



Christine Mauro, PhD

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Last Update: 07/2019

Academic Appointments/Work Experience:

- 07/2016-Present Department of Biostatistics
Mailman School of Public Health, Columbia University
Assistant Professor at CUMC
- 09/2014-06/2016 Department of Biostatistics
Mailman School of Public Health, Columbia University
Associate Research Scientist
- 06/2011-08/2014 Department of Biostatistics
Mailman School of Public Health, Columbia University
Research Assistant (1R01 MH070741 and 5R01 MH060783)

Education:

- 09/2009-09/2014 Columbia University
PhD in Biostatistics, conferred May 2015
Thesis: Learning Logic Rules Using an Iterative Algorithm; With an
Application to Developing Criteria Sets for the Diagnostic and Statistical
Manual of Mental Disorders
Advisor: Yuanjia Wang
- 06/2008-05/2009 Columbia University
MS in Biostatistics, May 2009
- 09/2004-05/2008 Fairfield University
BS in Mathematics, summa cum laude, May 2008

Honors and Awards:

12/2018	Advanced Research Institute (ARI) in Geriatric Mental Health Biostatistical Fellows Program (supported by NIMH R25 MH068502)
05/2018	The College on Problems of Drug Dependence Early Career Investigator Award
11/2016	Calderone Junior Faculty Prize
05/2015	The Sanford Bolton-John Fertig Award in Biostatistics, Columbia University
03/2015	ENAR International Biometric Society Distinguished Student Paper Award
04/2012	Dean Harry J. Carman Fellowship Recipient
05/2008	Arthur F. Dershowitz Award in Mathematics, Fairfield University
05/2008	Award for Outstanding Achievement in Mathematics, Fairfield University
06/2007	Summer Institute for Training in Biostatistics Scholar, Boston University (funded by NHLBI)
04/2007	Phi Beta Kappa National Honor Society (inducted as a junior)
04/2006	Pi Mu Epsilon Mathematics Honor Society
05/2005	Phi Beta Kappa Book Award (for excellence in writing)

Academic Service:**Department of Biostatistics, Columbia University**

09/2018-Present	Member, Recruitment Committee
10/2017-Present	Member, PhD Taskforce
09/2017-Present	Member, Doctoral Admissions Committee
05/2015-Present	Faculty Advisor, Biostatistics Student Cohort
09/2016-05/2017	Organizer, Levin Lecture Series
09/2015-09/2017	Co-Chair, Communications Committee
09/2015-09/2017	Member, Curriculum Committee
09/2015-09/2017	Member, Recruitment Committee

Mailman School of Public Health, Columbia University

03/2019-Present	Faculty Advisor, Healthcare Data Analytics Club
09/2017-Present	Faculty Lead, Applied Biostatistics Certificate
09/2017-06/2018	Member, Mailman Interdisciplinary Research Taskforce
01/2017-05/2018	Member, Core Curriculum Committee

Professional Organizations and Societies:**Memberships and Leadership**

01/2019-Present	Council of Sections Representative, American Statistical Association, Section on Mental Health Statistics (MHS) (3-year term)
04/2018-Present	Society for Prevention Research
09/2017-Present	Caucus for Women in Statistics
01/2014-Present	ENAR International Biometric Society
01/2007-Present	American Statistical Association

Journal Reviewer

Addictive Behaviors; BJPsych Open; Death Studies; Depression and Anxiety; Drug and Alcohol Dependence; Health Affairs; Journal of Affective Disorders; Journal of Clinical Epidemiology; Journal of Studies on Alcohol and Drugs; Journal of Substance Abuse Treatment; PLOS ONE; Prevention Science; Preventive Medicine

Editorial Board

07/2016-Present The American Journal of Drug and Alcohol Abuse
Statistical Editor

09/2015-09/2018 The Journal of Thoracic and Cardiovascular Surgery
Deputy Statistical Editor
Top Performance Award of the Editorial Board (2016, 2017)

Other

11/2015-11/2017 ENAR Distinguished Student Paper Awards Review Committee

Grant Support:

Current

1R01DA045872-01, NIH/NIDA Cerdá & Martins (PIs) 1/1/2019-11/30/2019
Examining the synergistic effects of cannabis and prescription opioid policies on chronic pain, opioid prescribing, and opioid poisoning
Role: Co-Investigator

1R21DA045267-01A1, NIH/NIDA Williams (PI) 09/01/18 – 08/31/2020
Medical marijuana program participation and changes in controlled substance use
Role: Co-Investigator

