KNES 441-443-445 - PRACTICUM POSITION DESCRIPTION

Practicum Position Title: Physiotherapy Assistant

# of Positions Available: Two

Location: University of Calgary Sports Medicine Centre - Physiotherapy

Required Hours Per Week: 60-72 hours within the framework of the academic term (5-6 hours/week)

Note: Accepting Fall and Winter practicum students only

Company Description:

The University of Calgary Sport Medicine Centre is an integrated and multidisciplinary clinical, education and research facility, specializing in the treatment and rehabilitation of sport related and other musculo-skeletal injuries.

We provide comprehensive sport varsity, surgical, physiotherapy, athletic therapy, and other health care services to Olympic, professional and amateur athletes; recreationalists and other patients referred to us through the health care system in Calgary and outlying areas. The scope of the Centre’s programs embrace many medical and sport science specializations including:

- academic/teachings
- biochemistry
- epidemiology
- orthotics & bracing
- physiotherapy
- anthropology
- biomechanics
- growth and development
- orthopedic surgery
- sport medicine
- athletic therapy services
- diagnostic imaging (x-ray facility)
- nutrition
- physiology
- massage

Education of patients and health care providers is important to us. It is our goal to provide education materials in a variety of different media for the use of patients. We provide academic graduate and undergraduate placements in sport medicine, orthopedic medicine, physical therapy and athletic therapy. We strive to provide a variety of educational opportunities (clinics, conferences, seminars, internships, workshops, practicums, fellowships, post-doctoral study, etc.) for those interested in sport medicine and rehabilitation.

Project Objectives/Goals:

Under the direction of the physical therapist the student will:

- Work with the supervising physiotherapist in assessment and treatment of musculoskeletal, neuromuscular, respiratory and cardiovascular systems.
- Educate patients in anatomy, biomechanics, therapeutic exercise and various physical agents to increase muscle strength, reduce pain and promote general health and function.
- Assist supervising physiotherapist and patients in therapeutic exercise program and design.
- Learn how to apply human anatomy and physiology and the pathological process and specific treatment programs.
- Gain experience working in a multidisciplinary sports medicine environment with physiotherapists, athletic therapists, massage therapists, orthopaedic surgeons, family medicine residents and sports medicine physicians.

Student accountabilities/Duties:

- Assist the physiotherapist with application of modalities and various physical agents
- Assist supervising physiotherapist and patients in therapeutic exercise program and design.
- Educate patients in human anatomy and physiology
- Assist with the gathering information and interpretation of outcome measures
- Assist with general housekeeping of the physiotherapy treatment area

Student Qualifications:

- KNES 373 (Exercise Physiology) required
- KNES 375 (Tests and Measurements in Kinesiology) an asset (not required)
- Good recall of human anatomy and physiology essential – Please review your notes prior to beginning placement
- Ability to communicate effectively with patients and members of the multidisciplinary team
- Organized and on time
- Must have desire to learn about the physical therapy profession

Interested students should contact Irfan Jessa directly for an interview – irfan.jessa2@ucalgary.ca