2024 Board Nominees - Academic

The following 11 academic candidates are vying for 6 open seats on the Board of Directors. We encourage CRA members who are voting to rank at least 6 candidates in their vote.

[James Allan](#)

[Srinivas Aluru](#)

[David Bader](#)

[Maureen Doyle](#)

[Joan Feigenbaum](#)

[Ran Libeskind-Hadas](#)

[Manuel Pérez-Quiñones](#)

[Rachel Pottinger](#)

[Katie Siek](#)

[Robert Sloan](#)

[Holly Yanco](#)

James Allan

Professor and Associate Dean of Research
University of Massachusetts, Amherst
Manning College of Information and Computer Sciences

Recent Awards and Honors

- Fellow of the ACM, 2021
- ACM SIGIR (SIG Information Retrieval) Academy, 2021
- ACM SIGIR Test of Time Award 2016 (for 1998 paper)

Involvement in CRA Activities

- CRA Board member, 2018-2024
- CRA Treasurer and Executive member, 2019-2025
- CRA Working Group on Misconduct Issues, 2022-23
- CRA Snowbird organization committee, 2020 (online) and 2022

Other Relevant Experience

- Chair of the Faculty, College of Information and Computer Sciences (CICS), UMass Amherst, 2015-2022
- Associate Dean of Research, UMass Amherst CICS, 2024-Present
- Moderator, cs.IR (Information Retrieval) for arXiv.org, 2018-Present
- Chair of ACM SIGIR executive, 2010-2013

Research Interests

- Information Retrieval
- Controversy, misinformation
- Multilingual search and organization

Personal Statement

I currently serve as CRA Treasurer, providing a bridge between CRA's finance staff and the Board to help each understand what is needed and what is happening. This effort has included improving the reporting to the board, moving CRA long-term reserves to an investment service, making sense of a major auditing issue over the past couple of years, and, more recently, working to an ongoing effort toward a better understanding of the long-term financial position of CRA as its mission and staff grow rapidly. I am also interested in CRA activities related to fairness and equity.

Srinivas Aluru

Regents' Professor and Executive Director
Georgia Institute of Technology

Recent Awards and Honors

- Fellow of AAAS (2010), ACM (2020), IEEE (2010), and SIAM (2020)
- IEEE Computer Society Meritorious Service Award (2015)
- IEEE Computer Society Golden Core (2015)
- Outstanding Faculty Leadership Award, College of Computing, Georgia Institute of Technology (2023)
- Outstanding Achievement in Research Program Development Award, Georgia Institute of Technology (2019)

Involvement in CRA Activities

- Attended CRA Snowbird meeting (virtual due to Covid) as Interim Chair of the School of Computational Science and Engineering, Georgia Institute of Technology (2020)
- Partnered with CRA to execute the South Big Data Hub Industry-Academic Early Career Collaboration Program (funded by CRA; 2016)
- Presented invited talk titled "High performance computing for biology and medicine" at the CCC Workshop on Digital Computing Beyond Moore's Law, San Francisco, May 3, 2018

Other Relevant Experience

- Executive Director, Institute for Data Engineering and Science, Georgia Institute of Technology (2016-present)
- Interim Chair, School of Computational Science and Engineering, Georgia Institute of Technology (June 2019 - Aug 2020)
- Chair, Bioinformatics and Computational Biology Program, Iowa State University (2005 - 2007)
- Editor-in-Chief, ACM/IEEE Transactions on Computational Biology and Bioinformatics (2021-present)
- Chair, ACM Special Interest Group on Bioinformatics, Computational Biology, and Biomedical Informatics (SIGBIO; 2015-2021)

Research Interests

- High performance computing, data science, bioinformatics and computational biology, combinatorial scientific computing, and applied artificial intelligence and machine learning

Personal Statement

I have nearly 30 years of experience as faculty in academia during which I also served in various administrative positions on both the academic and research sides. Nationally, I co-led the South Big Data Regional Innovation Hub, and contributed to OSTP, NITRD, NIH and DOE strategic planning workshops. As CRA Board member, my interests lie in shaping future research vision for computing in the age of ubiquitous AI, ensuring U.S preeminence and competitiveness, promoting academia-industry and academia-national labs collaborations, promoting research and supporting education in frontier areas at HBCUs and MSIs, and advocating for computing research with policy makers.

