

**Bowyer**  
**Research Agenda**  
**Fall 2010**

My primary area of research is infusing pediatric practice with the concepts of the Model of Human Occupation (MOHO). One way in which this goal is accomplished is through development of the Short Child Occupational Profile (SCOPE). The SCOPE measures life participation. Currently I am working with a variety of collaborators in the US and internationally to conduct the final validation of the SCOPE. I am also using the SCOPE to examine if participation in athletics improves life participation. This project is with the Special Olympics organization. Currently the focus is within the state of Texas.

- The AOTF OT research agenda has a category of assessment and measurement. This research interest is aligned with this category. Specifically the major research goal is to develop screening tools that determine functional ability across the lifespan. The SCOPE is a screening tool as well as capable of being an outcome measure (another major research goal of AOTF). The SCOPE measure participation in individuals between the ages of 0-21. There is another assessment, which the SCOPE was modeled after, that measures from 21-on. The research priorities in this area are to develop assessments that identify performance deficits. The SCOPE is capable of this as well as identifying the strengths that individuals bring to the therapeutic relationship. And finally, the SCOPE falls within the research priority of simultaneously evaluating the person-occupation-environment. All of these aspects of being an occupational being are taken into consideration with the SCOPE.
- Potential doctoral students would have interests in children and youth and development/application of an assessment as well as MOHO concepts in settings that focus on treatment with children and youth (community, school, home, hospital, and outpatient).

My second area of research is to develop interventions based on the SCOPE and to examine those within the U.S. There is currently a program in the UK that seems to be operational within that context. I want to bring that program to the US and develop a similar program.

- The AOTF research agenda has a research category of intervention-preventative-restorative-compensatory. This research interest is aligned with this category. The major research goals in this area are to evaluate the efficacy of OT interventions, to create theory based intervention and to determine the means to evaluate the outcomes of the same. The plan is to obtain the program that was developed in the UK and determine if it is applicable in the US in a revised form. Then the next step will be to identify sites that are willing to implement the program to test its efficacy.
- Potential doctoral students would have an interest in children and youth and development/application of an intervention based on the MOHO.