OMB No. 0925-0001 and 0925-0002 (Rev. 09/17 Approved Through 03/31/2020)

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: O’Connell Bonarrigo, Maria

eRA COMMONS USER NAME (credential, e.g., agency login): MARIAOCONNELL

POSITION TITLE: Associate Professor, Yale University School of Medicine, Department of Psychiatry; Director of Research and Evaluation, Yale Program for Recovery and Community Health

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)

| INSTITUTION AND LOCATION | DEGREE(if applicable) | Completion DateMM/YYYY | FIELD OF STUDY |
| --- | --- | --- | --- |
|  Northern Arizona University | B.S. | 1993 | Psychology |
|  Bowling Green State University | M.A. | 2000 | Clinical/ Community Psychology |
| Yale University School of Medicine | Predoctoral Internship | 2001-2002 | Clinical Psychology Internship |
|  Bowling Green State University | Ph.D. | 2002 | Clinical/ Community Psychology |
| Yale University School of Medicine | Postdoctoral Fellow | 9/2002 to 9/2004 | Psychology, Public Policy |

**A. Personal Statement**

 **As Director of Research and Evaluation at the Yale Program for Recovery and Community Health, I oversee the research and evaluation components of a number of federal and state grants related to peer mentorship, person-centered planning, self-determined healthcare, and citizenship and social inclusion. I am particularly interested in applying participatory, mixed research methods to the understanding and development of mechanisms that enhance stakeholder engagement, self-determination, and choice within behavioral health and medical systems of care. From 2005-2011, I served as Director of Research for Connecticut's Mental Health Transformation State Incentive Grant (MHT-SIG), where I was responsible for the collection and evaluation of multiple system, organizational, and individual-level data to determine the degree to which infrastructure changes were associated with adoption of recovery-oriented practices and outcomes. Currently, I am PI on an NIMH R01 investigation of the adoption and diffusion of person-centered and recovery-oriented practices among community mental health centers nationwide and PI on a SAMSA-funded evaluation project that examines the processes and outcomes associated with an integrated behavioral and physical healthcare center. I recently completed PCORI-funded pilot research examining the critical components of decision-making in collaborative, person-centered primary and behavioral healthcare treatment. I am also Director of Research on a second PCORI-funded project that is examining the comparative effectiveness of the various supports and services offered through the SAMHSA Primary and Behavioral Healthcare Integration (PBHCI) project referenced above. My training in clinical/community psychology, paired with my expertise in participatory, mixed research methodologies, advance statistical analyses, and development of measures, toolkits, and data infrastructure systems, allows me to contribute a unique set of skills to collaborative research and applied projects—through a lens that is both broadly focused on multi-level determinants of outcomes, yet practical in application. Over the past 13 years, I have provided consultation to numerous behavioral health organizations and systems of care on the assessment and integration of recovery-oriented practices into care, self-determination, and psychiatric advance directives and have mentored a number of students and junior faculty members in the development and execution of their independent research projects. My independent and collaborative work to date has resulted in over 75 publications in peer reviewed journals and book chapters and numerous presentations at national conferences.**

**a. Davidson, L., Tondora, J., Lawless, M.S., O’Connell, M.J., & Rowe, M. A practical guide to recovery-oriented practice: Tools for transforming mental health care. New York: Oxford University Press, 2009.**

**b. Bellamy, C., Flanagan, E.H., Costa, M., O’Connell-Bonarrigo, M., Le, T.L., Guy, K., Antunes, K., & Steiner, J. Barriers and facilitators of healthcare for people with mental illness: why integrated patient centered healthcare is necessary. Issues in mental health nursing, 2012,1-8. PMID 27104370**

**c. Davidson, L., Roe, D., Stern, E., Zisman-Ilani, Y., O'Connell, M., & Corrigan, P. If I Choose it, am I more likely to use it? International Journal of Person Centered Medicine, 2012, 2:577-592.PMID: Not available**

**d. O’Connell, M., Clayton, A. Developing a Supported Decision-Making Tool for Persons with Chronic Illness: Pilot Data on Choice and Decision-Making. Journal of Mental Health Policy and Economics, 2012,15:S17-S17. PMID:Not available**

**B. Positions and Honors**

Positions and Employment

1993- 1994 Case Manager, Arizona Health Care Contract Management Services, Phoenix, Arizona

