

JUNED SIDDIQUE, Dr.PH

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EDUCATION

Date degree awarded	Institution	Degree	Discipline
May 1995	University of Wisconsin-Madison	B.S.	Economics
May 2000	George Washington University	M.S.	Statistics
December 2005	University of California, Los Angeles	Dr.P.H.	Biostatistics

TRAINING

Not applicable

LICENSURE/CERTIFICATION

Not applicable

ACADEMIC APPOINTMENTS

Dates	Title	Institution	Department
2005-2008	Research Associate (Assistant Professor)	University of Chicago	Health Studies
2008-2014	Assistant Professor	Northwestern University, Feinberg School of Medicine	Preventive Medicine
2014-present	Associate Professor	Northwestern University, Feinberg School of Medicine	Preventive Medicine
2014-present	Associate Professor	Northwestern University Feinberg School of Medicine	Psychiatry and Behavioral Sciences
2011-present	Full Member	Northwestern University	Robert H. Lurie Comprehensive Cancer Center

HOSPITAL APPOINTMENTS

Not applicable

HONORS AND AWARDS

2001-2003 Public Health Traineeship, U.S. Department of Health and Human Services, UCLA Department of Biostatistics

2003 Student Travel Award, UCLA Department of Biostatistics
2004-2005 Ruth L. Kirschstein Individual National Research Service Award Predoctoral Fellowship (F31),
National Institute of Mental Health
2009 Travel Award, ENAR Workshop for Junior Biostatisticians in Health Research

PROFESSIONAL ORGANIZATIONS

American Statistical Association, 1998-present

Health Policy Statistics Section

Secretary, 2010-2012

Program Chair-Elect, 2013

Program Chair, 2014

Founding Member, Mental Health Statistics Section

Communications Officer, 2013-2014

Chair-Elect, 2015

International Biometric Society, Western North American Region (WNAR), 2002-2005

International Biometric Society, Eastern North American Region (ENAR), 2005-present

Regional Advisory Board, 2010-2013

Student Competition Review Committee, 2011-2012

American Heart Association, 2013-present

American College of Sports Medicine, 2013-present

PROFESSIONAL ACTIVITIES:

A. INSTITUTIONAL SERVICE

2009-present, Member, Program in Public Health (PPH) Curriculum Committee, Northwestern University
Feinberg School of Medicine, Department of Preventive Medicine

2010-present, Member, Galter Health Sciences Library Committee, Northwestern University Feinberg School of
Medicine

2011-present, Chair, PPH Curriculum Committee, Northwestern University Feinberg School of Medicine,
Department of Preventive Medicine

2011-present, Member, PPH Executive Committee, Northwestern University Feinberg School of Medicine,
Department of Preventive Medicine

2011, Judge, Northwestern University Feinberg School of Medicine Public Health Innovation Conference

B. TEACHING

Summers 2006-2008

Course Director

University of Chicago Pritzker School of Medicine

Introduction to STATA

Summer Research Program (1st year medical students)

Summer 2008

Course Director

University of Chicago Department of Health Studies

Introduction to Biostatistics (HSTD 32100)

Master of Science in Health Studies for Clinical Professionals (MSCP) Program

Summers 2010-2012
 Course Director
 Northwestern University Department of Preventive Medicine
 Introduction to Biostatistics (EPI BIO 302)
 Master of Science in Epidemiology and Biostatistics (MSEB) Program

C. TRAINEES

Years	Name (Position)	Project Title	Role
2011-present	Kelly Glazer Baron, PhD MPH, CBSM (Assistant Professor)	K23: Circadian Timing, Sleep, and Adiposity	Statistical consultant
2012-present	Michelle Burns, PhD (Assistant Professor)	K07: Tech-Based Treatment of Depression and Anxiety in Young Men Who Have Sex with Men	Statistical consultant
2015-present	Siobhan M. Phillips, PhD (Assistant Professor)	K07: Designing with Dissemination in Mind: Optimization of a mHealth Physical Activity Intervention for Breast Cancer Survivors	Co-mentor
2015-present	Lisa B. VanWagner, MD, MS (Assistant Professor)	KL2: Prediction of nonalcoholic fatty liver disease using a lifecourse approach	Statistical consultant

