

Motor Control Lab at Penn State: Postdoctoral Fellow and Graduate Students

The **Motor Control Laboratory at the Pennsylvania State University** (MCL@PSU, Department of Kinesiology) is currently looking for **three new researchers** to complement the existing team. To learn more about MCL@PSU, visit: <http://www.kinesiology.psu.edu/research/laboratories/mcl/index.html>

1). We are looking for a **Postdoctoral Fellow** to work on one of the two NIH-funded projects, or both. One of the projects is related to multi-joint, multi-digit, and multi-muscle coordination in tasks such as vertical posture, stepping, reaching, pressing, and manipulation of hand-held objects. The other project is related to changes in the hand function and digit coordination with healthy aging.

A successful applicant is expected to have a Ph.D. in physiology, kinesiology, engineering, physics, or a related area. Experience with experimental studies of human movements (using force platforms, movement tracking systems and electromyography) and proficiency in MatLab, LabView and statistics are expected as well.

2). We are also looking for **two new graduate students** to join the Graduate Program in Kinesiology (M.S. and Ph.D. degrees). Applicants with undergraduate degrees in engineering, physics, physical therapy, physiology, mathematics, computer science, movement science, and similar areas are encouraged to apply. You are welcome to work on any of the mentioned projects or come up with one of your own. Assistantships are available for qualified applicants.

Our team consists of about 10 researchers representing 8 countries with expertise in various areas such as physics, physiology, mathematics, computer science, and physical therapy. We work in close collaboration with the group of Professor Vladimir Zatsiorsky (Laboratory of Biomechanics). There are possibilities of collaboration with other faculty in the Department of Kinesiology and in other Departments at Penn State.

If you are interested in the Postdoctoral position, please e-mail to Dr. Mark Latash, mll11@psu.edu a letter of interest, a detailed CV (with the list of publications), and three names of colleagues who could be contacted for references.

If you are interested in joining the Graduate Program, please e-mail to Dr. Mark Latash, mll11@psu.edu a letter of interest, a detailed CV, and GRE and TOEFL scores (if applicable). A formal application to the Graduate Program will be required (details can be found on Internet, <http://www.hhdev.psu.edu/kines/grad/index.html>).