Career Mentoring Workshop 2024
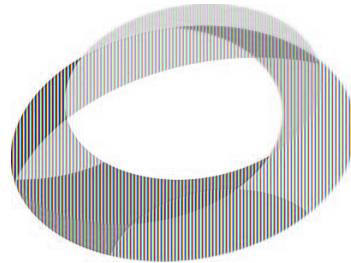
WELCOME

CMW: Research Agenda

View printable PDF

February 22, 2024 (Thursday)

7:00 AM	**Registration**	Columbia/Regency Foyer
7:00 AM	**Breakfast**	Columbia/Regency Foyer
8:15 AM	**Welcome/Overview**	Columbia AB Nancy Amato (University of Illinois Urbana-Champaign) and Tracy Camp (Computing Research Association)

https://cra.org/2024-cra-career-mentoring-workshop/#tab-id-3

Search "2024 CRA Career Mentoring Workshop"

Career **Mentoring Workshop**
2024

Co-chairs

**Ming Lin
UMD**

**Arvind Krishnamurthy
UW**

Executive Director and CEO
Computing Research Association

Emeritus Professor
Colorado School of Mines

CS@Mines

Board Member

CRA
Computing
Association

CRA-WP
Computing Research Association
Widening Participation

Co-Chair

Tracy Camp

Generation CS:
Computer Science Undergraduate Enrollments Surge Since 2006

WHAT WE DO

Our **mission** is to catalyze computing research by joining with industry, government, and academia.

- **Lead** the computing research community

- **Inform** policymakers and the public

- **Champion** a diverse, welcoming, equitable, and socially responsible computing research community

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Computing Research Association

WHO WE ARE
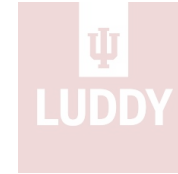
Our membership spans **250+** institutions across industry, government, and academia

CRA PROGRAMMATIC COMMITTEES

CCC
Computing Community Consortium
Catalyst

CRA-E
Computing Research Association
Education

CRA-I
Computing Research Association
Industry

CERP
Computing Research Association
Evaluation

CRA-WP
Computing Research Association
Widening Participation

CRA
Computing Research Association
Government Affairs

CRA relies on many volunteers that serve on its committees,
as well as its professional staff, to carry out its programs.

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CCC
Envision and enable the pursuit of computing research
that aligns with national and global challenges

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CERP
Increase diversity in computing research through data, evaluation, and community engagement

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CRA-E

Ensure a continuous supply of computing researchers

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Increase the success and participation of populations minoritized in computing research

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CRA-I

Convene industry on computing research
topics of mutual interest

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GOVERNMENT AFFAIRS

Advocate and analyze policy
for the computing research community

RECENT EXAMPLES OF CRA'S IMPACT

CIFellows

Leadership Academy for Faculty

WHAT CAN CRA DO FOR YOU?

- Enrichment programs

- Best-in-class events

- Data and insights

- Job advertising and recruiting tools

- Impactful service opportunities

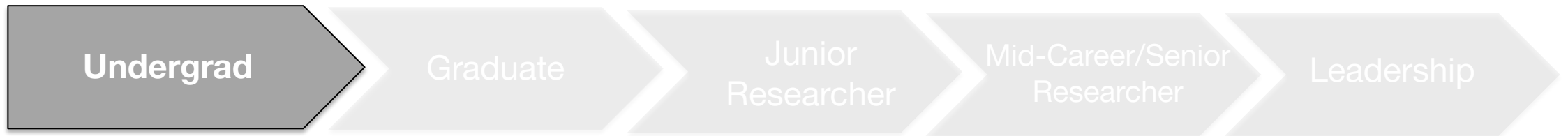- Awards programs

ENRICHMENT PROGRAMS

CRA offers a variety of development opportunities for researchers of all career stages

| Undergrad | Graduate | Junior Researcher | Mid-Career/Senior Researcher | Leadership |

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UR2PhD

Engages more women in CS PhD programs through a virtual, nationally-managed approach

Conquer

Resources for faculty and undergrads interested in research, grad school, and CS research careers

Outstanding Undergrad Researcher Award

Recognizes outstanding research potential in any area of computing research

Deadline: Mid Oct

DREU

Matches students with a faculty mentor for a summer research experience at the faculty mentor's home institution