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David Bader

Distinguished Professor
New Jersey Institute of Technology
Data Science

Recent Awards and Honors

- IEEE CS Sidney Fernbach Award (2021)
- Innovation Hall of Fame, University of Maryland, A. James Clark of Engineering (2022)
- Fellow of the IEEE (2009), ACM (2021), AAAS (2011), SIAM (2019)
- Georgia Tech Outstanding Senior Faculty Research Award (2014)
- IEEE CS Golden Core Member Award (2010)

Involvement in CRA Activities

- CRA Board Member, 2013-2014
- CRA Snowbird Organizing Committee, 2014
- CRA Government Affairs Committee Member, 2013-2021
- CCC/CRA Computing Innovations Fellows Project, 2010
- CRA-NIH Workshop on Computational Challenges in Biomedicine, 2006
- NITRD-CRA Workshop on the Road Map for the Revitalization of High End Computing, 2003

Other Relevant Experience

- Chair, NSF Committee of Visitors for OAC, 2021-2022
- NSF Advisory Committee on Cyberinfrastructure, 2014-2017
- IEEE Computer Society Board of Governors, 2014-2016
- Editor-in-chief, ACM Trans. on Parallel Computing, 2018 - present
- Editor-in-chief, IEEE Trans. on Parallel and Distributed Systems, 2014-2017

Research Interests

- High Performance Data Analytics
- Parallel Graph Algorithms
- High Performance Computing

Personal Statement

David Bader, a national thought-leader in computing, is recognized for developing the first Linux supercomputer in 1998. Within a decade this design became the predominant architecture for all major supercomputers in the world. He has served as a lead investigator on several major DARPA efforts. Bader has best paper awards from top IEEE & ACM conferences. He advises the White House, most recently on NSCI and FACE. Bader founded Georgia Tech's School of Computational Science and Engineering and launched one of the nation's first Data Science programs. Bader aims to strategically position CRA's activities more aligned with the AI revolution.

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Maureen Doyle

Professor of Computer Science
Northern Kentucky University

Recent Awards and Honors

- 2020 - NKU Department Award for Excellence in Access
    - Awarded for improved retention of CS and IT majors
- 2011 - NKU Faculty Excellence Award for Excellent Performance in Teaching

Involvement in CRA Activities

- CRA Mid-Career Workshop
    - My experience resulted in my decision to move into Administration at my university
- Attended Snowbird in 2022

Other Relevant Experience

- ACM SIGCSE Symposium Chair, 2022-2023
- ACM Data Science Task Force Committee, 2019-2020
- Kentucky TRIWIC Regional Celebration of Women in Computing Chair, 2011-2018
- NCWIT Academic Alliance Co-Chair 2017-2018
- Kentucky Department of Education K-12 Computer Science Standards Committee, 2018

Research Interests

- Computer Science Education

Personal Statement

I am eager to contribute to the CRA board, bringing the perspective of a non-traditional academic, with 20 years of industry experience as a scientific programmer and 20 years as an academic in Kentucky. My dedication lies in supporting college education success for first-generation and underserved communities. The CRA has played a crucial role in my work.

My participation in the CRA mid-career workshop is responsible for my transition into administration. Although I returned to the faculty from administration this year, I am enthusiastic about the opportunity to serve and continue making a meaningful contribution.

Joan Feigenbaum

Grace Murray Hopper Professor of Computer Science
Yale University

Recent Awards and Honors

- 2024: IEEE Fellow
- 2020: Test-of-Time award, IEEE Symposium on Security and Privacy
- 2018: Amazon Scholar
- 2012: AAAS Fellow
- 2001: ACM Fellow

Involvement in CRA Activities

- I was one of the charter members of the CRA Committee on the Status of Women (CRA-W) and served on the committee from 1991 to 1996.

Other Relevant Experience

- 2021 - present: Steering-Committee Chair, ACM Symposium on Computer Science and Law
- 2020 - 2022: ACM Vice President
- July 2014 - June 2017: Computer-Science Department Chair, Yale University
- 2005 – 2011: ACM SIGCOM Vice Chair
- 2005 – 2009: ACM SIGACT Executive-Committee Member

Research Interests

- Computer science and law
- Security, privacy, anonymity, and accountability
- Internet algorithmics

Personal Statement

It is an honor to be nominated for a CRA Board position at this exciting but confusing time in computing history. Over the past 70 years or so, computers have become indispensable tools of daily life. Recently, sophisticated computation has entered many spheres of human activity, and this change has given people who can understand and exploit computational methods and principles a decisive advantage over their less computationally astute competitors. If elected to the CRA Board, I will work toward strengthening support for interdisciplinary research, focusing particularly on the interaction of computer science with law and social sciences.

