

# Innovation and Collaboration: The Transdisciplinary Obesity Prevention (TOP) Graduate Certificate Program



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# Transdisciplinary Childhood Obesity Prevention Graduate Certificate Program

Goal: Create an innovative graduate certificate program in Transdisciplinary Obesity Prevention (TOP) that prepares students to work in diverse teams to prevent and reduce childhood obesity.





















Offered through South Dakota State University and the University of Nebraska Lincoln Funded by USDA Agricultura and Road Research Hill alternation and 2011. 47002.20202



- Thirty-one students have earned a TOP certificate
- Forty-one students currently in-route to earning the TOP certificate
- Student participation from many disciplines
  - Exercise Science
  - Nutrition and Dietetics
  - Counseling
  - Sport and Recreation Studies
  - Communication and Journalism
  - Nursing
  - Plant Science
  - Early Childhood Education
  - Family and Consumer Sciences









Transdisciplinary Obesity Prevention Graduate Certificate Program | TOP

### **EDUCATION**

### GRADUATE COURSEWORK

Transdisciplinary Obesity Prevention I (3 credits, Fall)

Transdisciplinary Obesity Prevention II (3 credits, Spring)

Practicum, Experiential Learning Experiences (1 credit, Fall)

> Electives (2 credits)

### **EXTENSION**

### EXTENSION PROGRAMMING & COMMUNITY OUTREACH

Experiential Learning Experiences

Participation in Extension Based Outreach and Projects (Fall & Spring)

### RESEARCH

## TRANSDISCIPLINARY RESEARCH FOCUSED ON CHILDHOOD OBESITY

Student-led Transdisciplinary Obesity Prevention Thesis Projects

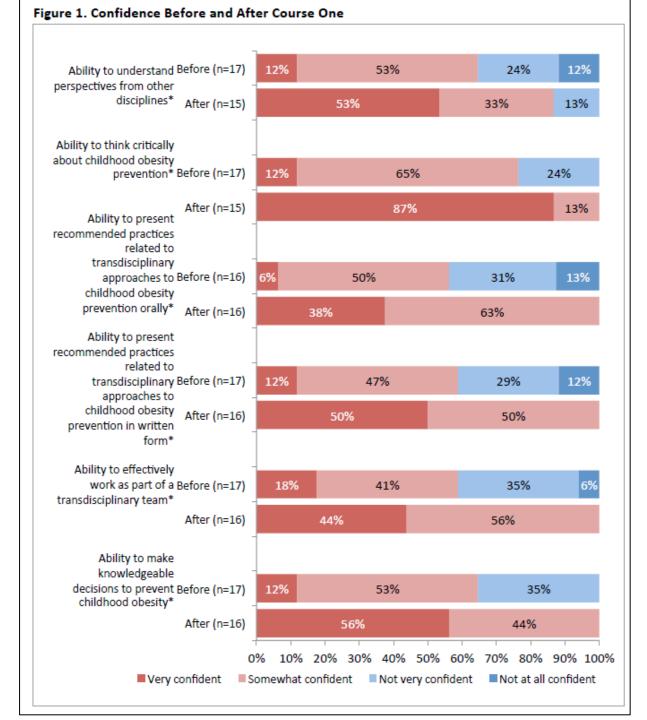
> Student-led Grant Writing Projects

Faculty and Extension-led Transdisciplinary Obesity Prevention Projects

Students will graduate with a master's or doctoral degree in their respective field of study and will earn a TOP program certificate upon completion of their degree, TOP specific courses, and experiential learning projects. Thesis/dissertation projects focused on childhood obesity prevention are encouraged.

This material is based upon work that is supported by the National Institute of Food and Agriculture, U.S. Department of Agriculture, under award number 2011-67002-30202.

Annual course evaluation data show significant improvement in student's confidence in their ability to:









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# Experiential Learning Experiences



Personal Interview data indicate that the hands on experiential learning experiences are a key strength that are valued by alumni.









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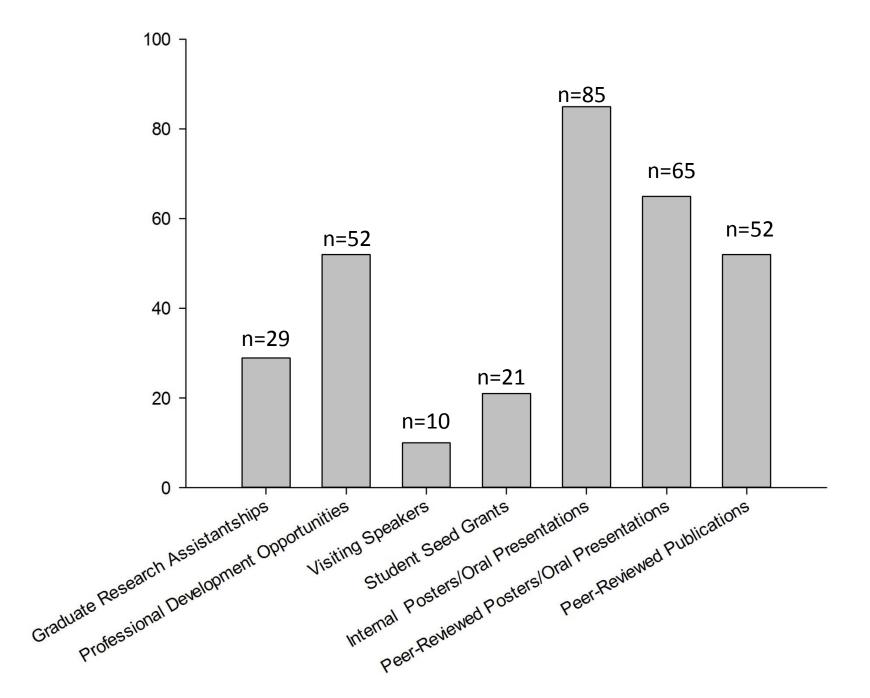
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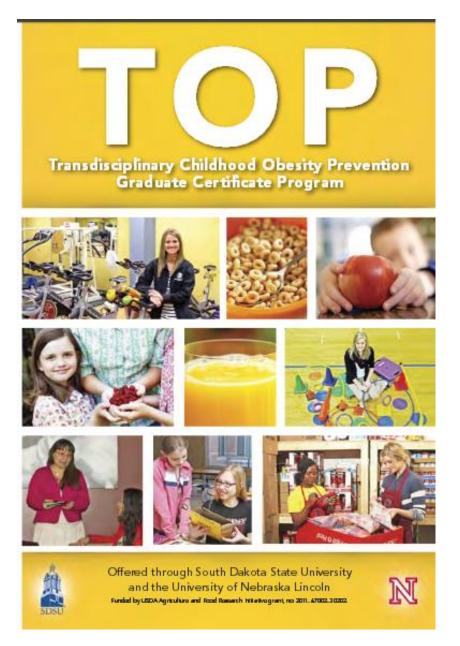


- Evaluating Student Perceptions and Attitudes regarding teamwork, collaboration, and the value of interprofessional education & practice.
- National Center for Interprofessional Practice and Education <a href="https://nexusipe.org/">https://nexusipe.org/</a> recognized TOP for innovative approach to IPE.
  - Fostered invitation to be part of the Nation Center's Nexus



Practice and Education

- TOP is a unique and innovative site partnering with the National Center:
  - Community public health focus rather than clinical focus
  - Create an IPE model for a land grant institution



### Many Thanks



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