

KINESIOLOGY PRACTICUM DESCRIPTION

Practicum Position Title: Biomechanics & Performance Analysis in Sport

Agency/Company: [Centre for Video & Performance Analysis \(CVPA\)](#) and [Canadian Sport Institute \(CSI\) Calgary](#)

Location: CSI Calgary (Canada Olympic Park) and/or Faculty of Kinesiology, University of Calgary

Terms Available: Fall, Winter, or Spring

Number of Positions: 3

Project Duties/Responsibilities:

The *Centre for Video & Performance Analysis (CVPA)* is home to cutting edge technology that has the potential to revolutionize the sporting world in Canada. The *CVPA* specializes in research, development, and implementation of new, innovative video and technology analysis tools for sport from grassroots to elite levels. In collaboration with the *Canadian Sport Institute (CSI) Calgary*, the *CVPA* works to implement technologies for use with elite/Olympic athletes.

The *CVPA's* and *CSI Calgary's* objective is to use technology to enhance athletic performance and be on the forefront of novel technological applications in sport. Such technological applications include visualization, virtual reality, biomechanical analysis, video database storage, technology integration/implementation and virtual coaching.

Practicum students will:

- Become familiarized with the application of video analysis and technology techniques that can be applied with a variety of sports.
- Partner with a member of Biomechanics & Performance Analysis team at *CSI Calgary* and work on various ongoing projects related to improving athlete performance.
- Become proficient with video analysis software, such as Dartfish, and various other technologies and their application to a specific sport.
- Learn how to use video cameras and other motion measuring technologies to record sport actions and analyze the data using video analysis software and other data analysis methods.
- Assist athletes and/or coaches with their video analysis/technology needs including, but not limited to:
 - Filming and collecting data of practices and competitions
 - Analyzing and summarizing the video and other data
 - Using various different athlete measurement technologies (i.e. accelerometers, heart rate monitors, pressure sensors, force platforms) for the collection and assessment of data related to athlete performance

Assets:

- KNES 263 (Quantitative Biomechanics)
- KNES 381 (Computer Applications in Kinesiology)

On-Site Supervisor: Pro Stergiou, pstergio@ucalgary.ca

Kinesiology Practicum Application

Placement: [CVPA](#) and [CSI Calgary](#)

Students must have 60 units completed to qualify for a practicum, including 30 units of KNES
Students may participate in up to three practicums, with no more than two at the same location

Submit together to
knespracticum@ucalgary.ca:
 Completed Practicum Application
 Confidentiality Agreement

INSTRUCTIONS

1. Contact the on-site supervisor to arrange an interview.
2. Bring a copy of this application with the completed student portion to your interview to be completed by the On-Site Supervisor.
3. Submit application and required documentation (if applicable) to knespracticum@ucalgary.ca; our office will email your @ucalgary address within 5 business days with next steps for you and your On-Site Supervisor.

STUDENT PORTION – COMPLETE PRIOR TO INTERVIEW

| | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| Practicum Term | | |
| <input type="checkbox"/> Fall _____ (year) | <input type="checkbox"/> Winter _____ (year) | <input type="checkbox"/> Spring _____ (year) |
| Student Information | | |
| Name: | UCID: | |
| Phone Number: | Email: | @ucalgary.ca |
| Student Practicum Expectations: Why have you chosen this practicum placement? (1-2 sentences) | | |
| Code of Conduct | | |
| Students are responsible for compliance with the University of Calgary's Code of Conduct . | | |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | I have read and understood the University of Calgary's Code of Conduct. | |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | Do you have a pre-existing relationship(s) with person(s) or group(s) associated with this practicum placement? If yes, please briefly explain the nature of the relationship: | |
| I agree that: | | |
| <ul style="list-style-type: none">• No salary or payment will be received based upon my participation in a Kinesiology practicum placement• I will meet the expectations of the practicum placement for which I am applying• I will be punctual throughout my practicum placement and will adequately notify the On-Site Supervisor about any absence(s).• I will complete 60-72 hours within the dates of the term. | | |
| Start Date (first day of lectures) | End Date (last day of lectures) | |
| _____ | _____ | |
| <input type="checkbox"/> I agree with the above-mentioned terms and conditions. | | |
| Student's Signature: | Date: | |

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| ON-SITE SUPERVISOR PORTION | |
| Name: Pro Stergiou | Organization: Centre for Video & Performance Analysis (CVPA) |
| Phone: | Email: pstergio@ucalgary.ca |
| As the On-Site Supervisor, I agree that: | |
| <ul style="list-style-type: none">• No salary or compensation will be given to the practicum student• I will provide sufficient hours, supervision, and guidance during this practicum placement• I will complete a mid-point and final evaluation for the practicum student. | |
| <input type="checkbox"/> I agree with the above-mentioned terms and conditions. | |
| On-Site Supervisor's Signature: | Date: |

CONFIDENTIALITY AGREEMENT

Practicum students and the agency must complete the signed confidentiality agreement and submit it (along with the practicum application form) to knespracticum@ucalgary.ca.

THIS AGREEMENT is made as of the _____ day of _____, 20_____.

BETWEEN:

(hereinafter called the "**Agency**")

AND:

(hereinafter called the "**Student**")

Whereas:

It is the Student's legal and ethical responsibility to protect the privacy, confidentiality and security of all records, proprietary information and other confidential information relating to the Agency, including business, employment and medical information relating to patients, members, employees and health care providers. ("Confidential Information").

And whereas:

The Agency has adopted policies and procedures regarding Confidential Information including its policies and procedures for complying with the *Freedom of Information and Protection of Privacy Act* and the *Health Information Act* ("Policies and Procedures").

In witness hereof, the parties agree as follows:

1. The Agency agrees to disclose and the Student agrees to receive Confidential Information in furtherance of participating in his/her practicum with the Agency, as set out in the Practicum Agreement.
2. The Agency agrees to advise, instruct and guide the Student as to the Policies and Procedures.
3. Upon receipt of the information set out in paragraph 2 herein, the Student agrees to use his/her best efforts to comply with the Policies and Procedures and to protect the Confidential Information, or any part thereof, and prevent it from being disclosed to any person contrary to the Policies and Procedures.

IN WITNESS WHEREOF, the parties have duly executed this Agreement effective as of the day and year first written above.

Agency

Student

Signed: _____

Signed: _____

Print Name: _____

Print Name: _____

Title: _____

Date _____

Date: _____