1R01DA039137-01A1, NIH/NIDA Olsson/ Mojtabai (PI) 2/15/17-11/30/21
Health Care Policy and Substance Abuse Treatment Access
Role: Co-Investigator

W81XWH-15-2-0043, DOD Cozza & Shear (PIs) 9/30/15 - 9/29/19
GREAT-SF (Grief-focused Resilience Activities and Training for Surviving Families)
Role: Co-Investigator

1R01 DA037866-01, NIH/NIDA Martins (PI) 09/15/14-08/31/19
State medical marijuana laws and NSDUH marijuana use and consequences since 2004
Role: Co-Investigator

Past

5UL1TR001873-02, NIH/NCATS Reilly (PI) 7/1/16 – 5/31/21
Clinical and Translational Science Award - Biostatistics Resource
Role: Co-Investigator

5R01HD067287-05, NIH/NICHD Rosenthal (PI) 9/1/2011-8/31/2017
Adolescent and Parental Attitudes About STI Prevention Trial Participation

Role: Co-Investigator

5R33 AI098654-04, NIH Ratner (PI) 05/01/14-04/30/17
DNASE for Prevention of Reproductive Tract Infections in Pregnancy
Role: Statistician

5R01 MH060783, NIH Shear (PI) 08/01/09-02/28/16
Optimizing Treatment of Complicated Grief
Role: Statistician

1R01 MH070741, NIH Shear (PI) 09/01/07-04/30/14
Complicated Grief Treatment in Elderly Adults: To confirm the efficacy of Complicated Grief
Treatment in a geriatric population.
Role: Statistician

Educational Contributions:

Teaching

Summer 2019	Writing a Successful NIH Grant Application (Co-Instructor, 3 credits, 25 students)
Spring 2019	Analysis of Categorical Data (3 credits, 200 students)
Fall 2018	Research Methods and Applications: Quantitative Foundations (4.5 credits, 110 students)
Summer 2018	Writing a Successful NIH Grant Application (Co-Instructor, 3 credits, 25 students)
Spring 2018	Analysis of Categorical Data (3 credits, 170 students)
Summer 2017	Writing a Successful NIH Grant Application (Co-Instructor, 3 credits, 29 students)
Spring 2017	Analysis of Categorical Data (3 credits, 206 students)
Spring 2016	Analysis of Categorical Data (3 credits, 198 students)
Summer 2012	Introduction to Biostatistical Methods (3 credits, 27 students)
Summer 2011	Introduction to Biostatistical Methods (3 credits, 44 students)
Summer 2010	Introduction to Biostatistical Methods (3 credits, 33 students)

Teaching (Short Courses)

November 2018	Getting Started with Statistical Software – R
October 2018	Getting Started with Statistical Software – SAS
April 2018	Getting Started with Statistical Software – SAS

Advising and Mentoring

Doctoral Trainees

2018-Present	Margaret Gacheru (Ph.D., Biostatistics), Initiative for Maximizing Student Diversity (IMSD) Mentor
2018-Present	Angel Garcia de la Garza (Ph.D., Biostatistics), Research Assistant
2014-2018	Xin Qui (Ph.D., Biostatistics), Research Assistant
2015-2016	Shanghong Xie (Ph.D., Biostatistics), Research Assistant

2013-2014 Annie Lee (Ph.D., Biostatistics), Research Assistant

PhD Examination, Advisory, and Defense Committees

2019 Peng Wu (Ph.D, Biostatistics), Dissertation Defense Committee and Oral Exam Committee (2017)
 2019 Annie Lee ((Ph.D, Biostatistics), Dissertation Defense Committee
 2019 Soyeon Kim (Ph.D, School of Social Work), Dissertation Defense Committee and Oral Exam Committee (2017)
 2018 Cheryl Raffo (Dr.Ph, Biostatistics), Dissertation Defense Committee
 2017 June Kim (Dr.Ph, Epidemiology), Dissertation Defense Committee

Master's Trainees

2019-Present Sijia Yue (MS), Practicum Advisor
 2019-Present Emily Romero (MS), Practicum Advisor
 2018-2019 Nicholas Williams (MPH), Practicum Advisor
 2017-2018 Wenlin Yuan (MS), Research Assistant
 2017 Kun Qian (MS), Practicum Advisor
 2017 Thomas Corbeil (Accelerated MPH), Practicum Advisor
 2016-2017 Yi Li (MS), Practicum Advisor
 2016-2017 Jennifer Lee (MS), Practicum Advisor
 2016-2017 Weijia Fan (MS), Practicum Advisor
 2015-2016 Szu-Yu (Jodi) Yiao (MS), Practicum Advisor
 2015-2016 Aleah Wattenberg (MS), Practicum Advisor
 2012-2013 Judah Abberbock (MS; current PhD student at University of Pittsburgh), Research Assistant Advisor

