UF UNIVERSITY of FLORIDA

SITE APPROVAL FORM

Location: London (City) UK (State) Date: 14 April 2017

Organization: UCL Institute of Neurology

*Contact Person(s): Professor John Rothwell

Must have at least a Bachelor's degree in a related field and a minimum of 2 years' experience within the discipline.

Address: Sobell Dept, UCL Institute of Neurology (Street/PO Box) London (City) WC1N 3BG (State/Zip)

Phone: 02034488745 Fax: _____

Email: j.rothwell@ucl.ac.uk Website: www.ion.ucl.ac.uk

What semesters is your organization available to accept interns?

☑ Fall (August-December) ☐ Spring (January-April) ☑ Summer (May-August)

Please check the specializations that best pertain to the internship experience offered:

☑ Exercise Physiology ☐ Fitness/Wellness

How many interns do you typically accept per semester? 1

Interns must complete a minimum of 35-40 hours per week (520 hours total). List the normal working hours for your organization. Please indicate any evening or weekend time commitments:

9AM to 5PM Monday to Friday

Is office space available to interns? ☑ Yes ☐ No in a large fellows common space (Comments)

Is a computer/scanner available to interns? ☑ Yes ☐ No _____ (Comments)

Does your organization offer paid or non-paid internships? ☑ Non-paid ☐ Paid (amount) _____

List other benefits your organization offers interns (i.e. housing, health insurance, travel reimbursement, etc.)

None

List required purchases for interning with your site (e.g. parking pass, uniform, back-ground check, etc.):

None, all necessary items are provided

List required skills or previous experience necessary for interning with your organization:

Undergraduate knowledge of basic human neurophysiology, and some prior practical experience in techniques of human neurophysiology

Special Requirements (i.e. special application, proof of health insurance, immunizations, etc.)
Please note: All interns are required to purchase professional liability insurance coverage for $1,000,000

No other special requirements

Provide a bulleted list of duties/responsibilities your organization expects to be fulfilled by interns:

1) to attend the lab daily
2) Attend safety briefing and equipment familiarization course
3) conduct and assume immediate responsibility for collecting and processing data for a short experimental investigation
4) Attend and participate in weekly lab meetings
5) Attend seminars of Institute for Movement Neuroscience

Please describe a typical day for the intern:

Initial 2-3 weeks of training on lab equipment (safety and operating procedures), and familiarisation with computer software.
Following this preparation of detailed plan for a short experimental project (online reading of source material and investigation of logistics within the lab environment.

After this a typical day will consist of:
1) Arrival and set of lab for experiment.
2) Experimental session. Clear up and data-lockdown
3) Data processing/contacting and recruiting experimental participants
4) when time allows, participation in other laboratory investigations to obtain a wider experience of available methods
5) Seminar attendance/lab meeting/ discussion with supervisor.

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Interns must be evaluated on at least 6 of the following Student Learning Outcomes (SLO's). Please check each SLO that applies to the duties/responsibilities provided to interns at your organization.

APK Student Learning Outcomes (SLOs)	**Applied Examples** *(These examples used to describe each SLO are not exclusive; they are simply intended to provide clarity to the individual SLOs)*
☑ Integrate principles and methods of math, social sciences, and arts and humanities to applied physiology and kinesiology, wellness, and/or fitness environments.	• Intern can perform body composition calculations. • Intern can identify socioeconomic impacts on health and fitness behaviors. • Intern can calculate target and max heart rates in order to prescribe aerobic exercise.
☑ Identify and relate the nomenclature, structures, and locations of components of human anatomy to health, disease, and physical activity.	• Intern can identify muscles used in specific exercises and name other exercises that use those muscles. • Intern can name specific structures damaged by pathologies like diabetes.
☐ Identify, examine, and explain physiological mechanisms of homeostasis at various levels of an organism (i.e., cells, tissues, organs, systems).	• Intern can explain the baroreflex. • Intern can explain why skeletal muscle cells atrophy when immobilized. • Intern can describe the impact of respiration on blood pH.
☐ Investigate and explain the effects of physical activity on psychological health as well as the perspectives used to enhance adherence to healthier lifestyles.	• Intern can explain how exercise helps depression. • Intern knows where to locate information related to psychological health impacts of various activities. • Intern can identify and properly refer individuals with eating disorders.
☑ Identify and explain the acute and chronic anatomical and physiological adaptations to exercise, training, and physical activity.	• Intern can explain why resting HR and BP are reduced following endurance training. • Intern can identify immediate and long-term benefits of resistance training.
☐ Select and utilize the appropriate scientific principles when assessing the health and fitness of an individual and prescribing physical activity based on those assessments.	• Intern can select a safe fitness test for a cardiac patient. • Intern can perform skinfold testing and use that data to prescribe appropriate amounts of exercise.
☑ Solve applied physiology and kinesiology problems from personal, scholarly, and professional perspectives using fundamental concepts of health and exercise, scientific inquiry, and analytical, critical, and creative thinking.	• Intern can describe which populations might be prone to ankle sprains. • Intern can identify medications which might lead to an impaired ability to perform aerobic exercise. • Intern can prescribe exercise to suit the goals of clients based on fitness assessments.
☑ Collect, compare, and interpret qualitative or quantitative data in an applied physiology and kinesiology context.	• Intern can perform a submaximal VO2 test and use the collected data to classify the subject's level of fitness. • Intern can perform a laboratory experiment and compare their results to other similar studies.
☑ Effectively employ written, oral, visual, and electronic communication techniques to foster inquiry, collaboration, and engagement among applied physiology and kinesiology peers and professionals as well as with patients, clients, and/or subjects.	• Intern can explain to a patient the importance of hydration during exercise. • Intern can generate professional emails to ask scientific or medical questions. • Intern can generate an abstract to present research at a scientific or medical conference.

Would you like to be added to the Department's list of approved sites for future interns? ☑ Yes ☐ No

Name of student requesting completion of the site approval form (if applicable): _____

I have reviewed the APK Undergraduate Internship Policies and Procedures Manual: 17 April 2017
Date

Site Signature: john rothwell Digitally signed by john rothwell Date: 2017.04.14 06:02:48 +01'00' Date: _____

Department Approval: Blain Harrison Digitally signed by Blain Harrison DN: cn=Blain Harrison, o=Applied Physiology and Kinesiology, ou, email=blainharrison@ufl.edu, c=US Date: 2017.04.14 09:55:21 -04'00' Date: _____