

2023 Board Nominees



CRA

Computing Research
Association

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2023 Board Nominee



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Alex Aiken

Professor of Computer Science
Stanford University

Awards and Honors and Year Received

R&D 100 Award (given to the Legion programming system), 2020
ACM SIGPLAN Programming Languages Achievement Award, 2019
Alcatel-Lucent Chair of Computer Science (since 2011)
ACM Fellow, 2009

Involvement in CRA Activities

I am a current member of the CRA board of directors.

Other Relevant Experience

2018-21 Member, DARPA ISAT Committee
2016- CS Division Director, SLAC National Laboratory
2015-19 ACM Turing Award Committee
2014-18 Department Chair, Stanford Computer Science

Research Interests

Programming languages and high performance computing.

Personal Statement

I've worked as a computer science researcher in academia, industry, and the national labs. The incredibly productive research ecosystem of which we have all been part requires constant attention to keep it functioning well, and the CRA is the main community voice in those discussions. I am running for second term to continue advocating for support for computer science research at the federal level and to help address current concerns about research integrity that could potentially undermine confidence in our field.



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2023 Board Nominee

Sandhya Dwarkadas

Professor and Chair
University of Virginia

Awards and Honors and Year Received

ACM fellow 2018

IEEE fellow 2017

Hajim Outstanding Faculty Award, University of Rochester 2020

Walter N Munster Professorship, University of Virginia 2022

Albert Arendt Hopeman Professorship, University of Rochester 2016

Involvement in CRA Activities

CRA-WP board member since 2010, co-lead the Graduate Cohort for Women and co-manage the Borg Early Career Awards. Also co-chair 2019-2022. Also, CRA board member in 2022, currently on the Government Affairs Committee.

Other Relevant Experience

Chair of Computer Science, University of Rochester, 2014-2020

Current Chair of Computer Science, University of Virginia

Research Interests

Computer architecture, Parallel and distributed systems

Personal Statement

Through my work with CRA-WP, as well as my leadership across two universities, I have a keen interest in fostering an inclusive environment throughout the computing research community that is both welcoming and conducive to innovation. I hope to continue my role on the Government Affairs Committee as well. Being closer to Washington, I am hoping also to have more interactive participation with CRA.



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2023 Board Nominee

Kinnis Gosha

Hortenius I. Chenault Endowed Professor
Morehouse College

Awards and Honors and Year Received

- Promoted to Full Professor (2022);
- Appointed to Executive Director for the Morehouse Center for Broadening Participation in Computing (2022);
- PI for the Institute for African Americans in Computing Sciences (IAAMCS) NSF CISE BPC Alliance (2022)

Involvement in CRA Activities

- Minority Serving Institution Engagement Chair for the 2022 CRA Snowbird Conference;
- Invited speaker for the 2023 Grad Cohort for IDEALS Workshop;
- Collaborative Research Experience for Undergraduates Award Winner (2012 & 2013);
- CRA-W/CDC Distinguished Lecture Series Grant Recipient (2012);
- Participant in CRA Grad Cohort Workshop (as a doctoral student)

Other Relevant Experience

- a) Steering Committee for the Conference on Research in Equity and Sustained Participation in Engineering, Computing, and Technology (RESPECT 2023);
- b) Co-Chair for the Conference on Research in Equity and Sustained Participation in Engineering, Computing, and Technology (RESPECT 2022);
- c) Planning Committee for the National Academies of Science Symposium on “Imagining the Future of Undergraduate STEM Education”;
- d) ASEE American Society for Engineering Education Future Ready Engineering Ecosystem Advisory Board;
- e) Proceedings Chair for the Fourth International Conference of the IEEE Special Technical Community on Broadening Participation (RESPECT 2019)

Research Interests

Conversational agents, Human-Centered Computing, Broadening Participation in Computing, Computer Science Education and Technology Entrepreneurship

Personal Statement

I humbly request your support for my nomination for CRA Board member. After spending 12 years at Morehouse College, I can offer a viewpoint from a HBCU and a liberal arts institution. In 2019, I led the development for the first undergraduate Software Engineering program at an HBCU. As a researcher, I hold over 70 peer-reviewed publications and over 20 federal grants/contracts, making me very astute about what is needed for quality computer science research. From 2013 to 2019, I sent 19 undergraduate researchers from my lab to doctoral programs in computing.

