

Active Living Research Annual Conference
Workshop:
***Using Accelerometers and GPS in Active Living Research:
Practical Issues***

February 18, 2009

DESCRIPTION OF WORKSHOP

In this workshop participants will gain knowledge and share experiences in using accelerometers for active living research. The workshop will begin with an overview of available accelerometers and practical issues such as equipment care, delivery and retrieval, compliance, tracking systems and data screening will be discussed. Protocols that were developed for studies of children and adults will be presented with a focus on successful strategies to increase compliance in children. This presentation will include demonstrations of databases and software developed to track and screen accelerometer data. Protocols developed for the use of Global Positioning Systems (GPS) in a study of teenagers will also be shared. Ample time will be available for discussion.

OUTLINE OF WORKSHOP

Presentation – 1 hour

Introduction – Kelli Cain

Actigraph Equipment & Tracking – Erin Merz

Compliance for Wear Time – Carrie Franklin

Actigraph Data Screening & MeterPlus– Kelli Cain

GPS Data Collection – Jill Dumbauld

Break-out sessions for about topics – 30 minutes

Purpose is for more in-depth discussions, group problem-solving, demonstrations, and hands-on experience in one or more of the above topics. There will be an alert when there is 15 minutes left so you can make sure to visit all the stations of interest.

HANDOUTS

Handouts and slides presented during workshop can be downloaded from the Active Living Research website a few weeks after the conference www.activelivingresearch.org

RESOURCES

Actigraph: www.theactigraph.com

GPS Datalogger: www.usglobalsat.com

MeterPlus: www.MeterPlusSoftware.com

Santech, Inc.: www.santechhealth.com

USPS Click-n-ship: <https://sss-web.usps.com/cns/landing.do>

STUDY WEBSITES

Neighborhood Quality of Life Studies: www.nqls.org

Neighborhood Impact on Kids Project: www.nikproject.org

Teen Environment and Neighborhood Study: www.teanstudy.org

International Physical Activity and Environment Network: www.ipenproject.org

BELTS & CLIPS

Purchase information for Actigraph belt material and belt clips:

Item	Source	Website	Cost
Meter Belts - 1" black webbing SKU# CDC N 102226	Joann Fabric and Craft Store (online)	www.joann.com	\$44.99 / 50 yards
Belt Buckles - 3/4" PH328	Best Buy Button and Buckle	www.plastic-buckle.com	about \$0.42 / unit, depending on quantity ordered

CONTACT INFORMATION

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