Undergraduate

2016 Temi Igbaroola and Peter Batten, Faculty Mentor for BEST/CSIBS
 2015 Serge Aleshin-Guendel and Danna Guzman, Faculty Mentor for BEST/CSIBS

Public Health Contributions:

12/2014 – 12/2015 Invited Lecturer
 NYC Department of Health and Mental Hygiene
 Cross-Cutting Data Analysis Meeting

 10/2015, Logistic Regression with SAS
 06/2015, Phone a Biostatistician
 12/2014, Poisson Regression with SAS

Publications: ([Google Scholar](#))

Published and in Press (indicates student under my supervision)*

2019

1. **Mauro C**, Shear MK, Wang Y. (2019). Integrating multiple-domain rules for disease classification: with application to developing criteria sets for the mental disorders. *Statistics in Medicine*. 38 (16), 3091-3104.
2. Segura L, **Mauro C**, Levy N, Khauli N, Philbin M, Mauro P, Martins S. (In Press). Association of US Medical Marijuana Laws with Nonmedical Prescription Opioid Use and Prescription Opioid Use Disorder. *JAMA Netw Open*. doi:10.1001/jamanetworkopen.2019.7216
3. Mojtabai R, **Mauro C**, Wall M, Barry C, Olfson M. (In Press). The Affordable Care Act and opioid agonist therapy for opioid use disorder. *Psychiatric Services*.
4. Szuhany KL, Young A, **Mauro C**, **Garcia de la Garza A***, Spandorfer J, Lubin R, Skritskaya N, Hoepfner S, Pace-Schott E, Zisook S, Reynolds CF, Shear MK, Simon NM. (In Press). Impact of sleep on Complicated Grief and Outcomes. *Depression and Anxiety*.
5. Philbin MM, Mauro PM, Santaella-Tenoria J, **Mauro C**, Kinnar EN, Cerda M, Martins SM. (2019). Associations between state-level policy liberalism, cannabis use, and cannabis use disorder from 2004 to 2012: Looking beyond medical cannabis law status. *International Journal of Drug Policy*. 65, 97-103.
6. Mauro PM, Santaella-Tenoria J, Perlmutter A, Hasin D, **Mauro C**, Martins S. (2019). Correct knowledge of medical cannabis legal status in one's own state: Differences between adolescents and adults in the United States, 2004–2013. *Addictive behaviors*. 88, 23-28.
7. Mojtabai R, **Mauro C**, Wall M, Barry C, Olfson M. (2019). Medication treatment for opioid use disorders in substance use treatment facilities. *Health Affairs*. 38 (1), 14-23
8. Giovenco D, Spillane T, **Mauro C**, Hernandez D. (In Press). Evaluating the impact and equity of a tobacco-free pharmacy law on retailer density in New York City neighbourhoods. *Tobacco Control*.
9. Cozza S, Shear MK, Reynolds CF, Fisher J, Zhou J, Maercker A, Simon N, **Mauro C**, Skritskaya N, Zisook S, Lebowitz B, Gribbin Bloom C, Fullerton C, Ursano R. (In Press). Optimizing the clinical utility of four proposed criteria for a persistent and impairing grief disorder by emphasizing core, rather than associated symptoms. *Psychological Medicine*.
10. Rohaut B, Doyle K, Reynolds A, Igwe K, Couch C, Matory A, Rizvi B, Roh D, Velazquez A, Megjhani M, Park S, Agarwal S, **Mauro C**, Li G, Elisseyev A, Perlberg V, Connolly S, Brickman A, Classen J. (2019). Deep structural brain lesions associated with consciousness impairment early after hemorrhagic stroke. *Scientific Reports*. 9, 4174.

11. Cevasco MR, Li B, Han J, Chiuhan C, **Mauro C**, Kurlanksy P, Garan AR, Takeda K, Naka Y, Takayama H. (In Press). Adverse Event Profile Associated with Prolonged Use of CentriMag Ventricular Assist Device for Refractory Cardiogenic Shock. *ASAIO*.

