

# THE NEED FOR COMMUNITY

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**CCC**

Computing Community Consortium  
Catalyst

# COMPUTING COMMUNITY CONSORTIUM

The **mission** of Computing Research Association's Computing Community Consortium (CCC) is to **catalyze** the computing research community and **enable** the pursuit of innovative, high-impact research.



## Who

- Council – 20 members
- CCC/CRA Staff
- Chair, VC, & Director

Inputs: Bottom-up, Internal, & Top-Down

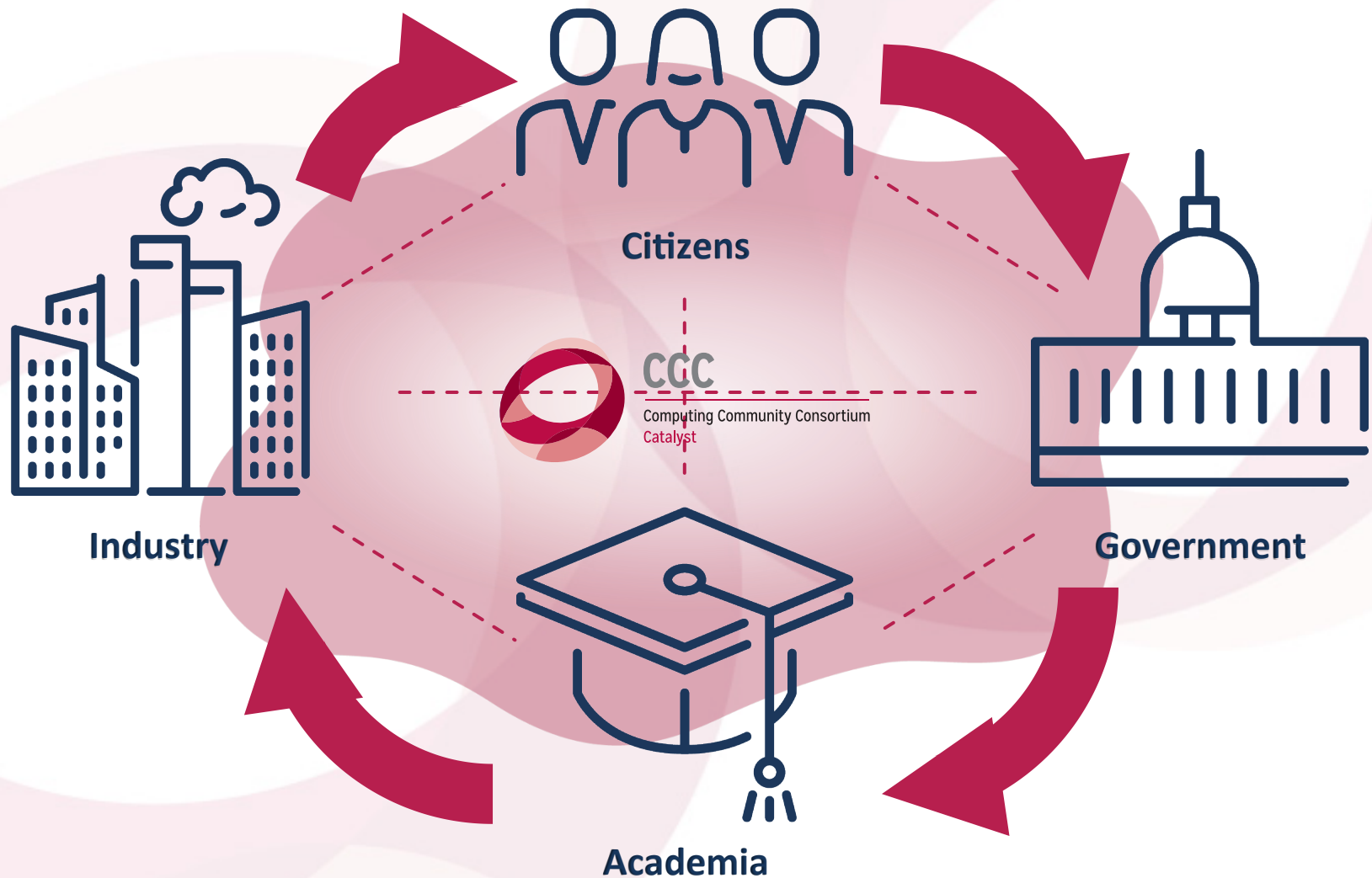
## What:

- Workshops & Conf. Blue Sky Tracks
- Whitepapers & Social Media
- Reports Out (esp. to government)
- Biannual Symposium