Ran Libeskind-Hadas

Founding Chair - Kravis Department of Integrated Sciences
Claremont McKenna College

Recent Awards and Honors

- 2015 NCWIT EngageCSEdu Engagement Excellence Award: "Recognizing faculty who are making a difference in their introductory computer science classrooms through excellent and engaging curriculum" (shared with C. Alvarado, Z. Dodds, and G. Kuenning)
- 2015 Harvey T. Mudd Prize: "Awarded annually to a member of the Harvey Mudd College community whose service to the College and its mission is exemplary"
- 2012 University of Illinois at Urbana-Champaign CS Distinguished Alumni Educator Award
- 2005 Joseph B. Platt Chair: Senior faculty chair for effective teaching at Harvey Mudd College
- 1996 Iris and Howard Critchell Assistant Professorship: Junior faculty chair for teaching and mentoring at Harvey Mudd College

Involvement in CRA Activities

- I was a member of CCC from 2009 to 2015
- I was co-chair of CRA-E from 2011 to 2017
- I co-chair the Socially Responsible Computing Group
- I served as a member of the CRA Undergraduate Research Award Committee from 2017 to 2020 and co-chaired that committee in three of those years
- I co-organized the online version of the "Snowbird" conference (the CRA Virtual Conference in 2020)
- Currently serving on the CRA Board and as a member of the Executive Committee (two terms as secretary, currently serving as vice chair)

Other Relevant Experience

- CISE Advisory Committee (2020-2023)
- Member of the Editorial Board of CACM for the Research Highlights section (2019-2021)
- Member of the Editorial Board of the IEEE Transactions on Computers (two terms, 2001-2005)

Research Interests

- Computational biology
- Algorithms

Personal Statement

I am excited to continue serving on the CRA Board. In addition to serving as vice chair, I'm currently co-chairing the Socially Responsible Computing working group. There are many opportunities for CRA in this area and I'm eager to continue progress there. I'm also one of a few Board members from an undergraduate institution. I hope to continue to be able to advance the perspectives of PUIs and other non-R1 institutions in the scope of CRA's mission. Finally, I'm leading a multidisciplinary department that integrates computing with the natural sciences and am passionate about advancing those kinds of collaborations.

Manuel Pérez-Quiñones

Professor
University of North Carolina at Charlotte
Department of Software and Information Systems

Recent Awards and Honors

- ACM Distinguished Member For Outstanding Educational Contributions to Computing 2019
- Computing Research Association's A. Nico Habermann Award 2018
- Richard A. Tapia Achievement Award for Scientific Scholarship, Civic Science and Diversifying Computing, 2017
- ACM Service Recognition Award for Service as Symposium Co-Chair for SIGCSE Technical Symposium in Computer Science Education, 2019
- Dean's Award for Excellence in Service, College of Engineering, Virginia Tech, 2011

Involvement in CRA Activities

- Search Committee for CRA Executive Director (2022)
- Organizing committee for the CRA Leadership Academy (2023)
- Member BPCnet.org Steering Committee, Computing Research Association, 2020-2023
- Selection Committee for various CRA awards: Skip Ellis Early Career Award, CRA (2019-2020), Habermann Award (2010), CRA-E Undergraduate Research Faculty Mentoring Award (2017)
- Service with the Coalition to Diversify Computing (CDC), a committee of CRA/ACM/IEEE-CS: Co-Chair (2014-2015), Past-Chair (2011-2012), Chair (2010-2011), Co-Chair for CREU (2006-2010).
- Co-PI: BPC Pipeline: Five Year Extension, CNS: Division of Computer and Network Systems (#1042403). PI: Kathleen Fisher, Co-PI: Andrew Bernat, Manuel A. Pérez-Quiñones. February 1, 2011-January 31, 2014, Amount: $750,720, Personal participation: 50%, Area: Students, Awardee organization: CRA
- Co-organizer of two Discipline Specific Workshops (DSW) sponsored by the CRA-W/CDC BPC Alliance: Computer Human Interaction Mentoring (CHIMe) 2010 & 2012 Workshop, Co-located with 2010, Atlanta & CHI 2012, Austin. Co-Chair with Ron Metoyer
- Speaker in numerous CRA events including Snowbird Panel (2019) "Broadening Participation in Computing Is Easier Than You Think", CRA Virtual Conference (2020) "Race, Racism, and the Exclusion of Black People in Computing", Panelist in 2013 & 2014 CMD-IT/CDC/CAHSI/AccessComputing Academic Career Workshop for Underrepresented Participants
- Involved with the organization of the Richard Tapia Celebration of Diversity in Computing Conference in various capacities (chair, co-chair, steering committee) when the conference was still sponsored by CDC