Deadline: Mar 1

CRA-E Computing Research Association Education

CRA-E Computing Research Association Education

CRA-E Computing Research Association Education

CRA-WP Computing Research Association Widening Participation

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Undergrad	Graduate	Junior Researcher	Mid-Career/Senior Researcher	Leadership
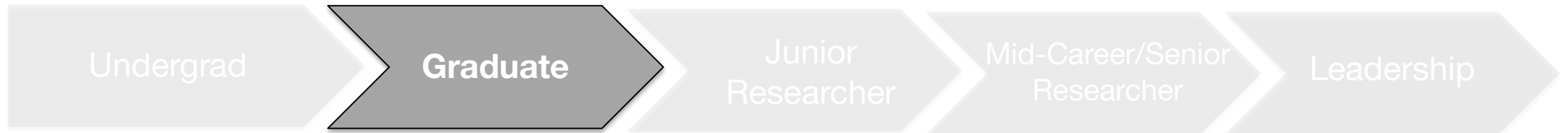
Grad Cohorts

IDEALS and Women Cohorts widen the participation, access, opportunities, and experience of diverse computing research students

Deadline: Nov 30

UR2PhD Mentor Training Program

Training on how to effectively mentor undergrads working on computing research projects in a culturally-responsive manner

CRA-E Graduate Fellows

Opportunities to get involved in CRA-E activities to gain leadership experience

Deadline: Feb 10

CRA PhD Database

Upload your resume/CV, research, and teaching statements for recruiters to access

Taulbee Faculty Salary Data

Benchmark against our salary and demographic data for various computing faculty groups in North America

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Computing Research Association
Widening Participation

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| Undergrad | Graduate | **Junior Researcher** | Mid-Career/Senior Researcher | Leadership |

CRA Career Mentoring Workshop

Provides career advice and mentoring activities for junior researchers in computing

Deadline: Early Dec

Teaching Faculty PD and Careers Workshops

Informs grad students and post-docs about academic teaching career options and professional development workshops for teaching track faculty

Early Career Mentoring Workshops

Provide insight into building collaborations, negotiating, effective teaching, and how to set yourself up for success

Deadline: Mid-Sept

Virtual Roundtables

Opportunities to convene and connect on topics of interest to computing research industry partners

CRA Computing Research Association

CRA-E Computing Research Association Education

CRA-WP Computing Research Association Widening Participation

CRA-I Computing Research Association Industry

ENRICHMENT PROGRAMS

CRA offers a variety of development opportunities for researchers of all career stages

| Undergrad | Graduate | Junior Researcher | Mid-Career/Senior Researcher | Leadership |

Mid-Career Mentoring Workshops

Learn skills on how to prepare for a more senior position, be an effective leader, build collaborations, and start new research initiatives

Deadline: Mid-Sept

CRA-WP
Computing Research Association
Widening Participation

Join CRA-I

Nominate yourself or a colleague to work to increase interaction between industry partners and other organizations involved in computing research

CRA-I
Computing Research Association
Industry

Visioning Workshops

Articulate new research visions, galvanize community interest in those visions, and mobilize support for those visions

CCC
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Congressional Visit Day

Receive training and meet with members of Congress to help make the case for federal support of computing research

CRA
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Government Affairs

ENRICHMENT PROGRAMS

CRA offers a variety of development opportunities for researchers of all career stages

| Undergrad	Graduate	Junior Researcher	Mid-Career/Senior Researcher	**Leadership**
CRA Leadership Academy for Faculty	**CRA New Chairs Workshop**	**Leadership in Science Policy Institute**	**Join CCC**	**CRA Board**
One-day in-person workshop and follow-up virtual meetings to inform and cultivate future leaders in computing research	Hear from experienced chairs and deans, discuss possible solutions to problem scenarios, and interact with fellow chairs	Nominate a member of your department to attend the LiSPI workshop to learn how federal computing research policy is made	Nominate yourself or a colleague to work to catalyze the computing research community and enable the pursuit of innovative, high-impact research	Nominate yourself or a colleague for the CRA Board election slate
	Timeline: July			**Deadline: Fall**

ENRICHMENT PROGRAMS

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| Industry | Graduate | Junior Researcher | Mid-Career/Senior Researcher | Leadership |
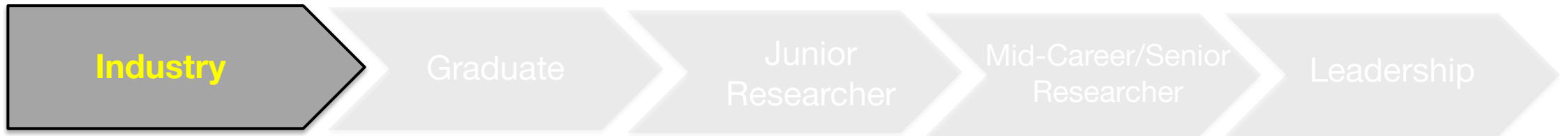
The CSGrad4US Mentoring Program supports and mentors recipients of the NSF CSGrad4US Graduate Fellowship returning to graduate school for a PhD in computing

https://cra.org/csgrad4us/

BEST-IN-CLASS EVENTS

Career Mentoring **Workshop** 2024

Member-exclusive CRA Conference at Snowbird

snowbird

DATA AND INSIGHTS

CERP
Computing Research Association
Evaluation

CRA Taulbee Survey

- The principal source of information on the enrollment, production, and employment of PhDs in several computing fields

