



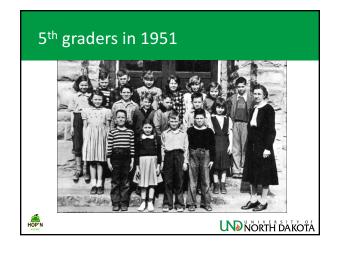
Background

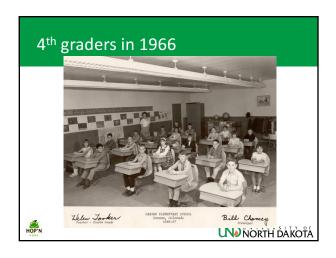
- 31.9% of US children and youth are overweight or obese
- 13.9% of children 2-5 years are obese (almost tripled in last 30 years)
- There is an imbalance between energy consumed and expended
- The problem is multi-factorial

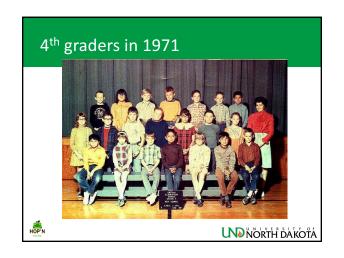


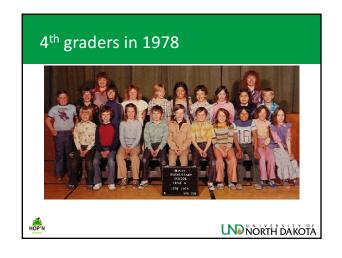
UND NORTH DAKOTA

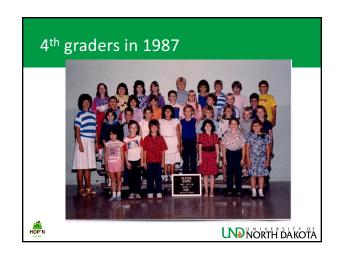


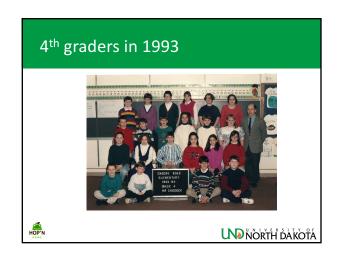




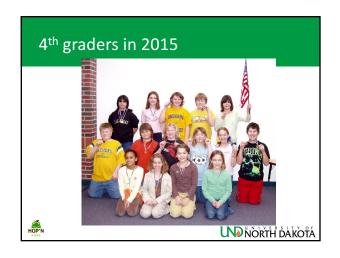


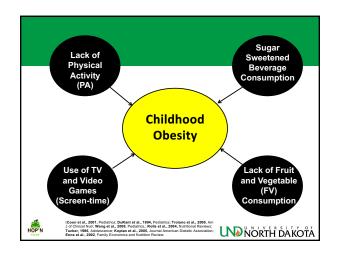












Background

- Physical Activity Recommendations (No USDHHS Standards for Preschoolers)
 - At least 60 minutes of structured PA each day
 - At least 60 minutes of unstructured PA each day
 - Children are not meeting recommendations
- Fruit and Vegetable Recommendations (U.S. Dietary Guidelines)
 - Children 2-3 years = 1 cup fruit & 1 cup veg
 - Children 4-8 years = 1.5 cups fruit & 1.5 cups veg
 - Only 5.3% of boys and 9.8% of girls meet FV guidelines



W NORTH DAKOTA



Why target parents & the home environment?

- Parents and the home environment are ideal places to intervene
- Young children have little to no control over their food, physical activity and television
- Families play an influential role in fostering children's eating and activity habits
- Overweight parents are more likely to have overweight children



Davies, 2004; Serdula et al. 1993; Whitaker et al. 1997 NORTH DAKOTA

Why target parents & the home environment?

