanta, GA.

Outpatient individual and group therapy, complex psychodiagnostic assessment,

and intensive DBT with adolescents / young adults with severe emotion

dysregulation. 10 contact hrs/wk.

2009 Practicum student

Grady NIA Project, Grady Hospital, Atlanta, GA

Outpatient individual and group therapy and diagnostic assessment with African-American female survivors of interpersonal violence / sexual assault. 4 contact hrs/wk.

2008-2011 Practicum student

Emory Psychological Center, Atlanta, GA

Outpatient individual, couples, and family therapy and psychoeducational assessment with children, adolescents, and adults. 10 contact hrs/wk.

## Publications:

**Peer-reviewed publications:**

1. Fortuna, K.L., **Muralidharan, A.**, Goldstein, C., Glass, H., Venegas, M. Brooks, J. (*in press*). Certified Peer Specialists’ Perspective of the Barriers and Facilitators to Mobile Health Engagement. *Journal of Technology in Behavioral Science.*
2. Fortuna, K.L., Naslund, J.A., LaCroix, J.M., Bianco, C.L., Brooks, J.M., Zisman-Ilani, Y., **Muralidharan, A.,** Deegan, P. (*in press*). Systematic Review of Peer-Supported Digital Mental Health Interventions for People with a Lived Experience of a Serious Mental Illness. *JMIR: Mental Health.*
3. **Muralidharan, A.,** Finch, A., Bowie, C.R., Harvey, P.D. (2019). Older Versus Middle-Aged Adults with Schizophrenia: Executive Functioning and Community Outcomes. *Schizophrenia Research.* [Epub ahead of print]. <https://doi.org/10.1016/j.schres.2019.11.001>
4. **Muralidharan, A**., Brown, C.H., Zhang, Y., Niv, N., Cohen, A.N., Kreyenbuhl, J., Oberman, R.S., Goldberg, R.W., Young, A.S. (2019). Quality of Life Outcomes of Web-Based and In-Person Weight Management for Adults with Serious Mental Illness. *Journal of Behavioral Medicine.* [Epub ahead of print]. doi:10.1007/s10865-019-00117-1
5. Hack, S.M., **Muralidharan, A.**, Brown, C.H., Drapalski, A.L., Lucksted, A.A. (2019*)*. Stigma and Discrimination as Correlates of Mental Health Treatment Participation among Adults with Serious Mental Illness. *Psychiatric Rehabilitation Journal.* [Epub ahead of print]. doi: 10.1037/prj0000385
6. Fortuna, K.L., Ferron, J., Pratt, S.I., **Muralidharan, A.**, Williams, A.M., Aschbrenner, K.A., Deegan, P.E., Salzer, S. (2019*).* Unmet needs of people with serious mental illness: Perspectives from certified peer specialists. *Psychiatric Quarterly*, 90(3), 579-586.
7. Phalen, P., **Muralidharan, A.**, Travaglini, L., Bennett, M., Stahl, N., Brown, C.H., Hack, S.M., Klingaman, E.A., Goldberg, R.W. (2019). Predictors of Attendance in Health and Wellness Treatment Groups for People with Serious Mental Illness. *Psychiatric Rehabilitation Journal.* [Epub ahead of print]. doi: 10.1037/prj0000376.
8. Jahn, D.R., Leith, J., **Muralidharan, A.**, Brown, C.H., Drapalski, A.L., Hack, S., Lucksted, A. (2019). The influence of experiences of stigma on recovery: mediating roles of internalized stigma, self-esteem, and self-efficacy. *Psychiatric Rehabilitation Journal.* [Epub ahead of print]. [http://dx.doi.org/10.1037/prj0000377](https://psycnet.apa.org/doi/10.1037/prj0000377)
9. **Muralidharan, A.**, Mills, W., Evans, D., Fujii, D, Molinari, V. (2019). Preparing Long-Term Care Staff to Meet the Needs of Aging Persons with Serious Mental Illness. *Journal of the American Medical Directors Association*, 20(6), 683-688.
10. **Muralidharan, A.**, Brown, C.H., Peer, J., Klingaman, E., Hack, S., Li, L., Walsh, M.B., Goldberg, R.W. (2019*)*. Living Well: An Intervention to Improve Medical Illness Self-Management for Individuals with Serious Mental Illness. *Psychiatric Services*, 70(1), 19-25.
11. **Muralidharan, A.**, Harvey, P.D., Bowie, C.R. (2018). Associations of Age and Gender with Negative Symptom Factors and Functioning Among Middle-Aged and Older Adults with Schizophrenia. *American Journal of Geriatric Psychiatry*, 26(12), 1215-1219.
12. **Muralidharan, A.**, Niv, N., Brown, C.H., Olmos-Ochoa, T.T., Fang, L.J., Cohen, A.N., Kreyenbuhl, J., Oberman, R., Goldberg, R.W., Young, A.S. (2018). Impact of Online Weight Management with Peer Coaching on Physical Activity Levels of Adults with Serious Mental Illness. *Psychiatric Services,* 69(10), 1062-1068.
13. **Muralidharan, A.**, Klingaman, E., Molinari, V., Goldberg, R. (2018). Perceived Barriers to Physical Activity in Older and Younger Veterans with Serious Mental Illness. *Psychiatric Rehabilitation Journal*, 41(1), 67-71. DOI: 10.1037/prj0000245.
14. Jahn, D., **Muralidharan, A.**, Drapalski, A., Brown, C., Fang, L.J., Lucksted, A. (2018). Differences in Suicide and Death Ideation Among Veterans and Non-Veterans with Serious Mental Illness. *Psychological Services,* 15(1), 31-39.[DOI: 10.1037/ser0000127](http://psycnet.apa.org/doi/10.1037/ser0000127).
15. **Muralidharan, A.**, Finch, A., Bowie, C.R., Harvey, P.D. (2017*).* Thought, Language, and Communication Deficits and Association with Everyday Functional Outcomes Among Community-Dwelling Middle-Aged and Older Adults with Schizophrenia. *Schizophrenia Research*. <https://doi.org/10.1016/j.schres.2017.07.017>
16. Hack, S.M., **Muralidharan, A.**, Brown, C.H., Lucksted, A.A., Patterson, J. (2017) Provider and Consumer Behaviors and Their Interaction for Measuring Person-Centered Care. *Int J Person Centered Medicine*, 7(1), 14-20.

