

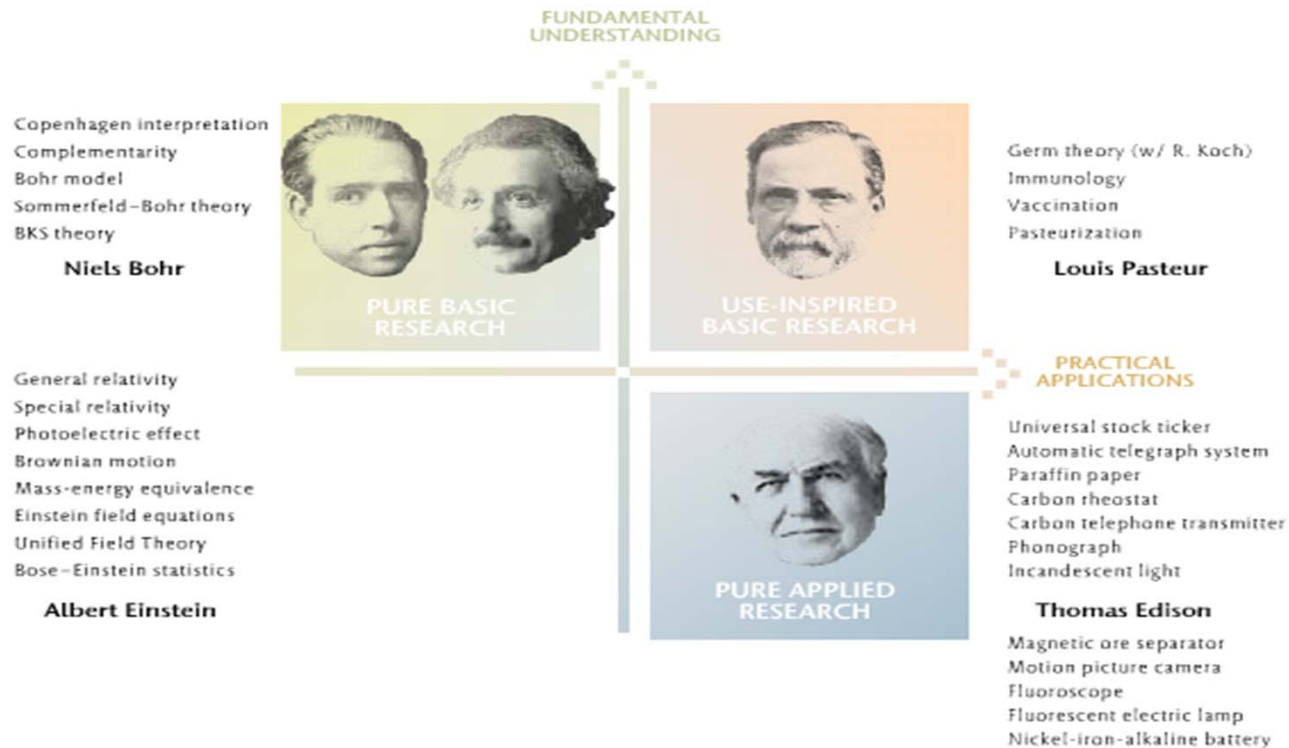
# Fundamental Research—Definition

*“Fundamental research means basic and applied research in science and engineering, the results of which ordinarily are published and shared broadly within the scientific community.”*

