Supporting “Small” Science in Africa

Supported by the National Science Foundation

Edward Moynihan
International Networks
Indiana University
edmoyn@iu.edu
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US R and E Interests in Africa

• Large International Science Projects, eg. SKA

• ~3000 NSF or NIH funded Research Projects in Africa

• Educational Investments
NEAAR: Networks for European, American, and African Research

- Funding from US National Science Foundation
  - $3.25M over 4 years
- Partners:
  - Indiana University
  - GEANT
  - UbuntuNet Alliance
  - WACREN
  - ASREN
  - SANREN/TENET
NEAAR in a Nutshell

• 100G circuit US to Europe

• Build an exchange point and DTN in West Africa

• Emphasis on enabling science collaborations

• Enable measurement and monitoring to understand performance
INTERNATIONAL NETWORKS
At Indiana University
AMPATH Challenges

• Obtaining technical assistance from home campus

• Training local IT personnel

• Retaining IT personnel

• Engaging with local NREN
Addressing Challenges

• Capacity Building/Sharing

• PerfSONAR

• Outreach and Engagement

• Project Awareness
Other ideas?...
Acknowledgements

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- More information: http://in.iu.edu/
- edmoyn@iu.edu