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 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

- Digital Arts and Culture
  - Film and Video
  - Interactive Media (IMG)
  - Computer Graphics (PCG)
  - Film and Video (IMG)

- Arts and Humanities
  - Applied Math (CAM)
  - Arts and Humanities

- Computational Science
  - Computer Science "Core"
  - Computing Engineering (EE)
  - Computational Neuroscience

- Science and Engineering
  - Digital Libraries
  - Computational Science
  - Computational Biology

- Economics
- Cognitive Studies