Overview:
Talent Programs at Microsoft Research Asia (MSRA)

Lolan Song
Senior Director, University Relations
Microsoft Research Asia
Why MSRA Committed to Talent Fostering

• Nature of MSRA
  – Like a super-large CS/EE department
  – 100+ guest lectures at MSRA by WW visitors
  – MSRA researchers as guest professors in universities

• Importance of talent pipeline
  – High-quality talent is most critical to the lab’s success

• Social Responsibilities
  – Contribute to research communities and to society
Talent Programs at MSRA

• For Young Faculty
  – Young Visiting Faculty (StarTrack, est. 2006)
  – New Faculty Award (est. 2009)

• For Graduate Students
  – Fellowship (est. 1999)
  – Internship (est. 1999)
  – Joint Ph.D. supervision (est. 2002)

• For Undergraduate Students (Mainland China only)
  – Young Fellowship (est. 2006)
  – China C9 alliance (est. 2010)
  – Student clubs (est. 1999)
Programs for New Faculty

Young Visiting Faculty
China, 2006

- Six-month visiting at MSRA
- Partnering with MSRA researchers.
- 30 young faculties from 12 universities

New Faculty Award
Japan, 2009

"By working together, we believe we can cultivate a new generation of talented researchers that will extend Japan’s technological legacy well into this new century."

—Makoto Nagao
Director of the National Diet Library of Japan
Chairman of the Microsoft Research Japan Faculty Award screening committee

New Faculty Award
Korea, 2009

- KAIST-Microsoft Research Collaboration Center (KMCC)
- Two faculties received this award

Young-Kyung Lim accepts New Faculty Award from Microsoft Research Asia
Programs for Graduate Students

- Provide about 200 internship a year
- Since 1998, 3,500 interns from 160+ universities in 20+ countries
- Named by China Ministry of Education as “Talent Center”
- Produces “MIT-quality” students (commented by MIT professors)
Programs for Undergraduate Students  Mainland China Only

MSRA Young Fellowship Program
Scholarship to 150 Young Research Talents from special classes in Mainland China from 2006
Collaborating with China C9 alliance

30 Microsoft Student Technology Clubs in mainland China
Engaged with > 10,000 students participate in activities
2,000 student projects for real life problems
Unique Opportunities for Interns

Bill Gates commented on Interns’ research work.

Tony Hoare dialogued with interns at MSRA.

Craig Mundie discussed the Future of Technology with interns at MSRA.
Fostering Interdisciplinary Talent

Bioinformatics
- Using GPU and cloud computing accelerate bioinformatics research
- Co-supervising interns with CS and bioinformatics background

Astronomy
- “Microsoft Cup” Universe Tour Design Contest using Microsoft WorldwideTelescope
- Other citizen science outreach programs

Science and Arts
- Applying computer vision and graphics to arts
  - 3D Chinese ink painting
  - Animation
- Students participated in joint projects with Palace Museum and Beijing Film Academy
Government Collaboration: With Korean Ministry of Education

- Korean MOE’s great support
  - Joint Program since 2006
  - Management and financial Support

- Top universities send top students to MSRA
  - 37 interns in four years, 8 ~12 interns per year
  - Six-month’s internship (September to following February)

“I really like the culture and atmosphere here: it's easy to just talk to anybody about anything. And I'm very satisfied with my research. “

Young-In, SONG
PhD of Korea University, Korea Intern of MSRA in 2006, Group Leader of 1st BK-21 interns
Associate Researcher in Natural Language Computing Group from July, 2009
Future Opportunities

Call for participation in

• Internship, Fellowship and New Faculty Award
• Curriculum development
• Research Collaboration
• Academic exchanges

Work together

• to explore new win-win programs and models
• to identify opportunities to generate positive impact
Thank You!

Microsoft Research Asia
Faculty Summit 2010
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