2018

12. **Mauro C**, Reynolds CF, Maercker A, Skritskaya N, Simon N, Zisook S, Lebowitz B, Cozza S, Shear MK. (2018). Prolonged Grief Disorder: Clinical Utility of ICD-11 Diagnostic Guidelines. *Psychological Medicine*.
<https://doi.org/10.1017/S0033291718001563>
13. Francis J, de Roche A, **Mauro C**, Landers S, Chang J, Catalozzi M, Radecki Breitkopf C, Rosenthal S. (2018). Adolescent-Parent Dyadic Retention in an Interview Study and Changes in Willingness to Participate in a Hypothetical Microbicide Safety Study. *Journal of Pediatric and Adolescent Gynecology*.
<https://doi.org/10.1016/j.jpag.2018.06.001>
14. Olfson M, Wall M, Barry CL, **Mauro C**, Mojtabai R. (2018). Effects of the Affordable Care Act on Private Insurance Coverage and Treatment of Behavioral Health Conditions in Young Adults. *American journal of public health*. 108 (10), 1352-1354.
15. Tsevat R, Breitkopf C, Landers S, deRoche A, **Mauro C**, Ipp L, Catalozzi M, Rosenthal SL. (2018). Adolescents' and Parents' Attitudes Toward Adolescent Clinical Trial Participation: Changes Over One Year. *Journal of Empirical Research on Human Research Ethics*. 13 (4), 383-390.
16. Olfson M, Wall M, Barry CL, **Mauro C**, Mojtabai R. (2018). Impact Of Medicaid Expansion On Coverage And Treatment Of Low-Income Adults With Substance Use Disorders. *Health Affairs*. 37 (8), 1208-1215.
17. Goetter E, **Mauro C**, **Qiu X***, Skritskaya N, Reynolds CF, Zisook S, Shear MK, Simon NM. (2018). Treatment expectancy and working alliance in pharmacotherapy as predictors of outcomes in complicated grief. *Journal of consulting and clinical psychology*. 86 (4), 367-371.
18. Giovenco D, Spillane T, **Mauro C**, Martins S. (2018). Cigarillo sales in legalized marijuana markets in the U.S. *Drug and Alcohol Dependence*. 185, 347-350.
19. Han J, **Mauro C**, Kurlansky P, Fukuhara S, Yuzefpolskaya M, Topkara V, Garan AR, Colombo P, Takayama H, Naka Y, Takeda K. (2018). Impact of Obesity on Readmission in Patients With Left Ventricular Assist Devices. *The Annals of Thoracic Surgery*. 105 (4), 1192-1198.
20. Zisook S, Shear MK, Reynolds CF, Simon NM, **Mauro C**, Skritskaya N, Lebowitz B, Wang Y, Tal I, Glorioso D, Loebach Wetherell J, Iglewicz A, Robinagh D, **Qiu X***.

(2018). Treatment of Complicated Grief in Survivors of Suicide Loss: A HEAL Report. *The Journal of clinical psychiatry*. 79(2), March/April 2018.

21. Fraiz L, de Roche A, **Mauro C**, Catalozzi M, Zimet G, Shapiro G, Rosenthal SL. (2018). US pregnant women's knowledge and attitudes about behavioral strategies and vaccines to prevent Zika acquisition. *Vaccine*. 36 (1), 165-169.
22. Robbins-Welty G, Stahl S, Zhang J, Anderson S, Schenker Y, Shear MK, Simon NM, Zisook S, Skritskaya N, **Mauro C**, Lebowitz BD, Reynolds CF. (2018). Medical comorbidity in complicated grief: Results from the HEAL collaborative trial. *Journal of Psychiatric Research*. 96, 94-99.

2017

23. **Mauro C**, Newswanger P, Santaella-Tenorio J, Mauro PM, Carline H, Martins SS (2017). Impact of Medical Marijuana Laws on State-Level Marijuana Use by Age and Gender, 2004–2013. *Prevention Science*. <https://doi.org/10.1007/s11121-017-0848-3>
24. **Mauro C**, Shear MK, Reynolds CF, Simon N, Zisook S, Skritskaya N, Wang Y, Lebowitz B, Duan N, First M, Ghesquiere A, Gribbin C, Glickman K. (2017). Performance characteristics and clinical utility of diagnostic criteria proposals in bereaved treatment-seeking patients. *Psychological Medicine*. 47 (4), 608-615.
25. Ghesquiere A, Schwartz T, Wang Y, **Mauro C**, Skritskaya N, Shear MK. (2017). Performance and psychometric properties of the Interpersonal Support Evaluation List (ISEL) in older adults with Complicated Grief. *Journal of Affective Disorders*. 218, 388-393.
26. Tal I, **Mauro C**, Reynolds III CF, Shear MK, Simon N, Lebowitz B, Skritskaya N, Wang Y, **Qiu X***, Iglewicz A, Glorioso D, Avanzino J, Loebach Wetherell J, Karp JF, Robinaugh D, Zisook S. (2017). Complicated grief after suicide bereavement and other causes of death. *Death Studies*. 41 (5), 267-275.
27. Williams AR, Santaella-Tenorio J, **Mauro CM**, Levin FR, Martins SS. (2017) Loose regulation of medical marijuana programs associated with higher rates of adult marijuana use but not cannabis use disorder. *Addiction*, 112: 1985–1991. doi: 10.1111/add.13904.
28. Wright M, Takeda K, **Mauro C**, Jennings D, Kurlansky P, Han J, Truby L, Stein S, Topkara V, Garan AR, Yuzefpolskaya M, Colombo P, Naka Y, Farr M, Takayama H. (2017). Dose-dependent association between amiodarone and severe primary graft dysfunction in orthotopic heart transplantation. *The Journal of Heart and Lung Transplantation*. 36 (11), 1226-1233.
29. Fisher JE, **Mauro C**, Cozza SJ, Wall M, Simon NM, Ortiz CD, Harrington-LaMorie J, Wang Y, Fullerton CS, Ursano RJ, Shear MK. (2017). Examination of factor structure of the inventory of complicated grief (ICG) in a sample of bereaved military family

