The Murphy group is seeking postdoctoral fellows interested in the application and development of machine learning and computer vision methods to analyze cell and tissue organization as reflected in microscope images. The group is highly interdisciplinary and interactive, and collaborates extensively with groups at many locations. Projects range from automated analysis of digital pathology images of human tissues, to modeling of subcellular organization in individual plant and animal cells, to machine learning for understanding perturbagen effects on cells. **Positions are available in Pittsburgh and/or Freiburg and applications will be accepted until all positions are filled.**

Additional information can be found at

http://murphylab.web.cmu.edu
http://lane.compbio.cs.cmu.edu

**REQUIREMENTS**

- PhD in Computational Biology, Bioinformatics, Machine Learning, Computer Vision, Computer Science, Statistics, or Electrical and Computer Engineering
- Expertise in machine learning, computer vision, and/or image analysis with interest in biomedical applications.
- Strong record of research publication.
- Excellent communication skills.

Please send cover letter describing research interests, curriculum vitae (including list of publications and presentations), and three letters of reference to murphy@cmu.edu