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USAID's Support for Science, Technology and Research

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USAID in Africa

42 Offices across the continent

Largest programs:

HIV/AIDS

Disaster/Food Aid

Agriculture/Feed the Future

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USAID's Increased Investment in Science, Technology and Research

Three primary programs for support:

- Partnership for Enhanced Engagement in Research (PEER)
- Global Research & Innovation Fellowship Network (GRIFN)
- Grand Challenges for Development

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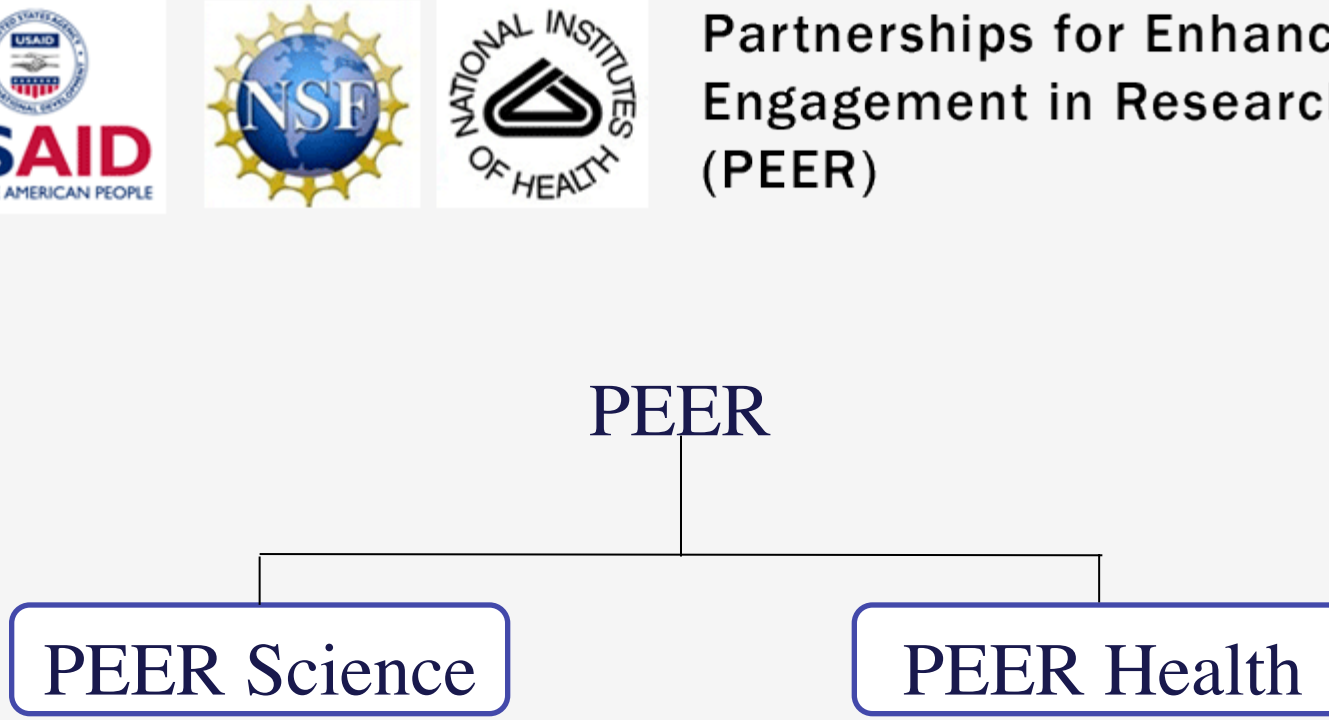
Partnerships for Enhanced Engagement in Research (PEER)



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PEER Science

•PEER Science – partnership between USAID and the National Science Foundation (NSF).

•Supports developing country scientists conducting research in collaboration with NSF-funded scientists.

