

CRA–W

Workshop on Careers for Women  
in Computer Science and Engineering

Panel on  
**Industry and National Lab  
Career Options**

Lori Freitag, Argonne National Lab

Karin Petersen, Xerox PARC

Margaret Wright, Bell Labs, Lucent Technologies

FCRC

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## **(Formal) Career Summary**

### **Margaret Wright**

- B.S. (Mathematics), M.S. (Computer Science)  
Stanford
- Scientific programmer, GTE Sylvania
- Ph.D., Computer Science  
Stanford
- Research position  
Operations Research Department, Stanford
- Bell Labs (since 1988)  
MTS, DMTS (1993), Department Head (1997)

# **Bell Labs Research**

Part of AT&T until 1995

Now part of Lucent Technologies

Approximately 1100 researchers

Locations mainly in New Jersey

<http://www.bell-labs.com/>

Silicon Valley location starting (networking and Internet software)

<http://www.bell-labs.com/org/blrsv>

Computer science: the main growth area

## **Being a Bell Labs researcher**

Wide spectrum of research

Fundamental/basic to applied

Collaborations and collegiality: the great joys

Rewards: research excellence and contributions to the real world

A researcher forever?

## **Other career options**

Management in Research

- Department head
- Director ( 15 in Research)
- Executive director( 3 in Research)

Bell Labs (non-Research) or a Lucent business

Startups (supported or initiated by Lucent)

## **Skills**

Technical excellence

Good judgment (of science and people)

Communication

- Writing
- Speaking

Openness, versatility

Sense of humor

Perspective (good and bad)

## **Strategies**

Adapt what you like  
(if it works for you)

Talk to trusted colleagues