



## KINESIOLOGY PRACTICUM DESCRIPTION

**Practicum Position Title:** Research Assistant – Physical Medicine & Rehabilitation

**Agency/Company:** [Department of Clinical Neurosciences, UCalgary](#)

**Location:** McCaig Institute at HRIC (UCalgary – Foothills Campus)

**Terms Available:** Fall, Winter or Spring

**Number of Positions:** 2

### **Project Duties/Responsibilities:**

Dr. Ranita Manocha is a physiatrist, a physician specializing in Physical Medicine and Rehabilitation. The patients Dr. Manocha typically works with have acute injuries or chronic disabilities, such as a sports injury, fracture, brain injury, spinal cord injury, cerebral palsy, amputation, or peripheral nerve injury. Dr. Manocha is looking for enthusiastic and motivated students interested in gaining hands-on experience in clinical research.

**Under strict supervision**, the student will work with Dr. Manocha and an interdisciplinary and collaborative research team. During the interview process, the student's interests and experiences will be matched with a specific research project. There are 3 available projects (determined by student interest/experience):

#### **Project 1: Physiatry patient database**

**What:** Questionnaire-based research from patients seen in Dr. Manocha's practice. Dr. Manocha specializes in seeing patients with connective tissue disorders, nerve injuries, impaired gait, musculoskeletal problems, and those needing braces and wheelchairs.

**Under supervision**, the practicum student will:

- Prepare distribution of online surveys up to 8 weeks in advance of clinic visits
- Contact patients by phone to ensure completion of relevant questionnaires
- Prepare paper surveys for patients who could not complete surveys online
- Help patients complete surveys if they are having difficulties
- Where necessary, assist in measuring patients' height, weight, blood pressure, and heart rate
- Manually enter any paper data into the online system
- Use Microsoft Excel for basic data entry
- Participate in regular lab activities, as able
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#### **Required Student Qualifications:**

- Completion of KNES 213 (Introduction to Research in Kinesiology)
- Computer skills with Microsoft Excel
- Keen interest in clinical research
- Excellent organizational and time management skills

#### **Assets:**

- Previous research experience
- Previous experience with REDCap and/or Connect Care
- Previous experience working with patients
- Good interpersonal communication skills
- TCPS2 CORE training
- Courses in Epidemiology, Public Health, or Statistics

### **Project 2: Development of educational videos to teach walking aid skills use**

What: Take content that was made into our app (<https://icanwalk.info>) and develop educational YouTube videos of the same content in English. The videos will teach students, healthcare providers, and patients how to fit and walk with various walking aids like crutches, canes, and walkers

Under supervision, the practicum student will:

- Participate in meetings with app developers and scientists across the country
- Help create educational videos
- If interested, the student can also assist a Masters student in research studies of the app with older adult patients and with medical students
- Participate in regular lab activities, as able
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#### **Required Student Qualifications:**

- Completion of KNES 213 (Introduction to Research in Kinesiology)

#### **Assets:**

- Previous educational content creation experience
- TCPS2 CORE training
- Ability to communicate in French and Spanish
- Interest in a career in healthcare (i.e. physical therapy, occupational therapy, athletic therapy, medicine)

### **Project 3: Effect of menstrual cycle on joint laxity**

Under supervision, the practicum student will:

- Assist a Masters student in determining eligibility for participation in the research study
- Assist the Masters student in data collection and basic analysis
- The study involves evaluating knee laxity and structure changes during the menstrual cycle using an arthrometer, blood tests, and MRI

#### **Required Student Qualifications:**

- Completion of KNES 213 (Introduction to Research in Kinesiology)
- Works well in teams and with vulnerable populations
- Assets:
  - Previous research experience
  - Previous experience working with human research participants
- Completion of KNES 372 (Foundations of Sport Medicine)
- TCPS2 CORE training
- Interest in a career in healthcare (i.e. physical therapy, occupational therapy, athletic therapy, medicine)

**On-Site Supervisor:** Dr. Ranita Manocha, MD, MSc, FRCPC, CSCN(EMG), [ranita.manocha@ucalgary.ca](mailto:ranita.manocha@ucalgary.ca)  
(Please provide your resume and transcript)

# Kinesiology Practicum Application

## Placement: [Department of Clinical Neurosciences, UCalgary](#)

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](mailto: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](mailto: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

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

### ON-SITE SUPERVISOR PORTION

<b>Name:</b> Dr. Ranita Manocha	<b>Organization:</b> University of Calgary
<b>Phone:</b>	<b>Email:</b> <a href="mailto:ranita.manocha@ucalgary.ca">ranita.manocha@ucalgary.ca</a>
<b>As the On-Site Supervisor, I agree that:</b>	
<ul style="list-style-type: none"><li>• No salary or compensation will be given to the practicum student</li><li>• I will provide sufficient hours (60-72 hours) <u>within</u> the term dates above, and spread evenly throughout the term (approx.. 5-6 hrs/wk in Fall and Winter / 10-12 hrs/wk in Spring)</li><li>• I will complete a mid-point and final evaluation for the practicum student</li><li>• I will provide sufficient supervision, and guidance during this practicum placement</li><li>• I will send any changes / updates to <a href="mailto:knespracticum@ucalgary.ca">knespracticum@ucalgary.ca</a> for approval / updating</li></ul> <input type="checkbox"/> I agree with the above-mentioned terms and conditions.	
<b>On-Site Supervisor's Signature:</b>	<b>Date:</b>

## **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](mailto: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: \_\_\_\_\_