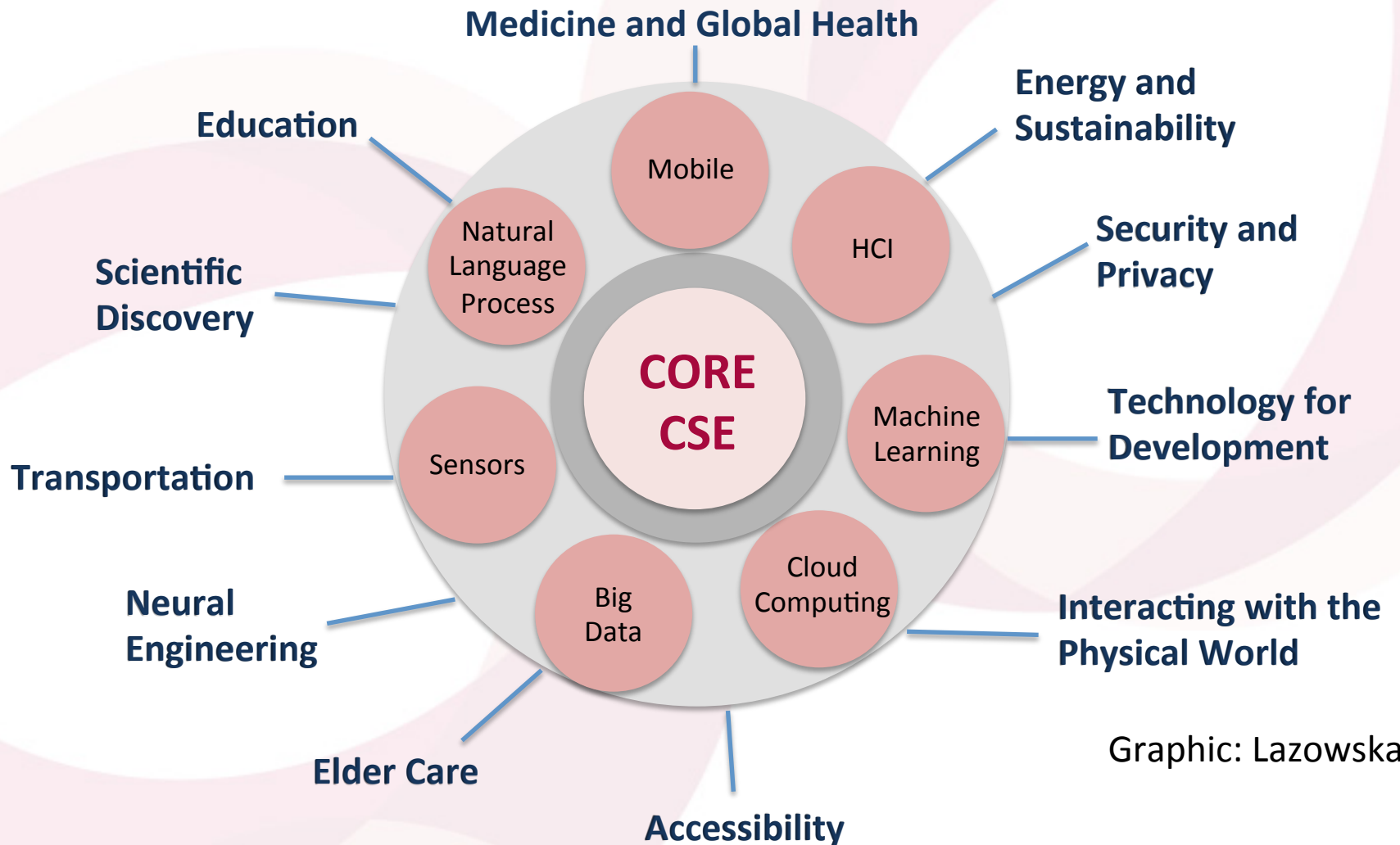
## Professional Development

- Early Career Workshops & Participation
- Council Membership
- Leadership w/ Gov't (LISPI)

# CCC: CATALYZING I.T.'S VIRTUOUS CYCLE



# THE RAPIDLY EXPANDING WORLD OF COMPUTING



Graphic: Lazowska

# NSF'S BIG IDEAS

- Future of Work at the Human-Technology Frontier
  - Building the human-technology partnership
  - Augmenting human performance
  - Illuminating the socio-technological landscape
  - Fostering lifelong learning
- Harnessing the Data Revolution
- Navigating the New Arctic
- Quantum Leap
- Understanding the Rules of Life
- Windows on the Universe



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# RECENT CCC WORKSHOPS

- Computational Support for Substance Use Disorder Prevention, Detection, Treatment, and Recovery
- Assured Autonomy
- Wide Area Data Analytics
- AI Roadmap
- Economics and Fairness
- Misinformation
- Content Generation for Workforce Training
- Using Computational Science and AI to End Modern Slavery
- Identifying Research Challenges in Post Quantum Cryptography Migration
- Thermodynamic Computing



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# HOW CAN YOU GET INVOLVED?

- Reach out to the CCC with your ideas!
  - Email CCC Director Ann Schwartz Drobniš ([adrobniš@cra.org](mailto:adrobniš@cra.org))
  - Come to a CCC visioning workshop  
(See upcoming events: <https://cra.org/ccc/events/>)
- Tell your community about CCC!
  - RFP posted at the beginning of each year, please share
  - Have a colleague who you would recommend for a visioning workshop? Let Ann know!
  - Read (or contribute to) the CCC blog (<http://www.cccblogger.org>)
  - Listen to (or appear as a guest on) the CCC podcast (<https://cra.org/ccc/podcast/>)



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