Want to start using CASE in your agricultural education program?

Attend a CASE Institute!

- CASE Institutes are intense professional development led by practicing CASE teachers.
- The CASE curriculum is free to those who successfully complete a CASE Institute.
- Institutes are hosted by affiliated universities and colleges across the United States each summer.
- CASE teachers receive complimentary updates to the curriculum and many other services throughout their careers.
- For a complete listing of upcoming CASE Institutes and certification information, please visit www.case4learning.org and click on “Professional Development.”
During *Animal and Plant Biotechnology*, a specialization-level course in the CASE program of study, students become proficient at projects involving micropipetting, bacterial cultures and transformations, electrophoresis, and polymerase chain reaction. Research and experimental design are highlighted as students develop and conduct industry appropriate investigations.

**Animal and Plant Biotechnology**

**Areas of study include:**
- Laboratory Protocols & Safety
- Cells
- DNA & Protein
- Genetically Modified Organisms
- Micropropagation
- Polymerase Chain Reaction
- Research in Biotechnology

**CASE provides teachers hands-on professional development to facilitate instruction.**

We are grateful to **MetLife, Inc.** and the **United Soybean Board** for sponsoring the CASE *Animal and Plant Biotechnology* course as a special project through the **National FFA Foundation**.