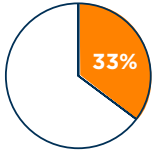


Career Readiness

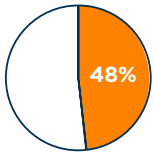
There are endless career choices. Whatever career we choose to pursue, we need to begin to develop skills that will prepare us for the future.

There is a lack of technical and workplace skills in today's workplace. According to the 2015 Manpower Group Talent Shortage Survey,

U.S. EMPLOYERS



One in three U.S. employers have a hard time filling positions due to potential employee's talent shortage.



48% of U.S. employers acknowledge that talent shortages have an impact on their business.

Despite this lack of know-how in today's workplace, more youth than ever are graduating high school and pursuing postsecondary education. However, youth are still lacking the critical expertise that will help them succeed in their careers. America has a very real career readiness gap (Career Readiness Framework).

4-H is the nation's largest youth development organization. The 4-H program and its project areas are proven to develop those critical skills needed in today's workplace. This is achieved by allowing youth to Explore, Learn, Practice, and Experience possible careers.

Sources: Manpower Group. (2015). Talent shortage survey. Available from <http://www.manpowergroup.com/wps/wcm/connect/manpowergroup-en/home/thought-leadership/research-insights/talent-shortage-2015>

National 4-H Council. (2015). 4-H career readiness framework: Growing a generation prepared to succeed in life & career. Chevy Chase, MD: No author.



Get Involved with 4-H!

- 1. Identify your area of interest** and match it with a 4-H project area.
- 2. Contact your local Extension office to find a club in your area.**
extension.usu.edu/locations
- 3. Learn new skills and have fun!** Invite your friends to participate in 4-H activities!
utah4h.org



EXTENSION 

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APPLIED SCIENCES

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ANIMAL, DAIRY AND VETERINARY SCIENCES (BS)

Biotechnology Emphasis





4-H PROJECT AREAS

4-H gives youth an opportunity to explore different career paths, learn and practice new skills, and experience what a career in a related field may be like. This is achieved by allowing youth to participate in a large assortment of project areas and contests. Listed below are some of the project areas and contests that apply to a career in Biotechnology:

4-H Projects

- Livestock Production
- Maker Clubs
- Animal Nutrition
- Animal Genetics

4-H Contests

- Livestock Bowl
- Ag Demonstrations

Through involvement in these programs youth are able to experience what a career may be like in the field of Biotechnology. Youth are able to explore the possibilities and learn skills that will benefit their future careers.

USU PROGRAMS

Utah State offers a great Animal, Dairy and Veterinary Science (ADVS) program. Students seeking a degree in the ADVS Department with an emphasis in Biotechnology Science will be taking courses in...

- Animal Science
- Animal Production
- Biology
- Statistics
- Chemistry
- Organic Chemistry
- Economics
- Physics
- Animal Anatomy and Physiology
- Animal Nutrition
- Animal Genetics and Breeding
- Animal Health and Hygiene

BE AN AGGIE

Source: catalog.usu.edu



CAREERS

An ADVS degree with an emphasis in Biotechnology will prepare you for a career in...

- **Laboratory Technical Support**
- **Animal Caretakers**
- **Research Scientists**
- **Genetics and Animal Breeding**
- **Population Genetics**
- **Molecular Genetics**
- **Epigenetics**
- **Reproductive Management**
- **Endocrinology**
- **Cloning**
- **Embryo Technology**
- **Nutrition**
- **Feeding Programs**
- **Nutrition/Reproduction Interactions**
- **Nutrition/Health/Immunity Interactions**
- **Environmental Physiology**

Source: Animal, Dairy, and Veterinary Sciences: BS. (n.d.). Retrieved May 24, 2016, from <http://www.usu.edu/degrees/index.cfm?id=156>



EXPLORE & LEARN



PRACTICE



EXPERIENCE