D. EXTRAMURAL MEMBERSHIP

- 2005 Conference Session Organizer, “Multiple Imputation in Mental Health Services Research,” Joint Statistical Meetings, Minneapolis, MN, August 2005
- 2007 Judge, University of Chicago Pritzker School of Medicine Summer Research Forum
- 2008 Invited Session Organizer, “Future Directions in Health Policy Statistics,” International Conference on Health Policy Statistics, Philadelphia, PA, January 2008
- 2008-present Administrator, IMPUTE, an international listserv of 200 subscribers dedicated to discussing issues related to imputation
- 2009 Ad hoc Study Section Member, National Institute for Mental Health, Interventions Committee for Adult Disorders, October 2009
- 2010 Organizing Committee, International Conference on Health Policy Statistics
- 2011 Organizing Committee, International Conference on Health Policy Statistics
- 2011 Student Scholarship Committee, Society for Clinical Trials Annual Meeting
- 2011 Grant Reviewer, National Institute of Mental Health, HIV: Treatment Engagement and Retention, Special Emphasis Panel.
- 2012 Grant Reviewer, Patient Centered Outcomes Research Institute (PCORI), Pilot Project Study Section Panel.

- 2012 Grant Reviewer, Patient Centered Outcomes Research Institute (PCORI), Comparative Clinical Effectiveness Research.
- 2013 Organizing Committee, International Conference on Health Policy Statistics
- 2013 Invited Session Organizer, “Statistical methods for data synthesis,” International Conference on Health Policy Statistics, Chicago, IL. October 2013.
- 2013 Invited Session Organizer, “Novel Approaches for Modeling Variance in Longitudinal Studies,” Eastern North American Region of the International Biometrics Society Meeting, Orlando, Florida. March 2013.
- 2013 Grant Reviewer, Patient Centered Outcomes Research Institute (PCORI), Assessment of Prevention, Diagnosis, and Treatment Options.
- 2013 Grant Reviewer, Patient Centered Outcomes Research Institute (PCORI), Improving Methods for Conducting Patient Centered Outcomes Research, November 2013.
- 2015 Organizing Committee, International Conference on Health Policy Statistics
- 2015 Ad hoc Study Section Member, National Institute for Mental Health, Mental Health Services Research Committee, October 2015
- 2015 Invited Session Organizer, “Joint models for the analysis of longitudinal health-related outcomes,” International Conference on Health Policy Statistics, Providence, RI. October 2015.

E. EDITORIAL RESPONSIBILITIES

2015 - present: Associate Editor, *Statistics in Medicine*

F. REVIEW RESPONSIBILITIES

Ad hoc Journal Review

Communications in Statistics: Theory and Methods

Journal of Statistical Planning and Inference

Journal of Official Statistics (2)

Journal of Clinical Oncology (8)

Women’s Health Issues

Journal of the American Statistical Association (2)

Journal of Hospital Medicine (2)

Journal of Psychiatric Research

Computational Statistics and Data Analysis (2)

Communications in Statistics: Simulation and Computation (2)

Journal of Statistical Software (2)

Health Services Research

Journal of Biopharmaceutical Statistics (2)

Circulation: Cardiovascular Quality and Outcomes (3)

Statistics in Medicine (2)

Epidemiology

Administration and Policy in Mental Health and Mental Health Services Research

Psychological Methods

Archives of General Psychiatry

Multivariate Behavioral Research
Prevention Science (2)
Health Services and Outcomes Research Methodology (2)
Journal of Clinical Epidemiology (2)
Survey Methodology
Pharmaceutical Statistics
American Journal of Psychiatry
Paediatric and Perinatal Epidemiology
JAMA
Psychiatry Research
BMC Medical Research Methodology (3)
Statistica Sinica
Circulation
Clinical Trials
Lancet Psychiatry
BMC Public Health
Journal of Educational and Behavioral Statistics

