

## **Genomic Resources**

### **B110: Genomics and its impact on Society**

Outreach opportunities that have occurred or are currently available at Cornell.

<http://bti.cornell.edu/pgrp/>

Student internships, Teacher training, curriculum development, access to experts and the Plant Genome Research Project <http://outreach-pgrp.cornell.edu/>

Rice Genomics @ Cornell

<http://www.ricegenomics.cornell.edu/INT2004.htm>

High school lab modules

Opportunities for students

Curriculum resources (<http://www.ricegenomics.cornell.edu/tutorial.htm>)

In-School labs <http://rice-evolution.cornell.edu/riceevol-outreach.php>

Cereal Database – Gramene ([www.gramene.org](http://www.gramene.org)) and outreach

(<http://www.gramene.org/outreach/outreach.html>) Species Pages (

Cornell Genomics Initiative

[http://www.genomics.cornell.edu/focus\\_areas/information/](http://www.genomics.cornell.edu/focus_areas/information/)

Bioengineering & Biomedical Engineering, Biogeochemistry & Biocomplexity, Business Innovation, Computational & Statistical Genomics  
Ethical, Legal & Social Issues, Evolutionary Genomics, Mammalian Genomics, Microbial Genomics, Molecular & Chemical Ecology, Neural Systems & Behavior, Physical/Life Sciences Interface, Plant Genomics

Tomato Sequencing Project

[http://www.sgn.cornell.edu/about/us\\_tomato\\_sequencing.pl](http://www.sgn.cornell.edu/about/us_tomato_sequencing.pl)

Cornell Institute for Biology teachers

<http://cibt.bio.cornell.edu/>

Center for Plant Genomics Training and Education

[http://www.potatogenome.org/outreach/programs\\_by\\_location/jahn/](http://www.potatogenome.org/outreach/programs_by_location/jahn/)

Institute for Genomic Diversity

<http://www.igd.cornell.edu/>

More Cornell Outreach Programs

<http://www.cornell.edu/outreach/programs/>

Cornell Theory Center (<http://www.tc.cornell.edu/>) and Science Center

(<http://www.scicentr.org/>)

## Non-Cornell Educational Resources

### Dolan Learning Center

<http://www.dnalc.org/home.html>, Includes student camps and educator training.

### National Plant Genome Initiative 2003-2008

<http://www.ostp.gov/NSTC/html/npgi2003/index.htm> The National Science and Technology Council (NSTC) believes it is critical to continue and even accelerate research efforts in plant genomics in order to take advantage of exciting scientific opportunities that will lead to improved agriculture, energy and health, thus ensuring a high quality of life for future generations. The scientific community has established extensive interdisciplinary and international collaborations to achieve the goals of the NPGI.

### NCBI Genomics Primer

[http://www.ncbi.nlm.nih.gov/About/primer/genetics\\_genome.html](http://www.ncbi.nlm.nih.gov/About/primer/genetics_genome.html)

### International Maize and Wheat Improvement Center

<http://www.cimmyt.org/>

### Functional Genomics and Society (From European Science Foundation)

<http://www.functionalgenomics.org.uk/sections/programme/society.htm>

### African Crop Improvement Website

<http://www.africancrops.net/>

### National Human Genome Research Institute

<http://www.genome.gov/>