-National Security Decision Directive-189

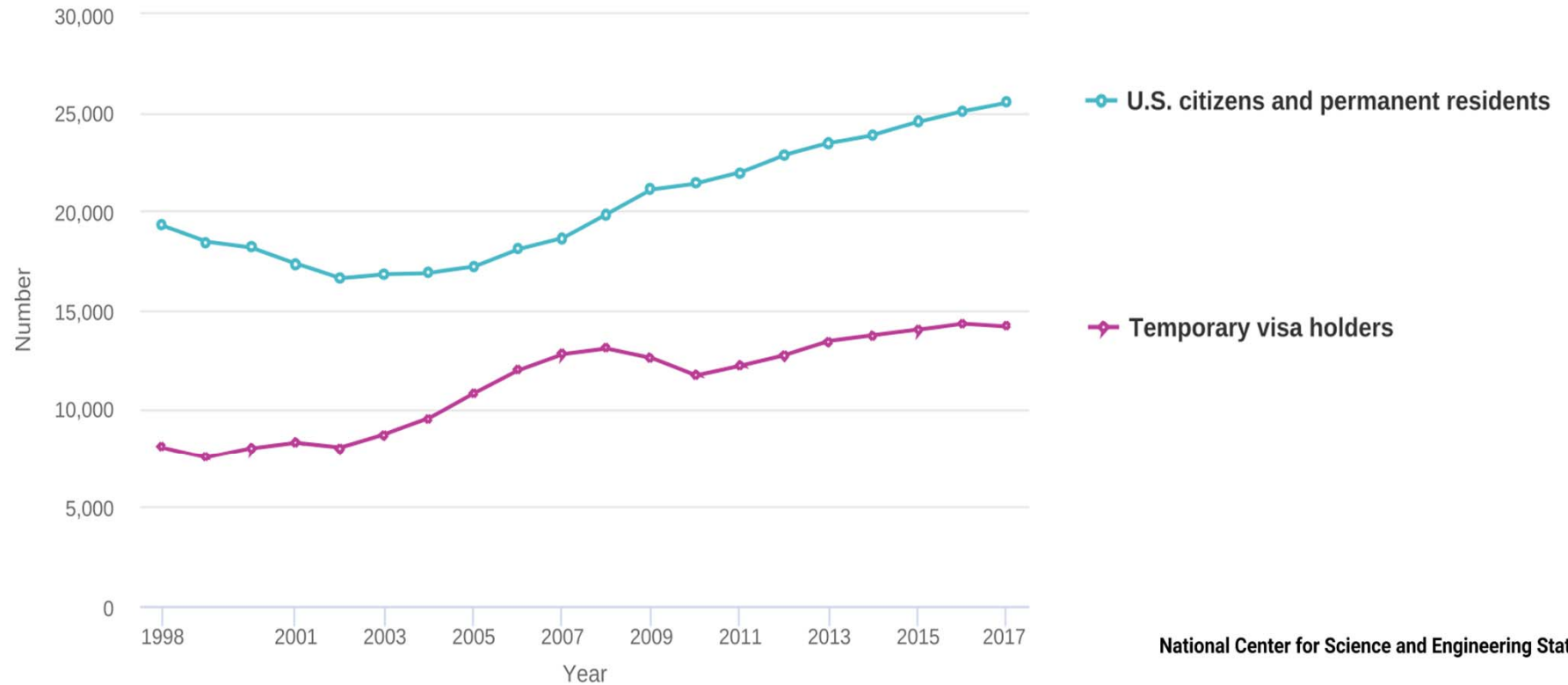


# Pasteur's Quadrant—the Complexity of Research



# Foreign Talent in the U.S.

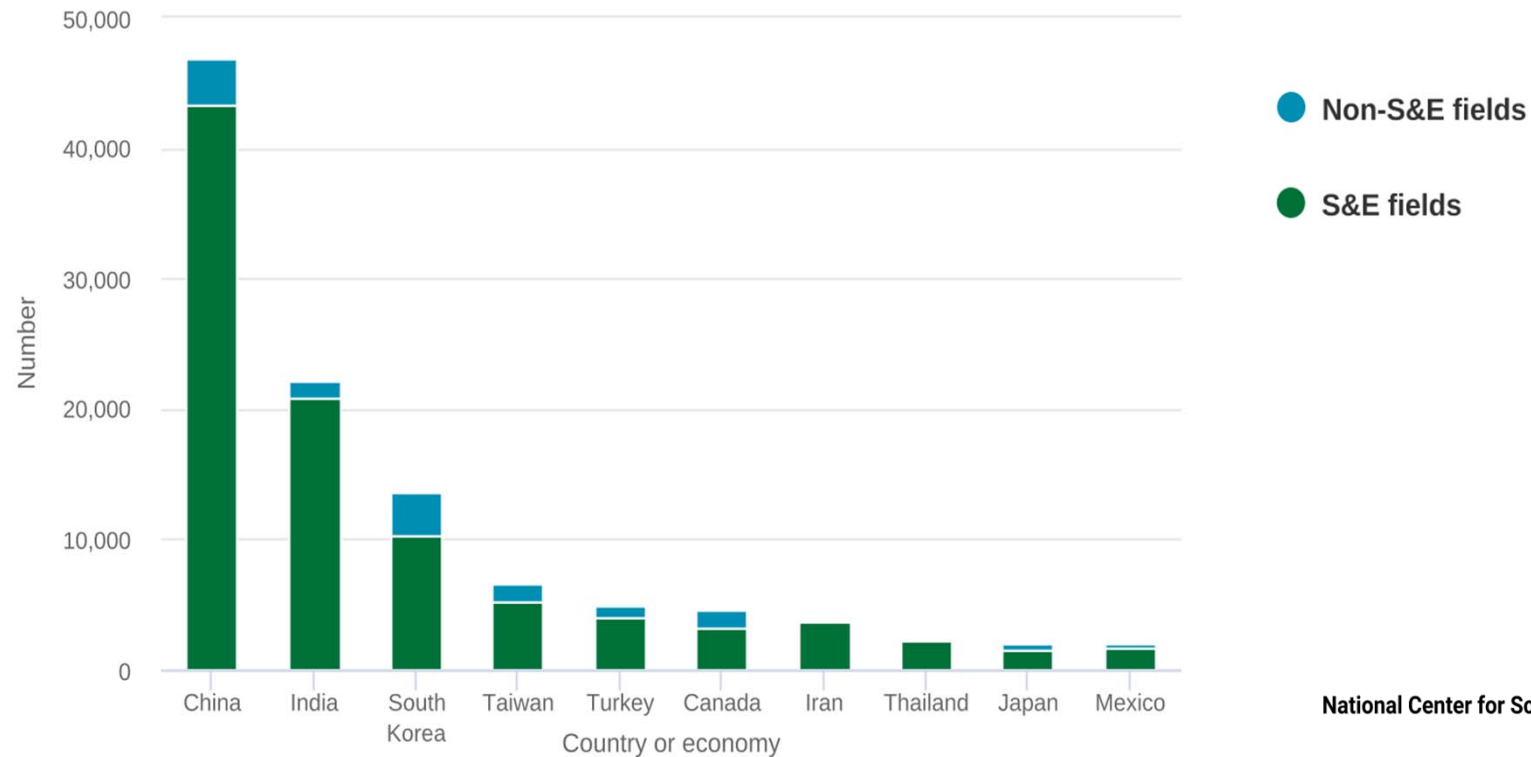
Doctorates awarded in S&E fields, by citizenship: 1998–2017



National Center for Science and Engineering Statistics

# Foreign Talent in the U.S.

Top 10 countries or economies of foreign citizenship for U.S. doctorate recipients with temporary visas:  
2008–17



National Center for Science and Engineering Statistics

# Ensuring the Integrity of Federally-Funded Research:

- Conflicts of interest/commitment
- Confidentiality of merit review process
- Protection of pre-publication data

# Ensuring the Integrity of Research

## Shared Responsibility:

- Federal government
- Universities
- Private sector

# Ensuring the Integrity of Research

How can FDP use its convening power and intellectual power to assist with science and security related-issues?

How can the federal government avoid administrative burdens on grantees?