



# Broadening Participation Resources for Faculty & Administrators

Institute for Broadening Participation (IBP)

Allyson Fauver, Director of Policy and Analysis

David Siegfried, Director of Assessment Processes





## **IBP's Mission:**

**Increase diversity in the STEM workforce.**



## Since 2003:

- Connect underrepresented students with STEM opportunities and resources.
- Support students through the entire STEM pathway (K-12, college, graduate school, postdoctoral, early career).
- Support faculty and admin in their efforts to recruit, retain and support underrepresented students in STEM.
- Increase the number of underrepresented students earning PhDs and entering the STEM workforce.



**Recommendation #1:**  
**Post your program**  
**to the PathwaysToScience.org site.**

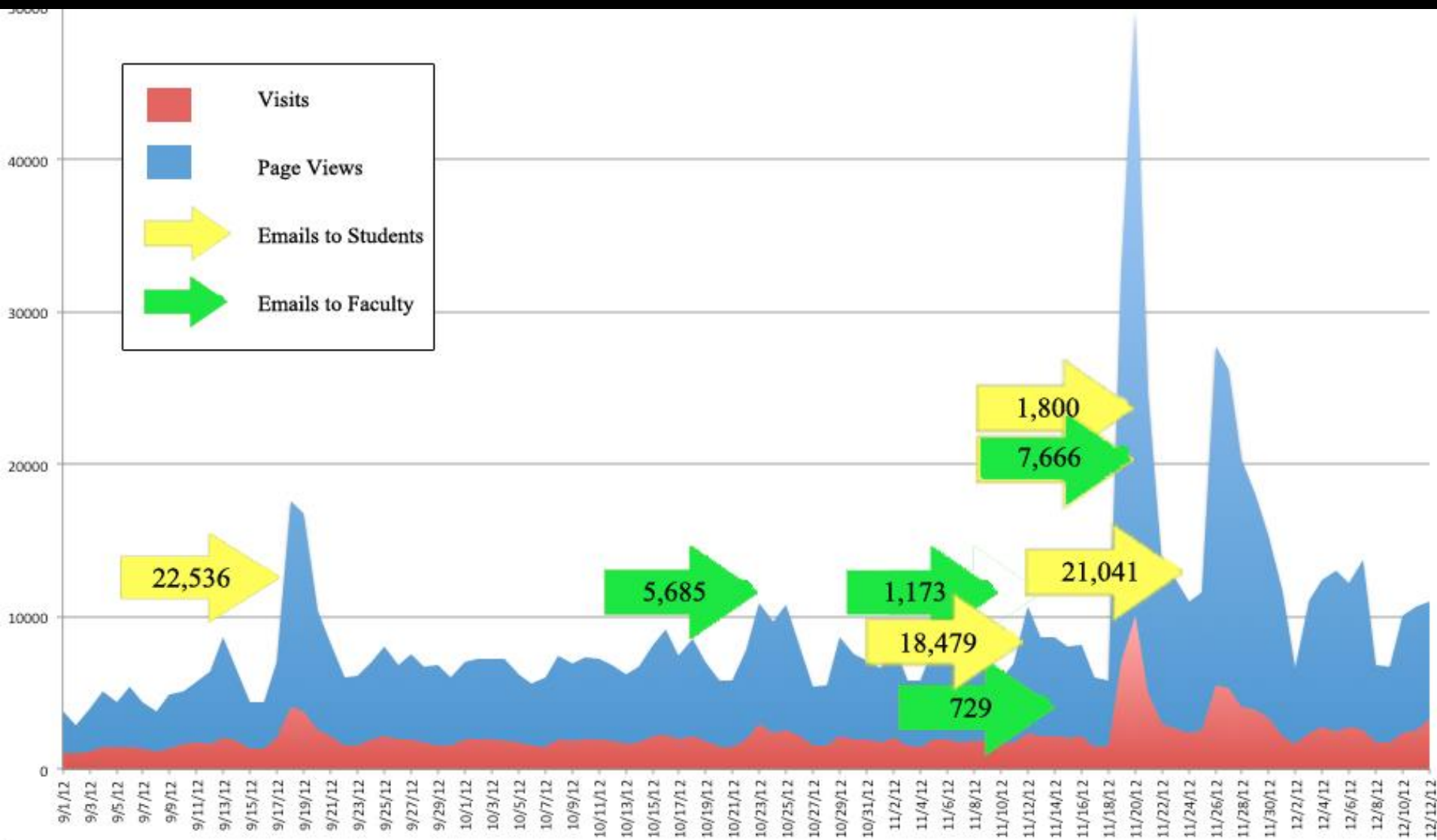


## IBP Outreach:

- ✓ 50+ conferences a year, such as:
  - AISES, SACNAS
  - CA Forum for Diversity
  - SHPE, ERN, WEPAN
  
