



*Hermann J. Muller Award for Contributions to Our Understanding of Genes and Society*  
**Award Ceremony and Lecture**

Thursday, March 22 • 4:00 p.m. • Woodburn Hall Room 100

## Mary-Claire King

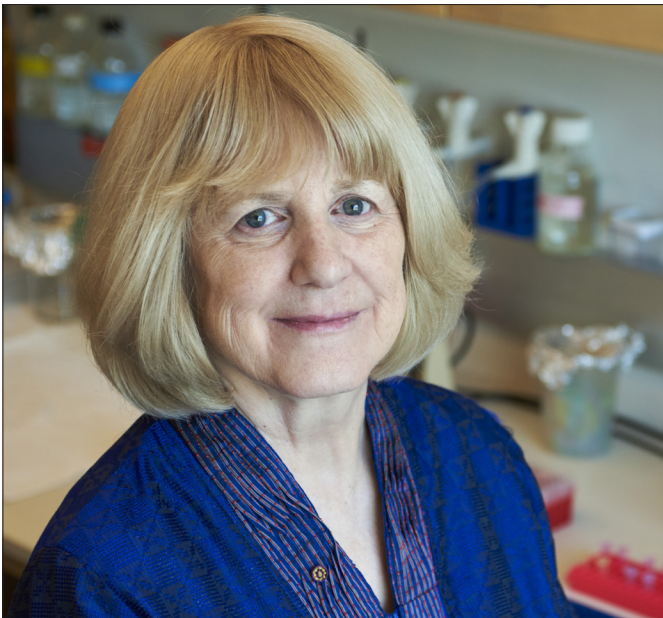
Professor of Genome Sciences and of Medicine (Medical Genetics)  
University of Washington

### Genetics Is a Way of Thinking; Genomics Is a Set of Tools

Hermann Joseph Muller and the other geneticists of his era asked fundamental questions about evolution, mutation, variation, and the human condition.

Modern geneticists ask the same questions. The difference is our capacity to answer them. We are the very lucky beneficiaries of the revolution in genomics.

In her lecture, King will give some examples from her lab that illustrate the power of genetics as a way of thinking coupled with genomics as a set of tools.



Mary-Claire King | Steven Dewart/Komen Foundation

Free and open to the public  
[go.iu.edu/muller](http://go.iu.edu/muller)

### Why you know Mary-Claire King:

- She identified the BRCA1 gene linked to increased breast-cancer risk, transforming diagnosis and treatment of the disease.
- She pioneered the use of gene testing to help rectify human rights violations, assisting Argentinian grandmothers in reuniting kidnapped children with their families.
- She discovered that humans and chimpanzees are genetically 99 percent the same.



This award and lecture honors Hermann J. Muller—renowned geneticist, Nobel Laureate, social activist, and esteemed IU Bloomington faculty member (1945-67). It recognizes luminary international geneticists whose discoveries, like Muller's, have or are making a significant impact on the field of genetics and society.