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MARIA E. PAGANO (Ph.D., Psychology, Northwestern University; M.S. Biostatistics, Case Western Reserve University) is Associate Professor in the Department of Psychiatry at Case Western Reserve University and Affiliate Faculty at the Center for Applied Research on Substance Use and Health Disparities. Dr. Pagano has been a Principal Investigator, Co-Investigator, or Senior Statistical Analyst in over ten NIH-funded investigations. She is currently the Principal Investigator of a longitudinal, prospective investigation with 200 young adult poly-drug users court-referred to addiction treatment. She is also Co-Investigator of a NIH-funded study of tobacco use among young adults with substance use disorders. Dr. Pagano has conducted research studies with young adult populations on alcohol, drug, and nicotine use, sexual risk behaviors, sexually transmitted infections, recidivism, and community-based interventions since 2000. Special areas of focus of this work have including the influence of social networks, prosocial behaviors, psychiatric comorbidity, and trauma on health risk behaviors. As a trained biostatistician, she has extensive experience in the application of advanced quantitative methods to problems of substance abuse, infectious diseases, and mental conditions with clinical populations followed over time. Her statistic expertise includes hierarchical linear modeling, random and fixed effects regression, latent growth, analysis of clinical trials, event history methods, cluster analysis, propensity score analysis, multiple imputation, and instrument development. She has over 100 publications in the area of substance abuse and related problems, has co-authored a number of books and guides on the topic of mechanisms of behavioral change in addiction recovery, and is co-author of the most recent edition of *Understanding Statistics in the Behavioral Sciences* (10<sup>th</sup> edition). Dr. Pagano has served on several NIH statistical review committees, and is an active member of the College of Problems of Drug Dependence and the Research Society on Alcoholism.

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