

# 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 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 Yandea-Nelson:** 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

### 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.

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](mailto:dssakagu@iastate.edu)



Visiting Professor  
Program

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