2023 Board Nominee



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Mary Hall

Director and Professor
University of Utah

Awards and Honors and Year Received

IEEE Fellow, 2020

ACM Distinguished Scientist, 2010

Involvement in CRA Activities

I have served on the CRA Board of Directors since 2015, as ACM representative from 2015-2020, and as an elected member since 2020. I was a co-author of the CRA 2017 Generation CS Booming Enrollments report, was on the bpcnet.org Steering Committee from 2018-2022, volunteered to help shape one of the Strategic Themes in the 2020 CRA Strategic Plan, joined the CRA-Industry Steering Committee in 2021 (co-led a roundtable on Building Industry, University and Government Partnerships), and regularly speak at the CRA Career Mentoring Workshop (co-chair in 2022).

Other Relevant Experience

IEEE Computer Society Awards Committee Member, 2022-2023

Director of the Kahlert School of Computing, 2020-present

Director of the Utah Center for Inclusive Computing, 2020-present

NSF CISE Committee of Visitors CCF Subcommittee Chair, 2019

ACM History Committee Chair, 2009-2013

Research Interests

Parallelizing compiler technology Performance tuning High-performance computing

Personal Statement

My work on the CRA Board seeks to advance making computing welcoming and inclusive, and to assist CRA to build an ecosystem of academic, industry and government institutions. Through bpcnet.org and workshops to support NSF CISE's BPC Plan pilot project, I contributed to an important inflection point in getting most CISE-funded PIs working on broadening participation. As Director of the Kahlert School of Computing at University of Utah, my work on the Board benefits from experiences running the School, and I export best practices I learn from CRA to my home institution and the broader computing community.



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2023 Board Nominee

Raquel Hill

Professor and Chair
Spelman College

Awards and Honors and Year Received

Brilliant Minds, 2016,
Indiana University Trustees Teaching Award 2019,
Indiana University Distinguished Scientist Award, 2022,
Harvard School of Engineering and Applied Sciences, Harvard University

Involvement in CRA Activities

Member, CRA Board of Directors, 10/22-Present
Attendee, Snowbird Conference, 2022
Member, CRA-WP Skip Ellis Early Career Award Committee, 2020, 2021

Other Relevant Experience

N/A

Research Interests

Trusted Computing, Data Privacy

Personal Statement

I began my career as a systems researcher, exploring various topics, including: quality of service in computer networks, access control, and trusted computing. My more recent projects continue to explore topics in trusted systems and data privacy. My work with behavioral science data was the first to characterize re-identification risks in high-dimensional data that is collected in surveys designed to capture the various behaviors and experiences of groups of individuals. To address these risks, my work was one of the first to explore the use of differentially private mechanisms and their impact on the utility on a real-world dataset.

2023 Board Nominee

Zachary Ives

Professor and Chair
University of Pennsylvania

Awards and Honors and Year Received

- IEEE TCDE Education Award, 2022.
- ACM Fellow, 2021.
- ICDE 10 Year Best Paper Award, 2013.
- Lindback Award for Distinguished Teaching, 2010.
- NSF CAREER Award, 2005.

Involvement in CRA Activities

I have participated in the CRA Conference at Snowbird in 2018 and 2022, including the new chair's workshop, BPC workshop, and multiple discussions about faculty development and mentoring.

Other Relevant Experience

- Chair of Computer & Information Science, University of Pennsylvania, 2018-current.
- Played a key leadership role in the launch of Penn's curricular and research center initiatives in data science.
- DARPA Information Science & Technology (ISAT) advisory Panel, 2009-12.
- General Chair, SIGMOD 2022 (first in-person DB conference after the pandemic)

Research Interests

Data integration, applied machine learning, machine learning systems, scientific data management

Personal Statement

Throughout my career I've bridged academia and industry, technology with society, computer science with data science, and theory with systems and applications. My research established foundational approaches to data integration and trust, was adopted by life scientists, and trained students for academia and industry. I have led program committees, conference organizing committees, and DARPA workshops. At Penn I play a leadership role in our data science curriculum and institutes, and serve as chair of Computer and Information Science (which has grown by > 50%). I am a strong proponent of mentoring the next generation and establishing consensus strategic priorities.



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2023 Board Nominee

Samir Khuller

Barris Chair and Professor for CS
Northwestern University

Awards and Honors and Year Received

2022 ACM Fellow
2021 Fellow of the EATCS (European Society for TCS)
2020 CRA Undergraduate Mentoring Award
2016 European Symp on Algorithms Test of Time Award
1995 Deans Teaching award

Involvement in CRA Activities

Only as an attendee of several Snowbird CRA meetings.