- ✓ 170,000 emails per year to students in our National Student Directory:
  - 50,000+ records since 2003
  - Over 70% underrepresented minority
  - Growing by 5,000-6,000 students/yr



# Fall outreach email campaign/web traffic (Sept-Dec 2012):

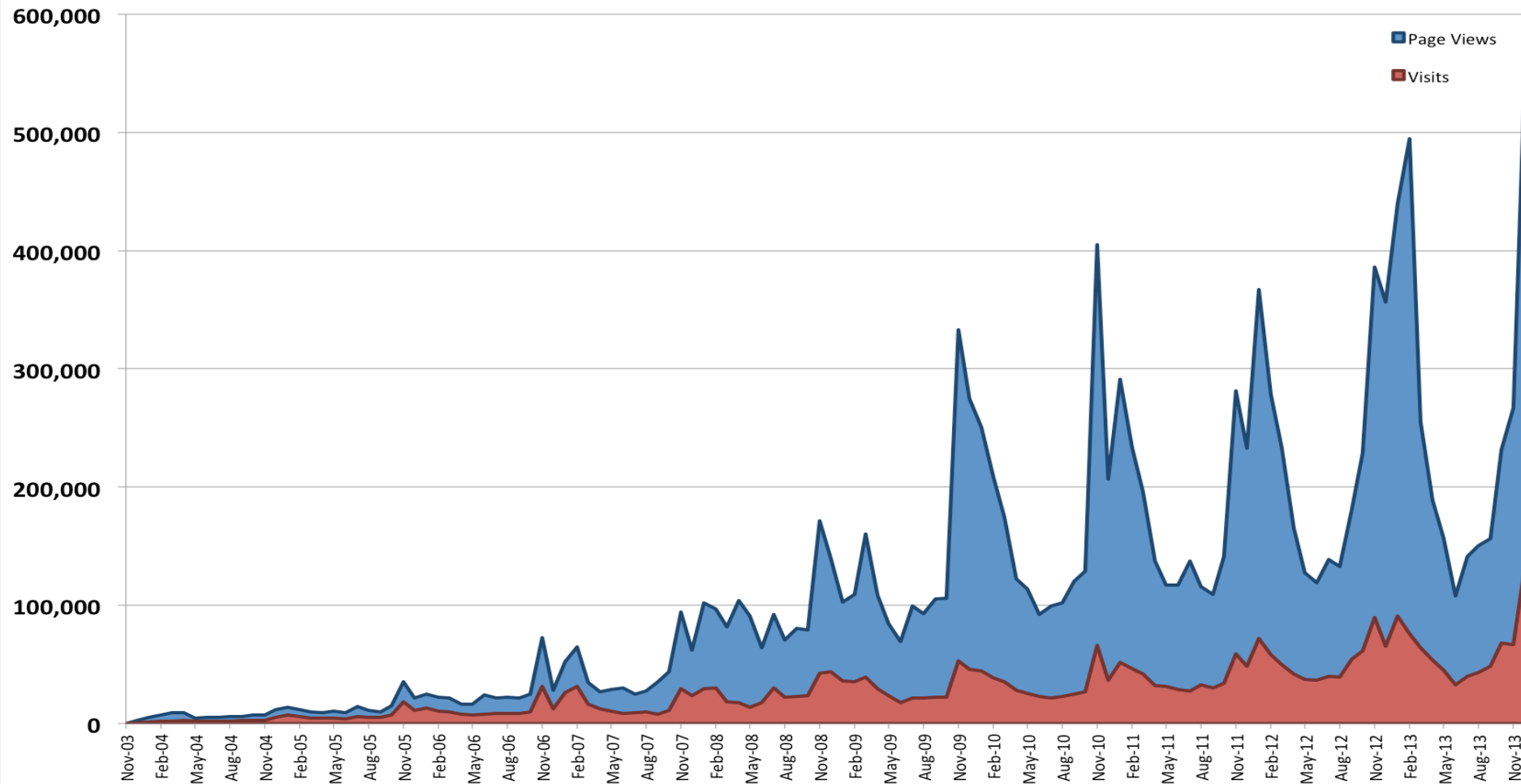




# 2003-2013

## Currently: peaks of over 130,000 visits per month

### IBP Family of Websites



K-12 STUDENTS

K-12 TEACHERS

UNDERGRADS

GRAD STUDENTS

POSTDOCS

FACULTY & ADMIN



**Search Programs**

*By Field of Study*

*By Institution*

*For Women*

**Resource Library**

**Profiles**

**Events**

**News**

**Partners Directory**

**Sign Up For Funding & Grad Program Info**

**About IBP**

**Pathways to Science**

Pathways to Science is a project of the **Institute for Broadening Participation (IBP)**. Pathways to Science supports pathways to the STEM fields: science, technology, engineering, and mathematics. We place particular emphasis on connecting underrepresented groups with STEM programs, funding, mentoring and resources.

Use this website to find programs such as undergraduate summer research opportunities, graduate fellowships, postdoctoral positions, as well as resources and materials pertaining to recruitment, retention, and mentoring.



**Students**

**Sign up** to receive information on funding and programs!



**Programs**

**Search over 1,500 programs** in a variety of disciplines and education levels!

- **K-8 Students**
- **High School Students**
- **K-12 Educators**
- **Undergraduate**



**Faculty**

Interested in posting your program, news, or event?

- **What we Post**
- **Post your Program**
- **Post your Event**
- **Post your News Item**
- **Post your Profile**

**PROJECT SPOTLIGHTS!**

» Pathways to Science

**AGEP Pathways and Connections**

**Maine STEM**

**MS PHD'S**

**NASA One Stop Shopping Initiative**

**Pathways to Engineering**

**Pathways to Ocean Science**

*View IBP's Project Portfolios*

