

# Computing and Information Science at Cornell

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## Outline

- A New Academic Structure
- Programs and People
- Issues

## A New Academic Structure – Timeline

In 1997, Cornell designated Computing and Information Science (CIS) as a **strategic enabling discipline** (Hopcroft/Scott Report).

In 1999, the CIS Task Force chaired by Dan Huttenlocher wrote a report, "**Cornell in the Information Age.**"

It recommended a new academic structure called a **Faculty**.

In 2000 the **Faculty** was created with broad support and resources for more than ten FTE's over the next five years.

In 2001/2002 nine professors were hired and four new academic programs initiated.

## A New Academic Structure – Characteristics

- Headed by an academic dean (currently Robert Constable) reporting to the Provost
- Independent budget
- Independent recruiting
- Degree program joint with colleges and schools
- Degrees offered through the colleges and schools

## Programs

### Computer Science

- degrees in Engineering, Arts & Sciences (A & S)

### Information Science

- minor in four colleges
- expect major in three (A & S, Life Sciences, Engineering)

### Computational Biology

- major in A & S, Life Sciences

### Digital Arts & Graphics

- expect major in two colleges (A & S; Architecture, Art & Planning)

### E-business

- joint with Johnson Graduate School of Management  
(the Business School at Cornell)

# People

## Information Science

Bill Arms – Acting Director

Paul Ginsparg – Joint with Physics

Cornell arXiv supported by  
University Library and CIS Faculty

Phoebe Sengers – Joint with Science & Technology Studies

## Computational Biology


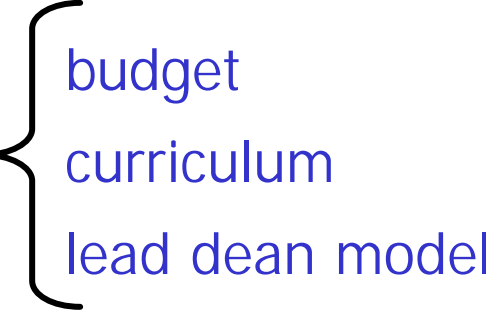
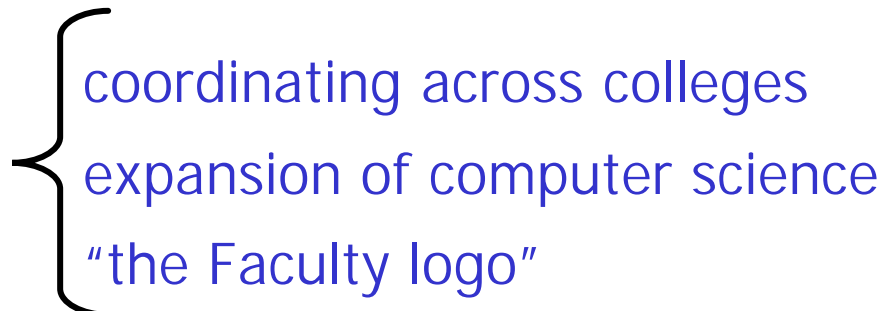
Ron Elber – CS professor and Director of Computational  
Research Unit

David Shalloway – Biology professor and Undergraduate  
Program Leader

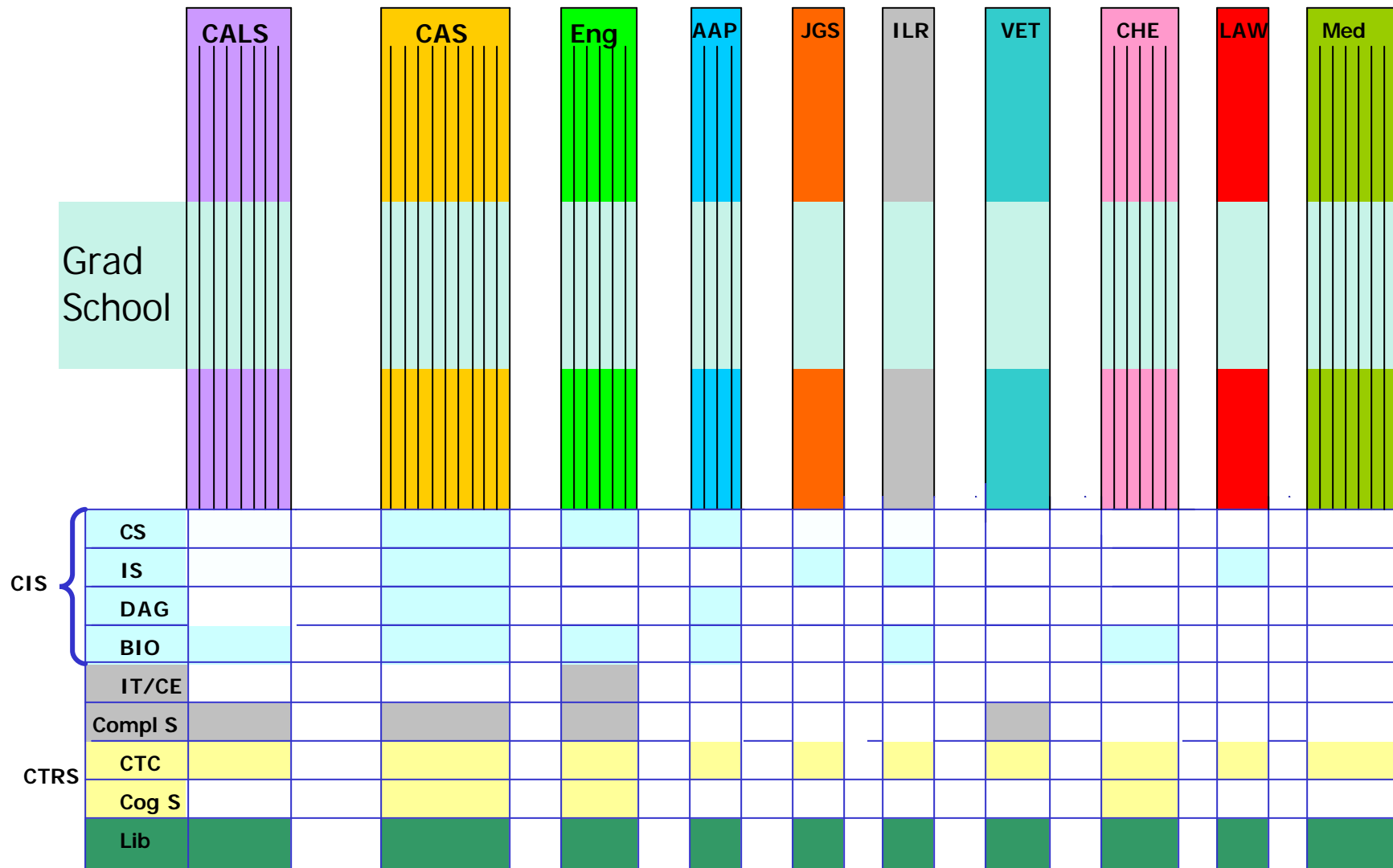
## e-Business

Dan Huttenlocher – joint with the Business School

## Issues

- Managing **joint appointments** 
  - hiring
  - review
  - tenure
- Managing **joint departments** 
  - budget
  - curriculum
  - lead dean model
- Interdisciplinary activities 
  - coordinating across colleges
  - expansion of computer science
  - "the Faculty logo"

# Cornell's "warp & woof" structure





# Bringing Ideas from Computing and Information Sciences to Bear on Disciplines Across Cornell