- 84 eligible countries
- Collaborations can be new or existing, but the NSF grant must be active

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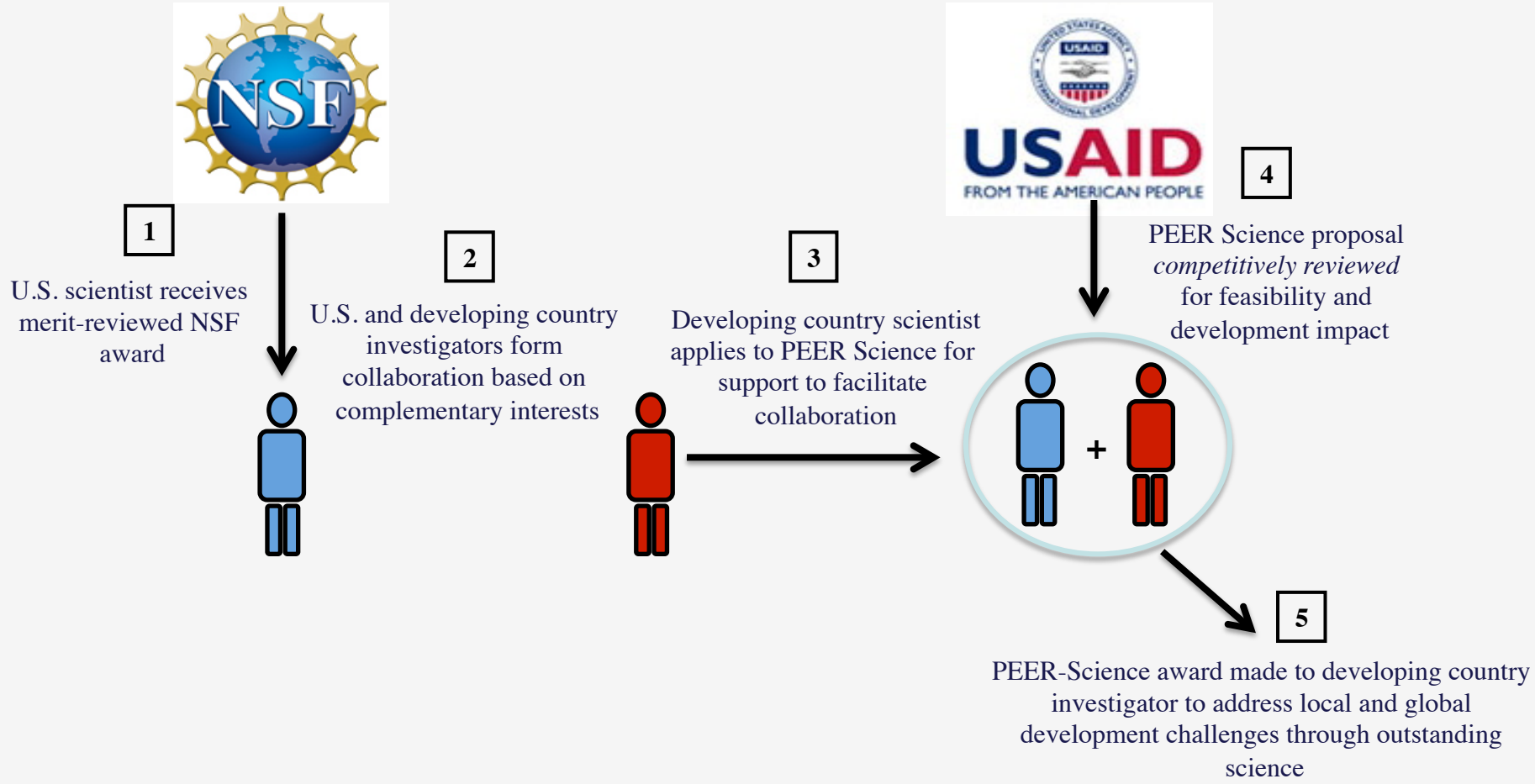

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2011: 1st Application Cycle

- 488 proposals from 63 countries
- 41 grants, $5.5 million to support projects in 25 countries
- Special round of PEER-PIRE* funding (3 grants)

2012: 2nd Application Cycle

- 237 proposals from 54 countries
- 54 awards, $7.5 million to support projects in 32 countries
- Focused research topics:
  - Brazil biodiversity conservation
  - Lower Mekong River conservation
  - Indonesia

