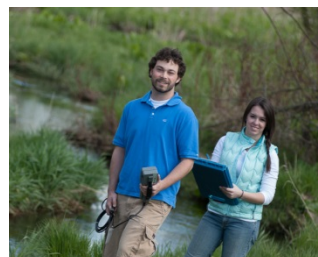




It's a Great Time to Think Ag





**FROM
PHILADELPHIA TO ...**

PHILADELPHIA

DEC 4, 2015 @ 08:00 AM 13,786 VIEWS

Want A Job? Study Food And Agriculture



Jeffrey Dorfman, CONTRIBUTOR

I use economic insight to analyze issues and critique policy.

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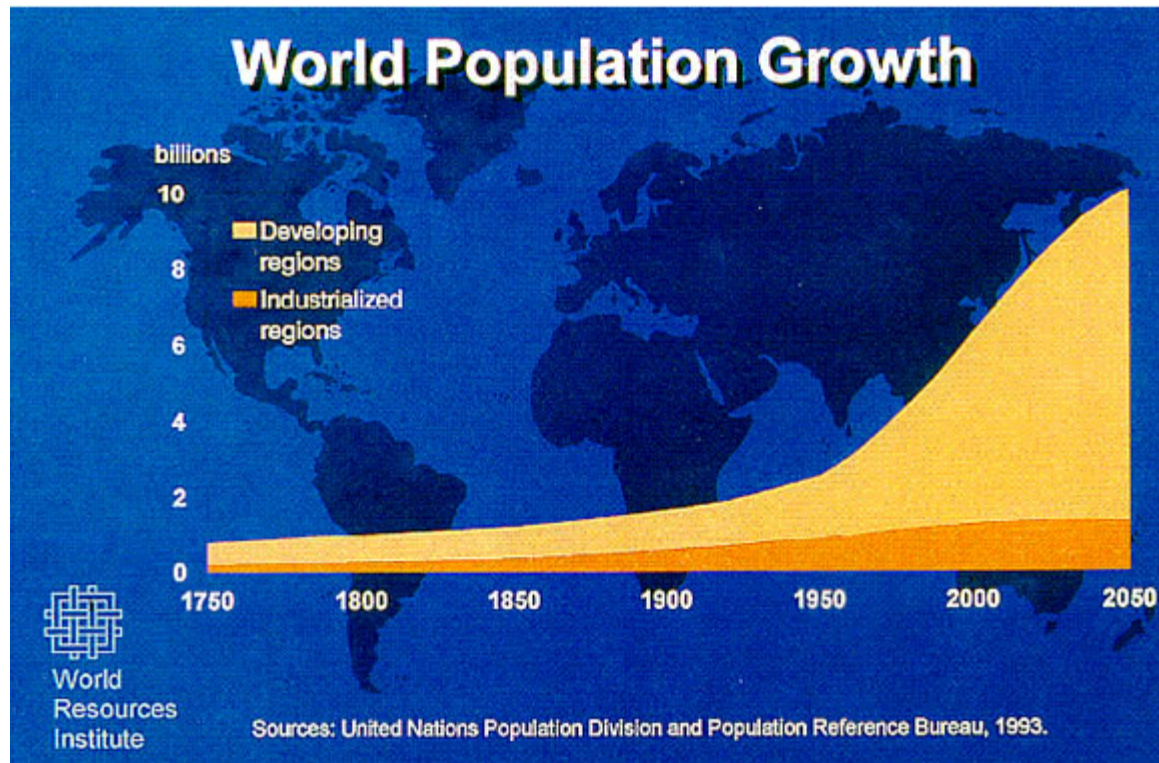
FULL BIO ▾

Many parents and children today worry about both what college costs and whether after spending all that money they will be able to get a good job. In general, college graduates do get jobs after graduation—the unemployment rate for college grads is under 3%—but

