



# The Institute for Security, Technology and Society (ISTS)

## Request for Proposals

ISTS seeks multidisciplinary proposals from Dartmouth faculty (tenure-track, tenured, and research faculty) for highly innovative and potentially groundbreaking research on cybersecurity.

Since its formation in 1999, ISTS has generated cutting edge research in a wide variety of fields including insider threat detection, protecting critical infrastructure (e.g. energy), securing wearable devices, understanding the behaviors that increase cyber vulnerability, and developing methods to analyze software for vulnerabilities.

As ISTS enters its 20<sup>th</sup> year, we seek to identify high impact interdisciplinary research that will secure our digital future. Cybersecurity research now spans a wide variety of fields ranging from connected energy systems, transportation systems, medical devices, social network platforms and more. Policies and governance of cyberspace is also important. Successful proposals will have the potential to establish Dartmouth as a leader in a new area of cybersecurity, drawing external acclaim and funding. Successful proposals will highlight not only the novelty of the approach, but also include a clear statement of how the research will advance the state-of-the art as well as have a substantial positive societal impact. ISTS will provide administrative assistance to PIs of successful proposals in writing grant proposals to external agencies.

**Eligibility** Proposals must be led by a multidisciplinary team of two or more (tenure-track or tenured) Dartmouth faculty. One faculty member must be a researcher with contributions to cybersecurity, while the other must be a researcher whose principal research is not in cybersecurity. The ISTS Director may not be part of any proposal.

**Awards** Proposals may request a maximum of \$80K for a one-year period. Because this is internal Dartmouth funding, there will be no overhead charges. No faculty salary support will be provided. A typical proposal will support one PhD student with limited travel support. Postdoc support will also be considered but the total requested cannot exceed \$80K.

**Proposal Format:** Each proposal must be at most 3 pages long in 11-point Times New Roman font with 1-inch margins. Proposals must be in PDF format. Each proposal must have a crisp statement of the problem being solved, a brief summary of why the project is visionary and might have a potentially high impact, and a summary establishing feasibility of the technical approach. The PIs should include their email addresses as well a link to their webpages. Proposals should be emailed to [Julie.B.Gilman@dartmouth.edu](mailto:Julie.B.Gilman@dartmouth.edu).

### Important Dates of Note:

April 7, 2019: Midnight Eastern time – Proposals due.

May 15, 2019: Notification of results

July 1, 2019: Start date