

# **ANATOMY Review: A Cadaver Course, with special focus on the Peripheral Nervous System**

Your opportunity to attend an anatomy course at one of the nation's newest and technologically advanced university cadaver labs!

Saturday, August 16, 2014

Sponsored By: the California Orthopedic Manual Physical Therapy Special Interest Group (COMPTSIG) and the Kaiser Hayward PT Fellowship in Advanced Orthopedic Manual Therapy

Course location: UCSF Anatomy Lab, The Anatomy Learning Center is in the Medical Science Building, 513 Parnassus, Room S-1320 (13th floor)

## Instructor:

Stephen J. Ryan, PT, DPT, CSCS, FAAOMPT

Steve received his doctorate from Thomas Jefferson University in Philadelphia, and graduated from the Kaiser Hayward PT Fellowship in Advanced Orthopedic Manual Therapy. He is a Fellow of the American Academy of Orthopaedic Manual Physical Therapists. Steve has taught anatomy and kinesiology for over 15 years at various institutions, and he was on faculty at the Kaiser Fellowship for 8 years, until 2010. He currently teaches Kinesiology at Mills College, and he is an Assistant Clinical Professor in the UCSF/SFSU Graduate Program in PT. Steve has his own practice, Anjoe Physical Therapy and Wellness, in Emeryville, California.

Lab Assistant yet to be appointed.

## Course Description

The primary purpose of this course is to review neuromusculoskeletal anatomy on prosected cadavers in order to enhance the participants' understanding of anatomical relationships that are relevant to manual therapy.

Identifying structures and tissues in cadavers can sometimes be overwhelming, therefore we will be using the peripheral nervous system as a road map to our exploration of the surrounding soft tissue. In addition, we will explore common peripheral nerve entrapment sites in the upper and lower extremities and briefly discuss treatment options for the various entrapments.

The course will consist of a directed pre-course anatomy review, including readings that identify common upper and lower extremity nerve entrapments and their clinical presentations.

The in-lab portion of the course will be 6.25 hours long. It will consist of guided exploration of prosected cadavers, self-exploration of the cadavers by the students, and surface palpation of each other, to make the relationships reviewed in the cadaver more clinically useful.

The course will be held at the new state-of-the-art anatomy learning center of University of California, San Francisco. This is considered the premier anatomy lab in the nation. It is equipped with interactive iPad textbooks, giant video displays and roving cameras that will allow observation, discovery, and understanding of the complex architecture of the human body in a new way.

### Course Objectives

At the completion of this course, the student will be able to:

1. Identify the pathways of major peripheral nerves and the anatomy of the related nerve beds
2. Describe common entrapment sites of major peripheral nerves, and the clinical presentation of entrapment at each site
3. Design appropriate treatment interventions to address common nerve entrapment
4. Perform accurate surface anatomy palpation of select structures explored in the cadavers during this course

### Schedule

8:45 – 9:00	Introduction
9:00 – 10:30	Guided review of major upper extremity nerve pathways, identifying structures of nerve beds, general anatomy review
10:30 – 10:45	Explore and discuss treatment of nerve entrapment sites, including soft tissue and nerve mobilization
10:45 - 11:00	BREAK
11:00 – 11:30	Assisted free time to explore
11:30 – 12:00	Surface palpation
12:00 – 12:30	LUNCH
12:30 – 2:00	Guided review of course of major lower extremity nerves, identifying structures of nerve beds; general anatomy review
2:00- 2:30	Explore and discuss treatment of nerve entrapment sites, including soft tissue mobilization and nerve mobilization
2:30 – 3:00	Assisted free time to explore
3:00 – 3:30	Surface palpation
3:30 – 3:45	Q & A and wrap-up

Course level	Intermediate
Audience	Physical Therapists
Pending CEU's	.625 CEU's; 6.25 Contact Hours
Instructional methods	Discussion, demonstration and laboratory exploration
Cost	\$200 for COMPTSIG members \$250 for CPTA and APTA members \$320 for non-APTA members

Course is limited to only 20 participants!

COURSE REGISTRATION for Licensed Physical Therapists

Register via email at [ptfellowshipclass@gmail.com](mailto:ptfellowshipclass@gmail.com), with the following information:

Name \_\_\_\_\_

Address \_\_\_\_\_ City/zip \_\_\_\_\_

Cell phone \_\_\_\_\_ Work phone \_\_\_\_\_

Email address \_\_\_\_\_

Make check payable to COMPTSIG and mail to: Vanessa Labson, Kaiser Permanente, PT Fellowship, 27400 Hesperian Blvd, Hayward, CA 94545

**Registration Deadline: July 22, 2014. Cancellation fee prior to July 22, 50% administrative fee. No refunds after July 22, 2014. Cancellations must be sent to [ptfellowshipclass@gmail.com](mailto:ptfellowshipclass@gmail.com). Please put COMPTSIG anatomy class in subject line. Questions to Carol Jo Tichenor at (510) 675 4259.**