members with persistent and elevated grief. *International Journal of Methods in Psychiatric Research*. 26 (3).

30. Francis JKR, Fraiz LD, Catalozzi M, deRoche AM, **Mauro C**, Rosenthal SL. (2017) Pregnant young women's attitudes about microbicides: the anticipated influence of the grandmother and father of the baby on microbicide use. *Sexual Health*, <https://doi.org/10.1071/SH16179>
31. Fujita K, Takeda K, Li B, **Mauro C**, Kurlansky P, Sreekanth S, Han J, Truby LK, Garan AR, Topkara V, Yuzefpolskaya M, Colombo P, Naka Y, Takayama H. (2017) Combined Therapy of Ventricular Assist Device and Membrane Oxygenator for Profound Acute Cardiopulmonary Failure. *ASAIO Journal*. 63 (6), 713-719.
32. Truby LK, Takeda K, **Mauro C**, Yuzefpolskaya M, Garan AR, Kirtane AJ, Topkara VK, Abrams D, Brodie D, Colombo PC, Naka Y, Takayama H. (2017). Incidence and Implications of Left Ventricular Distention During Venoarterial Extracorporeal Membrane Oxygenation Support. *ASAIO Journal*. 63 (3), 257-265.
33. Santaella-Tenorio J, **Mauro C**, Wall M, Kim JH, Cerdà M, Keyes KM, Hasin D, Galea S, Martins SS (2017). US Traffic Fatalities, 1985–2014, and Their Relationship to Medical Marijuana Laws. *American Journal of Public Health*. 107 (2), 336-342.
34. Tal I, **Mauro C**, Reynolds CF, Shear MK, Simon N, Lebowitz B, Skritskaya N, Wang Y, Qiu X, Iglewicz A, Glorioso D, Avanzino J, Wetherell J, Karp J, Robinaugh D, Zisook S. (2017). Complicated Grief After Suicide Bereavement and Other Causes of Death. *Death Studies*. 41 (5), 267-275.
35. Skritskaya N, **Mauro C**, Olonoff M, Qiu X, Duncan S, Wang Y, Duan N, Lebowitz B, Reynolds CF, Simon NM, Zisook S, Shear MK (2017). Measuring Maladaptive Cognitions in Complicated Grief: Introducing the Typical Beliefs Questionnaire. *American Journal of Geriatric Psychiatry*. 25 (5), 541-550.

2016

36. Cozza S, Fisher J, **Mauro C**, Zhou J, Ortiz C, Skritskaya N, Wall M, Fullerton C, Ursano R, Shear MK. (2016). Toward a Better Recognition of Clinically Impairing Grief: Response to Smid and Boelen. *The American Journal of Psychiatry*. 173 (11), 1150.
37. Martins S, **Mauro C**, Santaella-Tenorio J, Kim JH, Cerda M, Keyes K, Hasin D, Galea S, Wall MM. (2016). State-level medical marijuana laws, marijuana use and perceived availability of marijuana among the general US population. *Drug and Alcohol Dependence*. 169, 26-32.
38. Kim JH, Santaella-Tenorio J, **Mauro C**, Wrobel J, Cerdà M, Keyes KM, Hasin D, Martins S, Li G. (2016). State Medical Marijuana Laws and the Prevalence of Opioids