**NEWS**

**NC-LSAMP Bridge to the Doctorate Fellowship Applications Now Being Accepted!**

**Hispanics Struggle To Graduate: An Issue of School Choice?**

**Applications open for Rocky Mountain Sustainability and Science Network Academy- Extended Deadline! Apply Now!**

**Upcoming deadline for fully-paid internships at the US Fish and**





## **Recommendation #2:**

**Tap our online search tools,  
professional development resources,  
and webinars for your students.**

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- By Field of Study
- By Institution
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- Resource Library
- Profiles
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*SEARCH for a program . . . find your future!*

# www.pathwaystoscience.org

*Education and career training opportunities in Science, Technology, Engineering & Mathematics (STEM)*

Searchable by discipline, keyword, institution or geographic area:

- ▶ 650+ Paid summer research experiences for undergraduates
  - ▶ 300+ Graduate fellowships, mentoring and prof. development opportunities
  - ▶ 250+ Post-doctoral opportunities
  - ▶ *Sign-up to receive notifications about programs and opportunities!*



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- ✓ 1500+ opportunities
- ✓ K12 through early career
- ✓ Basic or advanced search function
- ✓ Many funding sources:
  - NSF
  - NASA
  - NOAA
  - NIH
  - EPA
  - USDA
  - Dept. of Energy
  - Dept. of Education
  - Dept. of Defense



## #3

**Use our online resources to inform  
and grow your own recruitment,  
retention and partnership building  
efforts.**



- ✓ Participate in an annual survey



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- ✓ Ask applicants how they heard, and include [pathwaystoscience.org](http://pathwaystoscience.org)





- ✓ Participate in an annual survey
- ✓ Ask applicants how they heard, and include [pathwaystoscience.org](http://pathwaystoscience.org)
- ✓ Receive interim annual reports with analysis
- ✓ Sign up and indicate level of participation:  
<https://www.surveymonkey.com/s/EvaluateIBP-STEM>



# The Institute for Broadening Participation

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