

2021 BOARD NOMINEE

# Chris Ramming

Senior Director, Research & Innovation, Office of the CTO  
VMware



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## Awards and Honors and Year Received

- Secretary of Defense Medal for Distinguished Public Service, 2003

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## Involvement in CRA Activities

During my CRA board tenure I have served on two steering committees: CRA strategic planning and the formative CRA-Industry standing committee. As a member of those groups, I have contributed to specific efforts including the preliminary CRA-I charter, thought leader surveys, industry engagement strategies, governance review, and problem/opportunity formulation in general.

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## Other Relevant Experience

- DARPA ISAT member, former chair and current steering committee member 2011-present
- UIDP board chair, 2020-present
- Director, Intel Labs academic programs, 2008-2016
- Program Manager, DARPA, 2003-2008
- Member of Technical Staff AT&T/Bell Labs 1987-2003

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## Research Interests

Intersection of technology, society, and national security; software defined infrastructure; telecommunications; human-computer symbiosis.

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## Personal Statement

If elected to a second term, my continuing agenda will be to bring more industry research collaboration and engagement to the CRA community via the nascent industry standing committee. As a foundation, my roles at VMware, Intel, DARPA, and AT&T/Bell Labs provided research management experience at the intersection of industry, government, and academia. Service activities have further broadened my perspective - as CRA board member, UIDP board chair, and past chair + steering committee member of DARPA, the ISAT study group. I hope to leverage my overall experience contributing to the research trajectories of computing, software defined infrastructure, and telecommunications.

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Completed ballots must be returned to CRA by **March 17, 2021**  
<https://cra.org/about/board/ballot>

## Contact

[www.linkedin.com/in/j-christopher-ramming](http://www.linkedin.com/in/j-christopher-ramming) (LinkedIn)

## Top Skills

University-Industry-Academic Partnerships

Technology Strategy

Technology Transfer

## Honors-Awards

Secretary of Defense Medal for Exceptional Public Service

## Patents

Method for placing a call intended for an enhanced network user

System and method for providing wireless services within a wireless local area network

Method and apparatus for voice interaction over a network using parameterized interaction definition

Method and system for providing communication control and functionality at a remotely located site using a distributed feature architecture

Method and apparatus for generating program code for world wide web service applications

# J Christopher Ramming

Research Manager  
San Francisco Bay Area

## Experience

### VMware

Senior Director of Research and Innovation  
February 2016 - Present (5 years 1 month)  
Palo Alto, CA, USA

Responsible for VMware's Academic Program (VMAP) and an internal incubator (vRTX) of emerging technologies.

### Intel

Director, University Collaborations Office  
2008 - January 2016 (8 years)  
Santa Clara

The UCO was responsible for Intel's large-scale interdisciplinary research centers, including both US-based Intel Science and Technology Centers (ISTCs) as well as their international counterpart, the Intel Collaborative Research Institutes (ICRIs). Prior to leading the UCO, I had created the Intel Labs Academic Research Office (ARO) which brought Intel a new approach for mid-sized academic research alliances (ISRAs).

### Defence Threat Reduction Agency

Consultant  
2008 - 2008 (less than a year)

### DARPA

Program Manager  
2003 - 2007 (4 years)

### SRI

IPA to DARPA  
2003 - 2007 (4 years)  
Arlington, VA

IPA to DARPA

Stanford University Continuing Studies Program  
Instructor

2004 - 2004 (less than a year)

SCS ENG03 "Science of Networks"

AT&T Labs Research

Technology Consultant

1987 - 2003 (16 years)

Bell Labs

Member of Technical Staff

1987 - 1999 (12 years)

Capgemini

Contractor to AT&T Bell Labs

1985 - 1987 (2 years)

New Jersey

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## Education

University of North Carolina at Chapel Hill

MS, Computer Science · (1989 - 1990)

Yale University

Bachelor of Arts - BA, Computer Science · (1981 - 1985)

Darien High School

· (1980 - 1981)

International School of Brussels

· (1976 - 1979)

Graded - The American School of São Paulo

· (1968 - 1972)