



# LEARN IT. LIVE IT.

## MASTER OF PEDIATRIC MUSCULOSKELETAL HEALTH AND PERFORMANCE

### MASTER OF SCIENCE

The MS in Pediatric Musculoskeletal Health and Performance provides graduates with the appropriate skills in evaluating the musculoskeletal system, identifying musculoskeletal conditions, and promoting healthy movement behaviors through evidence-based application for pediatric populations.

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## PARKER UNIVERSITY'S PEDIATRIC MUSCULOSKELETAL HEALTH AND PERFORMANCE DEGREE

Musculoskeletal and sports-related conditions are common in pediatric populations. The combined burden of medical conditions affecting the musculoskeletal system and preventable chronic diseases related to improper nutrition and inactivity continues to increase. This degree is designed for current and future health professionals seeking to expand their knowledge and skills in the evaluation, assessment, and interventions related to musculoskeletal concerns in the pediatric population.

### WHY PARKER'S PEDIATRIC MSK HEALTH AND PERFORMANCE DEGREE?

Given the increase in chronic diseases related to inactivity, improper nutrition, and medical conditions affecting the musculoskeletal system, educating our current and future health practitioners that will treat pediatric populations is increasingly important. The Master of Science degree in Pediatric Musculoskeletal Health and Performance focuses on pediatric physiology, biomechanics, evidence-based interventions for acute and chronic musculoskeletal conditions, nutrition-related concerns, and health trajectories in pediatrics. This degree is an excellent interprofessional graduate degree for those seeking to enhance their skills and promote pediatric musculoskeletal health in various settings at the mastery level.

This degree emphasizes:

- The analysis of current literature and evidence-based pediatric musculoskeletal research and treatment interventions
- The comparison of acute and chronic pediatric musculoskeletal conditions and the application of evidence-based interventions to promote healthy body movement.
- The application of public health interventions to promote a healthy and active lifestyle for youths.

#### STATS

- **Musculoskeletal complaints occur in approximately 10-15% of visits to primary care physicians.**
- **Prevalence of pediatric musculoskeletal complaints increases as children age (age 3: 2.4% to 5.7%; age 14: 27.5% to 36%)**
- **51% of general Pediatricians reported they could have used training in sports medicine**
- **29% of medical programs do not include musculoskeletal examination in their curriculum**
- **Less than 6 hours of total lecture time was spent on sports medicine in pediatric residency programs**

Source: "Musculoskeletal and Sports Medicine Curriculum Guidelines for Pediatric Residents," Special Communication, Volume 20, Number 4, April 2021. American College of Sports Medicine.

### MS PEDIATRIC MSK HEALTH AND PERFORMANCE IS AN EXCELLENT INTERPROFESSIONAL DEGREE FOR THOSE IN THE FIELD OF:

- Chiropractic
- Athletic Training
- Youth Trainers and Sports Coaches
- Occupational Therapy
- Osteopathic Medicine
- Health related fields in Pediatric and Musculoskeletal areas of healthcare
- Physical Therapy
- Sports Medicine

#### Disciplines that can benefit from this degree, in conjunction with their existing degree:

Occupational Therapist, Physical Therapist, Strength and Conditioning Coaches, Exercise Physiologist, Medical Doctors, Nurse Practitioners, Doctor of Osteopathic Medicine, Sports Medicine Physicians, Doctor of Chiropractic.

#### Accreditation

Parker University is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate, baccalaureate, masters, and doctorate degrees. Parker University also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Parker University may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website ([www.sacscoc.org](http://www.sacscoc.org)).

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