

# Computer science is unique in its impact and importance



- Computer science has a rich intellectual agenda
- Advances in CS accelerate the pace of discovery in nearly all other fields
- Advances in CS drive economic growth
  - Not just through the growth of the IT industry, but through productivity growth across the entire economy
- Advances in CS touch everyone's lives - they change the way we live, work, learn, and communicate
- Advances in CS are inextricably linked to our ability to address our major national and global challenges
- Advances in CS have major public policy implications
  - Ranging from e-voting and identity management to the nature and global spread of democracy
- "Computational Thinking" is essential for all 21<sup>st</sup> century citizens!