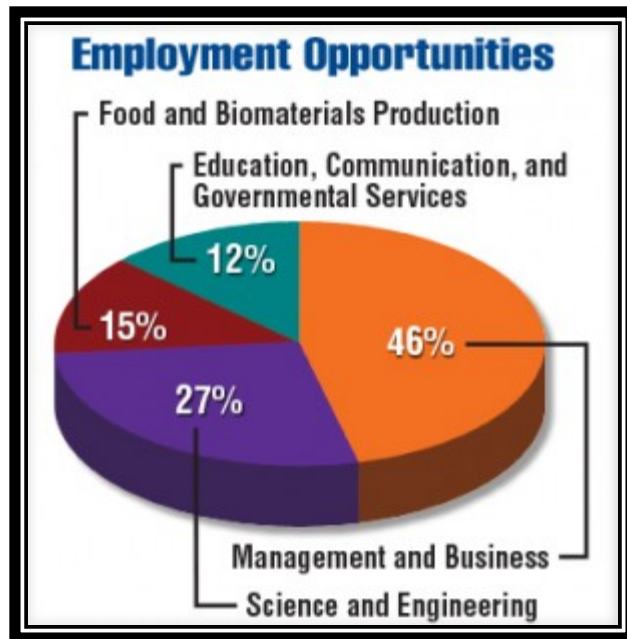
“People will always eat, so jobs in producing, processing, transporting, and selling food will never go away. For good-paying, rewarding, and secure employment, college students would be well-served to find a major in food and agriculture.”

**WE'RE
GROWING
JOBS**

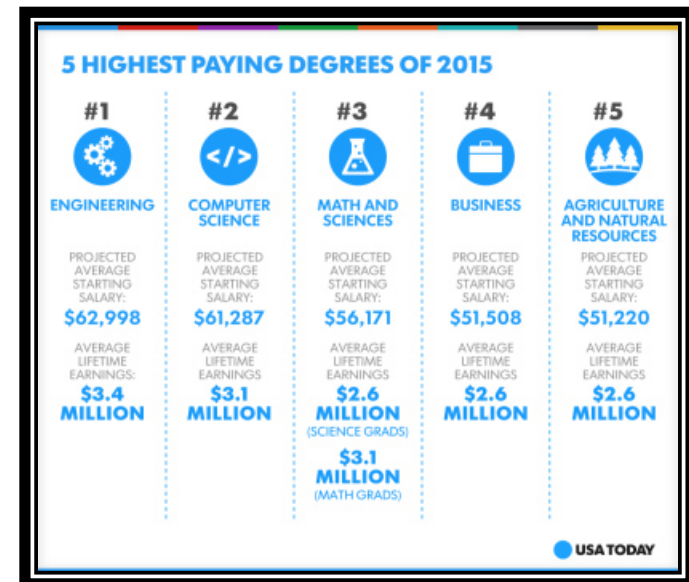
What 9 Billion Means to Us



A Great Time to be in Ag Sciences



- 57,900 average annual openings
- 35,400 average graduates



College of Agricultural Sciences



“Our college is a place
where you can do well
and do good at the same
time.”

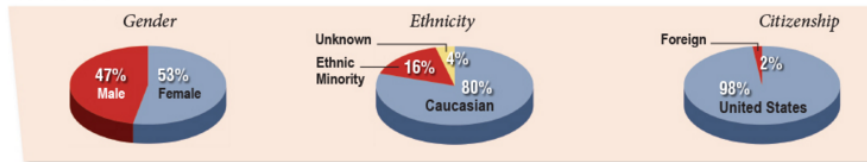
- *Dean Richard T. Roush*
Penn State College of Agricultural Sciences

Characteristics of Graduates *(Data in Percents)*

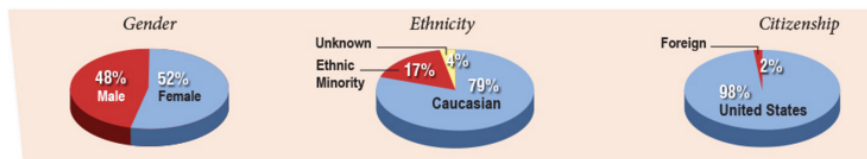
The data below compare characteristics of graduates of U.S. Colleges of Agriculture and Life Sciences, Forestry, and Veterinary Medicine from 2001–2002 to the same group of graduates from 2012–2013. Gender and ethnicity graphs include only U.S. citizens.

