

Flagler College



Partnership with GTM Research Reserve

- Working on identified research needs
- Working with GTM staff
 - Making connections in the community
 - Exposure to science related careers in state/federal agencies
 - Research
 - Environmental education



High Impact Learning

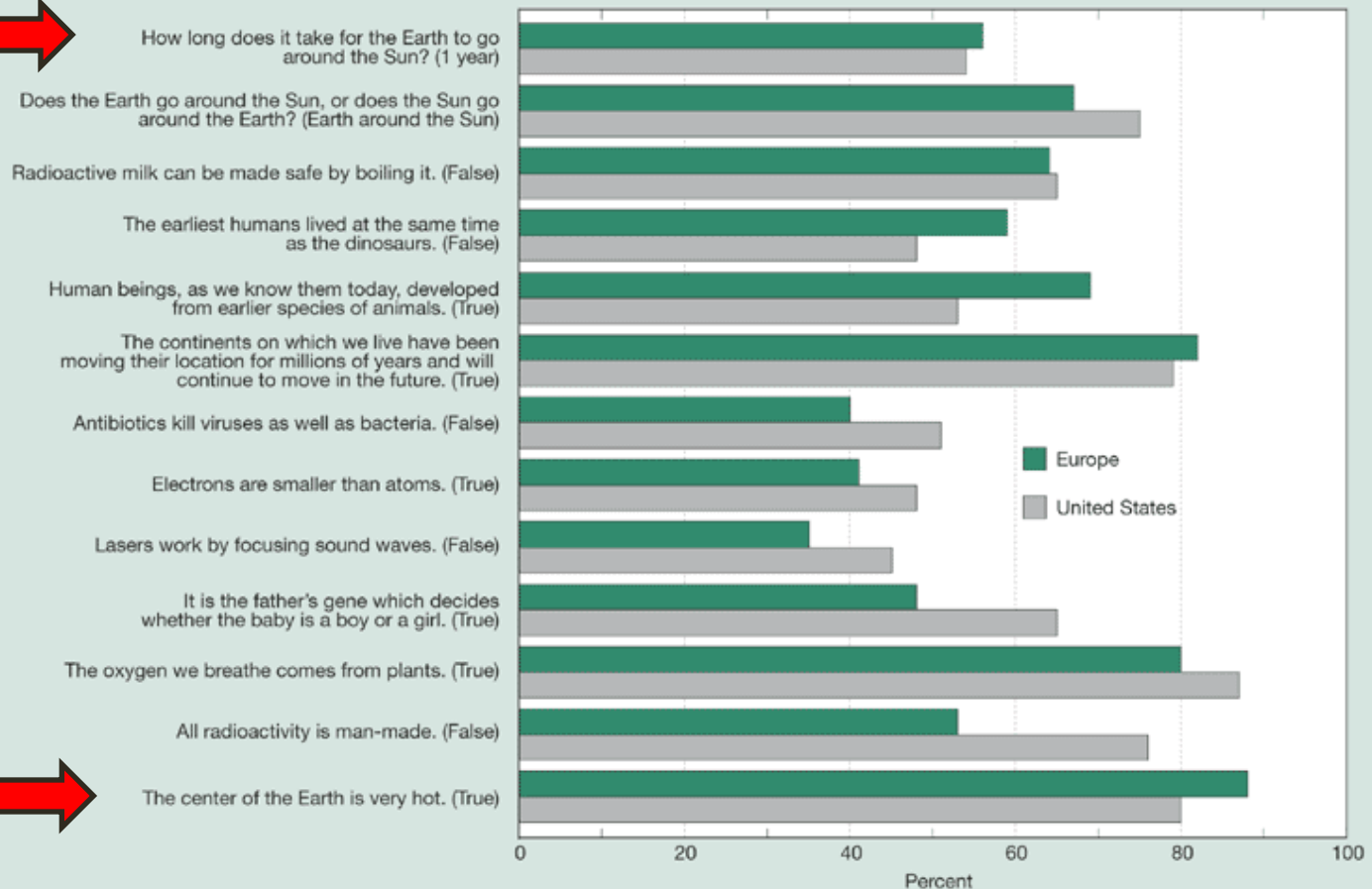


Goals of Undergraduate General Education in Science

- Improve science literacy
- Understand the scientific approach to answering questions
- Use critical thinking and logic to evaluate evidence and inform opinions on issues of the day
- **Establish a connection with local environment (become a stakeholder)**

Science literacy in the General Public

Figure 7-6
Public understanding of scientific terms and concepts: 2001



SOURCES: National Science Foundation, Division of Science Resources Statistics, Survey of Public Attitudes Toward and Understanding of Science and Technology, 2001; and European Commission, Eurobarometer 55.2 survey and standard report, *Europeans, Science and Technology*, December 2001.

The GTM Research Reserve as a tool for high impact learning



How to communicate science to the public (our students)

1. View the topic from the audience's point of view, not the institution's
2. Use face-to-face methods
3. Relate science to the everyday environment
4. Illustrate both the process and the product of science
5. Reach out beyond the science-attentive public

From NSF: Science and Engineering Indicators, 2004

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Through experiential learning, students

- Become more engaged
- Understand that humans are a part of the ecosystem, not outside observers of it
- That natural areas have real economic value for them
- That environmental issues affect them now, not just in the future.

