



SPR 18th Annual Meeting

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ID# 472

Location: Mt. Evans B (Atrium Tower/2nd Floor)

Time of Presentation: Jun 04 1:00 PM - 2:30 PM

Category/Theme: Implementation Science

Web-based applications to support randomized trials and dissemination of prevention programs: Emerging directions

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Presenters:

Jeanne Poduska, American Institutes for Research

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Chair: Peter A. Wyman

Discussant: Irwin Sandler, Arizona State University

Web-based applications have the potential to enhance the efficiency of multi-site randomized trials, and promote prevention program implementation and dissemination. Their potential uses include: 'real-time' data collection; engaging participants and training dissemination; monitoring trials in remote locations such as rural sites; surveillance of health status to inform communities about ongoing prevention activities; and informing choices for future prevention programming. With the proliferation of 'New Media' sites, web-based applications also have the potential for integrating with existing social network sites to serve as vehicles for prevention, through peer-to-peer information exchange to modify social norms.

This symposium presents diverse examples of web-based applications. The first presentation describes a web-based system developed to support data collection and data-informed implementation support for teachers across multiple states implementing the Good Behavior Game (GBG). The authors will present findings regarding the development of the system and results from the system's initial use. The second presentation describes a university-school district partnership developed to implement a web-based system to monitor school violence incidents across 117 schools. Data collected over several years of use will be summarized to illustrate its use for research and data-based decision-making related to school prevention and program planning. The final presentation describes an ongoing randomized trial of an adolescent suicide prevention program delivered by teen 'peer leaders' in rural schools. A web-based application is used for administrative monitoring, data collection, and general communication. Data from this system will be presented illustrating variation in program fidelity and diffusion across schools. In addition, teen leaders in the intervention disseminate peer-to-peer prevention messages through social network sites.

The discussion will focus on lessons learned and other potential innovative uses for web-based applications within prevention.