1995- 1996 Community Resource Coordinator, The Village Integrated Services Agency, Long Beach, California

1996- 2001 Graduate Assistant, Bowling Green State University, Bowling Green, Ohio

1999- 2000 Therapist, Sandco Industries, Fremont, Ohio

1998- 2000 Outpatient Therapist, Behavioral Connections, Bowling Green, Ohio

2000- 2001 Community Advocate, Neighborhood Properties Incorporated, Toledo, Ohio

2001- 2002 Predoctoral Fellow, Department of Psychiatry, Yale University School of Medicine, New Haven, CT

2002- 2004 National Research Service Award (NRSA) Post-doctoral Fellow, Yale University School of Medicine, New Haven, CT

2001- 2009 Researcher, The Annapolis Coalition on Behavioral Health Workforce Education, New Haven, CT

2001- present Data Analyst, The VA Northeast Program Evaluation Center, West Haven, CT

2004- present Director of Research and Evaluation, Yale Program for Recovery and Community Health, New Haven, CT

2004- 2005 Associate Research Scientist, Department of Psychiatry, Yale University School of Medicine, New Haven, CT

2005-2006 Instructor, Department of Psychiatry, Yale University School of Medicine, New Haven, CT

2006-2014 Assistant Professor, Department of Psychiatry, Yale University School of Medicine, New Haven, CT

2014- present Associate Professor, Department of Psychiatry, Yale University School of Medicine, New Haven, CT

Other Experience and Professional Memberships

1996- present American Psychological Association

1996- present Community Psychology Division of the American Psychological Association

Honors

2002- 2004 National Research Service Award (T32), National Institute of Health,

Post-doctoral Fellowship

2003- present Recipient, National Institute of Health Loan Repayment Award

2010 Recipient, USPRA/CT Research Award

**C. Contributions to Science**

**1. Measurement Development**. Over the past 20 years, I have used systematic and participatory research methods, including concept mapping, to develop instruments to assess provider, consumer, and organizational knowledge, beliefs, and practices that are consistent with recovery-oriented models of behavioral healthcare. This body of work contributes significantly to the field by providing reliable, valid, and stakeholder-informed/developed tools to assess the impact of emerging behavioral health models of care. Most notably, I am the lead developer of the Recovery Self-Assessment (RSA)-- a tool designed to assess the degree to which behavioral health agencies implement key components of a recovery-oriented system of care. Included in several international reviews of recovery-oriented services assessments, the RSA is often considered the gold standard among instruments that assess system-level recovery-oriented practice implementation. Other measures include assessments of provider beliefs, opinions, and expectations, person-centered planning, citizenship, and preferences for life and health outcomes.

a. **O’Connell, M.,** Tondora, J., Croog, G., Evans, A., & Davidson, L. From rhetoric to routine: Assessing recovery-oriented practices in a state mental health and addiction system. *Psychiatric Rehabilitation Journal,* 2005, 28:378-386. PubMed PMID: 15895922

b. **O’Connell, M.J**., & Stein, C. The relationship between case manager expectations and outcomes of persons diagnosed with schizophrenia. *Community Mental Health Journal,* 2011, 47:424-435. PubMed PMID: 20683772

c. Rowe M, Clayton A, Benedict P, Bellamy C, Antunes K, Miller R, Pelletier JF, Stern E, **O'Connell MJ**. Going to the source: creating a citizenship outcome measure by community-based participatory research methods. *Psychiatric Services*, 2012, 63:445-50. PubMed PMID: 22549531.

d. Barbic, S.P., Kidd, S.A., Davidson, L., McKenzie, K., **O’Connell, M.J**. Validation of the Brief Version of the Recovery Self-Assessment (RSA-B) Using Rasch Measurement theory. *Psychiatric Rehabilitation Journal*, 2015. Epub ahead of print. PubMed PMID: 26075526

**2. Recovery-Oriented System Transformation.** This area of scientific contribution involves the translation of recovery-oriented research findings into changes in practice through multi-level stakeholder interventions and research. A key component of this research is the involvement of patient stakeholders in all aspects of research and the development of tools designed to assist clients with identifying and communicating their preferences for treatment and outcomes to their providers. In this area of research, I have used participatory research methods to develop tools that can enhance the degree to which treatment is patient-centered and self-determined. Such tools include the “My Healthcare Map”, an advance directive toolkit, and a person-centered care questionnaire. This area of research also includes work conducted with providers, agencies, and systems of care regarding how to best implement changes in practices that are evidence-based and consistent with a recovery-oriented system of care. This work involves working with providers on the integration of consumer-directed tools into changes in clinical practice, researchers on ways to include participant stakeholders as key members of the research team, program directors and state agencies on the development of policies and procedures that support recovery-oriented practice implementation.

