

FIU

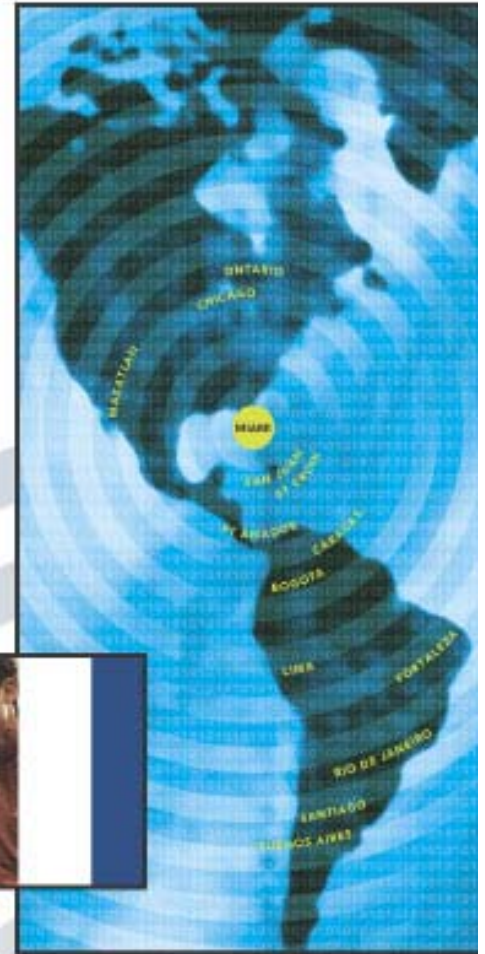
FLORIDA INTERNATIONAL UNIVERSITY
Miami's public research university

AmericasPATH
Advanced
Networking
Infrastructure

AMPATH

The AmericasPATH (AMPATH) advanced networking infrastructure is an FIU project in collaboration with Global Crossing (GC). Using GC's terrestrial and submarine optical-fiber network, AMPATH will interconnect the research and education networks in South and Central America, Mexico, and the Caribbean to US and non-US Research and Education networks via Internet2's Abilene network and the STAR TAP.

The purpose of the AMPATH project is to allow participating countries to contribute to the research and development of applications for the advancement of Internet technologies. The AMPATH project seeks to advance the Internet2 project's goal of encouraging and enabling the development of advanced network applications. The mission of AMPATH is to serve as the pathway for Research and Education Networking in the Americas and to the World.



Telecommunications
student support for
today and tomorrow.



INDUSTRIAL AFFILIATES PROGRAM (IAP)

The AMPATH IAP brings industry and high education together to insure that the highest quality workforce is available to support the new economy. Companies have the opportunity to develop relationships with students through internships formulated as part of the scholar's curriculum and position to compete in recruitment. This program is possible because of the AMPATH project, a collaboration between FIU and Global Crossing, Cisco Systems, Lucent Technologies, Terremark, Worldwide NAP of the Americas, Internet2, and STAR TAP have all contributed significant products and services to the AMPATH project because of the potential to reach the research and education markets in South and Central America, Mexico and the Caribbean.





**RESEARCH PROJECTS
USING THE
AMPATH NETWORK**

- Optical Wavelengths
- IPv6
- Multicast
- QoS
- Access Grid
- Wireless to wired networking
- Mobile networking
- Nomadic networking
- Distance Learning Innovations
- Emerging Technologies

IAP PROGRAM GOALS

The AMPATH IAP establishes scholarships for Florida International University students of telecommunications networking, information technology & systems, engineering, and computer science as well as assist the AMPATH project goals:

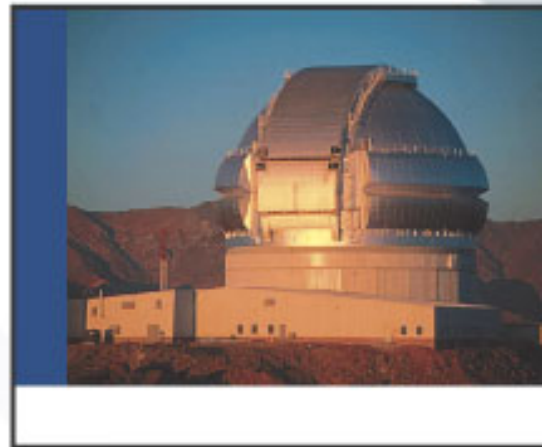
- To enable participating countries to contribute to the research and development of applications for the advancement of Internet Technologies
- To extend the Internet2 research and education community for high-performance networking to South and Central America, the Caribbean and Mexico.

IAP PROGRAM COMPONENTS

- Scholarships for undergraduate and graduate network engineering, computer science, and information systems students
- Training for the telecommunications and information technology workforce on the AMPATH network
- Internships for students with South Florida's Telecommunications Industry Leaders
- Network connections for Latin America to Internet2 and STAR TAP for research and education helping to bridge the Digital Divide
- Local and International Sponsored Research Symposiums and workshops to bring arts and sciences collaborators together in the Americas and throughout the world
- Advance the mission of AMPATH

IAP Member donations are collected annually and companies are encouraged to make a three + year commitment to IAP so they can see their scholars through a degree program and into the workforce. Checks should be made payable to the FIU Foundation.

GIGABIT PARTNER: \$25,000 +
MEGABIT SPONSOR: \$15,000 - \$24,000
NETWORK SUPPORTER: \$ 5,000 - \$14,000



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