The Consortium of Plant Invasion Genomics (CPING) invites applications for a postdoctoral researcher. CPING is an NSF-funded project spanning five universities with the joint missions to determine how and why certain plant species become invasive and to train the next generation of botanists to use modern genomic and bioinformatic tools. The position will be based in the Kooyers Lab at the University of Louisiana, Lafayette and will focus on the evolutionary genomics of invasion using white clover as a model species. Specifically, the successful applicant will analyze genomics data from herbarium specimens, a worldwide collection of contemporary samples from native and introduced ranges, and field experiments to examine the evolutionary history of introductions and role of adaptation following different introductions in creating the current distribution and population structure. Most of this data is already collected and waiting for analysis as well as potential follow-up experiments.

A major strength of this position is that the successful applicant will be integrated into both the CPING network and the Global Urban Evolution (GLUE) network, allowing the applicant to develop a large professional network of collaborators. Opportunities for outreach through participation in genomics and bioinformatics bootcamps will also be available. The successful candidate will also have the latitude (and a separate pool of research funds) to pursue independent research interests.

This position is funded by an NSF supplemental award that requires the successful candidate come from a Minority Serving Institution (MSI).

Qualifications:
Mandatory
- PhD in evolutionary biology, population genetics, computational biology, ecological genomics, botany, evolutionary ecology, or a related field.
- PhD from a Minority Serving Institution
- Interest in Invasion Biology.

Desired
- Experience constructing genomic libraries
- Experience in bioinformatics (working in a Unix environment, genome assembly, phylogenomic or population genomic analyses)
- Experience with coding and/or statistics in R, python, Perl, or another computing language
- Desire and propensity to teach genomics and bioinformatics to all levels of trainees
- Excellent communication and organization skills

The initial appointment is for one year with the opportunity to extend up to another year. Extension after year two is contingent on receiving further grant support. Support includes a competitive salary and a benefits package including retirement and health care. A stipend for independent research ($5,000/year), travel funds to a national meeting each year, and travel funds to the CPING's Invasion Genomics meeting are also included.

Informal inquiries about the position can be sent to Dr. Nic Kooyers (nkooyers@gmail.com) and we encourage applicants to contact Dr. Kooyers prior to applying. Formal applications will eventually

need to be filled out University of Louisiana, Lafayette's Human Resources Careers page (HR still processing). Please include your CV, contact information for 3 references, and a cover letter that outlines your current research interests, future directions, and interest in this position. References will only be contacted for applicants on the short list. Review of applications begins immediately and continues until the position is filled. Start date needs to be within 6 months, but funding is available immediately.

Both CPING and University of Louisiana at Lafayette are Equal Opportunity Employers and all qualified applicants will receive consideration for employment without regard to age, race, color, religion, sex, sexual orientation, gender identity or expression, national origin, disability status, protected veteran status, or any other characteristic protected by law.