



Ana-Maria Iosif, Ph.D.

Clinical 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). Dr. Iosif enjoys a fruitful collaboration with the UC Davis Department of Psychiatry and Behavioral Sciences and also works with investigators from the MIND Institute, Department of Neurology and Center for Neuroscience.
Title	Associate Professor, Ph.D.
Specialty	Public Health Sciences- Division of Biostatistics
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Languages	Italian, Romanian
Education	Ph.D., University of Pittsburgh, Pittsburgh, Pennsylvania, 2007 B.S., University of Bucharest, Romania, 1997 M.A., University of Bucharest, Romania, 2000 M.A., University of Pittsburgh, Pittsburgh, Pennsylvania, 2004
Professional Memberships	American Statistical Association Institute of Mathematical Statistics International Society for Autism Research Society for Epidemiologic Research



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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
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 Almería, Spain, 2000
Best Graduate Student Award, National School of Political Studies and Public Administration, Bucharest, Romania, 1999

Select Recent Publications

Jusko TA, Sisto R, Iosif AM, Moleti A, Wimmerová S, Lancz K, Tihányi J, Šovčíková E, Drobná B, Palkovicová L, Jurecková D, Thevenet-Morrison K, Verner MA, Sonneborn D, Hertz-Picciotto I, Trnovec T. Prenatal and postnatal serum PCB concentrations and cochlear function in children at 45 months of age. *Environ Health Perspect.* 2014;122(11): 1246 -52.

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, 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



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depression in primary care: A randomized trial. *JAMA*, 2013, 310(17): 1818–28.

Bauman MD, Iosif AM, Ashwood P, Braunschweig D, Lee A, Schumann CM, Van de Water J, Amaral DG. Maternal antibodies from mothers of children with autism alter brain growth and social behavior development in the rhesus monkey. *Translational Psychiatry*, 2013 3: e278.

Zerbo O, Iosif AM, Walker C, Ozonoff S, Hansen RL, Hertz-Picciotto I. Is maternal influenza or fever during pregnancy associated with autism or developmental delays? Results from the CHARGE (CHildhood Autism Risks from Genetics and Environment) Study. *J Autism Dev Disord*. 2013; 43: 25–33.

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.

Anders TF, Iosif AM, Schwichtenberg AJ, Tang K, Goodlin-Jones BL. Six-month sleep-wake organization and stability in preschool-age children with autism, developmental delay, and typical development. *Behav Sleep Med*. 2010; 9(2): 92–106.

Iosif AM, Sampson AR. A model for repeated clustered data with informative cluster sizes. *Statistics in Medicine*. 2013

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