

**Postdoc****Publication: Methods-L listserv****Ad Code: B32809**

The Methodology Center at the Pennsylvania State University is seeking a postdoctoral fellow to work with Dr. Linda M. Collins on the development, advancement, and dissemination of approaches for building highly efficacious, effective, and cost-effective behavioral interventions. These approaches include phased experimentation using the Multiphase Optimization Strategy, and applications of dynamical systems and engineering-based controllers. The individual will collaborate on research with an interdisciplinary team. Duties include conducting data analyses; participating in preparing conference presentations and scientific articles for publication; interfacing with intervention scientists who are collaborators or potential collaborators in this research; and participating in team teaching of courses and workshops. There will be opportunities for authorship on publications, including first authorship. There will also be opportunities to participate in preparing applications for external funding. Qualified individuals will have a Ph.D. in the social, behavioral or health sciences, very strong methodological skills and interests, and an interest in behavioral intervention science. Individuals with a Ph.D. in statistics or biostatistics with a demonstrated interest in the social, behavioral or health sciences, particularly intervention science, also will be considered. Preference will be given to candidates who are interested in developing a research program in the general area of applied research methods for building highly efficacious, effective, and cost-effective behavioral interventions. Excellent written and oral English communication skills are required. Background in any of the following areas will be considered a plus: substance use or HIV risk behavior; experimental design, particularly factorial experiments; engineering; economic cost-effectiveness analysis; decision analysis. The ideal candidate will have demonstrated productivity in terms of published journal articles and scientific conference presentations. The Methodology Center is a well-established and highly regarded interdisciplinary research center comprised of faculty, research associates, postdoctoral fellows and graduate students. The Center is devoted to addressing methodological issues that arise in social, behavioral and health sciences, particularly issues related to the prevention and treatment of drug abuse, HIV/AIDS, and related outcomes. The successful applicant will have exceptional resources to facilitate his or her research, including access to administrative and software support staff, any required hardware and software, and travel funding for at least one scientific conference annually. The position is for one year, with excellent possibility of re-funding for at least one additional year. The salary and benefits associated with this position are competitive. Send (1) a letter of application indicating research interests, career goals, and experience; (2) a curriculum vita; and (3) three letters of professional reference to: Stephanie Lanza, Ph.D., Scientific Director, The Methodology Center, The Pennsylvania State University, 204 E. Calder Way, Suite 400, State College, PA 16801. Review of applications will begin immediately and continue until the positions are filled. For more information, visit the Methodology Center website at <http://methodology.psu.edu/> or contact Dr. Lanza (phone: 814-865-7095, e-mail: [slanza@psu.edu](mailto:slanza@psu.edu)). Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.

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## Research Associate

The Methodology Center at the Pennsylvania State University is seeking a research associate. The research associate will work with Dr. Linda M. Collins on the development, advancement, and dissemination of approaches for building highly efficacious, effective, and cost-effective behavioral interventions. These approaches include phased experimentation using the Multiphase Optimization Strategy, and applications of dynamical systems and engineering-based controllers. The individual will collaborate on research with an interdisciplinary team. Duties include conducting data analyses; participating in preparing conference presentations and scientific articles for publication; interfacing with intervention scientists who are collaborators or potential collaborators in this research; and participating in team teaching of courses and workshops. The candidate will be expected to remain productive in terms of publishing in peer-review outlets, and to participate in preparing applications for external funding. Qualified individuals will have a Ph.D. in the social, behavioral or health sciences, very strong methodological skills and interests, and an interest in behavioral intervention science. Individuals with a Ph.D. in statistics or biostatistics with a demonstrated interest in the social, behavioral or health sciences, particularly intervention science, also will be considered. Demonstrated productivity in terms of published journal articles and scientific conference presentations is required. Preference will be given to candidates who are interested in developing a research program in the general area of applied research methods for building highly efficacious, effective, and cost-effective behavioral interventions. Excellent written and oral English communication skills are required. Background in any of the following areas will be considered a plus: substance use or HIV risk behavior; experimental design, particularly factorial experiments; engineering; economic cost-effectiveness analysis; decision analysis. The Methodology Center is a well-established and highly regarded interdisciplinary research center comprised of faculty, research associates, postdoctoral fellows and graduate students. The Center is devoted to addressing methodological issues that arise in social, behavioral and health sciences, particularly issues related to the prevention and treatment of drug abuse, HIV/AIDS, and related outcomes. The successful applicant will have exceptional resources to facilitate his or her research, including access to administrative and software support staff, any required hardware and software, and travel funding for at least one scientific conference annually. The position is for one year, with excellent possibility of re-funding for at least one additional year. The salary and benefits associated with this position are competitive. Send (1) a letter of application indicating research interests, career goals, and experience; (2) a curriculum vita; and (3) three letters of professional reference to: Stephanie Lanza, Ph.D., Scientific Director, The Methodology Center, The Pennsylvania State University, 204 E. Calder Way, Suite 400, State College, PA 16801. Review of applications will begin immediately and continue until the positions are filled. For more information, visit the Methodology Center website at <http://methodology.psu.edu/> or contact Dr. Lanza (phone: 814-865-7095, e-mail: [slanza@psu.edu](mailto:slanza@psu.edu)). Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.