- Survey report published annually in May

- Salary information shared in January for those who complete the survey

BPCnet.org

- A clearinghouse for the community to learn about and engage with content related to broadening participation in computing (BPC)

The Data Buddies Project

- Collects data to provide useful insights into student attrition and retention, matriculation into graduate school and research careers, and broadening participation

Evaluation Services

- Evaluate your intervention programs, including BPC related programs, REU sites and supplements

JOB ADS AND FACULTY RECRUITING TOOLS

Did you know?

CRA Job Announcements

- Post an ad for your open roles for computing faculty and/or computing researchers
- More than 800 positions posted by nearly 400 universities and companies in 2022

cra.org/ads

40%

off

CRA Member Discount

CRA PhD Database

- Candidates can upload resumes, research and teaching statements, job objectives, videos, etc.

- Recruiting officers with access can search and contact candidates

cra.org/cv-database

AWARDS PROGRAMS

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Widening Participation

A. Nico Haberman Award

Distinguished Service Award

Outstanding Undergraduate Researcher Award

Service to CRA Award

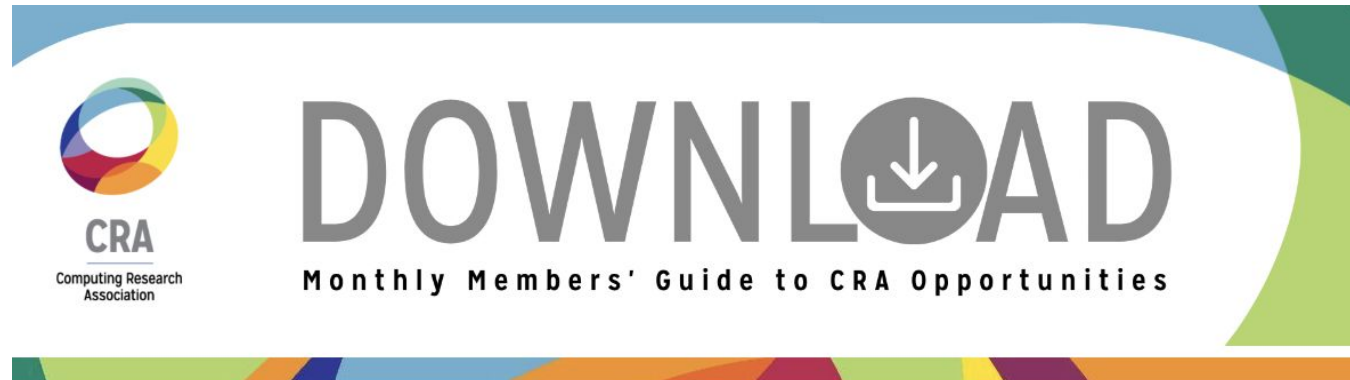**CRA-E Undergraduate Research Faculty Mentoring Award**

CRA-WP Anita Borg Early Career Award

CRA-WP Skip Ellis Early Career Award

STAY INFORMED

CRA Computing Research Association

DOWNLOAD
Monthly Members' Guide to CRA Opportunities

For Ph.D. Students Set to Graduate this Academic Year:

CRA CV Database: Now Accepting Credentials from Graduating PhD Students for the 2023-2024 Recruitment Season!

Want to get noticed for top academic and industrial/government laboratory positions? Upload your materials to the CRA CV Database to maximize your visibility to recruiters. To

For Faculty:

2024 Undergraduate Research Faculty Mentoring Award – Nominations Accepted through November 24

Each year, the CRA-E committee recognizes faculty members who have excelled as undergraduate mentors.

For Graduate Students Minoritized in Tech:

2024 CRA-WP Grad Cohort Workshops: Applications Coming Soon!

The 2024 Grad Cohort Workshop applications will launch soon! Don't miss out on this incredible opportunity to grow, learn, and thrive in a welcoming and supportive

For Early Career Researchers:

Newly Expanded CRA Career Mentoring Workshops Now Accepting Applications

CRA is now accepting applications for its biennial CRA Career Mentoring Workshops (CMWs)! The workshops provide valuable career advice and mentoring activities to people

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Join a specific CRA Committee's Blog