- Parents are gatekeepers of children's eating and activities
- Parents are gatekeepers of the amount of television their child watches
- Parents have great potential to role model, to set limits, and to provide healthy options to influence their child's healthy behaviors and decrease their risk for obesity



UND NORTH DAKOTA

Home Environment

- Availability of television and other new media has increased
- Children spend 44.5 hours a week in front of a computer, television, and games screens, which is more than any other activity in their lives except sleeping (Kaiser, 2005)
- Exposure to television and other media is associated with adiposity in children (Crespo et al., 2001)



NORTH DAKOTA

Television and Media

- · Impacts children's PA, FV and obesity
 - Provision of opportunities for sedentary behavior and unhealthful eating and exposure to advertising for unhealthful food and sedentary toys
 - More electronic media is associated with lower levels of physical activity

 - Participating in sedentary behaviors at home allows for opportunities to eat unhealthful foods nearby



UND NORTH DAKOTÁ

Television and Media

- · Impacts children's PA, FV and obesity
 - 2. Exposure to advertising campaigns
 - Exposure to advertisements influences preferences, purchase requests, and consumption of 2-11 year old children
 - Evidence shows preschool-aged children that have been exposed to advertisements, preferred the tastes of foods and drinks they thought were from McDonald's even if they were healthy foods such as carrots



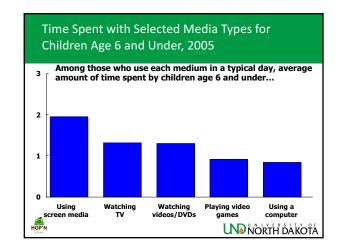
UND NORTH DAKOTA

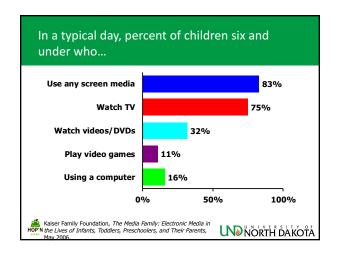
Television and Media

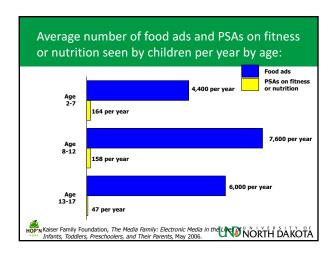
- Children's TV viewing is a strong predictor of purchase influence attempts (pestering)
- Children have more active role in family purchase-decision making, and parent-child communication has a stronger relationship with product purchases
- Thus, any program targeting the home environment must target the impact of media on both parents and children

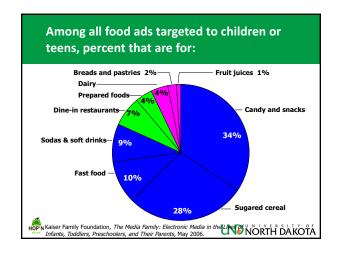


WNORTH DAKOTA









What is **Primary Aim** of HOP'N Home?

 To evaluate the impact of the HOP'N HOME child care program on the prevention of childhood obesity through changes in the physical and social home environment in young children (aged 2.5-5 years).



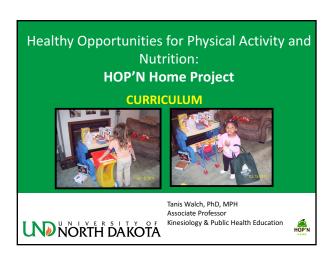
WNORTH DAKOTA

What is the HOP'N Home Program?

- Child care program that targets parents and young children to improve the healthful nutrition and physical activity opportunities at home
- Improvement of parent's skills to make informed healthful food and physical activity purchase decisions
- Teach parents through child-care sites to prevent the effects of marketing designed to influence parent purchases of unhealthful food and sedentary toys by building skills in parents and children



WNORTH DAKOTA



Primary Aim

Link child care settings to home environments by developing children's skills to *ask* their parents for healthful home food and physical activity options.





