



# **FUTURE PLANS FOR SAMSI**

## **The 2011 Renewal and Beyond**

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Director of SAMSI (from July 1 2010)

NISS/SAMSI Affiliates Meeting  
April 23 2010

# The Mission of SAMSI

“SAMSI is a national institute whose vision is to forge a new synthesis of the statistical sciences and the applied mathematical sciences with disciplinary science to confront the very hardest and most important data- and model-driven scientific challenges. SAMSI achieves profound impact on both research and people by bringing together researchers who would not otherwise interact, and focusing the people, intellectual power and resources necessary for simultaneous advances in the statistical sciences and applied mathematical sciences that lead to ultimate resolution of the scientific challenges.”

(from the home webpage)

# The 2011 Renewal (Tentative)

- Proposal due February 2011 at NSF
- Reviews by June
- Site Visit in September or October
- Preliminary Decision by December
- Response to review comments
- Budget Negotiations
- Contract by March 2012???

# Key Components of Renewal (Tentative)

- Budget — likely to request an increase
- No change in overall structure
  - SAMSI/NISS partnership will continue
- May be some changes in management structure
  - Rick Durrett as Associate Director
- Future programs
  - 2010/2011: Analysis of Object Data and Complex Networks
  - 2011/2012: Uncertainty Quantification
  - 2012/2013 and 2013/2014: to be determined

## Possible Topics for New Programs

- A program emphasizing social sciences?
- A program with a lead emphasis on either probability or optimization?
- A program emphasizing biological mathematics? (need to avoid overlap with MBI)
- Computational business models? (David Banks)
- Sustainability?

## Other Initiatives

- Outreach
  - Undergraduate workshops
  - Graduate workshops (IMSM)
  - K/12 education (Kenan Foundation)
  - Public Outreach??
- Look for additional sources of funding and new types of research activities

# How can SAMSI help you, and how can you help SAMSI?

- Visit
- Lead a working group
- Propose your graduate students for postdoc positions
- Tell us your ideas for new programs