

Technological Advances in Reproductive Physiology Summer Science Program

About the Program: The Technological Advances in Reproductive Physiology Summer Science Program at NCSU is a program developed for high school sophomores and juniors who have interest in science and development of animals. The program, sponsored by Burroughs Wellcome Fund, has the goal of encouraging students to pursue further education and careers in a science-oriented field. Students who participate in the summer program will serve as educators at their home school and present results of their research. Additionally, the program offers students the opportunity to live on and experience university life, firsthand. The program is free to individuals who are selected after the application process.

Program Activities: We offer a two-week summer program in the NCSU Department of Animal Science through an award from Burroughs Wellcome Fund. Students will learn about development of individuals from gametes, to fertilization, to adult. Dissections allow students to explore anatomical structure. Additionally, students will perform independent research and have opportunity to interact with many professionals in the field of reproductive medicine and reproductive physiology while living on a college campus. As part of this summer program, students will be offered the opportunities to:

- Learn and study in a university format
- Dissect fresh and preserved specimens from many species
- Live on and tour a university campus for two weeks
- Take field trips to active human and bovine reproductive labs
- Perform and report research in reproductive biology and embryonic development

Other Information: Students will be offered a travel stipend, lodging, meals, and the opportunity to travel to a human fertility clinic and two active bovine reproductive laboratories.

For more information:

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