

PhD Program in Biokinesiology

with a concentration in Pediatrics



The USC PhD Program in Biokinesiology prepares you with the advanced skills needed for a productive career in research and academia. USC's biokinesiology graduates conduct collaborative, interdisciplinary research and become leading scholars and innovators in the field.



PROGRAM DETAILS

- Students are required to attend USC full-time
 - The PhD is typically completed in 4 - 5 years
 - Requires 60 course units
 - Requires 3 of 4 core courses in motor control and learning, biomechanics, exercise science, and experimental methods to gain a breadth of knowledge of the field.
 - Coursework is then customized by you and your faculty advisor to meet your research goals.

ADMISSION REQUIREMENTS

- BS or MS degree from an accredited college/university
- Clinical or research experience with infants or children
- Discussion of your interest with one of the pediatric faculty advisors
- Our Division is committed to **diversity, equity, and inclusion** and is particularly seeking applicants of diverse backgrounds

FUNDING

- If accepted, the Division provides a Teaching or Research Assistantship for students enrolled full-time in the PhD program, which includes:
 - Full tuition support
 - Health and dental insurance
 - Stipend of at least \$34,000/year

PEDIATRIC RESEARCH

- Current USC pediatric research focuses on understanding typical and atypical infant learning and development to inform the early identification and intervention of infants and children at risk for neurodevelopmental disabilities. Methods include: clinical trials, electroencephalography, eye tracking technology, motion capture technology, neuroimaging, robotics, and wearable sensors.
- Pediatric Faculty include:
 - Stacey Dusing, PhD, PT, FAPTA
Motor Development Laboratory
stacey.dusing@pt.usc.edu
 - Kari Kretch, PhD, PT, DPT
Motor Development Laboratory
kretch@pt.usc.edu
 - Barbara Sargent, PhD, PT
Development of Infant Motor Performance Laboratory
bsargent@pt.usc.edu
 - Beth Smith, PhD, PT, DPT
Infant Neuromotor Control Laboratory
bsmith@chla.usc.edu

APPLY

- Please apply on the **USC website** by November 1



FOR MORE INFORMATION

Please visit the **USC PhD Program in Biokinesiology website** or contact us at admissions@pt.usc.edu or (323) 442-5550



USC University of
Southern California

