





2016 Networking to Enhance Development Conference
PANEL: Ahead of the Curve: Using Technology to Advance Research

Panelists	Study Summary	Technology Benefits
 <p>Julie Cooper jbc@uw.edu Project Manager UW Department of Surgery</p>	<p><u>Post-Operative Wound Evaluation</u></p> <ul style="list-style-type: none"> • A joint project between the UW Departments of Nursing and Surgery • Begun organically by patients 	<p><u>Mobile Phone</u></p> <ul style="list-style-type: none"> • Avoid ER visits • Reach distant patients • No more lost discharge paperwork!
 <p>Jesse Gritton jesse.gritton@seattlechildrens.org Clinical Research Associate Seattle Children’s Research Institute</p>	<p><u>Social Media and Adolescent Substance Use</u></p> <ul style="list-style-type: none"> • Social Media and Adolescent Health Research Team (SMAHRT) • Facebook posts and their impact on adolescent substance use, attitudes, decisions, and behaviors 	<p><u>Facebook</u></p> <ul style="list-style-type: none"> • Familiar technology for adolescents • Good study retention • Capture social changes in real time • Free!
 <p>Liz Klein elizabeth.kleine@seattlechildrens.org Clinical Research Associate Seattle Children’s Research Institute</p>	<p><u>Kidney Transplants in Children</u></p> <ul style="list-style-type: none"> • Evaluation of post-transplant outcomes <hr/> <p><u>Asthma Education</u></p> <ul style="list-style-type: none"> • Educating parents of children with asthma • Increasing awareness of home air quality 	<p><u>Electronic Pill Box</u></p> <ul style="list-style-type: none"> • Accurate data capture in real time <hr/> <p><u>Text Messaging & Tablet “App”</u></p> <ul style="list-style-type: none"> • Education via preferred mode for teens & parents • Tablet “app” home air quality monitoring system: real-time information
 <p>Javier Rizo rizoj@uw.edu Research Coordinator UW Department of Psychiatry & Behavioral Sciences</p>	<p><u>Behavioral Interventions with Special Populations</u></p> <ul style="list-style-type: none"> • Smoking cessation program for those with serious mental illness <hr/> <p><u>Health Interventions and Wearable Technology</u></p> <ul style="list-style-type: none"> • Stress reduction interventions • Sleep studies 	<p><u>Mobile Phone App</u></p> <ul style="list-style-type: none"> • Reach difficult population • Education • Tracking cigarette usage <hr/> <p><u>Wearable band, Facebook</u></p> <ul style="list-style-type: none"> • Rich data capture • Ease of consent & recruitment