a. Davidson, L., Ridgway, P., Schmutte, T., & **O’Connell, M.J.** Purpose and goals of Service User Involvement in Mental Health Research. In Wallcraft, J., Schrank, B., & Amering, M. (eds.), *Handbook of Service User Involvement in Mental Health Research*. London, Wiley-Blackwell, 2009, pp. 87-98.

b. Davidson, L., Ridgway, P., **O’Connell, M.J.,** & Kirk, T.A. Transforming mental health care through participation of the recovery community. In Nelson, G.; Kloos, B.; & Ornelas, J. (Eds.), *Community psychology and community mental health: Towards transformative change*. New York: Oxford University Press.

c. Davidson, L., Tondora, J., **O’Connell, M.J.**, Kirk, T., Rockholz, P., & Evans, A.C. Creating a recovery-oriented system of behavioral health care: Moving from concept to reality. *Psychiatric Rehabilitation Journal,* 2007, 31:23-31. PMID: 17694712

d. Davidson, L., Ridgway, P., Wieland, M., & **O’Connell, M.J.** A capabilities approach to mental health transformation: A conceptual framework for the recovery era. *Canadian Journal of Community Mental Health,* 2009, 28:35-46. PMID: not available

**3. Examination of client outcomes associated with changes in system and provider practices.** My collaborative research in this area provides critical information to program and policy developers, researchers, administrators, providers, and clients on structures and practices associated with optimal client outcomes. I am currently PI on an NIMH R01 that is the first nationwide study of the relationships between recovery-oriented practices, organizational characteristics, and individual client participation in services and treatment and health outcomes. This research will inform key stakeholders about areas to invest time and resources in their system-transformation efforts.

a. Sklar, M., Aarons, G.A., **O’Connell, M**., Davidson, L., Groessl, E.J. Mental health recovery in the patient-centered medical home. American Journal of Public Health, 2015, 105:1926-34. PubMed PMID: 26180945

b. Piat, M., Boyer, R., Fleury, M-J, Lesage, Alain, & **O'Connell, M**. Resident and proprietor perspectives of a recovery-orientation in community-based structured housing, *Psychiatric Rehabilitation Journal,* 2015, 38:88-95. PubMed PMID: 25559078

c. Kidd, S.A., George, L., O’Connell, M., Sylvestre, J., Kirkpatrick, H., Browne, G., Odueyungbo, A.O., Davidson, L. Recovery-oriented service provision and clinical outcomes in assertive community treatment. Psychiatric Rehabilitation Journal, 2011, 34:194-201. PubMed PMID:21208858

d. Kidd, S.A., George, L., **O'Connell, M.**, Sylvestre, J., Kirkpatrick, H., Browne, G., & Thabane, L. Fidelity and recovery in Assertive Community Treatment, *Community Mental Health Journal,* 2010, 46:342-350. PubMed PMID: 20033773

**4. Self-determination, choice, and person-centered care.** This area of scientific contribution focuses on the development and evaluation of conceptual models of self-determination within the behavioral healthcare system. I recently completed PCORI-funded research that used concept mapping and participatory research methods to examine the critical components of decision-making in collaborative, person-centered primary and behavioral healthcare treatment. In this research, I and my stakeholder research team systematically gathered information about patient preferences for treatment and life outcomes which was used to inform the development of a preference assessment tool that can be completed by patients, and shared with practitioners, to enhance the degree to which treatment is consistent with the patient goals and preferences—“My Healthcare Map”.

a. **O’Connell, M.J.** Psychiatric advance directives. In *A New Orientation to Adherence and Self-Determination for People with Mental Illness*. Washington, D.C.: American Psychological Association, 2015.

b. Corrigan PW, Angell B, Davidson L, Marcus SC, Salzer MS, Kottsieper P, Larson JE, Mahoney CA, **O'Connell MJ**, Stanhope V. From adherence to self-determination: evolution of a treatment paradigm for people with serious mental illnesses. *Psychiatric Services*, 2012, 63:169-73. PubMed PMID: 22302335.

