



grimes
Lab

join
US

We are looking for an
ambitious postdoc with
experience in cell
biology and/or
developmental biology

we are hiring

Embryonic patterning



Cilia



Zebrafish



Scoliosis



GRIMES-LAB.COM



UNIVERSITY OF
OREGON

you are

We opened our lab in 2019 at the Institute of Molecular Biology at the University of Oregon in Eugene.

we do

We want to understand how some features of vertebrate bodies (like limbs and the skeleton) develop with left-right symmetry, while others (like the heart, liver, and gut) develop with striking left-right asymmetries.

We use zebrafish to address these fundamental questions of developmental biology. Our main techniques include genome editing, confocal and micro-CT imaging, genetics and genomics, single-cell sequencing, and more.

Current projects include: understanding how mechanical flow signals are generated and sensed by cilia in left-right patterning, investigating Polycystin signal transduction, elucidating mechanisms by which the spine remains straight during growth.

We also model human diseases of aberrant (a)symmetry including heterotaxia, scoliosis, and primary ciliary dyskinesia.

we offer

The opportunity to work closely with the PI. Your career and manuscripts are important; we are committed to the long-term success of our lab members.

Training in zebrafish development and genetics. Zebrafish research was founded at the University of Oregon. As such, we share a large state-of-the-art aquarium with labs that use the zebrafish for diverse science. There is no better place to work with zebrafish!

The lab is well funded by NIH and private foundation awards. Our trainees have also been successful in winning fellowships including NSF GRFP, NIH pre- and post-doctoral fellowships, and HHMI Gilliam.

Career mentorship and training in manuscript and grant writing, presenting data, project management, and opportunities to mentor others if desired.

Candidates must have (or will soon have) a PhD in a relevant field and evidence of excellent scholarship. Confocal imaging experience is a bonus, but experience with zebrafish is not required. The position is funded, but candidates will be expected to apply for external funding opportunities. Visit our website (grimes-lab.com) for application instructions.