



**School of Health and Human Performance  
MSc Position**

Applications are invited for an MSc position on the 'TechWear' research programme.

**TechWear- Effect of Wearable Technology on Physical Activity behaviour patterns**

The proposed initiative aims to validate and test several consumer level wrist worn physical activity monitors (such as the Fitbit or Fuelband) with adolescent youth. The project will explore the perceived usability and acceptability of the various wrist worn monitors for adolescents, and will identify an optimised solution based on the needs of the user group. This first phase of the study will also allow the researcher to investigate how wearing such a monitor impacts (if at all) on daily physical activity behaviour. Following up this initial phase of real-life data acquisition, a lab-based experiment will take place to capture and model typical movement patterns associated with adolescent physical activity. This experiment will allow researchers to identify the validity of the monitors when compared with a gold standard PA measure.

<b>School/Research Group:</b>	<ul style="list-style-type: none"><li>• School of Health and Human Performance</li><li>• Childhood Physical Activity Research Cluster</li><li>• INSIGHT Centre for Data Analytics</li></ul>
<b>Qualification</b>	MSc
<b>Bursary</b>	Full fees will be paid for 2 years. A Stipend of €6,000 annually for 2 years.
<b>Contract Type</b>	Full-time
<b>Closing Date</b>	Applications should be sent preferably before August 24 <sup>th</sup> 2015, but later applications will be considered until the position is filled.
<b>Interview date:</b>	To be arranged
<b>Start Date:</b>	1 <sup>st</sup> October 2015

## **Candidate specification**

### Mandatory:

- Honours degree with minimum upper second class honour in Sport Sciences, Physical Education or a cognate area.
- Experience working with young people.
- Have excellent IT, analytical, presentational and report writing skills.
- Ability to work independently as well as part of a team.

### Desirable:

- Experience collecting physical activity and/or fundamental movement skill data
- Experience in analysing data
- Have a full clean driver's licence, and full access to a car.

Interested applicants should submit a Curriculum Vitae with cover letter to Dr. Sarahjane Belton ([Sarahjane.belton@dcu.ie](mailto:Sarahjane.belton@dcu.ie)).

### Informal enquires to either:

Dr. Sarahjane Belton - email: [sarahjane.belton@dcu.ie](mailto:sarahjane.belton@dcu.ie) / phone: 01 7007393 *or*  
Dr. Johann Issartel - email: [johann.issartel@dcu.ie](mailto:johann.issartel@dcu.ie) / phone: 01 7007461