



*The Office of Research for Medical Students*

### Research Project

#### Project Title:

Distal Radius Epiphyseal Fusion

**Date of request:** 10/23/2024

#### Contact Information

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### Research Project

Longitudinal study using dual energy x-ray absorptiometry (DXA) and pQCT from childhood into adolescence, evaluating sport-specific exercise exposure. The current study will prospectively assess the timing of epiphysis closure using radius scans.

**Research Location:** Institute for Human Performance

**Tele-research/remote opportunity?** No

**Will it require student to be physically present in the research location:** Yes

**Type of research:** Epidemiological

**Summer project?** Yes

**Long-term project:** Yes

**Availability required to work on your project(s):**

Adaptable, ideally 4+ hours per week

**Prior experience or specific skills required to work on your project(s):**

None. Good eyesight is beneficial as the project will involve scrutinizing radius scans. It would be ideal if the student had a long term interest in radiology, orthopedics, pediatrics, sports medicine, or endocrinology.