Bachelor's

2001 - 2002



2012 - 2013



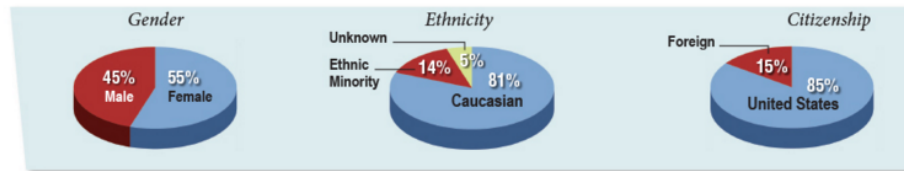
Source: National Center for Education Statistics

Characteristics of Graduates *(Data in Percents)*

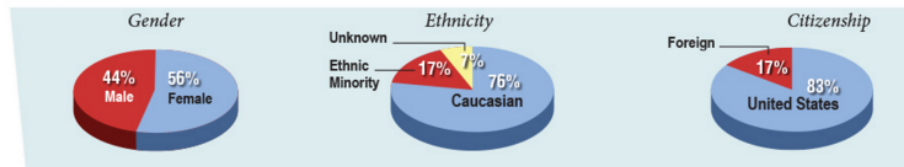
The data below compare characteristics of graduates of U.S. Colleges of Agriculture and Life Sciences, Forestry, and Veterinary Medicine from 2001–2002 to the same group of graduates from 2012–2013. Gender and ethnicity graphs include only U.S. citizens.

Master's

2001 - 2002



2012 - 2013



Source: National Center for Education Statistics

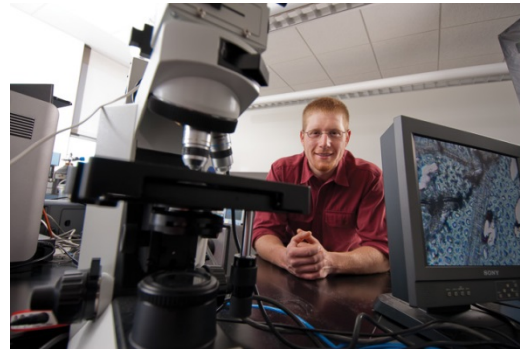
Factors Impacting Market for Grads

- Macroeconomic conditions and retirements
- Growing numbers of qualified graduates
- Changing consumer preferences for foods and biomaterials
- Public policy choices affecting food, agriculture, renewable natural resources, and the environment
- Technological advancements in agriculture and biomaterials
- Global market shifts in population, income, food, and energy

Looking Beyond the B.S.

- Role of Career and Technical Education (CTE) programs
- Potential for Associate Degrees and Industry Certifications
- Local options and opportunities
- Shifting technology and job pockets

**STEM
IS ACTUALLY
STE-A-M**



THE DIVERSITY OF AGRICULTURE

Agricultural Sciences Majors

Agribusiness Management	Agricultural & Extension Education	Agricultural Science
Animal Science	Biological Engineering	BioRenewable Systems
Community, Environment & Development	Environmental Resource Management	Food Science
Forest Ecosystem Management	Immunology & Infectious Disease	Landscape Contracting
Plant Sciences	Toxicology	Turfgrass Science
Veterinary & Biomedical Sciences	Wildlife & Fisheries Science	

Focus on Animals

Agribusiness Management	Agricultural & Extension Education	Agricultural Science
Animal Science	Biological Engineering	BioRenewable Systems
Community, Environment & Development	Environmental Resource Management	Food Science
Forest Ecosystem Management	Immunology & Infectious Disease	Landscape Contracting
Plant Sciences	Toxicology	Turfgrass Science
Veterinary & Biomedical Sciences	Wildlife & Fisheries Science	