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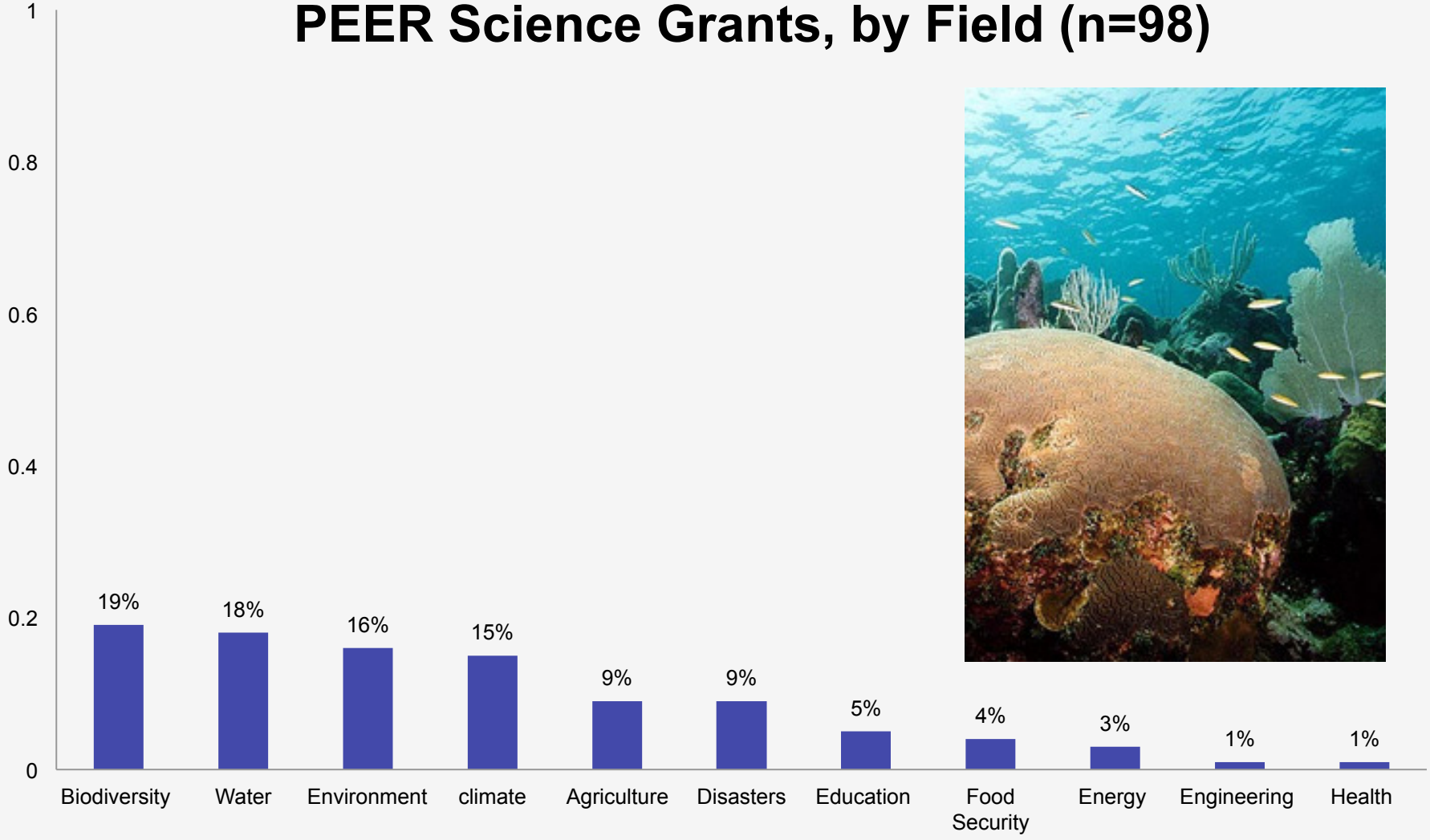
PEER Science Grants, by Field (n=98)



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2013/14 Solicitation Now Open

Areas if interest include, but are not limited to:

- **Food security** - agricultural development, fisheries, and plant genomics

- **Climate change -** water sustainability, hydrology, ocean acidification, climate process and modeling, and environmental engineering

- **Other development topics** including disaster mitigation, biodiversity, water, and renewable energy

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- Important links:
  - http://www.nationalacademies.org/peerscience
  - www.nsf.gov/awards

- Potential applicants with questions are invited to contact the program's staff at peer@nas.edu.