- Detected Among Fatally Injured Drivers. *American Journal of Public Health*. 106 (11), 2032-2037.
39. Shear MK, Reynolds CF, Simon NM, Zisook S, Wang Y, **Mauro C**, Duan N, Lebowitz B, Skritskaya N. (2016). Optimizing Treatment of Complicated Grief: A Multicenter Randomized Clinical Trial. *JAMA Psychiatry*. 73 (7), 685-694.
 40. Cozza S, Fisher J, **Mauro C**, Zhou J, Ortiz C, Skritskaya N, Wall M, Fullerton C, Ursano R, Shear MK. (2016). Performance of DSM-5 Persistent Complex Bereavement Disorder Criteria in a Community Sample of Bereaved Military Family Members. *The American Journal of Psychiatry*. 173 (9), 919-929.
 41. Murray AC, **Mauro C**, Rein J, Kiran RP. (2016). 30-day mortality after elective colorectal surgery can reasonably be predicted. *Techniques in Coloproctology*. 20 (8), 567-576.
 42. Al-Mazrou A, Suradkar K, **Mauro C**, Kiran RP. (2016). Targeting late, rather than early, readmission after colorectal resection is the more effective strategy. *Diseases of the Colon and Rectum*. 60 (2), 202-212.
 43. Han J, Takeda K, Takayama H, Kurlanksy P, **Mauro C**, Colombo P, Yuzefpolskaya M, Fukuhara S, Truby L, Topkara V, Garan A, Mancina D, Naka Y. (2016). Durability and clinical impact of tricuspid valve procedures in patients receiving continuous-flow left ventricular assist device. *Journal of Thoracic and Cardiovascular Surgery*. 151 (2), 520-527.
 44. Baker AW, Goetter EM, Bui E, Shah R, Charney ME, **Mauro C**, Shear MK, Simon NM (2016). The influence of anxiety sensitivity on a wish to die in complicated grief. *Journal of Nervous and Mental Disease*. 204 (4), 314-316.
 45. Robinaugh D, **Mauro C**, Bui E, Stone L, Shah R, Wang Y, Skritskaya N, Reynolds CF III, Zisook S, O'Connor MF, Shear MK, Simon N. (2016). Yearning and its Measurement in Complicated Grief. *Journal of Loss and Trauma*. 21 (6), 1-11.
 46. Baker AW, Keshaviah A, Horenstein A, Goetter EM, **Mauro C**, Reynolds C, Zisook S, Shear MK, Simon, NM (2016). The role of avoidance in complicated grief: A detailed examination of the Grief-Related Avoidance Questionnaire (GRAQ) in a large sample of individuals with complicated grief. *Journal of Loss and Trauma*. 21 (6), 1-15.
 47. Wall M, **Mauro C**, Hasin D, Keyes K, Cerda M, Martins S, Feng T. (2016). Prevalence of marijuana use does not differentially increase among youth after states pass medical marijuana laws: Commentary on Stolzenberg et al (2016) and reanalysis of US National Survey on Drug Use in Households data 2002-2011. *International Journal of Drug Policy*. 29, 9-13.

48. Bui E, **Mauro C**, Robinaugh D, Skritskaya N, Wang Y, Gribbin C, Ghesquiere A, Horenstein A, Duan N, Reynolds CF III, Zisook S, Simon NM, Shear MK. (2015). The Structured Clinical Interview for Complicated Grief: Reliability, Validity, and Exploratory Factor Analysis. *Depress Anxiety*. 32 (7), 485-492. PMID: PMC4565180.
49. Prins SJ, Skeem JL, **Mauro C**, Link BG. (2015). Criminogenic factors, psychotic symptoms, and incident arrests among people with serious mental illnesses under intensive outpatient treatment. *Law Hum Behav.*, 39 (2), 177. PMID:25133918.
50. Bui E, Horenstein A, Shah R, Skritskaya NA, **Mauro C**, Wang Y, Duan N, Reynolds CF III, Zisook S, Shear MK, Simon NM. (2015). Grief-related Panic Symptoms in Complicated Grief. *J Affect Disord*. 170:213-6. doi: 10.1016/j.jad.2014.08.028. PMID: PMC4252915.
51. Zetumer S, Young I, Shear MK, Skritskaya N, Lebowitz B, Simon N, Reynolds CF III, **Mauro C**, Zisook S. (2015). The Impact of Losing a Child on the Clinical Presentation of Complicated Grief. *J Affect Disord*. 170:15-21 doi: 10.1016/j.jad.2014.08.021. PMID: PMC4253869.