GRANT AWARDS:

Current Funding

R01 HL127491-01 (PI: **Siddique, J**) 3.9 calendar
NIH/NHLBI
Statistical methods to correct for measurement error in self-reported dietary data from lifestyle intervention trials
6/1/15 – 5/31/18
Total direct costs: \$776,198
Role: Principal Investigator

K07 CA154862 (PI: **Siddique, J**) 6.0 calendar
NIH/NCI
Real-Time Analysis of Diet and Activity Data
7/1/11 – 6/30/16
Total direct costs: \$618,641
Role: Principal Investigator

1R21HL113743-01(PI: Kandula, N) *0.6 calendar
NIH/NHLBI
Translating a Heart Disease Lifestyle Intervention into the Community
04/01/12-03/31/14
Total direct costs: \$250,000
Role: Co-investigator
*Effort paid in-kind

Past Funding

R01 MH040859 (PI: Brown/**Siddique**)
NIH/NIMH via University of Miami
Collaborative Data Synthesis for Adolescent Depression Trials
08/16/10 – 05/31/15
Total direct costs: \$17,538 (subcontract only)
Role: NU Subcontract Principal Investigator

R03 HS018815 (PI: **Siddique, J**)
Agency for Healthcare Research and Quality
Comparative Effectiveness of Medication vs. CBT in Depressed Low-Income Women
04/1/10 – 03/31/13
Total direct costs: \$65,372
Role: Principal Investigator

P30 CA60553 (PI: Rosen, S)
NIH/NCI
The Robert H. Lurie Comprehensive Cancer Center
08/01/07 – 07/31/12
Total direct costs: \$1,206,893 (Biostatistics Core only)
Role: Co-investigator Biostatistics Core

R01 HD043323 (PI: Mohr, D)
NIH/NICHHD
A Controlled Trial of CBT for MS Inflammation
12/01/07 – 06/30/10
Total direct costs: \$763,594
Role: Co-investigator

R01 MH59708 (PI: Mohr, D)
NIH/NIMH
Telephone Versus Face to Face Administration of CBT for Depression
04/01/07 – 06/30/12
Total direct costs: \$2,993,610 (subcontract only)
Role: Co-investigator

R01 HL075451 (PI: Spring, B)
NIH/NHLBI
Make Better Choices (MBC2) - Multiple Behavior Change in Diet and Activity
07/31/10 – 04/30/15
Total direct costs: \$1,395,522
Role: Co-investigator

R34 MH078922 (PI: Mohr, D)
NIH/NIMH
Integrated Telemental Health Intervention for Depression in Primary Care
07/01/08 – 06/30/11
Total direct costs: \$405,000
Role: Co-investigator

RC1 DK08712 (PI: Spring, B)
NIH/NIDDK
ENGAGED: E-Networks Guiding Adherence to Goals for Exercise and Diet
09/25/09 – 08/31/11
Total direct costs: \$667,712
Role: Co-investigator

R01 HL0756451 (PI: Spring, B)
NIH/NHLBI
Multiple Behavior Change in Diet and Activity

09/01/04 – 08/31/09
Total direct costs: \$2,372,560
Role: Co-Investigator

R01 GM75292 (PI: Meltzer, D)
NIH/NIGMS
Effectiveness of Training Early Achievers for Careers in Health (TEACH) Research
08/05/05 – 06/30/09
Total direct costs: \$1,735,058
Role: Co-investigator

Pilot Grant (PI: Nix, T)
Chicago Center for Health Promotion Economics
Psychological and Socioeconomic Determinants of Breastfeeding Initiation and Continuation among Low-Income Minority Women
06/25/07 – 06/24/08
Total Direct Costs: \$22,355
Role: Co-investigator

U18 HS016967 (PI: Meltzer, D)
Agency for Healthcare Research and Quality
Hospital Medicine and Economics Centers for Education & Research for Therapeutics
09/01/2007 – 3/31/2011
Total direct costs: \$4,000,000
Role: Co-investigator

