

SCHOOL OF EDUCATION AREAS OF FUNDING AND SCHOLARSHIP

Responsive Workforce Development for High Needs Areas:

Faculty and students in the School of Education engage in scholarship to improve the training and performance of professionals working with populations and issues in education and health-related fields (counseling, exercise science, community health, human services) where needs are the greatest. Research is ongoing to assure an effective workforce in early childhood education, special education, urban education, school and community health and mental health, school leadership, and serving students for whom English is a second language. The faculty also engage in scholarship regarding teaching and intervention strategies in critical areas such as STEM, reading, PE/adaptive PE.

- *Pre-K*
- *EL/DL learners*
- *STEM*
- Reading
- *Special Education (transdisciplinary, multi-tiered systems, early intervention, EBD, Autism)*
- *Urban and minority education*
- Students who have experienced adverse childhood experiences
- School and higher ed leaders
- Family-school engagement

Promoting Equity and Social Justice in Education and Health Care:

Faculty and students in the School of Education engage in scholarship to document: (a) historical and emerging disparities in access to and quality of education and health care and (b) the implementation of solutions to such disparities. They conduct research focused on understanding sources of inequity in educational opportunities and the social determinants of health that may disadvantage certain populations. Their scholarship also focuses on developing and evaluating: (a) pedagogies that are culturally relevant and responsive for diverse learners, (b) strategies for whole school-whole community services, and (c) local and regional responses to health disparities.

- Culturally relevant and responsive teaching
- Lessons from social/historical foundations of education
- Identifying and addressing social determinants of health and health disparities

Improving Health and Performance through Exercise and Ergonomics:

Faculty and students in the School of Education engage in research that promotes health, physical fitness, and functional or occupational performance through exercise and biomechanics. Studies examine areas such as: (a) the integration of novel modes of exercise with diet to facilitate health outcomes with different disease and injury groups, (b) the benefits of adaptive PE with autistic individuals, and (c) the relationships between ergonomics, fitness, and occupational performance.

- *Integrating novel modes of exercise with diet to facilitate health outcomes with different disease and injury groups*
- Benefits and mechanisms of adaptive PE with autism
- Strength and conditioning
- Sports nutrition and hydration
- Ergonomics and fitness

Promoting Health and Mental Health with At-risk Populations:

Faculty and students in the School of Education engage in research investigating social and biosocial determinants of health and mental health of individuals across the lifespan. Researchers also study practices that are intended to promote wellness, prevent health and mental health problems, and intervene to address health/mental health challenges with at-risk populations in schools, colleges, and community settings. Researchers typically apply theories of health behavior or systems theory when designing and implementing such studies.

- *School health and mental health*
- *Social determinants of health*
- College mental health
- Trauma-informed practices
- Counseling sexual minority youth
- Family systems theory

Global Perspectives on Education, Health, and Wellness:

Faculty and students in the School of Education engage in scholarship to provide an international perspective on issues of education, health, and wellness that have global importance. Scholars engage with collaborators in other countries to conduct studies to facilitate comparative perspectives on important issues in preK-12 education, teacher training, higher education, and health-related fields.

- International perspectives on K-12 education and teacher training
- Global movements in higher education