Math Institutes and other Postdoctoral Positions
8 NSF-funded Math Institutes

- ICERM (Institute for Computational and Experimental Research in Mathematics)
- IAS (Institute for Advanced Study)
- IMA (Institute for Mathematics and its Applications)
- MSRI (Mathematical Sciences Research Institute)
- MBI (Mathematical Biosciences Institute)
- SAMSI (Statistical and Applied Mathematical Sciences Institute)
- AIM (American Institute of Mathematics)
- IPAM (Institute for Pure and Applied Mathematics)
Other institutes

- NIMBioS (National Institute for Mathematical and Biological Synthesis)
- PIMS (Pacific Institute for Mathematical Sciences)
- Fields Institute
- CRM-ISM (Centre de Recherche Mathematiques)
- Santa Fe Institutes
Foundation postdocs

- NSF MSPRF (Mathematical Sciences Postdoctoral Research Fellowships)
- NSF International Postdoctoral Fellowships
- Simons Foundation Postdoctoral Fellowships at various universities (about 50)
Industry/lab postdocs

- Microsoft Research
- IBM Herman Goldstine Fellowships
- Schlumberger Doll Research Postdocs
- Wilkinson Fellowship at Argonne National Lab
- Luis Alvarez Postdoctoral Fellowship in Computing Sciences
- Argonne, Sandia, Los Alamos, Oak Ridge, NIST
Research postdocs

- Faculty at universities often has funding to support a postdoc to do specific research
- Some times research is combined with teaching
- They usually advertise at the last minute, when funding is awarded, sending emails to people they know
- Once place to look NA Digest
More about IMA postdocs

• Annual program postdocs
  o Selection based on potential contribution to the research topic of the year
  o 2 year appointment – first year immersed in the annual program, second year continue independent research, teaching (option)
  o Mentoring provided
  o 8 positions per year
More about IMA postdocs

- **Industrial postdoc**
  - Postdoc selected based on potential contribution to the research project from a company
  - 2 year appointment – 50% effort on industry project
  - Typical arrangement – 1\textsuperscript{st} year at industry site, 2\textsuperscript{nd} year at IMA
  - Mentors at both places
  - 2-3 positions per year