1. **Muralidharan, A.**, Schaffner, R., Hack, S., Jahn, D., Peeples, A., Lucksted, A. (2017*)*. “I got to voice what’s in my heart”: Participation in the Cultural Formulation Interview – Perspectives of Consumers with Psychotic Disorders. *Journal of Psychosocial Rehabilitation and Mental Health,* 4(1), 35-43. DOI:10.1007/s40737-017-0076-y.
2. **Muralidharan, A.**, Klingaman, E., Prior, S., Molinari, V., Goldberg, R. (2016). Medical and Psychosocial Barriers to Weight Management in Older Veterans with and without Serious Mental Illness. *Psychological Services,* 13(4), 419-427. doi: [10.1037/ser0000088](http://dx.doi.org/10.1037/ser0000088).
3. Thomas, E., **Muralidharan, A.**, Medoff, D., Drapalski, A. (2016). Self-Efficacy as a Mediator of the Relationship between Social Support and Recovery in Serious Mental Illness. *Psychiatric Rehabilitation Journal*, 39(4), 352-360. [doi: 10.1037/prj0000199](http://dx.doi.org/10.1037/prj0000199)
4. **Muralidharan, A.,** Austern, D., Hack, S., & Vogt, D. (2016). Deployment Experiences, Social Support, and Post-Deployment Mental Health: A Comparison of Black, White, and Hispanic American Veterans Deployed to Iraq and Afghanistan. *Journal of Traumatic Stress*, 29(3), 273-278. doi: 10.1002/jts.22104.
5. Toohey, M., **Muralidharan, A.**, Lucksted, A. Dixon, L. (2016) Caregiver Positive and Negative Appraisals: Effects of the National Alliance on Mental Illness Family-to-Family Intervention. *Journal of Nervous and Mental Disease*, 204(2), 156-159.
6. **Muralidharan, A.**, Kotwicki, R., Cowperthwait, C., Craighead, W.E. (2015). Parental Relationships and Behavioral Approach System Dysregulation in Young Adults with Bipolar Disorder. *Journal of Clinical Psychology*, 71(4), 387-401.
7. **Muralidharan, A.,** Lucksted, A., Medoff, D., Fang, L.J., Dixon, L. (2014) Stigma: A Unique Source of Distress for Family Members of Individuals with Mental Illness. *Journal of Behavioral Health Services & Research*. Online publication. doi: 10.1007/s11414-014-9437
8. Saricicek, A., Esterlis, I., Maloney, K.H., Mineur, Y.S., Ruf, B.M., **Muralidharan, A.**, Chen, J.I., Cosgrove, K.P., Kerestes, R., Ghose, S., Tamming, C.A., Pittman, B., Bois, F., Tamagnan, G., Seibyl, J., Picciotto, M.R., Staley, J., & Bhagwagar, Z. (2012). Persistent β2\*-Nicotinic Acetylcholinergic Receptor Dysfunction in Major Depressive Disorder. *American Journal of Psychiatry*, 169(8), 851-9.
9. Lowthert, L., Leffert, J., Lin, A., Umlauf, S., Maloney, K., **Muralidharan, A.**, Lorberg, B., Mane, S., Zhao, H., Sinha, R., Bhagwagar, Z., & Beech, R. (2012). Increased ratio of anti-apoptotic to pro-apoptotic Bcl2 gene-family members in lithium-responders one month after treatment initiation. *Biology of Mood & Anxiety Disorders*, 2(1), 15.
10. **Muralidharan, A.**, Sheets, E., Madsen, J., Craighead, L., & Craighead, W.E. (2011). Interpersonal Competence Across Domains: Relevance to Personality Pathology. *Journal of Personality Disorders*, 25(1), 16-27.
11. Saricicek, A., Maloney, K., Lorberg, B., **Muralidharan, A.**, Ruf, B., Hu, J., Pittman, B., & Bhagwagar, Z. (2011). Levetiracetam in the Management of Bipolar Depression: A Randomized, Double-Blind, Placebo Controlled Trial. *Journal of Clinical Psychiatry*, 72(6), 744-50.
12. **Muralidharan, A.**, Yoo, D.J., Ritschel, L.A., Simeonova, D.I., & Craighead, W.E. (2010). Development of emotion regulation in children of bipolar parents: Putative contributions of socioemotional and familial risk factors. *Clinical Psychology: Science and Practice*, 17(3), 169-186.
13. Beech, R.D., Lowthert, L., Leffert, J.J., Mason, P.N., Taylor, M.M., Umlauf, S., Lin, A., Lee, J.Y., Maloney, K., **Muralidharan, A.**, Lorberg, B., Zhao, H., Newton, S.S., Mane, S., Epperson, C.N., Sinha, R., Blumberg, H., & Bhagwagar, Z. (2010). Increased peripheral blood expression of electron transport chain genes in bipolar depression. *Bipolar Disorders*, 12(8), 813-24.
14. **Muralidharan, A.**, & Bhagwagar, Z. (2006). Potential of levetiracetam in mood disorders: A preliminary review. *CNS Drugs,* 20(12), 969-79.

