



## Postdoc position in plant chromosome evolution

The Choi lab in the Department of Ecology and Evolutionary Biology at the University of Kansas (Lawrence, KS) is seeking for a postdoctoral scholar to study the evolution of plant chromosome structures. The lab's long-term goal is to understand the function and evolution of the structural variation in plant chromosomes. The candidate for this hire will work on a project that aims to understand the genetic and evolutionary basis of telomeric variation in maize (*Zea mays*), using population genetic theory, fieldwork, quantitative genetics, functional genomic and single cell genomic approaches.

### Qualifications:

The successful candidate will have a Ph.D. in the following or related fields: genetics, molecular biology, evolution, and bioinformatics. Experience with high-throughput sequencing and genomic data analysis is desired but not necessary.

Preference will be given for candidates with demonstrated experience in plant science, plant genetics, plant physiology, or plant molecular biology.

Responsibilities will include contributing to ongoing research in the lab, developing independent research projects, and mentoring graduate/undergraduate students.

### Application instructions:

Applicants can email PI Jae Young Choi ([jyc387@nyu.edu](mailto:jyc387@nyu.edu)) that includes

- (1) a curriculum vitae
- (2) a cover letter - letter of application that summarizes your qualifications and interest in the position
- (3) contact information for three references

Questions regarding the search and position may be sent to Jae Young Choi ([jyc387@nyu.edu](mailto:jyc387@nyu.edu)). Applications will be reviewed as they are submitted and the position will remain open until filled. The expected start date is January 2023, but negotiable.

The Choi lab is part of Department of Ecology and Evolutionary Biology (<https://eeb.ku.edu/>). More information about the lab's research interests can be found at <https://jyoungchoi.wordpress.com/>