Other Relevant Experience

Chair of ACM SIGACT Executive Committee 2018-2021.
Elizabeth Iribe Chair for CS 2012-2017 (U. Maryland)
Peter Barris Chair for CS 2019- present (Northwestern)
Co-PI for NSF REU Site at U Maryland from 2013-2018 (six years)

Research Interests

Algorithm Design Optimization Computational Geometry Scheduling Graph Theory

Personal Statement

I would like to join the CRA Board to better integrate research and educational activities between academia and industry - both sides will benefit from a strong partnership. I am keen on finding ways to provide more research opportunities for our students, and ways for students to find internship and mentoring opportunities, from researchers and industry professionals outside their own schools and colleges who they might not have access to. I look forward to serving the computing community as I was able to do as SIGACT Chair by sponsoring events such as the TCS Women's workshop with STOC.

2023 Board Nominee



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Ming Lin

Distinguished University Professor
University of Maryland at College Park

Awards and Honors and Year Received

- 2022: Fellow of National Academy of Inventors
- 2020: Member of ACM SIGGRAPH Academy
- 2012: IEEE Fellow
- 2011: ACM Fellow
- 2010: IEEE Virtual Reality Technical Achievement Award

Involvement in CRA Activities

- Board of Director, Computing Research Association Women (now CRA-WP), 2016-present
- Co-Chair, CRA-W Distributed Research Experience for Undergraduates (DREU) Program, 2016-present
- Invited speaker and mentor, CRA-WP Graduate Cohort Workshop 2010-2022
- Invited speaker and mentor, CRA-WP Career Mentoring Workshop 2016, 2018
- Co-Chair, CCC Workshop on Discovery and Innovation on Smart & Pervasive Health 2016
- Invited Participant, CCC/CRA Roadmap Workshop on Healthcare and Medical Robotics 2008

Other Relevant Experience

1995-1997: Founding Program Manager of Computer Science and Discrete Mathematics at Army Research Office (ARO) to start new funding initiatives to support university research in Computer Science and Discrete Math at ARO, with oversight of multiple major research centers & programs (including MURI, HBCU, STTR, SBIR, etc).

1996-2023: General/Program/Paper (Co-)Chair of over 30 ACM/IEEE Conferences, including ACM SIGGRAPH Asia 2023.

2011-2014: Editor in Chief of IEEE Transactions on Visualization and Computer Graphics - introduced hybrid publication model for multiple IEEE VGTC conferences that increased both conference attendance and journal impact factors

2015-2018: IEEE Computer Society (CS) Board of Governor

2015-2020: Founding Chair of ACM SIGGRAPH Doctoral Dissertation Award Committee

Research Interests

AI/Machine Learning, Computer Graphics, Geometric Modeling, Robotics, and Virtual Reality

Personal Statement

The field of computing is constantly evolving; our society is experiencing challenges from unprecedented demands in education, research, and workforce (re-)training. Seamless coordination should be explored between academia, industry, government, and non-profits. In addition to industry engagement with Adobe, Amazon, Intel, and Microsoft, my 30 years of experiences, including Department Chair, founding CS program director, entrepreneur of successful startups, chairs, advisory board & steering committee members of conferences, publications, international communities, government, and tech companies, well position me to understand issues and benefits associated with these changes and various alternatives to address diverse issues in current economic & geopolitical environments.



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2023 Board Nominee

José Martínez

Lee Teng-hui Professor of Engineering
Cornell University

Awards and Honors and Year Received

- 2021 IEEE Fellow
- 2021 Most Influential College Educator of a Merrill Presidential Scholar at Cornell University (also in 2016 and 2007)
- 2018 College of Engineering Teaching Award (also in 2014 and 2005)
- 2015 Distinguished Lecturer, Society for Hispanic Professional Engineers (SHPE)
- 2015 Best Paper Nomination, IEEE Intl. Symp. on High-Performance Computer Architecture (HPCA)

Involvement in CRA Activities

No

Other Relevant Experience

- 2021-Present Steering Committee Member, ACM/IEEE Intl. Symp. on Computer Architecture (ISCA)
- 2019-Present Steering Committee Member, ACM/IEEE Intl. Symp. on Microarchitecture (MICRO)
- 2019-23 ACM SIGARCH Board of Directors
- 2020, 21 General Co-chair, ACM/IEEE Intl. Symp. on Computer Architecture (ISCA)
- 2013-16 Editor in Chief, IEEE Computer Architecture Letters

Research Interests

Computer Architecture

Personal Statement

I am the Lee Teng-hui Professor and the Senior Associate Dean for Diversity & Academic Affairs in the College of Engineering at Cornell University. I'm an IEEE Fellow, an elected member of ACM SIGARCH's Board of Directors (2019-23), and a member of the ACM/IEEE ISCA and MICRO steering committees. In 2017, I was Chair of the IEEE Computer Society's Transactions Operating Committee, and before that, I served as Editor in Chief of IEEE Computer Architecture Letters (2013-16). I was Program Co-chair of ACM/IEEE MICRO'09 and Program Chair of IEEE HPCA'16. I was also General Co-chair of ACM/IEEE ISCA'20 and '21.



