FAEIS – A Resource for Agriculture Faculty and Institutions
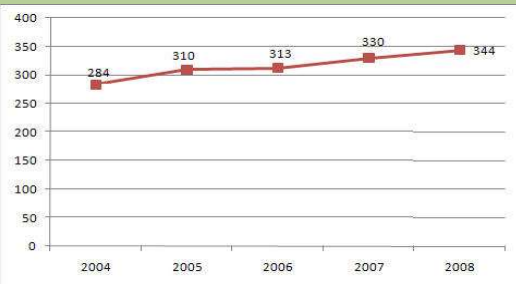
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faeis Food and Agricultural Education Information System
http://faeis.ahnrit.vt.edu/

USDA | NIFA

VirginiaTech
College of Agriculture and Life Sciences

Abstract

The Food and Agricultural Education Information System (FAEIS http://faeis.usda.gov) compiles nationwide higher education data for agriculture, natural resources, family and consumer sciences/human sciences, veterinary medicine and other related disciplines. These data include undergraduate and graduate student enrollment, degrees awarded at all degree levels, placement and faculty numbers and salaries by rank and discipline. FAEIS is used by the United States Department of Agriculture (USDA) in responding to Congressional inquiries to support higher education and related USDA programs. Higher education administrators use FAEIS data in recruiting and benchmarking students and faculty, as well as institutional planning, and regional and national comparisons. Faculty use FAEIS for USDA - Higher Education grant proposals. FAEIS data can help you learn about enrollment trends, emerging disciplines, student placement, and faculty numbers and salaries. You can study these data by discipline, institution or even institution type. FAEIS allows you to track trends of students and faculty by gender and ethnicity. Multi-dimensional reports can be created in seconds with FAEIS Report Builder. You can select, filter and present the data exactly as you need it. The online Report Builder is fast, convenient, clear and easy to learn and use. FAEIS team members will demonstrate customized reports to answer questions related to student enrollment, degrees awarded, student gender and race, faculty headcounts and salaries by rank, discipline and institution.
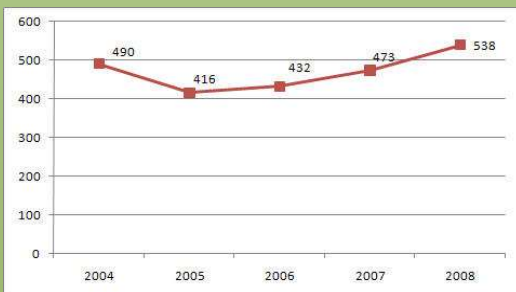
Sustainable Energy Results

Exploring the Supply of Faculty and Graduate Students For the NIFA Priority Area of Sustainable Energy

FACULTY COUNT in Agriculture Engineering and Agricultural Products Processing

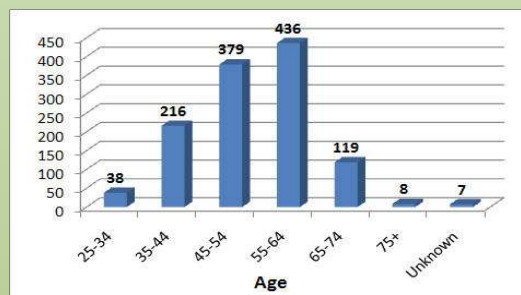GRADUATE STUDENTCOUNT in Agriculture Engineering and Agricultural Products Processing

Faculty Count Results

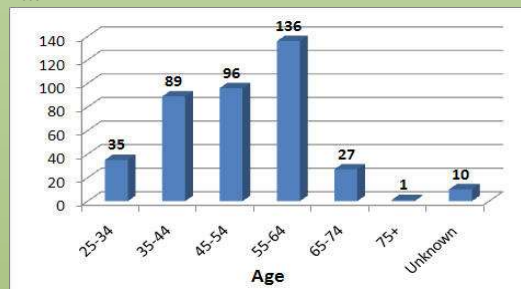**Exploring the Pipeline - Faculty Counts and PhD Graduates**

The charts below show an analysis of faculty and PhD data that exists in the FAEIS faculty and degrees awarded databases. We selected the Academic Area that has the highest number of PhD graduates for each of the three major FAEIS program areas:
•Plant Science (Agriculture)
•Human Development, Family Studies, and Related Services
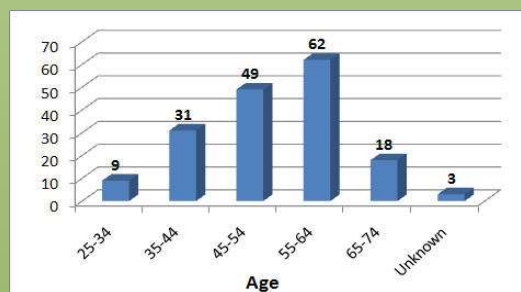•Natural Resources Conservation and Research

Faculty Count in PLANT SCIENCES in 2008

Faculty Count in HUMAN DEVELOPMENT, FAMILY STUDIES AND RELATED SCIENCES in 2008

Faculty Count in NATURAL RESOURCES CONSERVATION AND RESEARCH in 2008
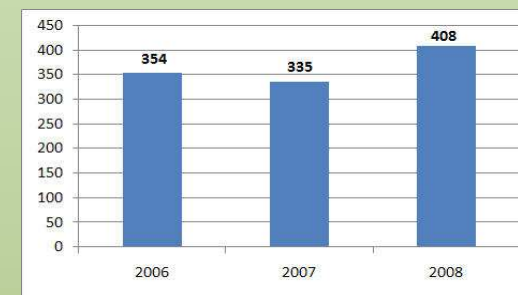

Doctoral Degrees Results

There is a growth in the number of PhD degrees awarded since 2006 for the Plant Science and Natural Resources Conservation and Research academic areas. The number of PhD degrees awarded in the Human Development, Family Studies, and Related Services academic area is flat. The number of new PhD graduates in 2008 for each of the three academic areas is:
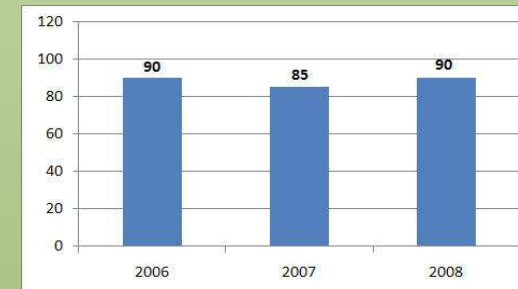•Plant Science – 408 in 2008 (1,097 for 2006-2008)
•Human Development, Family Studies, and Related Services - 90 in 2008 (265 for 2006-2008)
•Natural Resources Conservation and Research – 125 in 2008 (304 for 2006-2008)
So at least for these three academic areas, there appears to be a full pipeline of graduates that could fill faculty vacancies.

Doctorate Degrees Awarded in PLANT SCIENCES

Doctorate Degrees Awarded in HUMAN DEVELOPMENT, FAMILY STUDIES AND RELATED SCIENCES

Doctorate Degrees Awarded NATURAL RESOURCES CONSERVATION AND RESEARCH