

Postdoctoral Positions in Mammalian Regenerative Biology

The [Seifert lab](#) in the [Department of Biology](#) at the University of Kentucky (UK) is seeking exceptionally creative postdoctoral researchers to join our group. We utilize a diverse array of species to understand the cellular and molecular basis for complex tissue regeneration in mammals. In addition to maintaining an active breeding colony of spiny mice (*Acomys cahirinus*) at UK, we continue to work with wild-trapped rodent species in Kenya (regenerating and non-regenerating). Successful applicants will initially join projects investigating how immune cells regulate the regenerative response to injury or how fibroblasts coordinate local inputs to undergo morphogenesis during regeneration. Ideal candidates will have a strong background in developmental biology, experience working with model or non-model organisms, expertise in microscopy and comfortability with bioinformatics. While these are funded positions, postdocs in the Seifert lab are strongly encouraged to develop their own projects and external funding portfolios as a pathway toward independence. Informal inquiries are strongly encouraged. For additional information visit: <http://www.ashleyseifert.com/opportunities.html>

Review of applications will begin January 30th and will continue until the position has been filled. Candidates will have completed their Ph.D. prior to starting the position but need not have defended their dissertation prior to applying. Applicants should send a single pdf document to Ashley Seifert (awseifert@uky.edu) that includes their CV, names of three references, and a 1-2-page synopsis of their current research interests and how these complement our overall research program.

The Department of Biology houses a strong group of research labs interested in regenerative and stem cell biology using a diverse array of animal models (e.g., spiny mice, salamanders, planarians, lampreys, zebrafish) and *in vitro* systems. Together, these labs create a vibrant atmosphere to pursue interdisciplinary projects across comparative genomics, developmental, regenerative and evolutionary biology.

UK is located in Lexington, KY, known for the many bucolic horse farms that surround the city, thoroughbred racing at Keeneland, and equestrian events at Kentucky Horse Park. Lexington and the surrounding area are home to many bourbon distilleries, microbreweries and numerous outdoor activities including hiking and world-class climbing at the nearby Red River Gorge. The cost of living in Lexington is modest and many UK students, faculty, and staff live close to the University where they commute by walking or biking.