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2023 Board Nominee

Timothy Pinkston

Professor and Vice Dean for Faculty Affairs
University of Southern California

Awards and Honors and Year Received

- Distinguished Alumnus Award for Academic Excellence from the College of Engineering at The Ohio State University (2020)
- AAAS Fellow (2020)
- ACM Fellow (2019)
- IEEE Fellow (2009)
- ACM Recognition of Service Award (2003, 2018)

Involvement in CRA Activities

- Member of the CRA Board of Directors since 2020, serving on the CRA Executive Director Search Committee (2021), CRA Distinguished Service Award Selection Committee (2021, 2022, 2023), CRA A. Nico Habermann Award Selection Committee (2021, 2022, 2023), and the CRA (Taulbee) Survey Committee (2023)
- Invited panelist for the NITRD 30th Anniversary Symposium, panel on "Computing at Scale," hosted by the CCC/CRA, Washington D.C., May 2022
- Invited panelist for the CCC/CRA 2022 CIFellows Symposium on the topic "Building your Research Network," Washington D.C., May 2022
- Invited panelist for the CRA Biennial Career Mentoring Workshop on the topic "Preparing a Tenure Dossier," Washington D.C., February 2022
- Member of the CCC/CRA Computing Innovation Fellows (CIFellows) Selection Committee (2009, 2010, 2020, 2021)
- Invited panelist for the CRA-W/CDC Careers in High Performance Systems (CHIPS) Mentoring Workshop (2009)
- Invited speaker/panelist for the CRA-W/CDC Systems Research Mentoring Workshop (2008)
- Invited speaker/panelist for the CRA-W/CDC Computer Architecture Workshop (2006)

Other Relevant Experience

- ACM Federated Computing Research Conference (FCRC'23) Chair, organizing effort from 2021 - 2023

- NSF Committee on Equal Opportunities in Science and Engineering (CEOSE), 2022- 2024; and NSF Computer and Information Science and Engineering (CISE) Advisory Committee, 2021-2024
- IEEE Computer Society Publications Board Executive Committee, 2021-present
- ACM Grace Murray Hopper Award Committee from 2020 - 2024, Deputy Chair in 2022, Chair in 2023; ACM Heidelberg Laureate Forum Young Researcher Selection Committee, 2022 - 2024 - ACM SIG Architecture (SIGARCH) and SIG Microarchitecture (SIGMICRO), inaugural Committee to Aid Reporting on Discrimination and Harassment Policy Violations (SIGARCH/ SIGMICRO CARES), 2018-present; CARES Co-Chair, 2020-2022

Research Interests

- Computer Systems Architecture, including AI-assisted architecture design
- Interconnection Networks
- Routing algorithms and architectures
- Network-on-Chip design
- Energy-efficient data movement in many-core multiprocessor and parallel computing systems

Personal Statement

Timothy Pinkston is an African-American researcher/educator whose computer architecture research advances design and analysis of interconnection networks, routing algorithms, and data-movement in many-core multiprocessor and distributed computing systems. His research contributions span formal theory, methods, and techniques for deadlock-free adaptive routing as well as energy-, resource-, and performance-efficient network-on-chip (NoC) and off-chip designs. He contributed leadership in expanding computing research as founding Lead Program Director of NSF's Expeditions in Computing Program, past member of IEEE's TCCA and TCPP Executive Committees, co-Chair of ACM's SIGARCH/SIGMICRO CARES, and member of CRA's Board. Timothy endeavors to enhance CRA's reach, diversification, innovativeness, and effectiveness.