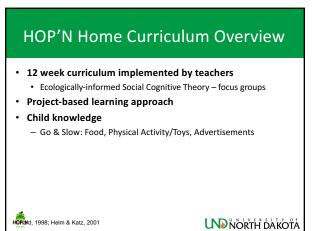
HIỆN VORTH ĐẠ TKỐ TÁ

Goals

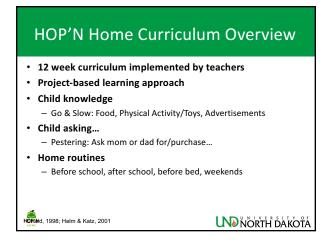
- Children will ask parents for healthy foods ("go foods") and healthy physical activities ("go activities")
- Parents will purchase healthy foods ("go foods") and physically active toys ("go activities") and avoid unhealthy foods and sedentary options (physical environment)
- Target parenting practices to improve the social home environment

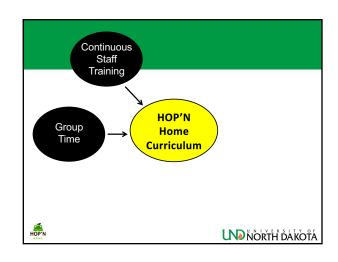


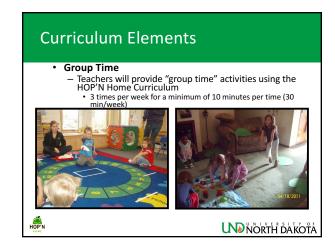
NORTH DAKOTA

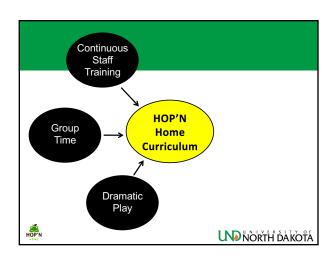


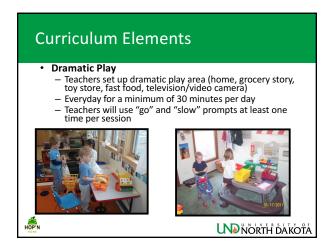


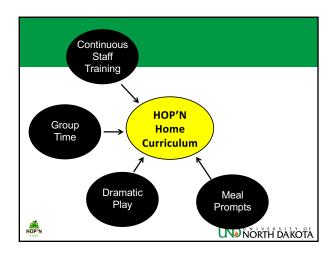












Curriculum Elements

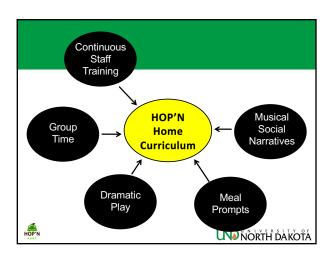
Meal Prompts

- Teachers will PROMPT during Breakfast, Lunch and Snack
 - 5 times per week during meals/snack
 - 1 time per day, provider will prompt, "Is it a go or is it a slow? Is it healthy, yes or no?"





UND NORTH DAKOTA



Curriculum Elements

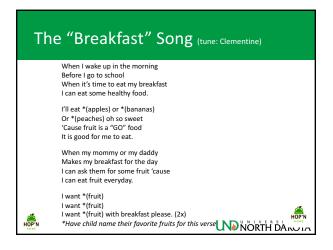
Musical Social Narratives

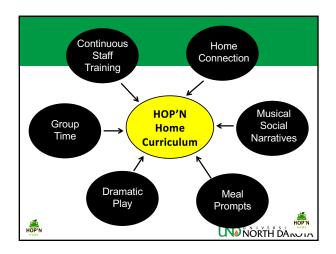
- Teachers will teach children 3 songs following the HOP'N HOME Curriculum
- Teachers will provide children with the lyrics of the songs to take home and sing with parents (Week 6)
 - Song #1: The Play Song
 - Song #2: The Breakfast Song
 - Song #3: The GO & SLOW Song