2014

52. Shear MK, Wang Y, Skritskaya N, Duan N, **Mauro C**, Ghesquiere A. (2014). Treatment of Complicated Grief in Elderly Persons: A Randomized Controlled Trial. *JAMA Psychiatry*. 71(11):1287-1295. doi:10.1001/jamapsychiatry.2014.1242.
53. Hall CA, Reynolds CF III, Butters M, Zisook S, Simon N, Corey-Bloom J, Lebowitz BD, Begley A, **Mauro C**, Shear MK. (2014). Cognitive functioning in complicated grief. *J Psychiatr Res*. 58:20-25. doi: 10.1016/j.jpsychires.2014.07.002. PMID: PMC4163517.
54. Carmassi C, Shear MK, Massimetti G, Wall M, **Mauro C**, Gemignani S, Conversano C, Dell'Osso L. (2014). Validation of the Italian Inventory of Complicated Grief (ICG): a study comparing CG patients versus bipolar disorder, PTSD and healthy controls. *Compr Psychiatry*, 55(5): 1322-1329.

2013

55. Wang Y, Chen H, Zeng D, **Mauro C**, Duan N, Shear MK. (2013). Auxiliary Marker-Assisted Classification in the Absence of Class Identifiers. *Journal of the American Statistical Association*. 108(502): 553-565.

2012

56. Bui E, Simon N, Robinaugh D, LeBlanc N, Wang Y, Skritskaya N, **Mauro C**, Shear MK. (2012). Perilous Dissociation, Symptom Severity, and Treatment Response in

Complicated Grief. *Depression and Anxiety*. 30(2):123-128. PMID: 23212730.

Presentations (first author only):

1. **Mauro C.** (2019, January). *Power and Sample Size Considerations*. Oral Presentation at the T32 NIDA funded Substance Abuse Research Fellowship Seminar Series at Columbia University (Department of Psychiatry), New York, NY.
2. **Mauro C.** (2018, October). *Insights on the Statistical Review Process*. Oral Presentation at the T32 NIDA funded Substance Abuse Research Fellowship Seminar Series at Columbia University (Department of Psychiatry), New York, NY.
3. **Mauro C,** Chen C, Martins M, Cerda M, Wall M. (2018, July). *On Utilizing Published Prevalence Estimates to Perform Difference-In-Difference Tests: Testing the Impact of Recreational Marijuana Laws*. Speed presentation at the Joint Statistical Meetings (JSM), Vancouver, Canada.
4. **Mauro C.** (2018, June). *Using Survey Data to Understand the Impact of Medical Marijuana Laws*. Oral presentation at workshop on Epidemiology and Public Health Research Methods, College on Problems of Drug Dependence Annual Meeting, San Diego, CA.
5. **Mauro C, Corbeil T***, Giovenco D, Mauro P, Cerda M, Martins S. (2018, June). *Do Recreational Marijuana Laws Impact State-level Alcohol and Tobacco Use?* Poster Presentation at the College on Problems of Drug Dependence Annual Meeting, San Diego, CA.
6. **Mauro C.** (2018, June). *Empirical methods for identifying optimal diagnostic criteria for psychiatric disorders*. Discussant at the Tom Ten Have Symposium on Statistics in Mental Health. Chicago, IL.
7. **Mauro C,** Chen C, Martins S, Cerda M, Wall M. (2018, June). *On Utilizing Published Prevalence Estimates to Perform Difference-in-Difference Tests: Testing the Impact of Recreational Marijuana Laws*. Poster Presentation at the Tom Ten Have Symposium on Statistics in Mental Health. Chicago, IL.
8. **Mauro C.** (2018, June). *Adolescent Marijuana Use amidst Reformed State-Level Marijuana Laws*. Symposium Discussant at the Society for Prevention Research Annual Meeting, Washington, DC.
9. **Mauro C.** (2017, October). *Modeling the Effect of State Medical Marijuana Laws Using National Data*. Oral Presentation at the T32 NIDA funded Substance Abuse Research Fellowship Seminar Series at Columbia University (Department of Psychiatry), New York, NY.
10. **Mauro C.** (2017, September). *What to Expect From your Statistical Reviewer*. Oral Presentation at the Biostatistics in Action: Tips for Clinical Researchers Lecture Series

sponsored by the Irving Institute for Clinical and Translational Research - Biostatistics, Epidemiology and Research Design Resource at Columbia University, New York, NY.

