

Broadening Your Impact

Andrew Bernat Computing Research Association

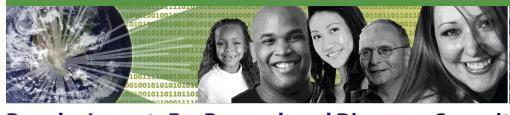


Broader Impacts For Research and Discovery Summit



CRA

seeks to strengthen research and advanced education in computing and allied fields. It does this by working to influence policy that impacts computing research, encouraging the development of human resources, contributing to the cohesiveness of the professional community and collecting and disseminating information about the importance and the state of computing research.

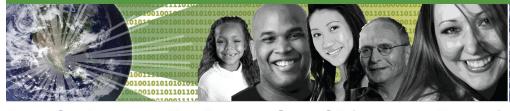


Broader Impacts For Research and Discovery Summit



CRA Broader Impact Activities

- Activities
 - CRA-E
 - CCC
 - CIFellows
 - CRA-W
 - CDC
- Evaluation varies by project
 - Anecdotal
 - Quantitative
 - Independent external

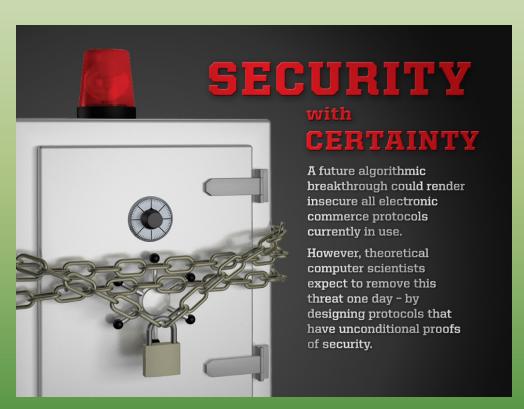


Broader Impacts For Research and Discovery Summit



Example: Letting Folks Know the Why of Your Research





(i.e., why P =? NP matters to everyone)

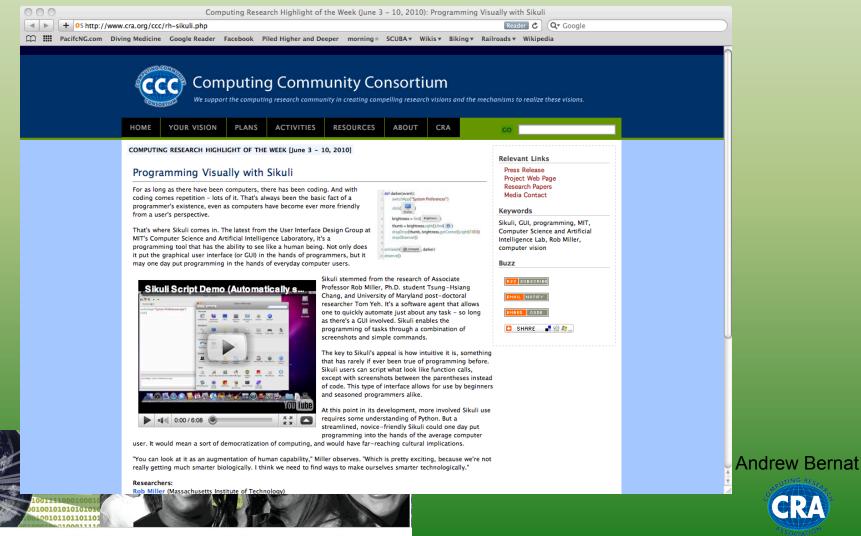


Broader Impacts For Research and Discovery Summit

Andrew Bernat

Example: Letting Folks Know the Why of Your Research







Example: Getting Students Involved

CRA-W/CDC have many programs

- Distributed Research Experiences for Undergraduates (DREU)
- Discipline-specific Mentoring Workshops

• . . .









As the hiring officer for this position, I can attest that her postdoctoral experience at [top 10 NRC-ranked department] enhanced her attractiveness to us as a candidate. In our small isolated department it is difficult for Assistant Professors to succeed coming directly out of graduate school. We also liked that she had spent time at one of the better departments in the country, which supports the "max 2" policy. ... It's a great program and deserves to continue!

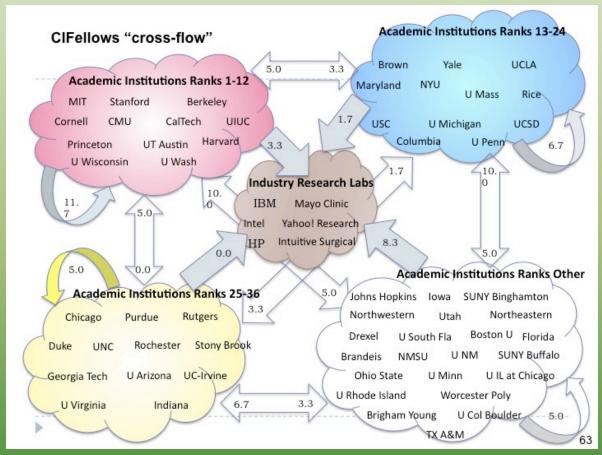


Broader Impacts For Research and Discovery Summit

Andrew Bernat

Example: CIFellows





(i.e., designed to have broader impact)



Andrew Bernat



Broader Impacts For Research and Discovery Summit



A GOOD Activity ...

- explains why your research matters
- attracts interest from
 - students
 - funders
 - public
- impacts your work and your context



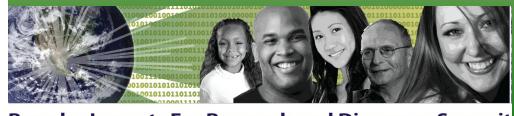




Join Us!



- CRA-E
 - Impact on computing education
- CRA-W and CDC
 - Undergraduate research and education
 - Graduate research and education
- Computing Community Consortium
 - Creating research futures
 - Communicating computing research







My Advice

- Take Broader Impact seriously
 - NSF appears to be
 - Program Officers appear to be
 - Reviewers might
 - The taxpayer deserves it
- Partner with others
 - CRA can help









Contact Me!

- www.cra.org
- abernat@cra.org



Broader Impacts For Research and Discovery Summit