**Book chapters:**

1. Bennett, M.E., Peer, J., & **Muralidharan, A.** (2018). The problem of dual diagnosis. In M. Hersen, S. Turner, and D. Beidel (Eds). *Adult Psychopathology and Diagnosis, Eighth Edition*. NY: John Wiley and Sons.
2. Harvey, P.D. & **Muralidharan, A.** (2017). Schizophrenia and Related Conditions in Late Life*.* In *Reference Module in Neuroscience and Biobehavioral Psychology*. Elsevier, Inc.
3. **Muralidharan, A.**, Miklowitz, D., Craighead, W.E. (2015). Psychosocial Treatments for Bipolar Disorder. In P.E. Nathan & J.M. Gorman (Eds.), *A Guide To Treatments that Work* (pp. 307-326). New York, NY: Oxford University Press.

**Other brief communications:**

1. **Muralidharan A.**, Harvey P.D. (2019) Schizophrenia in Older Adults. In: Gu D., Dupre M. (eds) Encyclopedia of Gerontology and Population Aging. Springer, Cham
2. **Muralidharan, A.**, Peeples, A., Lucksted, A., Goldberg, R. (2017). Defining

"Peerness" in Peer-Delivered Health and Wellness Interventions for Serious Mental Illness. *Psychiatric Rehabilitation Journal*, 40(1), 116. doi: 10.1037/prj0000249.