11. **Mauro C**, Shear MK, Wang Y. (2017, August). *Integrating Multiple-Domain Rules for Disease Classification: With Application to Developing Criteria Sets for Mental Disorders*. Oral Presentation at the Joint Statistical Meetings (JSM), Baltimore, MD.
12. **Mauro C**, Newswanger P, Santaella-Tenorio J, Mauro P, Carliner H, Martins S. (2017, June). *Impact of medical marijuana laws on state-level marijuana use by age and gender, 2004-2013*. Poster Presentation at the College on Problems of Drug Dependence Annual Meeting, Montreal, Canada.
13. **Mauro C** with Martins SS, Mauro PM, Williams AR, Hasin D. (2017, April). *Consequences of Marijuana Laws*. Oral Presentation at the Dean's Grand Rounds on the Future of Public Health: Team Science for the Public's Health at Columbia University Mailman School of Public Health, New York, NY.
14. **Mauro C**, Shear MK, Cozza S, Reynolds CF, Simon N, Zisook S, Skritskaya N, Wang Y, Lebowitz B, Duan N, Gribbin C, Fisher J, Zhou J, Ortiz C, Fullerton C, Ursano R, Wall M, Ghesquiere A, First M, Glickman K. (2016, November). Performance of DSM-5 Criteria for Persistent Complex Bereavement Disorder. Symposium Presentation at the International Society for Traumatic Stress Studies (ISTSS) Annual Meeting, Dallas, TX.
15. **Mauro C**, Qiu X, Zeng D, Duan N, Wang Y. (2016, August). *Factorial Clinical Trials for Hybrid Research Studies: Design and Analysis of Optimizing Treatment for Complicated Grief*. Oral Presentation at the Joint Statistical Meetings (JSM), Chicago, IL.
16. **Mauro C**, Santaella-Tenorio J, Kim J, Wall M, Martins S. (2016, June). *Does Perceived Availability of Marijuana Explain Changes in Marijuana Use after Medical Marijuana Law Implementation Among US Adults?* Poster Presentation at the College on Problems of Drug Dependence Annual Meeting, Palm Springs, CA.
17. **Mauro C**, Wall M. (2016, March). *On Statistical Modeling of National Surveys to Assess the Impact of State Specific Medical Marijuana Policies*. Invited Oral Presentation at the ENAR International Biometric Society Spring Meeting, Austin, TX.
18. **Mauro C**, Qiu X, Zeng D, Duan N, Wang Y. (2016, March). *Factorial Clinical Trials for Hybrid Research Studies: Design and Analysis of Optimizing Treatment for Complicated Grief*. Oral Presentation at the ENAR International Biometric Society Spring Meeting, Austin, TX.
19. **Mauro C**, Wang Y, Duan N, Lebowitz B, Reynolds C, Simon N, Zisook S, Shear MK. (2015, June). *Factorial Clinical Trials for Hybrid Research Studies: Design and Analysis of "Optimizing Treatment for Complicated Grief."* Invited Lecture at The Fifth International Workshop in Sequential Methodologies, New York, NY.

20. **Mauro C.** (2015, May). *Diagnostic Performance of Several Proposed Criteria Sets for Complicated Grief*. Symposium Presentation at the American Psychiatric Association Annual Meeting, Toronto, Canada.
21. **Mauro C.** (2015, March). *The Integral Role of Biostatisticians (and Statistics) in Randomized Clinical Trials*. Invited Lecture at the Fairfield University Pi Mu Epsilon Induction Ceremony, Fairfield, CT.
22. **Mauro C, Zeng D, Shear MK, Wang Y.** (2015, March). *Learning Logic Rules for Disease Classification: With an Application to Developing Criteria Sets for the Diagnostic and Statistical Manual of Mental Disorders*. Oral Presentation at the ENAR International Biometric Society Spring Meeting, Miami, FL.
23. **Mauro C, Zeng D, Shear MK, Wang Y.** (2014, August). *Learning Logic Rules Using An Iterative Algorithm; With an Application to Developing Criteria Sets for the Diagnostic and Statistical Manual of Mental Disorders*. Poster presentation at the Joint Statistical Meetings (JSM), Boston, MA.
24. **Mauro C, Zeng D, Shear MK, Wang Y.** (2014, May). *Learning Logic Rules Using An Iterative Algorithm; With an Application to Developing Criteria Sets for the Diagnostic and Statistical Manual of Mental Disorders*. Poster presentation at the 3rd Annual Thomas R. Ten Have Symposium on Statistics in Psychiatry, New Haven, CT.
25. **Mauro C, Chen H, Wang Y, Zeng D, Duan N, Shear MK.** (2012, May). *Auxiliary Marker-Assisted Statistical Learning Approaches with an Application to Prediction of Complicated Grief in the Absence of a Gold Standard*. Poster presentation at the 1st Annual Thomas R. Ten Have Symposium on Statistics in Psychiatry, Philadelphia, PA.