BIRCWH Monthly Meeting
Progress & Next Steps

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This is What We Do

Growth and Nutrition Division, Department of Pediatrics

• Interdisciplinary Division: Nutritional Epidemiologist, Statistician, Psychologist

• Primary Focus: Pediatric Obesity Prevention

• Collaborate closely with state and local government agencies
This is What We Do

Public Policy

Community
(i.e.: Built Environment)

Organizational
(i.e.: Schools)

Interpersonal
(i.e.: Family, Peers, etc.)

Individual

Bronfenbrenner, 1979
This is What We Do

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Community
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Individual

REACH

SUSTAINABILITY

Bronfenbrenner, 1979

Slide concept: J. Sallis
This is What We Do

Ongoing geospatial projects:

• BIRCWH K12 Career Development Award (Hager)
  – BIRCWH mentor Dr. Hungerford
  – GIS mapping/spatial statistics training
  – Using existing data set to examine factors in the built environment associated with dietary and physical activity behaviors of adolescent girls

• UMB-UMCP Collaboration with Dr. Loboda
  – Student support: Alexandra Cockerham, MS

• Papers in Progress:
  – Food Swamps and Food Deserts: Associations with Dietary Behaviors among Urban Adolescent Girls
  – Access to Physical Activity Sites near the Home/in the Neighborhood and Objectively Measured Physical Activity among Adolescent Girls
    • Baltimore City Physical Activity Mapping Project
Near-Term Interests in Geospatial Collaboration

• USDA grant (under review): hypothesized the built environment around schools may moderate the impact of a school-based obesity prevention study

• Planned R21: built environment near homes and health behaviors of toddlers
Larger/ Long-Term Ideas

• Public Health GIS courses for MPH students
• Geospatial statistics help
• Continued collaboration with local and state government
Thank you!

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