Welcome Argonne Faculty
College of Computing
Started June 2020

Vision: Become the leading creator of computational talent, knowledge and innovation for Chicago and beyond.

Mission: Provide the students and faculty of Illinois Tech from all backgrounds and disciplines the best-in-class computational and data science platform to excel in academics and research in their respective fields.
Departments

- **Computer Science** - Shlomo Argamon, Chair
  - High Performance Computing, AI/ML, Cybersecurity, software engineering, networking

- **Mathematics** – Chun Liu, Chair
  - Mathematical Finance/FinTech, Computational Science, Optimization, Statistics, Data Science

- **Information Technology and Management** – Calvin Nobles, Chair
  - Cybersecurity, Cloud, software development, IT Management

- **Industrial Technology and Management** – Pam Houser, Interim Director
  - Manufacturing, Supply Chain, Facilities, Construction
## Pillars

<table>
<thead>
<tr>
<th>Pillar</th>
<th>Description</th>
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<tbody>
<tr>
<td>Grow Tech</td>
<td>Play a leading role in growing the tech community both locally and globally through education and research.</td>
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<td>Infuse</td>
<td>Computing as a horizontal: Infuse computing education, research, tools and ideas into nearly every discipline, course and activity across campus</td>
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<td>All Students</td>
<td>To paraphrase Frank Gunsaulus’s founding mission for the university: Provide every student, from all backgrounds, meaningful roles in a changing technological society</td>
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Partnerships

- Chicago - Government, P33, DPI, MxD, mHub, 1871
- Universities
  - Northwestern, U. Chicago, UIC
  - Medical: Rush, Rosalind-Franklin
  - Community Colleges: Olive-Harvey, Wright, Malcolm X
  - HBCUs: Rust College
- Companies – Accenture, Motorola, Siemens, DMG Mori
- National Labs – Argonne, Fermilab, Oak Ridge
- Federal – Military, DHS, NSF
- Board of Advisors
Argonne Partnerships

- Joint research projects
- Joint appointments
  - Research and funding opportunities
  - Teaching opportunities
- Access to Argonne and Illinois Tech facilities
- Argonne-Illinois Tech Institute