c. **O’Connell, M.J.**, & Stein, C.H. Psychiatric advance directives: Perspectives of community stakeholders. *Administration and Policy in Mental Health,* 2005, 32:241-265. PubMed PMID: 15844847

d. **O’Connell, M.**, Rosenheck, R., Kasprow, W., & Frisman, L. An examination of fulfilled housing preferences and quality of life among homeless persons with mental illness and/or substance use disorders. *Journal of Behavioral Health Services and Research,* 2006, 33:354-365. PubMed PMID: 16752112

**5. Examination of effectiveness of other recovery-oriented interventions through clinical trials.** This work involves the examination of data from studies aimed at enhancing client outcomes through the implementation of randomized controlled trials of recovery-oriented interventions. Such interventions include supported housing, citizenship classes, person-centered planning, and peer recovery guides.

a. **O’Connell, M. J.**, Kasprow, W. J., & Rosenheck, R. A. The impact of current alcohol and drug use on outcomes among homeless veterans entering supported housing. *Psychological services*, 2013, *10*:241-249.

b. **O'Connell, M. J.,** Kasprow, W. J., & Rosenheck, R. A. Differential impact of supported housing on selected subgroups of homeless veterans with substance abuse histories. *Psychiatric Services*, 2012, 63:1195-1205. PubMed PMID: 23117205

c. Sledge WH, Lawless M, Sells D, Wieland M, **O'Connell MJ**, Davidson L. Effectiveness of peer support in reducing readmissions of persons with multiple psychiatric hospitalizations. *Psychiatric Services*, 2011, 62:541-4. PubMed PMID: 21532082.

d. Tondora, J., **O’Connell, M.,** Miller, R., Dinzeo, T., Bellamy, C., Andres-Hyman, R., & Davidson, L. A clinical trial of peer-based culturally responsive person-centered care for psychosis for African Americans and Latinos. *Clinical Trials,* 2010, 7:368-379. PubMed PMID: 20571133

**Complete List of Published Work in MyBibliography:**

[**http://www.ncbi.nlm.nih.gov/sites/myncbi/1t\_metoyPnN5M/bibliography/48621110/public/?sort=date&direction=ascending**](http://www.ncbi.nlm.nih.gov/sites/myncbi/1t_metoyPnN5M/bibliography/48621110/public/?sort=date&direction=ascending)**.**

**D. Additional Information: Research Support and/or Scholastic Performance**

## Ongoing Research Support

PCORI IH-1304-7294 Bellamy (PI) 10/1/2013- 12/30/2017

“Increasing Health Care Choices and Improving Health Outcomes Among Persons with Serious Mental Illness”

This research involves the examination of health indicator data associated with participation in an integrated behavioral health and primary care project.

Role: Investigator, Director of Research

NIMH1R01MH097796-01A1 OConnell Bonarrigo (PI) 09/01/2014- 06/30/2018

“Recovery-Oriented Structures, Practices, and Outcomes in CMHCs: A National Study”

This research is a national study of organizational and system-level structures and practices associated with client outcomes.

Role: PI

SAMHSA O’Connell Bonarrigo (Yale P.I.), Delphin-Rittmon (DMHAS, PI) 09/30/2014-09/29/2019

“Connecticut Supported Employment Program”

This demonstration grant examines two different adaptations of IPS models of supported employment in Connecticut.

Role: Evaluation PI

SAMHSA O’Connell Bonarrigo (Yale P.I.), Delphin-Rittmon (DMHAS, PI) 09/30/2014-09/29/2019

“Connecticut Mental Health Center (CMHC) Wellness Center”

This project involves the evaluation of the implementation of an integrated behavioral health and primary care clinic within a local community mental health center.

Role: Evaluation PI

Completed Research

PCORI M150939 O’Connell Bonarrigo (PI) 08/15/2012-12/31/2014

“Development of a Supported Decision-Making Tool for Persons with Chronic Illness”

Pilot project involving the development of a tool to increase patient involvement in treatment decision-making

Role: PI

PCORI Davidson (PI) 10/01/2014- 03/30/2017

“Broadening Stakeholder Involvement in Behavioral Health Research”

This research involves the development of stakeholder participation in research standards and training modules.

Role: Investigator, Chair of Consumer Research and Evaluation Network