Other Relevant Experience

- NSF Program Officer in the Education & Workforce Cluster, CISE, National Science Foundation (Feb 2023- Feb 2024)
- ACM Committees, e.g., Distinguished Service Award committee (2023-), ACM Young Researcher Selection Committee for 2022-2024 Heidelberg Laureate Forum

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- Member of the Committee on Women in Science, Engineering (CWSEM) and Medicine at the National Academies Science, Engineering and Medicine (NASEM)
- Elected At-Large Member for the SIGCSE Board, ACM Special Interest Group (2019-2022), and member of the inaugural SIGCSE Technical Symposium Steering Committee as representative of the SIGCSE Board (2021-2022)
- Research Scientist at the Naval Research Lab, Washington DC 1990-1996

Research Interests

- CS Education
- Diversity in Computing
- Personal Information Management
- Human-Computer Interaction

Personal Statement

If elected to the CRA Board, I would like to continue my collaboration within CRA in the efforts to broaden participation in computing. I have worked at different types of institutions (R1, HSI, MSI, government research lab) giving me a breadth of experiences in computing research. I was the first (of only 3) NSF CISE CAREER awardee in Puerto Rico, have held various administrative positions in academia, lead major international conferences (SIGCSE, Tapia, and CLIHC), served on numerous national committees for NASEM, ACM, CRA, CMD-IT, and received recognition for my efforts to diversify computing.

Rachel Pottinger

Professor of Computer Science
University of British Columbia

Recent Awards and Honors

- Denice Denton Emerging Leader Award (awarded for high quality research and significant impact on diversity), Anita Borg Institute, 2007

Involvement in CRA Activities

- Computing Research Association (CRA) Board of Directors (Two elected 3 year terms), 2018–present
- Speaker: Planning Your Research Career: CRA Career Mentoring Workshop, February 27, 2020
- Speaker: Grad Cohort for Women Workshop: 2014, 2012, 2011, and 2005
- Co-creator and co-moderator of lists for pretenure and job hunting PhD women in Computer Science: Computing Research Association's Committee on the Status of Women in Computing Research, 2005–2021

Other Relevant Experience

- University of British Columbia Department of Computer Science, Associate Head for the Undergraduate Program, 2018/07–2020/08
- ACM Special Interest Group on Management of Data (SIGMOD) Secretary/Treasurer (2021–2025)
- Associate Editor Very Large Databases Journal (VLDB Journal), 2019–2025
- Associate Editor Proceedings of Very Large Databases (PVLDB), 2017, 2023, 2024
- Associate Editor International Conference on the Management of Data (SIGMOD), 2022

Research Interests

- Databases
- Data exploration

Personal Statement

I have been on the CRA Board of Directors for the past six years. During that time, I have worked on a number of initiatives, including co-chairing the CRA Conference at Snowbird for 2024, being on the organizing committee for the inaugural CRA Leadership Academy in 2023, co-chairing the New Chairs Workshop at the Virtual Snowbird Conference in 2020, and working on the CRA Database of Candidates for Industrial/Government Laboratory Positions from 2018-2021. I am pleased to be able to help CRA in its mission to help the Computer Science research community grow and thrive, even in these challenging times.

Katie Siek

Professor of Informatics
Indiana University

Recent Awards and Honors

- 2022 Indiana University Trustees Teaching Award
- 2021 ACM Distinguished Member
- 2019 NCWIT Undergraduate Research Mentoring Award
- 2012 Borg Early Career Award
- 2009 NSF Faculty Early Career Development (CAREER) Award

Involvement in CRA Activities

I am currently on the Computing Research Association Board, where I serve as the elected secretary (2023-2025), and the Computing Community Consortium Council (since July 2019), where I am on the executive committee. For CRA, I chair the Misconduct Issues Working group and co-chair the CRA Committee on Surveys where we are making an interactive website for longitudinal Taulbee data for the computing research community. In 2022, I co-chaired the New Chairs workshop at Snowbird. I also served as a CSGrad4US Area Advisor (2022-2023), CSGrad4US Coach (2023-2024), and Computing Innovations Selection Committee Member (2020 & 2021).