1. Craighead, W.E., & **Muralidharan, A.** (2013). Commentary on Psychiatric Treatment of Bipolar Disorder. In W. O’Donohue & S.O. Lilienfeld (Eds.), *Case Studies in Clinical Psychological Science*. New York, NY: Oxford University Press.
2. Craighead, W.E., **Muralidharan, A.**, & Yoo, D.J. (2011). Bipolar disorder and the family. In M. Craft-Rosenberg & S-R Pehler (Eds.), *Encyclopedia of Family Health*. Thousand Oaks, CA: Sage.
3. **Muralidharan, A.** (2010). Neuroimaging in Pediatric Bipolar Disorder. [In] I. Weiner and W.E. Craighead (Eds.), *Corsini Encyclopedia of Psychology (4th Edition).* Hoboken, NJ: John Wiley and Sons.

## Published abstracts (select):

1. Harvey, P.D., & **Muralidharan, A.** (2018). Cognition and Communication as Determinants of Adaptive Deficits in Late Life Schizophrenia. *Schizophrenia Bulletin*, 44(Suppl 1), S40. <http://doi.org/10.1093/schbul/sby014.099>
2. **Muralidharan, A.** & Harvey, P.D. (2018). Age Moderates Gender Differences in Negative Symptoms among Middle-Aged and Older Adults with Schizophrenia. *American Journal of Geriatric Psychiatry*, 26(3): S83-S84.
3. **Muralidharan, A.,** Addison, O., Prior, S.J., Serra, M.C., Giffuni, J., Paden, L., Katzel, L. (2018). Mental Illness Exacerbates Mobility Function among Older Male Veterans. *American Journal of Geriatric Psychiatry,* 26(3): S82-S83.
4. Rajji, T., **Muralidharan, A.**, Leutwyler, H., Kasckow, J. (2017). Advances in Late-Life Schizophrenia: A Focus on Functional and Physical Abilities. *American Journal of Geriatric Psychiatry*, 25(3): S13.

## Conference Presentations:

**Oral presentations:**

1. **Muralidharan, A.**, Brown, C.H., Zhang, Y., Niv, N., Cohen, A.N., Kreyenbuhl, J., Oberman, R.S., Goldberg, R.W., Young, A.S. (2019, March). Effectiveness of Web-Based and In-Person Weight Management for Adults with Serious Mental Illness: Quality of Life Outcomes. *In Paper Session 19: Innovations in Mental Health.* Presented at Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, Washington, D.C.
2. **Muralidharan, A.**, Mills, W., Evans, D., Fujii, D., Molinari, V. (2019, March 3). Staff Training Need Regarding Older Adults with Serious Mental Illness in Residential Long-Term Care Settings. In *Oral Presentation 1: Geriatric Mental Health Workforce and Policy.* Presented at the American Academy for Geriatric Psychiatry, Atlanta, GA.
3. **Muralidharan, A.**, Havrilla, S., Schneider, R.G., Lucksted, A., Goldberg, R. (2018, November). Peer Coaching to Promote Supervised Fitness Training for Older Veterans with Psychotic Disorders. In **A. Muralidharan** (Chair), *Interest Group Session – Mental*

*Health Practice and Aging: Holistic Recovery from Mental Illness for Older Veterans.* Presented at the Gerontological Society of America conference, Boston, MA.