- Closing date for submission January 13, 2014

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Global Research & Innovation Fellowship Network (GRIFN)

Partnership between USAID, NSF and host-country institutions such as:

- Universities
- Research Centers
- Government Ministries
- Non-Governmental Organizations
- Private Sector

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Who is a GRIFN Fellow?

- Graduate students – PhD and Masters from multiple disciplines
- National Science Foundation grant recipients (8,000 students who receive grant of $130,000 for 3 years)
- Initial Countries – South Africa, Senegal, Philippines, Indonesia, India, Colombia and Brazil

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Fellowship program is institution driven:

Fellowships may include, but aren't limited to:

- Conducting research
- Mentoring junior-level students or guest lecturing
- Assisting with science policy development
- Additional technical capacity

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To request a Fellow

- Identify the role you would like the Fellow to fill – on-site work must be accomplishable in 2 – 12 months.
- Visit: http://www.usaid.gov/GRIFN - fill out Host section
- Negotiate with applicants to identify individuals who poses the requisite skill set.

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Grand Challenges for Development

Two core tenants:

- Science and technology, when applied appropriately, can have transformational effects.

- Engaging the world in the quest for solutions is critical to instigating breakthrough progress.

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Grand Challenges for Development

1) Securing Water for Food

2) Saving Lives at Birth

3) All Children Reading

4) Powering Agriculture

5) Making All Voices Count

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SECURING WATER FOR FOOD:
A GRAND CHALLENGE FOR DEVELOPMENT

Focus areas:

1) Improving water efficiency and reusing wastewater
2) Effective water capture and storage
3) Salinity of water supply is a major threat to food production

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SWEDEN

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USAID FROM THE AMERICAN PEOPLE | NORWEGIAN MINISTRY OF FOREIGN AFFAIRS | BILL & MELINDA GATES foundation | Grand Challenges Canada / Grands Défis Canada | UKaid from the British people

"Protecting mothers and newborns in the poorest places on earth during their most vulnerable hours."

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ALL CHILDREN READING:
A GRAND CHALLENGE FOR DEVELOPMENT

A Global Competition for Innovative Solutions to Advance Reading and Literacy

Focus areas:

1) Technologies for instruction
2) Technologies for community engagement
3) Technologies for learning with disabilities
4) Technologies for specific demographics

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World Vision

Australian AID

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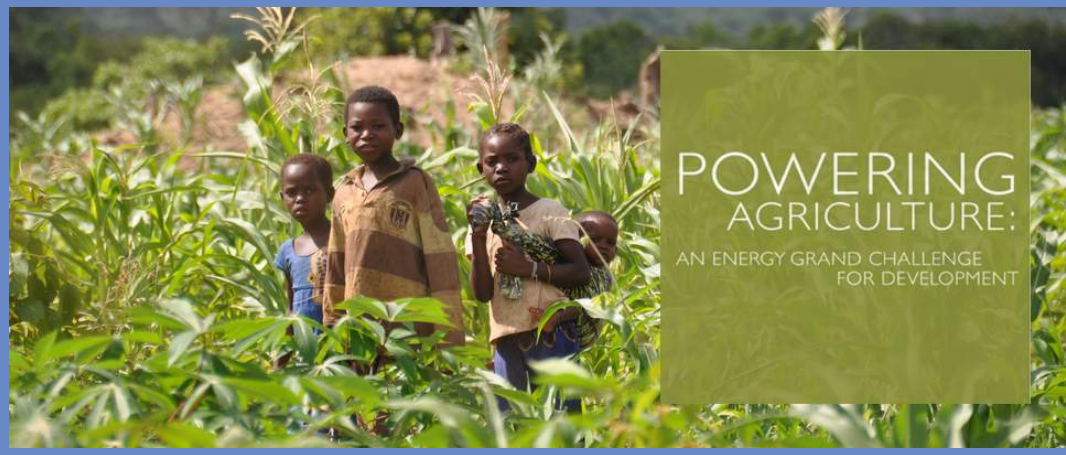
Expand farmers' and farm-related businesses' access to clean energy solutions for improved irrigation, value-added processing, cold storage, or other on-farm applications.