2023 Board Nominee

Xipeng Shen

Professor

North Carolina State University



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Awards and Honors and Year Received

2011 Early Career Award, U.S. Department of Energy

2010 NSF CAREER Award

2015 Google Faculty Research Award

2018 ACM Distinguished Member

2018 University Scholar Award

Involvement in CRA Activities

I have participated in some CRA activities, such as helping the department in collecting info needed for the Taulbee Survey, posting job opportunities at CRA Jobs, and encouraging underrepresented students to attend CRA-WP events. I haven't got the chance to participate in organizing activities of CRA. I have however been on the organizing committees of numerous conferences (e.g., General Chair of ASPLOS'18, Program Chair of PPOPP'20, etc.).

Other Relevant Experience

- * General Co-Chair, International Conference on Architectural Support for Programming Languages and Operating Systems (ASPLOS), 2018.
- * Steering Committee Co-Chair, International Conference on Architectural Support for Programming Languages and Operating Systems (ASPLOS), 2018-2020.
- * Program Chair, the 25th ACM SIGPLAN Symposium on Principles and Practice of Parallel Programming (PPOPP), 2020.
- * Steering Committee, ACM SIGPLAN Symposium on Principles and Practice of Parallel Programming (PPOPP), 2020-present.
- * Program Chair, the 25th ACM SIGPLAN International Conference on Compiler Construction (CC), 2023.

Research Interests

- * Compiler and Programming Systems
- * Programming Language Implementation
- * Parallel (Heterogeneous) Computing
- * Real-Time Artificial Intelligence and High-Performance Machine Learning
- * Software-Hardware Co-Design

Personal Statement

Xipeng Shen has published over 150 research papers and chaired numerous major conferences and steering committees. His pioneering research in GPU and multicore compilation has influenced the development of modern heterogeneous computing and ML compilation. He emphasizes diversity and academic-industry collaborations in research. More than a third of his graduated Ph.Ds are from underrepresented groups. He co-founded a company and had been a consultant or advisor of numerous major IT companies. He is an ACM Distinguished Member and an IEEE senior member.



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2023 Board Nominee

Armando Solar-Lezama

Professor and Associate Director of CSAIL
MIT

Awards and Honors and Year Received

HSCC 2021 Best paper award
ICFP 2020 Distinguished paper award
SOSP 2013 Best paper award
CIDR 2013 Best paper award

Involvement in CRA Activities

I have been involved in CRA-WP as part of the steering committee for the Grad Cohort Workshop for Inclusion, Diversity, Equity, Accessibility, and Leadership Skills (IDEALS). I have also participated in the workshop every year that it has taken place. I have also participated in several CCC workshops over the years.

Other Relevant Experience

I have been serving as associate director and COO of the Computer Science and Artificial Intelligence lab (CSAIL) since 2020. In that role I oversee a staff of about 100 people in service of around 1200 faculty, senior researchers and graduate students across 60 research groups.

Research Interests

Programming languages, Neurosymbolic learning.

Personal Statement

I work at the intersection of PL and machine learning. My group was a pioneer in the area of program synthesis and did early work using combinations of neural and symbolic reasoning to synthesize programs. I am especially interested in applications outside of programming in areas as varied as databases, computer aided design and even linguistics. As a board member, I would be interested in supporting the CRA's efforts in widening participation, as well as its work helping to shape policy related to computing. I have been involved with CRA-WP as part of the steering committee for the IDEALS workshop.

2023 Board Nominee



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Lydia Tapia

Department Chair and Professor
University of New Mexico

Awards and Honors and Year Received

- Best Paper in Service Robotics at the IEEE International Conference on Robotics and Automation (ICRA) 2018, the flagship conference for robotics
- Faculty in Residence, Google, 2018
- Computing Research Association Borg Early Career Award, 2017
- National Science Foundation CAREER Award, 2016
- Denise Denton Emerging Leader Award, 2015

Involvement in CRA Activities

- Grad Cohort Speaker 2016, 2018-2021. Speaker and provided mentoring for students attending.
- CRA URMD* Grad Cohort Steering Committee, 2018-2019. Helped organize a new initiative aimed at expanding an existing program to reach new underrepresented communities.
- CRA-E speaker, 2014. Invited workshop speaker about REU best practices.
- CRA CCC Computing Innovation Fellow, 2009-2010. Inaugural recipient of postdoctoral fellowship program.
- BPC organizer, 2015 & 2016. Organized a workshop series to introduce students to best practices in robotics research with CRA funding that continued in subsequent years with Google support.
- CRA-W* Webmaster, May 2003 - May 2006. Developed and maintained webpages for all CRA-W programs. Even though this was during my graduate program, I was honored to be small piece of an amazing program.

