Research Interests:
1. Self-determination theory applications for health and well-being interventions with adolescents
2. Technology applications for dietary behavior and reporting
3. Intervention design for behavioral responses related to wellness (nutrition, physical activity, self-leadership, and other factors associated with socio-emotional well-being)
4. Behavioral economics

Proposed Collaboration(s):
1. Integration of basic and applied science with regard to health-related behaviors and health literacy.
2. Use of functional MRI technologies to investigate neural difference in cognition and health-related behaviors, with particular emphasis on impact of technology applications.
3. Assessment of experiential or active-learning health-related curricula in improving translation of objective knowledge to adoption to sustained behavior; in particular, investigating innovative uses of experiential learning experiences in youth development programs such as 4-H.