Ana-Maria Iosif, Ph.D.

Research/Academic Interests

Ana-Maria Iosif's primary research interest lies in the analysis of data with complex structure, including repeated measures, longitudinal assessments with dropouts, and clustered data with informative cluster size. Her methodological focus is on a specific subtype of these data, in which entire clusters of observations are collected repeatedly for individuals (over time or over different conditions).

Her interdisciplinary work focuses on mental health and she enjoys a very productive collaboration with UC Davis Department of Psychiatry and Behavioral Sciences. She also collaborates with investigators from the MIND Institute, Departments of Internal Medicine, Neurology, and the Center for Neuroscience.

Title

Associate Professor, Ph.D.

Specialty

Public Health Sciences- Division of Biostatistics

Division

Biostatistics

Center/Program Affiliation

UC Davis MIND Institute

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Languages

Italian, Romanian

Education

Ph.D., University of Pittsburgh, Pittsburgh PA 2007
B.S., University of Bucharest, Romania, 1997
M.A., University of Bucharest, Romania, 2000
M.A., University of Pittsburgh, Pittsburgh PA 2004

Professional Memberships

American Statistical Association
Institute of Mathematical Statistics
International Society for Autism Research
Society for Epidemiologic Research

Honors and Awards

University of California Davis Travel Grant to attend JSM, San Diego, CA, 2012
University of California Davis Travel Grant to attend JSM, Miami Beach, FL, 2011
University of California Davis Travel Grant to attend JSM, Vancouver, Canada, 2010

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ENAR Travel Grant to attend the Workshop for Junior Biostatisticians in Health Research, New Orleans, LA, 2010

Best Senior Graduate Student Award, Department of Statistics, University of Pittsburgh, 2007

University of Pittsburgh Arts and Sciences Graduate Student Organization and Graduate and Professional Student Organization Travel Grants to attend JSM, Seattle, WA, 2006

Socrates/Erasmus European Scholarship, University of Almer?a, Spain, 2000

Best Graduate Student Award, National School of Political Studies and Public Administration, Bucharest, Romania, 1999

Select Recent Publications

Otha H, Nordahl CW, Iosif AM, Lee A, Rogers S, Amaral DG. Increased surface area, but not cortical thickness, in a subset of young boys with autism spectrum disorder. Autism Res. 2016;9 (2): 232–48.

Nordahl CW, Iosif AM, Young GS, Perry ML, Dougherty R, Lee A, Li D, Buonocore MH, Simon T, Rogers S, Wandell B, Amaral DG. Sex differences in the corpus callosum in preschool-aged children with autism spectrum disorder. Mol Autism. 2015;6:26.

Ozonoff S, Young GS, Landa RJ, Brian J, Bryson S, Charman T, Chawarska K, Macari SL, Messinger D, Stone WL, Zwaigenbaum L, Iosif AM. Diagnostic Stability in Young Children at Risk for Autism Spectrum Disorder: A Baby Siblings Research Consortium Study. J Child Psychol Psychiatry. 2015; 56(9):988-98.

Henry SG, Wilsey BA, Melnikow JA, Iosif AM. Dose Escalation during the First Year of Long-Term Opioid Therapy for Chronic Pain. Pain Med. 2015;16(4):733–44.

Bauman MD, Iosif AM, Smith SEP, Bregere C, Amaral DG, Patterson PH. Activation of the maternal immune system during pregnancy alters behavioral development of rhesus monkey offspring. Biol Psychiatry. 2014;75(4): 332 -41.

Ozonoff S, Young GS, Belding A, Hill A, Hill M, Hutman T, Johnson S, Miller M, Rogers SJ,

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Schwichtenberg AJ, Steinfeld MB, Iosif AM. The broader autism phenotype in infancy: When does It emerge? J Am Acad Child Adolesc Psychiatry. 2014;53(4): 399 -407.e1 -2.

Iosif AM, Sampson AR. A model for repeated clustered data with informative cluster sizes. Stat Med, 2014;33(5): 738 -59.

Kravitz RL, Franks P, Feldman MD, Tancredi DJ, Slee CA, Epstein RM, Duberstein PR, Bell RA, Jackson-Triche M, Paterniti DA, Cipri C, Iosif AM, Olson S, Kelly-Reif S, Hudnut A, Dvorak S, Turner C, Jerant A. Patient engagement programs for recognition and initial treatment of depression in primary care: A randomized trial. JAMA. 2013;310(17):1818–28.

Anders T, Iosif AM, Schwichtenberg AJ, Tang K, Goodlin-Jones B. Sleep and daytime functioning: a short-term longitudinal study of three preschool-age comparison groups. *American Journal on Intellectual and Developmental Disabilities*, 2012 117(4): 275?90

Ozonoff S, Iosif AM, Young GS, Hepburn S, Thompson MR, Colombi C, Werner E, Goldring S, Baguio F, Rogers SJ. Onset patterns in autism: Correspondence between home video and parent report. J Am Acad Child Adolesc Psychiatry. 2011; 50(8): 796?806.e1.

Ozonoff S, Iosif AM, Baguio F, Cook IC, Hill MM, Hutman T, Rogers SJ, Rozga A, Sangha S, Sigman M, Steinfeld MB, Young GS. A prospective study of the emergence of early behavioral signs of autism. J Am Acad Child Adolesc Psychiatry, 2010; 49(3): 256?66.e1-2.

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