Cornell University Computing and Information Science

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Robert L. Constable

Computer Science Department
Cornell University
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Ithaca, NY 14853
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(607) 255.9204

vita   photo gallery

Education:

[University of Wisconsin](#) Mathematics, Ph.D. 1968
[University of Wisconsin](#) Mathematics, M.A. 1965
[Princeton University](#) Mathematics, A.B. 1964

Employment:

- **1999 - 2009**
  [Dean of the Faculty of Computing and Information Science,](#) *Cornell University*
- **1993 - 1999**
  Chair, Computer Science Department,
  Cornell University
- **1978 - Present**
  Professor, Department of Computer Science,
  Cornell University
- **1972 - 1978**
  Associate Professor, Department of Computer Science, *Cornell University*
- **1968 - 1972**
  Assistant Professor, Department of Computer Science, *Cornell University*
- **1968 - 1968**
  Instructor, Department of Computer Science,
  University of Wisconsin

Publications

[Books](#)
[*Chapters in books](#)
[*Journal Articles (selected)](#)
[*Conference Proceedings (selected)](#)
[*Technical Reports and General Articles](#)

*Can be viewed fully at [Nuprl.org](#)

PhD students

[Student List](#)

Robert L. Constable heads the Nuprl research group in automated reasoning and software verification, and joined the Cornell faculty in 1968. He has supervised over forty PhD students in computer science, including the very first graduate of the CS department. He is known for his work connecting programs and mathematical proofs, which has led to new ways of automating the production of reliable software. He has written three books on this topic as well as numerous research articles. Professor Constable is a graduate of Princeton University where he worked with Alonzo Church, one of the pioneers of computer science.

Professor Constable stepped down as the Dean of the Faculty of Computing and Information Science at Cornell University, serving from 1999 - 2009. CIS is a college-level unit created to

advance Cornell's academic and research initiative in computing and information science. Professor Constable was formerly chairman of Cornell's Computer Science Department for six years.

Professional Activities

Editor

- [The Computer Journal,](#) *Oxford University Press*
- [Journal of Logic and Computation,](#) *Oxford University Press*
- [Formal Methods in System Design,](#) *Kluwer Academic Publishers*
- [Journal on Symbolic Computation,](#) *Oxford University Press*
- [Logical Methods in Computer Science,](#) *Creative Commons*

Advisory Committees

- - Columbia University, Computer Science Department
- - Johns Hopkins University, Department of Computer Science
- - University of Michigan, School of Information
- - Princeton University Advisory Council for Computer Science

Awards

- - Herbrand Award (2014)
- - ACM Fellow (1994)
- - John Simon Guggenheim Fellowship (1990-1991)
- - Outstanding Educator Award (1987)

Services

- Director NATO Summer School at Marktoberdorf (1988–2009)
- Elected member Computing Research Association (CRA) Board (2005–2008)
- General Chair, LICS (1991–1994)
- Association for Symbolic Logic, elected member of ASL Council (1995–1998)

Research

- **[PRL Research Project](#)**
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