Graduate Assistantship in Developmental Biology and Genomic Editing
Michigan Technological University

A graduate position is available in Developmental Biology and Genomic Editing in the Goetsch lab in the Department of Biological Sciences at Michigan Technological University. Our work focuses on basic research in transcriptional biology in the *Caenorhabditis elegans* model system, addressing fundamental questions in developmental biology and cancer biology. The lab is aimed towards understanding how different cell types originate from one cell and one genome. One currently available project involves elucidating how somatic cells (non-reproductive cells) suppress germ cell (reproductive cell) identity during development and how cancer cells evade this process. We use a combination of high-throughput sequencing genomic analysis, genetics, biochemistry, cell biology, and CRISPR/Cas9 genomic editing to address our scientific aims. Our lab seeks a highly motivated student with some prior experience with molecular biology, genetics, and/or genomics. The ideal candidate should communicate effectively, be reliable and respectful of others, well organized, pay attention to details, and interested in actively pursuing a guided career and personal development plan. The Goetsch Lab is committed to creating a diverse environment; all qualified applicants will receive consideration. Interested candidates are encouraged to contact Dr. Paul Goetsch (pdgoetsc@mtu.edu) to discuss available projects and your career interests as soon as possible. Potential candidates could be enrolled either in the Biological Sciences graduate program (http://www.mtu.edu/biological/graduate/bio-sci/) or the PhD program in Biochemistry and Molecular Biology (http://www.mtu.edu/biochemistry/).