1. **Muralidharan, A.**, Price, V., Goldberg, R. (2017, August). Using Peers to Improve Self-Management of Medical Illnesses for Persons with Serious Mental Illness. In L. Richardson (Chair), *Innovative Interventions with Persons Experiencing Serious Mental Illness and Medical Conditions.* Presented at the American Psychological Association conference, Washington, D.C.
2. **Muralidharan, A.** & Lucksted, A. (2017, August). How Do Stigma Experiences Impact Recovery? A Serial Mediation Model. In A. Lucksted (Chair), *From Theory to Intervention and Back – Reducing the Negative Impacts of Mental Illness Stigma*. Presented at the American Psychological Association conference, Washington, D.C.
3. **Muralidharan, A.**, Prior, S.J., Goldberg, R.W. (2017, March). Assessment of Mobility Function in Older Adults with Psychotic Disorders. In T. Rajji (Chair), *Advances in Late-Life Schizophrenia: A Focus on Functional and Physical Abilities*. Presented at the American Academy for Geriatric Psychiatry, Dallas, TX.
4. **Muralidharan, A.** & Klingaman, E. (2016, November 20). Barriers to Weight Management in Older Veterans with Serious Mental Illness. In **A. Muralidharan** (Chair), *Addressing the Unique Needs of Older Adults with Serious Mental Illness.* Presented at the Gerontological Society of America conference, New Orleans, LA.
5. **Muralidharan, A.** (2015, February 19). Adaptation, Implementation, and Adoption; Next Steps for the Ending Self-Stigma Intervention. In A. Drapalski (Chair), *Ending Self-Stigma: A Skills Building Approach to Reducing the Impact of Self-Stigma.* Presented at the 7th International Together Against Stigma: Each Mind Matters conference, San Francisco, CA.
6. **Muralidharan, A.** (2014, August 9). Implementation, Sustainability, and Fidelity Among Early Adopters of the Free, Manualized, Ending Self-Stigma Intervention. In A. Lucksted (Chair), *Internalized Stigma Regarding Mental Illness: Multiple Approaches.* Symposium presented at the annual meeting of the American Psychological Association, Washington, D.C.
7. **Muralidharan, A.**, Kotwicki, R., Cowperthwait, C., & Craighead, W.E. (2012, April 27). Expressed Emotion and Behavioral Activation System Dysregulation in Bipolar Disorder. Presented at the Clinical Psychology Departmental “Research Day,” Emory University, Atlanta, GA.
8. **Muralidharan, A.**, Anderson-Zose, A., Kilts, C., & Craighead, W.E. (2011, Sept 1). Diagnostic Assessment of At-Risk Children of Depressed Mothers, Aged 4-6. In *Clinical Assessment and fMRI in Pediatric Populations.* Presented at the annual meeting of the European Association of Behavioral and Cognitive Therapies, Reykjavik, Iceland.

**Poster presentations:**

1. **Muralidharan, A.**, Peeples, A.D., Lucksted, A., Goldberg, R.W. (2020, April). Processes of Health Behavior Change Among Aging Adults with Serious Mental Illness. Presented virtually at the Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, San Francisco, CA.
2. **Muralidharan, A.,** Brown, C.H., Goldberg, R.W. (2019, November). Predictors of Health-Related Quality of Life and Recovery Among Older Adults with Serious Mental Illness. Presented at the Gerontological Society of America Annual Meeting, Austin, TX.
3. **Muralidharan, A.,** Addison, O., Prior, S.J., Serra, M.C., Giffuni, J., Paden, L., Katzel, L. (2019, March). Mobility Function Among Older Male Veterans: The Impact of Mental Illness. Presented at the University of Maryland Center for Research on Aging Symposium, Baltimore, MD.
4. **Muralidharan, A.** & Harvey, P.D. (2018, March). Age Moderates Gender Differences in Negative Symptoms Among Middle-Aged and Older Adults with Schizophrenia. Presented at the American Academy for Geriatric Psychiatry, Honolulu, HI.
5. **Muralidharan, A.,** Addison, O., Prior, S.J., Serra, M.C., Giffuni, J., Paden, L., Katzel, L. (2018, March). Mental Illness Exacerbates Mobility Dysfunction Among Older Male Veterans. Presented at the American Academy for Geriatric Psychiatry, Honolulu, HI.
6. **Muralidharan, A.**, Brown, C., Kreyenbuhl, J., Goldberg, R., Oberman, R., Cohen, A.N., Niv, N., Young, A.S. (2017, July). Impact of In-Person and Online Delivered Weight Management Interventions on Physical Activity Levels for Veterans with Serious Mental Illness. Presented at 2017 HSR&D/QUERI National Conference, Arlington, VA.
7. **Muralidharan, A.**, Cowperthwait, C., Kotwicki, R., & Craighead, W.E. (2014, November 21). Goal-Directed Processing With Emotional Distracters in Recently Stabilized Young Adults With Bipolar Disorder. Presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, Philadelphia, PA.
8. **Muralidharan, A.**, Lucksted, A., Medoff, D., Fang, L.J., Dixon, L. (2014, May 1). Stigma: A Unique Source of Distress for Family Members of Individuals with Serious Mental Illness. Presented at the Department of Psychiatry Annual Research Day, University of Maryland School of Medicine, Baltimore, MD.