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MAKING ALL VOICES COUNT

A GRAND CHALLENGE FOR DEVELOPMENT

"Supporting citizens and governments to use innovation to improve government performance and accountability"

Applications due November 8, 2013

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SWEDEN

OMIDYAR NETWORK

OPEN SOCIETY FOUNDATIONS

UKaid from the British people

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For more information:

www.usaid.gov

www.usaid.gov/what-we-do/science-technolog-and-innovation

www.usaid.gov/southern-africa-regional

kreeves@usaid.gov

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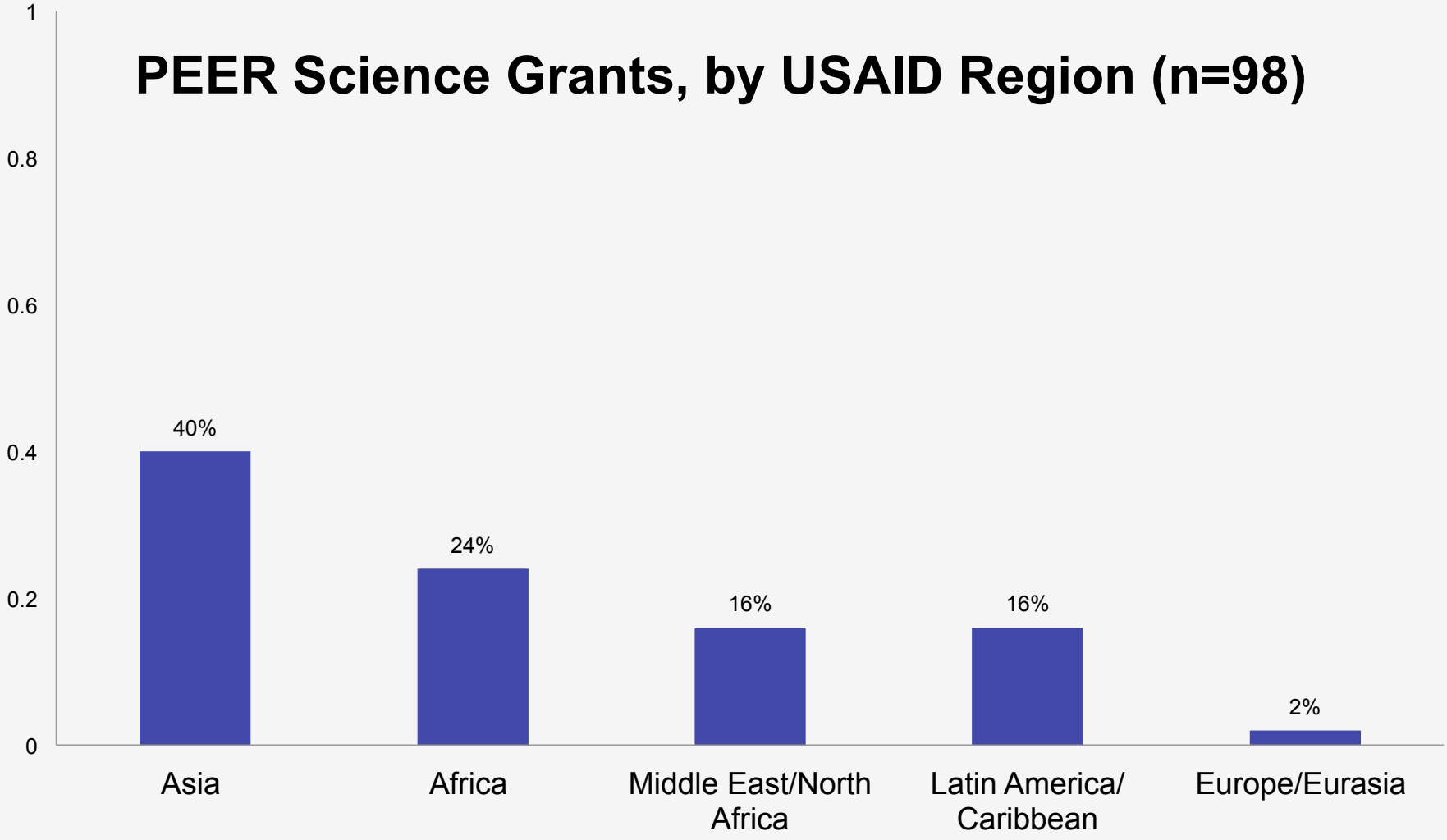
PEER Science Grants, by USAID Region (n=98)