



yamacraw  
futureforward

It all comes together  
in Yamacraw.

1.0



**FIRST YAMACRAW START-UP FUNDED**  
> RF SOLUTIONS, INC.  
> \$250,000 YAMACRAW FUNDS  
> \$1,750,000 PRIVATE FUNDS

Yamacraw is the site overlooking the Savannah River where James Oglethorpe, Georgia's founder, first set foot in the state in 1733.

**YAMACRAW RESEARCH THRUSTS**  
> EMBEDDED SOFTWARE  
> BROADBAND ACCESS HARDWARE  
> SYSTEM PROTOTYPING

54 FACULTY  
85 GRADUATE STUDENT RESEARCHERS  
YEAR 1 RESEARCH BUDGET: \$4 MILLION

**YAMACRAW REPORT CARD** (AS OF 06/01/00)  
39 NEW FACULTY HIRED IN YAMACRAW-RELATED FIELDS  
STATE FUNDING APPROVED FOR HIRING ANOTHER 8 NEW  
YAMACRAW FACULTY IN 2000-2001  
TARGETED TOTAL NEW YAMACRAW FACULTY HIRES: 85-90

Yamacraw Goal:  
  
Increase by at least 2,000 the supply of computer scientists and computer, electrical and software engineers in Georgia with training appropriate for broadband product design.



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# 1.1

## Cutting-edge research at Yamacraw Design Center

Georgia has committed a minimum of \$100 million to a five-year Yamacraw program to make Georgia companies world leaders in broadband system design.

Yamacraw Design Center is a research consortium. Yamacraw member companies participate in the Yamacraw Design Center's research and commercialization opportunities (royalty-free). Yamacraw helps to close the gap between research and product, and serves as a landing pad for out-of-state companies.

"The excellent industry programs and research for which Georgia Tech is renowned are well-aligned with National Semiconductor's strategic product roadmap."

*Bijoy Chatterjee, director of systems research  
National Semiconductor Corp.*

"We see great potential in our investment in the Yamacraw Design Center, as well as access to the Center's cutting-edge research."

*Dr. Hatim Zaghoul, chairman and CEO  
Wi-LAN, Inc.*

# 1.2

"Our association with Yamacraw will allow us to draw on research and development to offer new and exciting technology solutions to our customers."

*Jim Boddie, executive director  
Star+Core Technology Center*

## Pipeline to qualified talent

Yamacraw is growing Georgia's broadband workforce.

Professors in Yamacraw-related fields at eight of Georgia's colleges and universities are changing curricula so future broadband employees learn what employers need them to know. Newly hired professors in Yamacraw-related fields will make it possible to substantially increase the number of highly-trained graduates prepared to work in broadband companies.



# 1.3

## Access to further education and career opportunities

Yamacraw's continuing education courses and Yamacraw institutes provide ongoing training for broadband company employees. The first Yamacraw certificates were earned in university computer science programs during May 2000.

"Working with the Yamacraw Design Center will give us expanded access to the work of top researchers and give Broadcom entrée to their students upon graduation."

*Thomas J. Quigley, senior director of advanced  
broadband architectures  
Broadcom Corp.*



# 1.4



## Access to capital for start-ups and an expanding high technology network

The \$5 million Yamacraw Seed Capital Fund matches at least \$3 of private funding for every \$1 of Yamacraw money, and is limited to a maximum \$500,000 investment in a single Georgia-based company.

