Fostering the Next Generation of Computer Scientists

Harold Javid
Microsoft Research Connections
Computing has a role to play
Microsoft is . . .

Committed to
development and usage
of software and technology
Outcomes

- Strong pipeline (interest, commitment, capability)
- Pushing the envelope
  - Advancing the state of the art
  - Creating experiences and opportunities that launch careers
- Benefit to recipient, research teams at MSR and university
Engaging with Microsoft Research Tables

- PhD Fellowships
- Internships Researchers Post Docs
- Faculty Fellowships
- Programs In Asia Pacific
- Graduate Women’s Scholarships
- Programs In India
- Mobile Computing
- Cloud Computing & Curriculum
**Award programs support research aspirations**

**Faculty Fellowships**
- Recognize early-career potential
- Provide significant gift to accelerate building research team
- Available MSR research connections
- Now more than 50 since 2005

**PhD Fellowships/Scholarships**
- Tailored to regional needs
- Financial support
- 1 to 3 years
- Includes connections with MSR

**Internships**
- At all MSR Labs
- Mentored research with opportunity to discuss research and publish
- ~ 12 weeks
- Travel, living expense
- 800 to 1000 internships per year

**ACM Student Research Competition**
- Cash and plaques
- 16 conferences - 2012
- Best student paper awards (1st, 2nd, 3rd)
- Recognition among peers
- $120,000 sponsorship per year
Mobile Computing Initiatives

- Cloud-enabled mobile computing – Project Hawaii
  - Mobile and services platform for education and research – Free tools, services and hardware use
  - Being used at more than 50 universities worldwide
  - research.microsoft.com/hawaii

- Programing for the phone, on the phone – TouchDevelop
  - Creating open apps using touch screen on Windows Phone
  - Workshops, competitions, hackathons and hardware
  - Learning resources like videos, slides, book
  - touchdevelop.com
Engaging with Microsoft Research

Hood

2:00 to 2:45 PM