

Robert Sloan

Professor and Department Head
University of Illinois at Chicago



Recent Awards and Honors

- University of Illinois Scholar, 2019, “recognizes outstanding members of the faculty”, awarded to about 12 faculty across the University of Illinois System. (\$45,000 allocation to support each awardee’s scholarly activities)
- IEEE Computer Society Golden Core Recognition “for long-standing service to the society,” 2007
- University of Illinois Chicago Award for Excellence in Teaching, October 2006
- IEEE Computer Society, Outstanding Contribution Award, “For the establishment of Computing Curricula 2005 for Computer Engineering,” 2006

Involvement in CRA Activities

- Current: Member CRA Government Affairs Committee
- Past: Part of group gathered to discuss whether CRA should form CRA-E (which of course was formed)

Other Relevant Experience

- Academic Lead & Principal Investigator, Break Through Tech Chicago, 2020-
- Member US Department Homeland Security Integrity and Privacy Advisory Committee (DIPIAC), 2017-2020
- Member, IL Governor’s Technology Advisory Board, CyberSecurity subcommittee, 2015–2017
- Elected member, IEEE Computer Society Board of Governors, 2006–2008 term
- National Science Foundation Program Director, Jan. 2001 – Aug. 2002. Theory of Computing Program, CISE

Research Interests

- Legal and public policy issues in computer security and electronic privacy
- AI fairness
- CS Education
- AI, especially knowledge representation
- Computational Learning Theory

Personal Statement

I’ve been department head of a large, urban, public R1 Computer Science Department for 17 years. Since 2007, we’ve grown from 27 to 73 faculty members, greatly increasing our research profile. One of my major efforts has been gender diversity, increasing women from 10 to 26 percent of undergraduates. Our percentage of women faculty have also increased from 10 to 30 percent. I’m especially eager to represent all the large, public, R1 computer science departments not in the “top 20” within CRA, because collectively we represent a large fraction of all US computing research and PhD, MS and BS graduations.