Pilot Grant (PI: Lantos, J)
Chicago Center for Health Promotion Economics
Prenatal Care: wise or wasteful?
09/29/06 – 09/30/07
Total direct costs: \$21,798
Role: Co-investigator

(PI: Sachs, G)
Donald W. Reynolds Foundation
Curriculum for the Hospitalized Aging Medical Patient (CHAMP)
09/01/03 – 08/31/07
Total direct costs: \$1,975,067
Role: Co-investigator

INVITED LECTURES

1. “Simulating Multivariate Data,” UCLA Neuropsychiatric Institute Center for Community Health, Los Angeles, CA. July 2003.
2. “Evaluating Factors of a Hot-deck Imputation Procedure in a Longitudinal Depression Treatment Study.” Joint Statistical Meetings, Toronto, ON, August 2004.
3. “Iterative Hot-Deck Imputation using Distance-Based Donor Selection.” Department of Health Studies, University of Chicago. February 2005.
4. “Iterative Hot-Deck Imputation using Distance-Based Donor Selection.” Institute for Health Research and Policy, University of Illinois-Chicago. February 2005.

5. "Iterative Hot-Deck Imputation using Distance-Based Donor Selection." Mayo Clinic, Rochester, MN. March 2005.
6. "Multiple Imputation of a Depression Treatment Trial Using an Iterative Predictive Mean Matching Hot-deck." Joint Statistical Meetings, Minneapolis, MN. August 2005.
7. "Multiple Imputation using an Iterative Hot-Deck with Distance-Based Donor Selection." Department of Biostatistics, University of Illinois-Chicago. January 2007.
8. "Using an Approximate Bayesian Bootstrap to Multiply Impute Nonignorable Missing Data," International Conference on Health Policy Statistics, Philadelphia, PA. January 2008.
9. "Multiple Imputation using an Iterative Hot-Deck with Distance-Based Donor Selection." Department of Preventive Medicine, Feinberg School of Medicine, Northwestern University. July 2008.
10. "Correcting for Measurement Error in Diagnoses of Post-Traumatic Stress Disorder." Joint Statistical Meetings, Denver, CO. August 2008.
11. "Missing Data in Longitudinal Trials: Analytic Issues." Invited Presentation, Prevention Science Methodology Group, University of South Florida. February 2009.
12. "Missing Data in Longitudinal Trials: Analytic Issues." Joint Bioinformatics/Biostatistics Seminar, Feinberg School of Medicine, Northwestern University. March 2009.
13. "Missing Data in Longitudinal Trials: Analytic Issues." Cancer Prevention and Control Seminar, Feinberg School of Medicine, Northwestern University. April 2009.
14. "A Missing Data Approach for Calibrating Rater Bias: Application to Diagnoses of Post-Traumatic Stress Disorder." Department of Health Studies, University of Chicago. April 2009.
15. "Modeling Major Lung Resection Outcomes using Classification Trees and Multiple Imputation Techniques." 5th Annual John and Joyce Benfield Lectureship in Thoracic Surgery. University of Chicago. October 2009.
16. "Latent Variable Modeling and Multiple Imputation to Calibrate Rater Bias: Application to a Diagnosis of Posttraumatic Stress Disorder." Prevention Science Methodology Group, University of South Florida. November 2009.
17. "Latent Variable Modeling and Multiple Imputation to Calibrate Rater Bias: Application to a Diagnosis of Posttraumatic Stress Disorder." Department of Biostatistics, University of Illinois-Chicago. November 2009.
18. "Using Latent Variable Modeling and Multiple Imputation to Calibrate Rater Bias: Application to a Diagnosis of Posttraumatic Stress Disorder." International Conference on Health Policy Statistics, Washington, DC. January 2010.
19. "Missing Data in Longitudinal Trials: Analytic Issues." Chicago Chapter of the American Statistical Association. March 2010.
20. "Missing Data in Longitudinal Trials: Analytic Issues." Institute for Healthcare Studies postdoctoral fellows seminar, Feinberg School of Medicine, Northwestern University. April 2010.

