Investigating Food Science Professions

Ensuring a nutritious, safe and abundant food supply
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Careers

- Production
- Manufacturing
- Distribution
- Quality Control
- Foodservice
- Dietetics
Food Production

Jobs

- Farms that grow:
  - fruits
  - grains
  - livestock
  - nuts
  - poultry
  - vegetables

- New types of farms:
  - Aquaculture
  - Organic

Careers

- Biologists
- Biotechnologists
- Botanists
- Farmers
Food Manufacturing

Jobs

- Raw foods are processed for:
  - washing
  - canning
  - freezing
  - drying
  - packaging

- Also refines, combines and alters foods to make other products

Careers

- Food engineers
- Food marketing experts
- Food packaging specialists
- Microbiologist
Food Distribution

Jobs
- Involves hauling and storing food

Careers
- Food distributors
- Food engineers
Quality Control

Jobs

- Ensure that food products:
  - are safe and meet federal regulations
  - meet a set standard of quality

Careers

- Food inspectors
- Food testers
Foodservice

Jobs
- Involves preparing meals and serving them

Careers
- Entry-level:
  - buspersons
  - cooks
  - hosts
  - servers
- Skilled:
  - chefs
Dietetics

Jobs

- Applies nutritional principles to meal planning and preparation

Careers

- Dietitian
Employment

Business
Education
Government
Goal

- To produce goods and services for profit

Division

- Companies that make food-related products
- Trade organizations that promote various foods
Goal

- To teach students

Division

- Employs people who teach food science in public and private schools
**Government**

**Goal**
- To protect the well-being of citizens

**Division**
- Federal
  - Commerce Department
  - Food and Drug Administration (FDA)
  - U.S. Department of Agriculture (USDA)
- State or local
  - Departments of health
What is Food Science and Technology?

(click on link)
Questions?
References and Resources

Images:
- Microsoft Office Clip Art: Used with permission from Microsoft.

Textbook(s):

Website:
- Institute of Food Technologists
  - Feeding the minds that feed the world
  - [http://www.ift.org/](http://www.ift.org/)

Video:
- What Is Food Science & Technology?
  - Learn what food science is all about and hear from people that work in the profession about what it’s like to work in food science.