DARTMOUTH

Council on Computing
ANNUAL REPORT
FOR AY 23-24

Membership:

School, Department, Office represented:	Membership:	Name:
Tuck	Tuck faculty member	Adam Kleinbaum*
A&S	Sciences faculty member	Feng Fu
A&S	Sciences faculty member	Olga Zhaxybayeva
A&S	Arts & Humanities faculty	Chad Elias
A&S	Arts & Humanities faculty	Jacqueline Wernimont
A&S	Social Sciences faculty member	Sean Westwood
A&S	Social Sciences faculty member	Xun Shi
A&S	Dean of Faculty (or representative)	Jane Lipson
Executive Vice President	Executive Vice President (or representative)	Dianne Ingalls
Finance & Administration	Chief Financial Officer (or representative)	Dianne Ingalls
Geisel	Geisel faculty member	Nicholas C. Jacobson
Geisel	Geisel IT Director	Steve McAllister
Guarini	Graduate Student	Sam Lensgraf
Information Technology	VP/CIO	Mitch Davis
Information Technology	Computing Services	Maureen Hennigan
Information Technology	Computing Services	Joe Doucet
Information Technology	Computing Services	Adrian Meehan
Information Technology	Computing Services	Christian Darabos
Library	Dean of Libraries (or representative)	Sue Mehrer
Library	Associate Dean of Libraries	Daniel Chamberlain
Provost	Provost (or representative)	Dean Madden
Provost	Digital and Online Learning	Erin DeSilva
Student Affairs	Dean of the College (or representative)	Amy Hunt
Thayer	Thayer faculty member	Geoffroy Hautier
Thayer	Thayer IT Director	Mark Franklin
Tuck	Tuck IT Director	Geoff Bronner
Tuck	Incoming Tuck IT Director	Loren Hudson
Student Affairs	Undergraduate Student	Anthony Fosu '24

*Denotes Council Chair

Please submit to Office.of.the.Provost@dartmouth.edu by **June 7, 2024**

DARTMOUTH

Charge as described in the Organization of the General Faculty of Dartmouth College (OGFDC):
1. To advise and consult with the VP/CIO on technology issues, services, standards, policies, and priorities that affect the faculty, students and staff of Dartmouth College.
2. To advise and consult with the VP/CIO on developing appropriate communication channels to Dartmouth faculty, students, and staff so that the Dartmouth constituencies are informed about information technology issues, and Computing Services has a variety of channels where concerns can be raised.
3. To advise the General Faculty, the officers of administration, and the Board of Trustees on questions of information technology policy.
4. To submit a report to the General Faculty at the end of each academic year.

Number of meetings during the past academic year:

The Council on Computing has a regular cadence of one meeting in each academic term, or three meetings in the 2023-24 academic year.

Activities for the past academic year, and how they address the charge of the council:

During AY 2023-24, the Council on Computing continued to build on the progress made in the previous year. Key activities included:

- Improved communication technologies, including:
  - WiFi Access on the Green: Installation of WiFi access points on lamp posts around the Green, providing wireless internet access to 500-600 simultaneous users. This initiative was driven by student government efforts.
  - Cell Phone Service: Exploration of options to improve poor cell service in Hanover, including a private 5G network or a new AT&T cell tower on campus. Community feedback will be gathered before moving forward.
- Numerous topics related to artificial intelligence:
  - AI Guidance: Draft guidance focused on supporting responsible AI use by faculty, students, and staff. Feedback will be gathered from stakeholders before finalizing.
  - AI in Teaching and Research: Development of resources to support faculty interested in AI, with assistance from Research Computing. The Provost convened a working group on AI in teaching and learning.
  - AI Embedded in ITC Services: Discussion on AI's increasing presence in services like email and network security, raising questions about data privacy, governance, and vendor relationships.
  - AI Energy Use: Examination of the complexity of assessing campus AI energy consumption, involving on-premise systems, cloud services, and vendor hardware/training costs. Further study is needed.

Please submit to Office.of.the.Provost@dartmouth.edu by **June 7, 2024**

DARTMOUTH

Key insights or recommendations:

It is clear that artificial intelligence poses an important and rapidly evolving opportunity, in terms of its impact on all that we do. We will continue to monitor and discuss AI and our response to it as an interdisciplinary group of faculty, students, and technologists.

Recommended topics for the council to consider in the coming year:

- Faculty tech support model: In recent years, tech support for faculty has shifted from a dedicated support person model to a more efficient, centralized model, at the expense of the tech support experience in some faculty areas. We hope to explore how to prioritize the quality of faculty tech support within the existing budget.
- AI and LLMs: As AI and large language models continue to evolve, they are likely to re-emerge as a topic for further consideration by the Council.
- Outcomes of the external ITC services review: To evaluate findings and recommendations for improving ITC services.
- Progress on the student computing device initiative: To monitor the rollout and assess impacts on equitable access.
- Updates on the AI infrastructure and support implementation: To ensure it is meeting campus needs for AI capabilities.
- Continued classroom technology enhancements: To support effective teaching and learning experiences.
- Quantum Computing: Postponed from the previous year, this topic should be considered in the next academic year.
- ERP system: Ongoing evaluation of plans to replace this critical system, which is approaching its end of life.
- Council's Name and Charge: As our scope has grown to cover more than just computing, it may be appropriate to consider a change to the name and the charge of the Council on Computing.

Report Completion Date: June 6, 2024

Please submit to Office.of.the.Provost@dartmouth.edu by **June 7, 2024**