21. "Generating Multiple Imputations from Multiple Models to Incorporate Model Uncertainty in Nonignorable Missing Data Problems." Department of Preventive Medicine, Feinberg School of Medicine, Northwestern University. October 2010.
22. "Generating Multiple Imputations from Multiple Models to Incorporate Model Uncertainty in Nonignorable Missing Data Problems." Prevention Science Methodology Group, University of South Florida. November 2010.
23. "Generating Multiple Imputations from Multiple Models to Incorporate Model Uncertainty in Nonignorable Missing Data Problems." Eastern North American Region of the International Biometrics Society Meeting, Miami, Florida. March 2011.
24. "Generating Multiple Imputations from Multiple Models to Incorporate Model Uncertainty in Nonignorable Missing Data Problems." Department of Biostatistics, University of Illinois-Chicago. October 2011.
25. "Comparative Effectiveness of Medication vs. CBT in Depressed Low-Income Women." International Conference on Health Policy Statistics, Cleveland, OH. October 2011.
26. "On the relationship between physical activity and sedentary behavior: Preliminary results from a randomized lifestyle intervention trial." Department of Kinesiology, University of Massachusetts-Amherst. September 2012.
27. "Harmonizing Measures Across Multiple Trials using Multiple Imputation." Prevention Science Methodology Group, University of Miami. November 2012.
28. "Addressing Missing Data Mechanism Uncertainty using Multiple-Model Multiple Imputation: Application to a Longitudinal Clinical Trial." Division of Biostatistics, Medical College of Wisconsin. November 2012.
29. "An Introduction to Latent Class Methods for Longitudinal Data." CARDIA Statistical Methodology Workshop, Chicago, Illinois. February 2013.
30. "Bayesian Mixed-effects Location Scale Models for the Analysis of Objectively Measured Physical Activity Data from a Lifestyle Intervention Trial." Eastern North American Region of the International Biometrics Society Meeting, Orlando, Florida. March 2013.
31. "A multiple imputation approach for combining data across multiple trials that use different outcome measures." International Conference on Health Policy Statistics, Chicago, IL. October 2013.
32. "A multiple imputation approach for combining data across multiple trials that use different outcome measures." Department of Biostatistics, University of Illinois-Chicago. November 2013.
33. "A multiple imputation approach for combining data across multiple trials that use different outcome measures." Department of Biostatistics and Medical Informatics, University of Wisconsin-Madison. January 2014.
34. "Using multiple imputation to harmonize data across multiple trials that use different outcome measures." Eastern North American Region of the International Biometrics Society Meeting, Baltimore, Maryland. March 2014.
35. "Multiple imputation for harmonizing non-commensurate measures in individual participant data meta-analysis." Department of Public Health Sciences, University of Chicago. November 2014.

36. "Multiple imputation for harmonizing non-commensurate measures in individual participant data meta-analysis." Department of Statistics, Western Michigan University. November 2014.
37. "Multiple imputation for harmonizing non-commensurate measures in individual participant data meta-analysis." Department of Preventive Medicine, Rush University Medical Center. December 2014.
38. "Multiple imputation for harmonizing non-commensurate measures in individual participant data meta-analysis." Department of Statistics, Northwestern University. May 2015.
39. "Multiple imputation for harmonizing non-commensurate measures in individual participant data meta-analysis." Nordic-Baltic Biometric Conference, Reykjavik, Iceland. June 2015
40. "Joint modeling the frequency and duration of physical activity using data from a lifestyle intervention trial." International Conference on Health Policy Statistics, Providence, RI. October 2015.

