CRA-E Undergraduate Research Faculty Mentoring Award

July 2016

CRA-E's mission is to address society's need for a continuous supply of talented and well-educated computing researchers.

cra.org/crae

What We Do

- Studies on the "pipeline" of domestic students pursuing research and graduate school
- Conquer (http://conquer.cra.org/)
- Recognize excellence in support of the research pipeline
  - CRA Undergraduate Research Award
  - CRA-E Graduate Fellows Program
  - CRA-E Undergraduate Research Faculty Mentoring Award

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cra.conquer.org

CRA Outstanding Undergraduate Researcher Award

- Recognizes excellent undergraduate research
  - Honorable mentions are meaningful to students
- Nomination process is pretty easy
  - Chair/head certification letter
  - Two recommendation letters
  - Describe research the students has done and research potential
- Nominations due **October 24, 2016**

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CRA-E Graduate Fellows Program

- Two graduate students participate in CRA-E activities
- Provides leadership and learning opportunities
- Current Fellows
  - Keith Feldman (Notre Dame)
  - Max Grossman (Rice University)
- Nominations due **January 30, 2017**

CRA-E Undergraduate Research Faculty Mentoring Award

Recognizes faculty who provide exceptional
- mentorship and research experiences for undergraduates
- guidance on admission and matriculation to research-focused graduate programs

Nancy Amato (Texas A&M), 2016 Chair
Barbara Ryder (Virginia Tech), 2017 Chair

Nominations due **November 28, 2016**

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Pieter Abbeel, UC Berkeley

Keys to success
- Early identification of promising students
- Build aspirations and provide individual encouragement
- Emphasize a work-life balance
- Provide ongoing advice about graduate school and help in the application process

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Marie DesJardins, UMBC

Keys to success
- Engaging with students early
- Building teams in which senior students help mentor junior students
- Unconditional support and encouragement
- Stay in touch with mentees beyond their graduation and help them to become effective mentors

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Judy Goldsmith, U of Kentucky

Keys to success
- Special attention to first-gen and URM students
- Find personalized ways to excite students about research
- Research seminar doubles as a mentoring experience
- Teach the importance of professional conduct and engagement

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