

TransPAC3 and ACE Project Press Conference

Remarks of Brad Wheeler  
Vice President for IT & CIO  
Indiana University  
ICTC Atrium  
IUPUI  
Indianapolis, Indiana  
Monday, August 2, 2010  
2:00 p.m.

Good Afternoon and Welcome,

I'm Brad Wheeler, Indiana University's Vice President for IT and CIO, and I'll introduce the speakers for today's announcement.

We'll first hear from IU President, Michael A. McRobbie. He will be followed by a video message from Dr. William Y.B. Chang of the National Science Foundation. Dr. Chang will be followed by Jim Williams, the principal investigator whose work has brought us all together today.

We'll also hear a short video of remarks from several faculty researchers, and I'll close with a few points that provide context for this news for Indiana and invite

you to see some of the facilities for yourself.

**<pause>**

It is especially appropriate that I introduce IU President McRobbie to make today's announcement. Michael was the visionary in 1997 that set in motion IU's rise at the dawn of advanced networks for Research & Education. In 1998, he led IU's first major international networking grant that is a forerunner to today's announcement.

**President McRobbie.**

**<remarks>**

**Dr. William Y.B. Chang's Intro**

We will now hear from Dr. William Y.B. Chang who was unable to be here but has sent his remarks via video. Dr. Chang is the Director of the National Science Foundation's East Asia and Pacific Regional Office.

He has served as science advisor to numerous research institutes and national committees, and also as a Senior Technical Adviser to the United Nations Development Program.

In 2005, Dr. Chang was appointed as the ***first*** Director of the National Science Foundation's Beijing Office and also the Science & Technology Attaché at the U.S. Embassy in Beijing.

And I am delighted to add that Dr. Chang is an alumnus of Indiana University. It is a special delight that the remarks from the NSF come from one of IU's own graduates who has established such an illustrious international career. Here is Dr. Chang.

### **James Williams's intro**

Today's extraordinary award is made possible through the winning grant proposals from James G. Williams. Jim is the **Director of International Networking** at Indiana University, and he co-chairs the NSF's Global Environment for Networking Initiatives' (GENI) Operations and Integration Working Group.

Jim has traveled the world on behalf of IU and US researchers, and, as noted by President McRobbie, he has been remarkably successful in navigating the delicate matters of international politics to create thriving technology partnerships.

I am also extremely proud to note that Jim has developed his talents in a 26 year career at IU where his responsibilities have grown to the point of international networking being more than a full-time job. As noted by Dr. Chang, Jim is the first ever university principal investigator to win two of the NSF's four international networking awards.

## **Jim Williams**

<remarks>

## **Faculty Video**

## **Brad Summary**

I'll close with a few words of context for the state.

Today's announcement of the \$9.2M grant adds to the growth of high tech jobs in Indiana. Let me be clear, more than a decade of steady, coordinated efforts make these announcements part of the Brain Gain, not the Brain Drain, that has been oft discussed in Indiana.

In 1998, no university had established any deep expertise in managing the emerging high-speed networks that would form Internet2, I-Light,

TransPAC and many others. But, with the pioneering vision of Michael McRobbie, the support of the state, and the ingenuity of the excellent IU staff, IU now employs almost 80 people to manage these networks across the nation and the world. These jobs are in Indiana though a growing roster of contracts and grants where IU competes and wins.

IU continues to be the operator of choice for Research and Education. In just the past 12 months, IU has announced agreements with

- National Oceanic Atmospheric Administration
- Engineering & Sciences Net,
- the states of Connecticut, North Carolina, and Oklahoma for GlobalNOC services along with expansions of I-Light.
- Multiple grants to work on the NSF's pioneering research on what comes after today's Internet
  
- In Indiana, IU has partnered with Zayo in a \$26M grant to build out broadband in Indiana and connect all Ivy Tech campuses to I-Light.
  
- and just last month, IU was the only named university in the \$62.5M federal grant to build out the US Community Anchor Network (UCAN) in

partnership with Internet2, National Lambda Rail, and many commercial firms.

The explosive growth of these recent awards to IU and in our state is due to the excellent, entrepreneurial leadership of Dave Jent, Assoc VP Networks (DAVE STAND). No single award tells the story as today's major announcement is part of an ongoing story of jobs, unique expertise, and growing research in Indiana.

As stated by Dr. Chang, IU is "recognized as a global center of information technology for science and education," and with today's major announcement we further advance that hard earned stature.

<pause>

If you have not yet taken the short tour to see the Network Operation Center in this building, or looked at their WorldView invention – the large, touchable iPad display of networks, I strongly encourage you to do so....so that you may see these things for yourself.

Congratulations to Jim Williams on the remarkable accomplishment of leading two major, international NSF awards, and to all the researchers across three

continents and beyond that will use these networks to advance research and education.

Jim Williams, Dave Jent, myself, and others will be available afterwards for questions.

Thank you for coming. This concludes our event.