UND NORTH DAKOTA

The "GO & SLOW" Song (tune: Skip to my Lou) When I'm watching my TV Commercials sell their things to me Alt line: Commercials sell their (item) to me Before I ask for what I see I need to ask a question: (Chorus): Is it a Go or is it a Slow (2x) Is it healthy, yes or no? ber to ask the question! (This is the section the children will learn to sing independently) *Will it make my body strong? *Keep me moving all day long? Learn the words in this song Remember to ask the question. *(These two lines are appropriate either for food or toys) HOP'N NORTH DANGE





Home Connection

- Teachers will hand out the HOP'N Home Connection note card weekly and newsletter biweekly
- Teachers will collect items from children and use them in dramatic play or group time
 - 1 item per week



UND NORTH DAKOTA

Home Connection

- Parents will receive a weekly HOP'N Home Connections Note Card
 - Sent home on Friday of each week
 - Example: Week 1 = Friday, September 11th
 - Side 1- Question of the Week (parent will ask child)
 - Question will be related to what the child is learning about in class
 - Side 2 Family Activity (child will bring in item to class after the weekend: Monday/Tuesday)
 - Family Activity will be related to a classroom project to involve parents in the child's learning related to HOP'N Home



UND NORTH DAKOTA

Home Connection

- Parents will receive a bi-weekly newsletter (send home every other Monday of curriculum)
 - Newsletter will provide knowledge to parents about HOP'N Home
 - Newsletter will provide a fun family activity for them to do at home



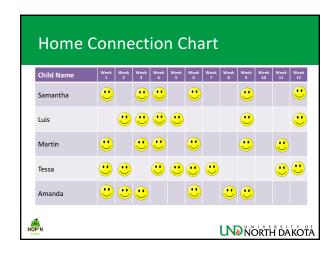
UND NORTH DAKOTA

Home Connection

 To encourage children to participate in the Home Connection weekly activities, providers are encouraged to have a chart posted in the classroom with each child's name, and have the child place a sticker when they participate each week



WNORTH DAKOTA





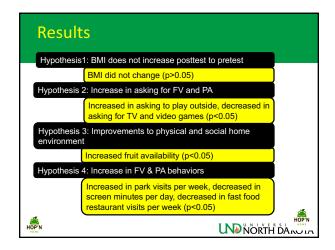
IMPLEMENTATION: Kansas, Texas, New Mexico

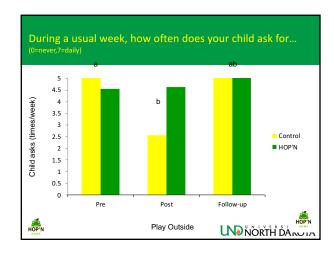
UND NORTH DAKOTA

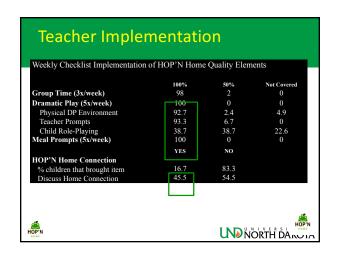


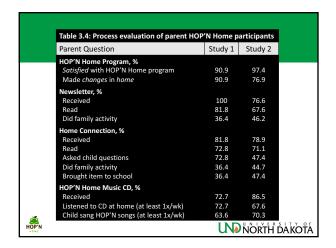












Discussion

- HOP'N Home children did not improve BMI
- We were able to increase child asking and behavior
- Teachers were successful at implementing the HOP'N Home quality elements
- HOP'N Home very well received by children, parents, and child care teachers
- Novel study and targeting children attending child care can be a practical way to influence home environments



WNORTH DAKOTA

Conclusions

- Children engage in unhealthful behavior: too much screen time, sedentary behavior, sugar sweetened beverages
- Programs should target children as agents of home environmental change
- · "Positive Pestering"



WNORTH DAKOTA