PUBLICATIONS

A. Original Investigations

1. Miranda J, Chung JY, Green BL, Krupnick J, **Siddique J**, Revicki DA, Belin T. Treating Depression in Predominantly Low-Income Young Minority Women. *Journal of the American Medical Association*. 2003;290:57-65.
2. Green B, Miranda J, Daroowalla A, **Siddique J**. Mental Health and Programming Needs of Incarcerated Women with Trauma. *Crime & Delinquency*. 2005;51:133-151.
3. Miranda J, **Siddique J**, Der-Martirosian C, Belin TR. Depression among Latina Immigrant Mothers Separated from their Children. *Psychiatric Services*. 2005;56:717-720.
4. Miranda J, **Siddique J**, Belin TR, Kohn-Wood LP. Depression Prevalence in Disadvantaged Young Black Women: African and Caribbean Immigrants Compared to US-born African Americans. *Social Psychiatry and Psychiatry Epidemiology*. 2005;40:253-258.
5. Revicki DA, **Siddique J**, Frank L, Chung JY, Green BL, Krupnick J, Prasad M, Miranda J. Cost-effectiveness of Evidence-Based Pharmacotherapy or Cognitive Behavior Therapy Compared With Community Referral for Major Depression in Predominantly Low-Income Minority Women. *Archives of General Psychiatry*. 2005;62:868-875.
6. Miranda J, Green BL, Krupnick JL, Chung J, **Siddique J**, Belin TR, Revicki D. One-year Outcomes of a Randomized Clinical Trial Treating Depression in Low-Income Minority Women. *Journal of Clinical and Consulting Psychology*. 2006;74:99-111.
7. Green BL, Krupnick JL, Chung J, **Siddique J**, Krause ED, Revicki D, Frank L, Miranda J. Impact of PTSD Co-Morbidity on One-Year Outcomes in a Depression Trial. *Journal of Clinical Psychology*. 2006;62:815-835.
8. Arora VM, Seiden SC, Higa JT, **Siddique J**, Meltzer DO, Humphrey H. The Effect of a Medical Student Duty Hour Policy on Teaching Processes and Student Satisfaction. *The American Journal of Medicine*. 2006;119:1089-1095.
9. **Siddique J**, Belin TR. Multiple Imputation using an Iterative Hot-Deck with Distance-Based Donor Selection. *Statistics in Medicine*. 2008;27:83-102.

10. Stockdale S, Lagomasino I, **Siddique J**, McGuire T, Miranda J. Racial and Ethnic Disparities in Detection and Treatment of Depression and Anxiety Among Psychiatric and Primary Health Care Visits, 1995-2003. *Medical Care*. 2008;46:668-677.
11. Arora VM, Georgitis E, **Siddique J**, Vekhter B, Woodruff JN, Humphrey HJ, Meltzer DO. Association of Workload of On-Call Medical Interns with On-Call Sleep Duration, Shift Duration, and Participation in Educational Activities. *Journal of the American Medical Association*. 2008;300:1146-1153.
12. **Siddique J**, Belin TR. Using an Approximate Bayesian Bootstrap to Multiply Impute Nonignorable Missing Data. *Computational Statistics and Data Analysis*. 2008;53:405-415. PMID: PMC2678725
13. Ferguson MK, **Siddique J**, Karrison T. Modeling Major Lung Resection Outcomes using Classification Trees and Multiple Imputation Techniques. *European Journal of Cardio-thoracic Surgery*. 2008;34:1085-1089.
14. **Siddique J**, Brown CH, Hedeker D, Duan N, Gibbons RD, Lavori PW, Miranda J. Missing Data in Longitudinal Trials-Part B Analytic Issues. *Psychiatric Annals*. 2008;38:793-801. PMID: PMC2722118
15. Marcus SM, **Siddique J**, Gibbons RD, Normand SLT. Balancing Treatment Comparisons in Longitudinal Studies. *Psychiatric Annals*. 2008;38:805-811. PMID: PMC2722117
16. **Siddique J**, Harel O. MIDAS: A SAS Macro for Multiple Imputation using Distance-Aided Selection of Donors. *Journal of Statistical Software*. 2009;29:1-18.
17. VanderWeele TJ, Lantos JD, **Siddique J**, Lauderdale DS. A Comparison of Four Prenatal Care Indices in Birth Outcome Models: Comparable Results for Predicting Small-for-Gestational-Age Outcome but Different Results for Preterm Birth or Infant Mortality. *Journal of Clinical Epidemiology*. 2009;62:438-445.
18. Agarwal S, Oak N, **Siddique J**, Harland RC, Abbo E. Changes in Pediatric Renal Transplantation After Implementation of the Revised Deceased-donor Kidney Allocation Policy. *American Journal of Transplantation*. 2009;9:1237-1242.
19. Teixeira-Pinto A, **Siddique J**, Gibbons R, Normand SLT. Statistical Approaches to Modeling Multiple Outcomes in Psychiatric Studies. *Psychiatric Annals*. 2009;39:729-735. PMID: PMC2798811
20. Arora V, Plein C, Chen S, **Siddique J**, Sachs G, Meltzer D. Relationship between quality of care and functional decline for hospitalized vulnerable elders. *Medical Care*. 2009;47:895-901. PMID: PMC2751845
21. Shortell SM, Gillies RR, **Siddique J**, Casalino LP, Rittenhouse DR, Robinson JC, McCurdy RK. Improving Chronic Illness Care: A National Cohort Analysis of Physician Practices. *Medical Care*. 2009;47:932-939.
22. Whelan CT, Kaboli P, Zhang Q, **Siddique J**, Ye S, Meltzer DO. Upper Gastrointestinal Hemorrhage: Have New Therapeutics Made a Difference? *Journal of Hospital Medicine*. 2009;4:E6-E10.
23. Kirkham E, Sacks C, Baroody F, **Siddique J**, Nevins ME, Suskind D. Health Disparities in Pediatric Cochlear Implantation: An Audiologic Perspective. *Ear and Hearing*. 2009;30:515-525.
24. **Siddique J**, Lauderdale DS, VanderWeele TJ, Lantos JD. Trends in Prenatal Ultrasound Use in the United States: 1995-2006. *Medical Care*. 2009;47:1129-1135.