*name at time of involvement

Other Relevant Experience

- National Academies Committee, Using Machine Learning in Safety-Critical Applications: Setting a Research Agenda, 2023.

- IEEE International Conference on Robotics and Automation (ICRA), Editor, 2019-2022. Editor for the flagship conference in robotics with focus on autonomy and automation for mobility and manipulation.
- Denice Denton Emerging Leaders Workshop Steering Committee Member, professional development workshop in 2016.
- Congressional Science, Technology, Engineering and Math (STEM) Academic Competition, the “House Student App Challenge”, Judge, 2014.
- Grace Hopper Celebration of Women in Computing Committee Member, 2007-2010. Member of scholarship committee for the Grace Hopper Celebration of Women in Computing Conference.

Research Interests

Motion Planning, Robotics, Computational Biology, Machine Learning, Artificial Intelligence, Virtual Reality

Personal Statement

I am Chair of Computer Science at the University of New Mexico. With a faculty career with almost 14 million in funding, over 60 publications, and awards (NSF CAREER, CRA Borg Early Career, ABIE Denice Denton, Best Paper, etc.), I am still proud I got my start in academia as a CRA Computing Innovation Postdoctoral Fellow, Grad Cohort attendee, and Career Mentoring Workshop participant. Because it meant so much to me, I prioritize serving as a frequent speaker for CRA, and I hope to help CRA grow programs that include professional development, institutional support, and defining emerging needs.



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2023 Board Nominee

Jing Xiao

Professor and Head
Worcester Polytechnic Institute

Awards and Honors and Year Received

- IEEE Fellow, 2012.
- Winner of the Outstanding Faculty Research Award of the College of Computing and Informatics, UNC Charlotte, 2015.
- One of the "25 Women in Robotics You Need to Know About", 2015.
- Winner of the IEEE Robotics and Automation Society Distinguished Service Award, 2016.
- Winner of the IEEE Robotics and Automation Society George Saridis Leadership Award in Robotics and Automation, 2022.

Involvement in CRA Activities

When I was the Director of the PhD Program (2006-2007) and later the Associate Dean for Research (2008-2012) at the College of Computing and Informatics, University of North Carolina at Charlotte, I attend the CRA conference in Snowbird once.

Other Relevant Experience

I served as the Computer Science Panel Chair for NSF Graduate Research Fellowships, 2003 and 2004.

Research Interests

Robotics, including perception-based manipulation and real-time motion planning, AI, haptics.

Personal Statement

As Michael Brady said long time ago, robotics is “the intelligent connection of perception to action”, and AI, a major field in computing research, places a central role in the “intelligent connection” here. Indeed, advances in AI have directly impacted the advances of robotics and its applications, which, in turn, have created some of the grand challenges to computing research. To tackle them requires concerted efforts from academia, industry, and government. I hope to contribute to computing research and CRA with my experience in intelligent robotics and in leading a site of the related NSF Industry/University Cooperation Research Center.



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2023 Board Nominee

Matthias Zwicker

Professor and Chair

University of Maryland, College Park

Awards and Honors and Year Received

Fellowship for postdoctoral researchers, Swiss National Science Foundation, 2004 - 2005.

ETH Medal for Outstanding Dissertation, ETH Zurich, Switzerland, 2004.

Involvement in CRA Activities

CRA academic member since July 2020.

CRA Virtual Conference 2020 attendant.

CRA Virtual New Chairs Workshop 2020 attendant.

Other Relevant Experience

- Professor & Chair, University of Maryland, College of Computer, Math & Natural Sciences, Department of Computer Science. July 1, 2021 - present.
- Associate Editor, IEEE Transactions on Visualization and Computer Graphics. (September 2017 - July 2020).
- Associate Editor, The Visual Computer. (March 2017 - July 2020).
- Papers program co-chair, Eurographics 2010.
- Conference co-chair, Eurographics Symposium on Point-Based Computer Graphics. (2006, 2007, 2008).

Research Interests

computer graphics; 3D computer vision; machine learning; artificial intelligence

Personal Statement

Matthias Zwicker is the Elizabeth Iribe Chair for Innovation and the Phillip H. and Catherine C. Horvitz Professor of Computer Science, and serves as the Chair of the Department of Computer Science at the University of Maryland (UMD). With more than 3,000 Computer Science majors the department is one of the largest nationwide. Dr. Zwicker is passionate about leading the mission to provide educational and research opportunities to a large and diverse student community at a top-ranked public institution, and he is dedicated to fostering excellence, innovation, and inclusion in computing research and education at UMD and beyond.