In my role with the CCC, I helped co-organize three workshops (Future of Pandemic Prevention and Response 2023, Accessible Technology for All [joint workshop with CRA-I] 2023, and Sociotechnical Interventions for Health Disparity Reduction 2018); two AAAS panels (Health Equity and Technology for Older Adults Caregiving); co-authored 4 federal requests for information; and co-authored two quadrennial papers.

Other Relevant Experience

- Communications of the ACM Editorial Board 2022-Present
- Chair of Informatics (2020-2023), Luddy School of Informatics, Computing, and Engineering, Indiana University Bloomington
- Subcommittee Co-Chair for CHI 2018 (Health, Accessibility, and Aging), 2019 (Health), and 2020 (Health).
- Co-Chair of three CCC funded workshops:
  - Future of Pandemic Prevention Response 2023
  - Accessible Technology for All [joint workshop with CRA-I] 2023
  - Sociotechnical Interventions for Health Disparity Reduction: A Research Agenda Workshop 2018

Research Interests

- Human computer interaction
- Pervasive computing
- Health and wellness informatics

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Personal Statement

I am committed to diversifying computing - from the demographics of computing to expanding the definition of computing research to include informatics-oriented research. As a CRA board member, I have facilitated opportunities for the computing community to be more inclusive, collaborative, and aware of our impact on society. I am running for a second term because I would like to complete the projects (e.g., interactive Taulbee survey) I am currently collaborating on. In addition, as CCC starts their renewed grant, my service to CRA and CCC provide the synergy necessary to identify additional opportunities for CCC moving forward.

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.

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Holly Yanco

Chair and Professor
Richard A. Miner School of Computer & Information Sciences
University of Massachusetts Lowell

Recent Awards and Honors

- Elected as Fellow of the Association for the Advancement of Artificial Intelligence (AAAI) "for foundational contributions to the field of human-robot interaction and for exceptional leadership in education and broadening participation," 2021
- Selected as one of 35 Women in Robotics Engineering and Science (WiRES) who have made significant contributions in the past 35 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) conferences, 2022
- Commonwealth of Massachusetts Citation for Outstanding Performance, 2017
- Distinguished University Professor, University of Massachusetts Lowell, 2015
- Woman to Watch Award, Mass High Tech, 2013

Involvement in CRA Activities

CRA has provided me with many opportunities for career growth and service:
- I have been a CCC Council member since 2020. (I was asked to stay on for a fourth year)
- I led the sessions on AI Systems and Possible Impacts on Diversity and Inclusion at the Boston LEVEL UP Workshop in November 2023
- I was a CI Fellows reviewer in 2020 and 2021
- I served on the Socially Assistive Robots panel at the Visions 2025: Interacting With the Computers All Around Us Workshop, run by the Computing Research Association (CRA) and National Science Foundation (NSF) in Washington DC in May 2014
- I now attend Snowbird as Chair of the Richard A. Miner School of Computer & Information Sciences
- In the past, I attended in my role as CCC Council member and was a panelist in 2008
- As Chair, I complete the Taulbee Survey and ensure that our department participates in Data Buddies
- As a junior faculty member, I attended CRA-WP workshops

Other Relevant Experience

- Association for Computing Machinery (ACM) Doctoral Dissertation Award Committee, 2023 - present
- Co-Chair, Steering Committee, ACM/IEEE International Conference on Human-Robot Interaction, 2013-2016
- General Chair, 2012 ACM/IEEE Conference on Human-Robot Interaction
- Robotics Cluster, Mass Technology Leadership Council (MassTLC): Co-Chair, 2015-2019; Advisory Board, 2008-2015
- Executive Council, Association for the Advancement of Artificial Intelligence (AAAI), 2006-2009

Research Interests

- Robotics and AI
- Human-robot interaction
- Fostering trust in autonomous systems

- Explainable systems
- Metrics and evaluation methods for autonomous systems
- Use of robotics and AI in K-12 education for broadening participation in computing

Personal Statement

I am a Distinguished University Professor and Chair of the Richard A. Miner School of Computer & Information Sciences at the University of Massachusetts Lowell. My service includes CRA's CCC Council, co-chairing the Steering Committee for the ACM/IEEE International Conference on Human-Robot Interaction, and Executive Council of the Association for the Advancement of Artificial Intelligence (AAAI). For over 25 years, I have assembled and led a wide range of interdisciplinary collaborations to solve open problems in robotics and AI. As a CRA Board member, I will focus on CS policy, including increasing research funding, and broadening participation in our profession.