Choose your Adventure in Biology or Genetics

A Virtual Visiting Professor Program:
The Virtual Visiting Professor Program aims to serve as a valuable resource to supplement classroom activities in your high school biology/life science classes. Faculty virtual visits serve two purposes. They provide an opportunity to have an ISU faculty member present a seminar on their cutting-edge research and provide your students with first-hand information about resources available at Iowa State University in the areas of biology and genetics.

Examples of presentation topics:
Dr. Joe Aung: How do plants talk to each other?
Dr. Dean Adams: Using salamanders to understand how morphology evolves
Dr. Raquel Espin-Palazon: Zebra-fishing for the cure of blood disorders
Dr. Jeff Essner: Understanding and repairing the genome using CRISPR/Cas9
Dr. Hongqing (Michelle) Guo: FERONIA, an important player in balancing plant growth and stress responses
Dr. Dior Kelley: Roots as a route to study plant stem cells
Dr. Marna Nelson-Yandeau: A plant’s molecular raincoat: Researching ways in which plants protect themselves from environmental stress
Dr. Don Sakaguchi: Stem cells and bioengineering for brain and tissue repair strategies
Dr. Geetu Tuteja: The basic biology of pregnancy disorders

For more information and a list of presentation topics, or to arrange a virtual visiting professor visit to your classroom contact: Professor Don Sakaguchi, Director of Biology and Genetics Undergraduate Programs, Iowa State University, dssakagu@iastate.edu

Biology and Genetics Undergraduate Programs
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Majoring in Biology or Genetics: Whether your students are interested in pursuing a career in the medical field (human or animal), in plant sciences, in genetic counseling, or in other areas of the life sciences, the Biology and Genetics Programs at Iowa State University will prepare them for their future careers.