Undergraduate
364 CS majors graduated in 2021

Graduate
85 enrolled in PhD in CS
60 enrolled in MS in CS
39 enrolled in MS in Economics & Computation

FACULTY AND RESEARCH

37 Primary Faculty
28 Secondary Faculty

$4.2M+
2021 Research Expenditure

Research Areas cs.duke.edu/research

- Artificial Intelligence
- Computation + X
- Computer Science Education
- Data Science
- Systems
- Theoretical Computer Science

NEW COMPUTER SCIENCE FACULTY

Bhuwan Dhingra (2021) NLP
Brandon Fain (2020) Education
Matt Lentz (2021) Systems
Kartik Nayak (2019) Security
Michael Reiter (2021) Security
Ben Rossman (2020) Theory
Nicki Washington (2020) Education
Lisa Wills (2019) Architecture
Sam Wiseman (2021) NLP
Fan Zhang (2021) Security
Danyang Zhuo (2020) Systems
THE FACULTY

FACULTY BY THE NUMBERS

37 Primary Faculty

By track/rank:
- 6 Prof. of the Practice & Lecturers
- 16 Full Professors
- 8 Assistant Professors
- 7 Associate Professors

By gender:
- 28 Men
- 9 Women

FACULTY DISTINCTIONS

2 National Academy of Engineering (NAE) Members
9 Association for Computing Machinery (ACM) Fellows
5 Institute of Electrical and Electronics Engineers (IEEE) Fellows
2 American Association for the Advancement of Science (AAAS) Fellows
2 Association for the Advancement of Artificial Intelligence (AAAI) Fellows
7 Sloan Foundation Research Fellows
15 National Science Foundation (NSF) Career Awards

Professor Cynthia Rudin won the 2022 $1M Squirrel AI Award for Artificial Intelligence for the Benefit of Humanity from the Association for the Advancement of AI (AAAI). This award recognizes Rudin for her pioneering scientific work in the area of interpretable and transparent AI systems in real-world deployments, advocacy in highly sensitive areas, and serving as a role model.

Professor Robert Calderbank was selected as a 2021 SIAM Fellow, one of the highest honors of the Society for Industrial and Applied Mathematics. This distinction recognizes Calderbank’s deep contributions to information theory, in addition to his exemplary research and outstanding service to the community.
Graduated in 2021

Flexible Pathways:
- **Major concentrations** — AI/ML, Data Science, Software Systems
- **Interdepartmental majors** — Data Science + Math/Stats, Linguistics + CS, Computational Media
- **Interdepartmental minors** — CS, Computational Biology

CS Degrees Awarded by Year:

- 364 CS majors
- 71 CS minors

- **Most popular double majors with CS**: Elec. Comp. Eng., Math, Econ, Stats
- **Most popular minors to go with CS**: Econ, Psychology, Math, Stats
- **Most popular majors with CS minor**: Econ, Mech. Eng., Public Policy, Stats, Biology

Demographic Trends:

- Gender: Men > Women
- Race: White > Asian > African Diaspora / Black > Not Indicated
- Ethnicity: Native Hawaiian / Other Pacific Islander > Native American / Alaskan Native > Hispanic / Latinx

For more information, visit cs.duke.edu/undergrad
BEYOND THE CLASSROOM

104 CS majors participated in 2021 Summer Plus Programs
- CS+ research projects in the CS department
- Code+ software development projects with Office of Information Technology
- Data+ Interdisciplinary data science projects with the Rhodes Information Initiative at Duke

86 CS women in the Class of 2021 were in DTech
- DTech (Duke Technology Scholars Program) empowers the next generation of diverse leaders
- 400+ women participated in DTech since its founding in 2016

15 Graduation with Distinction Awards.

9 Computing Research Association (CRA) Awards for Undergraduate Research:
- 6 Honorable Mentions: Rohith Kuditipudi, Jerry Liu, Liang Lyu, Zeyu Shen, Yikai Wu, Frederick Xu.
- 1 Runner-Up Award: Norah Xinyu Tan.


1 Marshall Scholar: Yasa Baig.

1 Eisenhower Global Scholar: Swathi Ramprasad.

1 Schwarzman Scholar: Kevin Zheng.

All CS majors are welcome in the CS Student Union.

We’re looking to train next-generation leaders who can really make their impact felt across society: visionary individuals who are energized by thinking about the broad implications of computing.

- Jun Yang, Duke Computer Science Chair

UNDERGRADUATE AWARDS 2019-2021

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THE GRADUATE EXPERIENCE

For more information, visit cs.duke.edu/graduate

GRADUATE ENROLLMENT 2021

<table>
<thead>
<tr>
<th>Women</th>
<th>Men</th>
</tr>
</thead>
<tbody>
<tr>
<td>PhD Students</td>
<td>50 Women</td>
</tr>
<tr>
<td>Master's Students</td>
<td>60 MS Computer Science</td>
</tr>
</tbody>
</table>

GRADUATE DEMOGRAPHICS

PhD Students
- Men
- Women

Master's Students
- Men
- Women

Master's students include: MS in Computer Science (MSCS) + MS in Economics and Computation (MSEC).
**ADMISSIONS**

**PhD:** 15.7% accepted out of 413 applicants  
**MSCS:** 20.7% accepted out of 738 applicants  
**MSEC:** 34.3% accepted out of 143 applicants

**PhD STATISTICS**

**Completion Rate:**

- 71% Received PhDs
- 22% Received Master's
- 7% Other

**Completion Time:**

- Duke Median (2015-2020): 5.7 years
- US National Median: 5.8 years

**RECENT GRADUATE FELLOWSHIPS**

- **NSF Graduate Research Fellowship:** Vikram Aikat  
- **DOD NDSEG Fellowship:** Barrett Ames  
- **Google Graduate Fellowship:** Yuan Deng  
- **Facebook PhD Fellowship:** David Pujol

**ACADEMIC PLACEMENTS**

Postdoctoral associates and PhDs who recently accepted faculty positions:

- **Michael Albert:** UVA  
- **Hsien-Chih Chang:** Dartmouth  
- **Yu Cheng:** UI Chicago  
- **Rupert Freeman:** UVA  
- **Xi He:** U Waterloo  
- **Seyed Zahedi:** U Waterloo  
- **Nathan Kell:** Denison Univ.  
- **Xiao Hu:** U Waterloo  
- **Amir Gilad:** Hebrew Univ.  
- **Chaofan Chen:** U Maine  
- **Tianyu Wang:** Fudan Univ.  
- **Marco Morucci:** NYU
ACADEMIC PROGRAMS

Undergraduate
  cs.duke.edu/undergraduate
Graduate
  cs.duke.edu/graduate

RESEARCH AREAS

Artificial Intelligence
  cs.duke.edu/research/artificialintelligence
Computation + X
  cs.duke.edu/research/computationplusx
Computer Science Education
  cs.duke.edu/research/compscieducation
Data Science
  cs.duke.edu/research/datascience
Systems
  cs.duke.edu/research/systems
Theoretical Computer Science
  cs.duke.edu/research/theory-algorithms

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