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ReelTalk

- Study of movie influences on adolescent smoking behavior (2002-2006)
- Schools with grades 4-6 in 26 NH and VT communities
- Cohort of 2500+ children and their parents
National Institute of Environmental Health
Request for Applications

OBESITY AND THE BUILT ENVIRONMENT
The built environment “encompasses all buildings, spaces and products that are created, or modified, by people. It includes homes, schools, workplaces, parks/recreation areas, greenways, business areas and transportation systems.”

(NIEHS, 2002)
ReelTalk

ACT II

Activity * Communities * Teens

National Institute of Environmental Health Sciences
Grant No. RO1 ES014218
Admin Suppl No. RO1 ES014218-04S1
Theoretical Framework

Figure 1. Ecological model of selected family, school and community factors related to adolescent overweight

Community
- Density
- Land use Diversity
- Connectivity
- Transportation
- Fast food
- Grocery stores

Family
- Individual
  - BMI
  - Physical activity
  - Inactivity
  - Dietary Patterns
- Meals at home
- Convenience stores

School
- Lunch menu
- PE classes
- Siting
- Team sports
- Bus transport
- Public transportation
- Private rec centers
- Public rec centers & programs
- Cable/satellite availability

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Study Aims

• Evaluate the impact of community characteristics and the built environment on adolescent overweight, physical activity & diet.

• Evaluate the impact of family and individual characteristics on the relationship between the built environment and adolescent overweight.

• Identify modifiable risk factors at the community and family level that could be targeted through specific interventions to prevent adolescent overweight.
Study Components

Community
• onsite assessments and publicly available databases

School
• onsite assessments and questionnaires

Family
• parent surveys

Individual
• adolescent surveys
Today’s Conference

• Share results
• Obtain your feedback
• Think about next steps