1. **Muralidharan, A.**, Vogt, D. (2013, November 22). Impact of Ethnic Minority Status on Risk for Post-Traumatic Stress Disorder in a National Sample of Male and Female Veterans. Presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, Nashville, TN.
2. Cowperthwait, C., **Muralidharan, A.**, Kotwicki, R., Craighead, W.E. (2013, November 22). Differential Patterns of Association Between the Behavioral Approach System and an Emotion Regulation Task in Patients Diagnosed with Bipolar Disorder and Healthy Controls. Presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, Nashville, TN.
3. **Muralidharan, A.**,Sheets, E., Madsen, J., Craighead, L., & Craighead, W.E. (2010, August). Interpersonal Competence Across Domains: Relevance to Personality Pathology. Presented at the annual meeting of the American Psychological Association, San Diego, CA.
4. Anderson, A., **Muralidharan, A.**, Ousley, O., Ely, T., & Kilts, C. (2009, April). Effect of Prenatal Maternal Depression on Offspring Neurodevelopment. Presented at the Wisconsin Symposium on Emotion, Madison, WI.
5. Bhagwagar, Z., Esterlis, I., Saricicek, A., Ruf, B., **Muralidharan, A.**, Lorberg, B., Maloney, K., Hu, J., Sanacora, G., Bois, F., Tamagnan, G., Seibyl, J., & Staley, J. (2008, December). Nicotinic Receptor Dysfunction in Major Depressive Disorder: A Trait Vulnerability Marker of Depression. Presented at the annual meeting of the American College of Neuropsychopharmacology, Scottsdale, AZ.
6. Saricicek, A., Maloney, K., Lorberg, B., **Muralidharan, A.**, Ruf, B., Pittman, B., Hu, J., & Bhagwagar, Z. (2008, May). Comorbid Anxiety as a Marker of Burden of Illness in Bipolar Disorder. Presented at the annual meeting of the Society of Biological Psychiatry, Washington, D.C.
7. Maloney, K., Saricicek, A., Lorberg, B., **Muralidharan, A.**, Ruf, B., Hu, J., Pittman, B., & Bhagwagar, Z. (2008, May). Body Mass Index as an Indicator of Burden of Illness in Bipolar Disorder. Presented at the annual meeting of the Society of Biological Psychiatry, Washington, D.C.
8. Beech, R.D., Leffert,J.L., Taylor,M.M., Westman,S.S., Lin,A., Lee,J.Y., **Muralidharan,A.**, Lorberg,B., Zhao,H., Newton,S.S., Mane,S., Epperson,C.N., Blumberg,H., & Bhagwagar, Z. (2008, May). Differences in Peripheral Blood Gene-Expression as Predictors of Response to Treatment with Lithium in Subjects with Bipolar Depression. Presented at the annual meeting of the Society of Biological Psychiatry, Washington, D.C.
9. **Muralidharan, A.**, & Bhagwagar, Z. (2006, October). A Systematic Review of Treatment Algorithms for Bipolar Depression. Presented at the annual meeting of the Society for Neuroscience, Atlanta, GA.
10. Galarce, E.M., Sutton, J.M., **Muralidharan, A.**, Holland, P.C., & Crombag, H.S. (2005, November). Effects of Dopamine Receptor Manipulations on Stimulus-Reward Learning. Presented at the annual meeting of the Society for Neuroscience, Washington, D.C.
11. Holland, P.C., Sutton, J.M., **Muralidharan, A.**, Huganir, R.L., Takamiya, K., Crombag, H.S. (2005, November). *The Role of GLUR1 in Reward Learning I: Phosphorylation at S845 does not modulate Pavlovian influences on instrumental behavior*. Presented at the annual meeting of the Society for Neuroscience, Washington, D.C.
12. Crombag, H.S., Sutton, J.M., **Muralidharan, A.**, Huganir, R.L., Takamiya, K., & Holland, P.C. (2005, November). The Role of GLUR1 in Reward Learning II: Phosphorylation at S845 and S831 modulates Pavlovian influences on instrumental behavior. Presented at the annual meeting of the Society for Neuroscience, Washington, D.C.