

## Introduction

Functional Limitation (FL): The extent to which a condition affects a child's ability to do things other children of the same age do<sup>1</sup>

- Children with FL from low income families face greater barriers to activity participation compared to those from high income families<sup>2</sup>
- Children living below or just above the poverty level have more unmet service needs related to cost than children from high income households<sup>3</sup>

**Unrecognized Therapy Need:** Child with a FL whose caregiver does not report a need for therapy

## Hypotheses

- Children with FL from low income families will be more likely to have unmet therapy needs compared to those from high income families
- Children with FL from low income families will be more likely to have unrecognized unmet therapy needs than those from high income families

## **Research Design & Methods**

## **Participants**

- From the 2009-2010 National Survey of Children with Special Health Care Needs (NS-CSHCN), a cross-sectional random-digit dial telephone survey
- CSHCN for whom caregivers indicated 1 or more functional limitations (N = 27,513)
- Areas of functional difficulty: behavior, self-help, gross/fine motor development, cognition, and communication

## Independent Variable

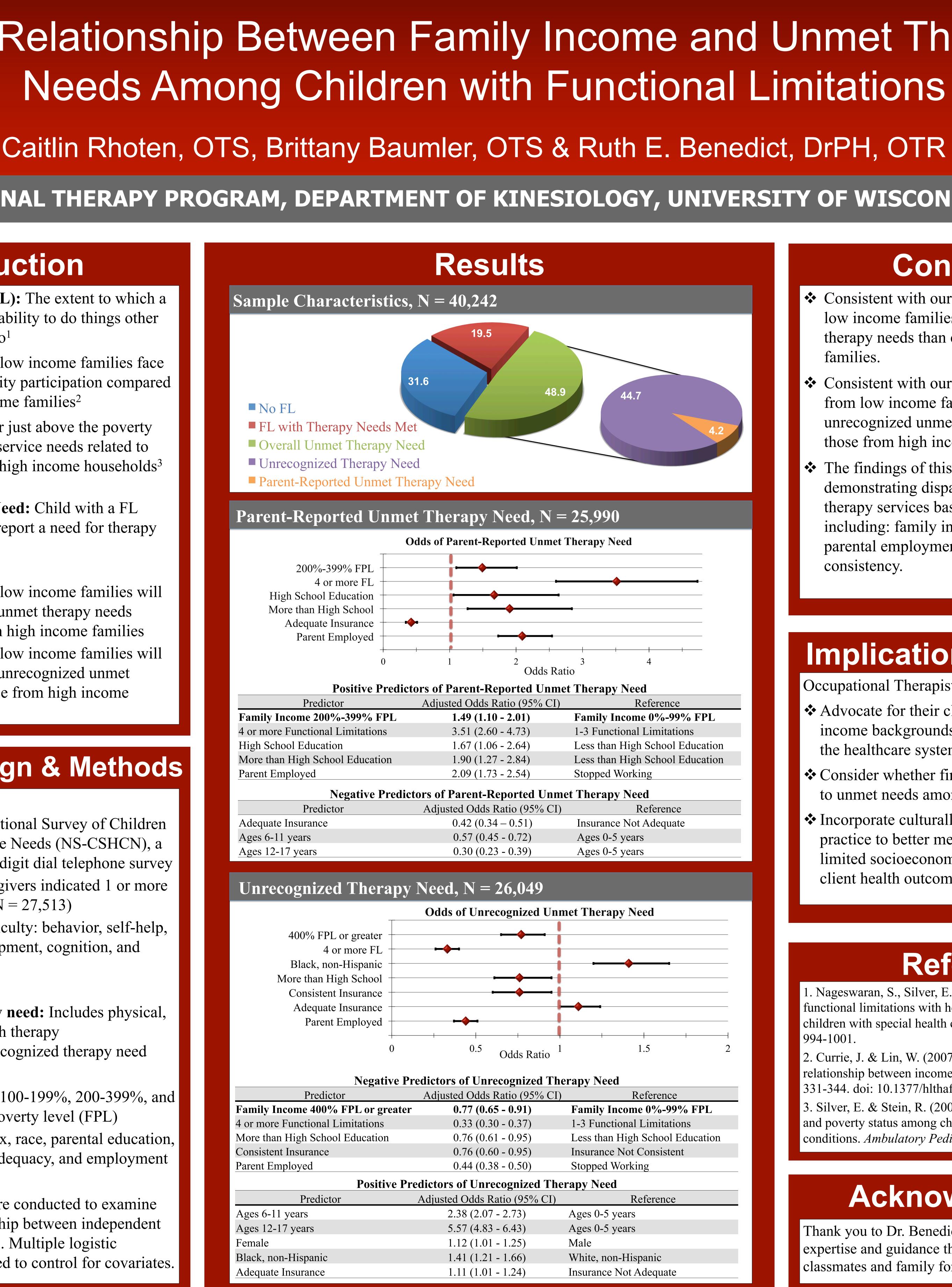
- **Overall unmet therapy need:** Includes physical, occupational, and speech therapy
- Parent-reported vs. unrecognized therapy need

## **Dependent Variable**

- **Income level:** < 100%, 100-199%, 200-399%, and  $\geq$  400% of the federal poverty level (FPL)
- **Covariates:** FL, age, sex, race, parental education, insurance consistency/adequacy, and employment

## Analyses

Chi-square analyses were conducted to examine the unadjusted relationship between independent and dependent variables. Multiple logistic regression was conducted to control for covariates.



# The Relationship Between Family Income and Unmet Therapy

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- low income families are more likely to have unmet therapy needs than children from high income families.
- Consistent with our second hypothesis, children from low income families are more likely to have unrecognized unmet therapy needs compared to those from high income families.
- The findings of this study support previous work demonstrating disparities in access to quality therapy services based on financial barriers including: family income, parental education, parental employment, and insurance adequacy and consistency.

# **Implications for Practice**

Occupational Therapists (OT) should:

- Advocate for their clients and families from low income backgrounds who face challenges navigating the healthcare system to obtain therapy services
- Consider whether financial barriers are contributing to unmet needs among children with FL
- Incorporate culturally responsive services into practice to better meet the needs of clients with limited socioeconomic status (SES) and improve client health outcomes

# References

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