

# Srinivas Aluru

Regents' Professor and Executive Director  
Georgia Institute of Technology



## Recent Awards and Honors

- Fellow of AAAS (2010), ACM (2020), IEEE (2010), and SIAM (2020)
- IEEE Computer Society Meritorious Service Award (2015)
- IEEE Computer Society Golden Core (2015)
- Outstanding Faculty Leadership Award, College of Computing, Georgia Institute of Technology (2023)
- Outstanding Achievement in Research Program Development Award, Georgia Institute of Technology (2019)

## Involvement in CRA Activities

- Attended CRA Snowbird meeting (virtual due to Covid) as Interim Chair of the School of Computational Science and Engineering, Georgia Institute of Technology (2020)
- Partnered with CRA to execute the South Big Data Hub Industry-Academic Early Career Collaboration Program (funded by CRA; 2016)
- Presented invited talk titled "High performance computing for biology and medicine" at the CCC Workshop on Digital Computing Beyond Moore's Law, San Francisco, May 3, 2018

## Other Relevant Experience

- Executive Director, Institute for Data Engineering and Science, Georgia Institute of Technology (2016-present)
- Interim Chair, School of Computational Science and Engineering, Georgia Institute of Technology (June 2019 - Aug 2020)
- Chair, Bioinformatics and Computational Biology Program, Iowa State University (2005 - 2007)
- Editor-in-Chief, ACM/IEEE Transactions on Computational Biology and Bioinformatics (2021-present)
- Chair, ACM Special Interest Group on Bioinformatics, Computational Biology, and Biomedical Informatics (SIGBIO; 2015-2021)

## Research Interests

- High performance computing, data science, bioinformatics and computational biology, combinatorial scientific computing, and applied artificial intelligence and machine learning

## Personal Statement

I have nearly 30 years of experience as faculty in academia during which I also served in various administrative positions on both the academic and research sides. Nationally, I co-led the South Big Data Regional Innovation Hub, and contributed to OSTP, NITRD, NIH and DOE strategic planning workshops. As CRA Board member, my interests lie in shaping future research vision for computing in the age of ubiquitous AI, ensuring U.S. preeminence and competitiveness, promoting academia-industry and academia-national labs collaborations, promoting research and supporting education in frontier areas at HBCUs and MSIs, and advocating for computing research with policy makers.