25. Whelan CT, Chen C, Kaboli P, **Siddique J**, Prochaska M, Meltzer DO. Upper versus Lower Gastrointestinal Bleeding: A Direct Comparison of Clinical Presentation, Outcomes, and Resource Utilization. *Journal of Hospital Medicine*. 2010;5:141-147.
26. Lauderdale DS, VanderWeele TJ, **Siddique J**, Lantos JD. Prenatal Care Utilization in Excess of Recommended Levels: Trends from 1985-2004. *Medical Care Research and Review*. 2010;67:609-622.
27. Rittenhouse DR, Shortell SM, Gillies RR, Casalino LP, Robinson JC, McCurdy RK, **Siddique J**. Improving Chronic Illness Care: Findings from a National Study of Care Management Processes in Large Physician Practices. *Medical Care Research and Review*. 2010;67:301-320.
28. Mohr DC, **Siddique J**, Jin L, Fokuo JK. Interest in Behavioral and Psychological Treatments Delivered Face-to-Face, by Telephone and by Internet. *Annals of Behavioral Medicine*. 2010;40:89-98.
29. Burns MN, **Siddique J**, Fokuo JK, Mohr DC. Comorbid Anxiety Disorders and Treatment of Depression in Patients with Multiple Sclerosis. *Rehabilitation Psychology*. 2010;55:255-262.
30. **Siddique J**, Crespi CM, Gibbons RD, Green B. Using Latent Variable Modeling and Multiple Imputation to Calibrate Rater Bias in Diagnosis Assessment. *Statistics in Medicine*. 2011;30:160-174.
31. Cosio D, Jin L, **Siddique J**, Mohr D. The Effect of Telephone-Administered Cognitive-Behavioral Therapy on Quality of Life among Patients with Multiple Sclerosis. *Annals of Behavioral Medicine*. 2011;41:227-234.
32. **Siddique J**, Lantos JD, VanderWeele TJ, Lauderdale, DS. Screening Tests during Prenatal Care: Does practice follow the evidence? *Maternal and Child Health Journal*. 2012; 16:51-59.
33. Ferguson MK, Dignam JJ, **Siddique J**, Vigneswaran WT, Celauro AD. Diffusing capacity predicts long-term survival after lung resection for cancer. *European Journal of Cardio-thoracic Surgery*. 2012; 41:e81-e86.
34. Spring B, Schneider K, McFadden HG, Vaughn J, Kozak AT, Smith M, Moller AC, Epstein L, DeMott A, Hedeker D, **Siddique J**, Lloyd-Jones D. Multiple Behavior Changes in Diet and Activity: A Randomized Clinical Trial Using Mobile Technology. *Archives of Internal Medicine*. 2012; 172:789-796.
35. Mohr DC, Ho J, Duffecy J, Reifler D, Sokol L, Burns MN, Jin L, **Siddique J**. Effect of Telephone-Administered vs Face-to-face Cognitive Behavioral Therapy on Adherence to Therapy and Depression Outcomes Among Primary Care Patients. *Journal of the American Medical Association*. 2012; 307:2278-2285.
36. Craft LL, Zderic TW, Gapstur SM, VanIterson EH, Thomas DM, **Siddique J**, Hamilton MT. Evidence that women meeting physical activity guidelines do not sit less: An observational inclinometry study. *International Journal of Behavioral Nutrition and Physical Activity*. 2012; 9:122.
37. **Siddique J**, Chung JY, Brown CH, Miranda J. Comparative effectiveness of medication versus cognitive behavioral therapy in a randomized controlled trial of predominantly low-income young minority women with depression. *Journal of Consulting and Clinical Psychology*. 2012; 80:995-1006.
38. Mohr DC, Lovera J, Brown T, Cohen B, Neylan T, Henry R, **Siddique J**, Jin L, Daikh D, Pelletier D. A randomized trial of stress management for the prevention of new brain lesions in MS. *Neurology*. 2012; 79:412-419.

