



---

# Ph.D. in Kinesiology

December 5, 2013

Kristian O'Connor, co-Chair, Department of Kinesiology

# Need for Program

- Growing shortage of trained scientists and faculty in Kinesiology and its related sub-disciplines (e.g., exercise physiology, biomechanics, neuroscience)
  - Large growth nationally in Kinesiology majors in last 10 years leading to greater faculty needs
  - Extreme need nationally for clinical-program faculty with PhD's (e.g., Physical Therapy)
- Benefits all Department programs by raising its national profile and ability to be ranked
  - Current PhD in Health Sciences is less visible to potential students seeking a Kinesiology-related PhD
  - PhD in Kinesiology more clearly aligned with future faculty openings

# Program Overview

- Prepares students for research careers in
  - Academia
  - Industry
- Students complete:
  - 58 graduate credits post-MS, or 79 credits post-BS
  - Dissertation
- Assessment based on
  - Performance in research and courses
  - Tracking of alumni career progress

---

# Curriculum

## ■ Core curriculum

- Research design, Statistics, Teaching & Learning, Research Seminars
- 16 credits

## ■ Area of emphasis

- Physiological/Psychosocial/Neuromechanical aspects of human movement
- 15 credits

## ■ Cognate and electives

- 15 credits

## ■ Dissertation

- 9 credits

# Program Strengths

- Unique research niches aligned with future needs of health, wellness, and rehabilitation
  - Physical activity & health
  - Integrative human performance
  - Neuromechanics of human movement
- Builds on strong research and existing infrastructure
  - Nationally-respected faculty in respective scholarly areas
  - Most courses already exist to support MS Kinesiology and PhD Health Sciences
- Multidisciplinary strengths
  - Ongoing research collaborations with engineering, public health, psychology, nursing, occupational therapy

---

# Diversity

- Curriculum and research

- Research on potential health and physical activity disparities across social and geographic boundaries

- Student Pipelines

- UWM Undergraduate population
- Historically Black Colleges and Universities

---

# Questions?