A Biomechanist Perspective on Shoulder Proprioception, or “Why oh why didn't I take the blue pill?”

With Andrew Karduna, Ph.D.

Professor, Department of Human Physiology
Director, Orthopaedic Biomechanics Laboratory
University of Oregon

Friday, April 13
1:30pm - SPH1 3755

CLICK HERE TO RSVP

Abstract: Traditionally, proprioception has been assessed with passive protocols, in which a body segment is moved by an external apparatus. While passive studies are perhaps a more pure assessment of afferent input, active protocol are arguably more ecologically valid, as it is not often that a limb is positioned passively during activities of daily living. Additionally, since active protocols do not tether a subject to a manipulandum, portable assessment is easier. This talk will focus on the biomechanical and clinical applications of active protocols joint position sense protocols, with implications for healthy, athletic, and injured populations.

Sponsor: David Lipps, Ph.D.