39. **Siddique J**, Harel O, Crespi CM. Addressing Missing Data Mechanism Uncertainty using Multiple-Model Multiple Imputation: Application to a Longitudinal Clinical Trial. *Annals of Applied Statistics*. 2012; 6:1814-1837.
40. Pellegrini CA, Duncan JM, Moller A, Buscemi J, Sularz A, DeMott A, Pictor A, Pagoto S, **Siddique J**, Spring B. A Smartphone-Supported Weight Loss Program: Design of the ENGAGED Randomized Controlled Trial. *BMC Public Health*. 2012;12:1041.
41. Abbo ED, Yuen TC, Buhrmester L, Geocadin R, Volandes AE, **Siddique J**, Edelson DP. Cardiopulmonary Resuscitation Outcomes in Hospitalized Community-Dwelling and Nursing Home Patients Based on Activities of Daily Living. *Journal of the American Geriatrics Society*. 2013;61:34-39.
42. Spring B, Duncan JM, Janke A, Kozak AT, McFadden HG, Demott A, Pictor A, Epstein LH, **Siddique J**, Pellegrini CA, Buscemi J, Hedeker D. Integrating Technology into Standard Weight Loss Treatment: A Randomized Controlled Trial. *Archives of Internal Medicine*. 2013;173:105-111.
43. Burns MN, Nawacki E, **Siddique J**, Pelletier D, Mohr DC. Prospective examination of anxiety and depression before and during confirmed and pseudo-exacerbations in patients with Multiple Sclerosis. *Psychosomatic Medicine*. 2013;75:76-82.
44. Kandula NR, Patel Y, Dave S, Seguil P, Kumar S, Baker DW, Spring B, **Siddique J**. The South Asian heart lifestyle intervention (SAHELI) study to improve cardiovascular risk factors in a community setting: Design and methods. *Contemporary Clinical Trials*. 2013;36:479-487.
45. Allen NB, **Siddique J**, Wilkins J, Shay C, Lewis CE, Goff DC, Jacobs DR, Liu K, Lloyd-Jones D. Blood pressure trajectories in early adulthood and subclinical atherosclerosis in middle age. *Journal of the American Medical Association*. 2014;311:490-497.
46. **Siddique J**, Harel O, Crespi CM, Hedeker D. Binary variable multiple-model multiple imputation to address missing data mechanism uncertainty: Application to a smoking cessation trial. *Statistics in Medicine*. 2014;33:3013-3028.
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