

Announcement of Funded Doctoral Student Assistantship

Dr. Andrew T. Ludlow (Assistant Professor in the School of Kinesiology and the Director of the Integrative Molecular Genetics Laboratory at the University of Michigan in Ann Arbor) is currently seeking a motivated Doctoral Student to investigate aging biology in relation to exercise physiology for Fall 2022!

Dr. Ludlow received his Master's, and Doctoral degrees from the Department of Kinesiology at the University of Maryland, College Park. After graduating, he completed a postdoctoral research fellowship at the University of Texas Southwestern Medical Center in the joint laboratory of Jerry W. Shay and Woodring E. Wright (Cell Biology). Dr. Ludlow was a recipient of the National Cancer Institute Pathway to Independence award (K99/R00). Our research agenda includes understanding the basic mechanisms of how cells age and the associated gene expression mechanisms with a focus on RNA metabolism changes with aging (i.e., changes in alternative RNA splicing).

- The selected student will begin the PhD program in **September 2022** and will be provided with **full funding** for tuition, a living stipend and health care (student/family) as a Graduate Assistant.
- The selected student will have the unique opportunity to work on projects related to: (a) age related change in alternative splicing regulation and how it is impacted by exercise; (b); regulation and manipulation alternative splicing in stem cells and muscle cells and (c) alternative splicing regulation in cancer.
- Applicants should have a Bachelor's and a Master's degree (not required but desired) in Kinesiology or another basic science-related field. Previous research experience, publications, and a high GPA from previous academic work are highly desirable.
- Applicants will be considered on a rolling basis until the position is filled. Students will need to gain admittance to the University of Michigan School of Kinesiology doctoral program. For best consideration, interested students should contact Dr. Ludlow immediately, as applications will be reviewed upon receipt. To be considered, please send (electronically in PDF format), a letter of interest, current curriculum vitae, writing sample, and contact information of three references to Professor Ludlow (atludlow@umich.edu). In addition, please include: "Ph.D. Position: IMGL" in the subject line of your e-mail submissions.
- For more information on applying to the School of Kinesiology, please contact Charlene Ruloff at cruloff@umich.edu. Information about the Kinesiology Ph.D. program can be found at: <http://www.kines.umich.edu/graduate-admissions>, which includes a video describing the doctoral program. Information about Dr. Ludlow's research can be found at <http://www.kines.umich.edu/research/imgl>.
- The University of Michigan is an equal opportunity/affirmative action employer.