

How sure are you of your future career plans?

- a) What future plans?
- b) Not sure
- c) Fairly sure
- d) Wall Street
- e) I definitely know what I want to do

Who is the number one employer of mathematicians?

- a) Appalachian State University
- b) The Census Bureau
- c) National Security Agency (NSA)
- d) Wall Street
- e) none of the above (ie some other response holds)

Qa

*“What can I do with
a math degree?”*

Qualify for a broad range of careers in business, industry, government, and teaching.

stockbroker
research scientist

public utilities analyst
foreign exchange trader

urban designer
population ecologist

estimator

animator
epidemiologist
cryptanalyst

statistician
market research analyst
quantitative analyst

technical writer

commodities trader
air traffic controller
climate analyst

teacher
financial aid director

pollster

forensic analyst
production manager

appraiser

banker
underwriter

actuary

computer programmer
claims adjuster
benefits administrator

professor

early career profiles

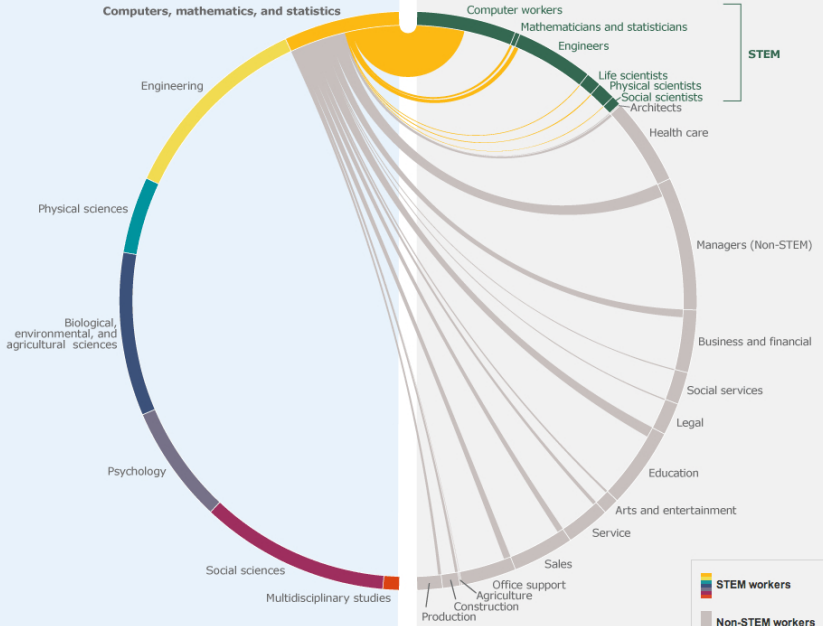
www.ams.org/early-careers/

Explore the **Early Career Profiles** of recent bachelor-level graduates with degrees in the mathematical sciences.



College Majors

Occupation Groups



Ruth Gonzalez: Mathematics of Oil Recovery



We use sound energy to help us determine exactly what the earth looks like beneath its surface, much like doctors use ultrasounds to take a peek at an unborn child, or x-rays of your body to help in diagnosing medical problems.... Mathematics allows us to see several miles into the earth [EAC Focus]

Fern Hunt: Modeling Disease at NIST



I think of myself as your average Jane and the fact that I can discover these connections - every now and again! - gives me a great deal of satisfaction. It means I'm participating in something that's at the root of the universe. Mathematics gives you the opportunity to create. [AWM Careers that Count]

Evelyn Boyd Granville: NASA Space Missions



This was the most interesting job of my lifetime - to be a member of a group responsible for writing computer programs to track the paths of vehicles in space

Sergey Brin: Google Executive



We worked hard to understand the link structure of the web... How do you decide the importance of the links on a site? We do it with mathematical formulas that go deeper and weigh many factors.

