

Introduction

Functional Limitation (FL): The extent to which a condition affects a child's ability to do things other children of the same age do¹

- Children with FL from low income families face greater barriers to activity participation compared to those from high income families²
- Children living below or just above the poverty level have more unmet service needs related to cost than children from high income households³

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

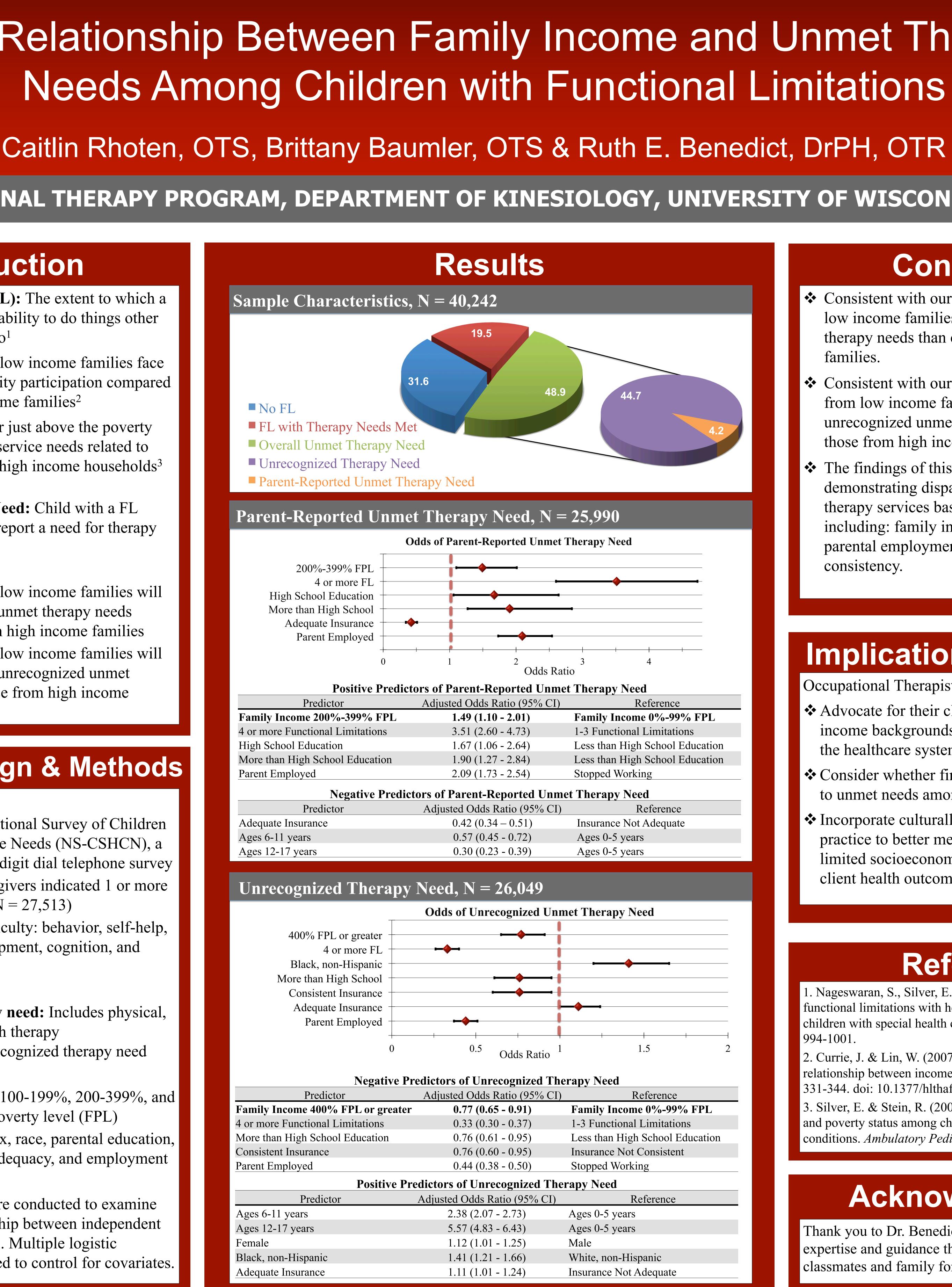
- **Overall unmet therapy need:** Includes physical, occupational, and speech therapy
- Parent-reported vs. unrecognized therapy need

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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3. Silver, E. & Stein, R. (2001). Access to care, unmet health needs, and poverty status among children with and without chronic conditions. *Ambulatory Pediatrics*, 1(6), 314-320.

Acknowledgments

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