ICTAS Junior Faculty Award Request for Proposals
For Fiscal Year 2019 (July 2018-June 2019) Funding
(JFA-RFP)

ICTAS is soliciting interdisciplinary white papers from Virginia Tech faculty for a funding opportunity with anticipated support beginning July 1st, 2018 (FY 2019). Proposals will demonstrate an interdisciplinary, collaborative research relationship between the PI, a junior faculty member at VT, and other VT faculty members. ICTAS is requesting a 4-page (maximum) proposal for panel review and subsequent consideration for funding. ICTAS intends to award up to 10 awards of up to $80K total over two years ($40K per year for each year).

Principal Investigators (PIs)
PIs must be either 1) non-tenured, tenure track faculty member or 2) AP or research faculty appointed at Virginia Tech after February 1st, 2014. There is a limit of one white paper submission per PI. Faculty who served as a PI on a funded JFA in past years are not eligible.

Co-PIs
Co-PIs may be any VT faculty member. Faculty may act as Co-PI on multiple proposals and awards and a PI on one proposal may be a Co-PI on another. It is acceptable to have additional Co-PIs external to VT, however, external Co-PIs may not receive funding from VT and there must be at least two faculty members from VT participating.

Interdisciplinary Research
The PI and Co-PIs should be from different academic disciplines. Faculty members with the same or similar terminal degrees, from the same department, or from markedly similar disciplines must describe the interdisciplinary nature of the proposed research well.

Research Topics
Proposal topics must be aligned with one or more of the following Destination Areas (Data and Decisions, Integrated Security, Global Systems Science, Intelligent Infrastructure for Human-Centered Communities, and Adaptive Brain and Behavior) or Strategic Growth Areas (Economic and Sustainable Materials). Clearly identify the Destination Area or Strategic Growth areas addressed in the proposal.
Funding
Awards are for a maximum amount of $40K per year with funding in the second year contingent on demonstration of satisfactory technical performance and scholarship at our annual review and availability of resources. Faculty salary must not be included in the proposed budget. The proposal will not include overhead, so all funds should be budgeted as direct costs. Typically funds are used for GRA stipends and tuition, supplies and required travel. Equipment purchases are typically not approved, but may be requested on a case by case basis. **There will be no transfer of funds to external partners.**

Proposal Submission
Submit a PDF copy of your proposal by email to ictasrfp@vt.edu no later than **5pm Wednesday January 31st, 2018**. You will receive an acknowledgement the proposal has been received. If you do not receive the acknowledgement, check the email address and try again. If there is still no acknowledgement, contact Jon Greene, greenej@vt.edu.

Proposals should be submitted in 11 point font or larger, single spaced with 1" margins. Figures must be legible.

In the body of the email, include:
1. Proposal Title
2. PI
3. Co-PI
4. Destination Area/Strategic Growth Area (may list up to 2)
5. Budget requested and proposed use (i.e. $40k total with $35k for GRA stipend and tuition, $4k for supplies, and $1k for travel)

Attach a PDF proposal of not more than four pages with the following sections:
1. Proposal Title
2. ½ page abstract (does not count toward page count)
3. Statement of Problem and Proposed Solution
4. Proposed Research and Differentiating Technical Approach
5. Interdisciplinary Approach and Potential Benefit to ICTAS Mission
6. Plan for external funding
7. References (does not count toward proposal page count)
8. A standard NSF or NIH biosketch for PI and all Co-PIs that includes current funding (this does not count toward proposal page count)

Note: Items 3-6 above count toward the 4-page limit.

Past awards in the ICTAS Seed RFP may be found at: **http://www.ictas.vt.edu/research/pastAwards.php**
Review Process
There will be a two part review process.

1. ICTAS faculty will review the proposals using the following criteria:
   a. Does the PI meet the eligibility criteria?
   b. Does the proposal make a credible case for potential external funding?
   c. Does the proposal clearly align with one of the Destination Areas or Strategic Growth Areas listed above?
   d. Are the participating faculty members from different academic disciplines or have they made a convincing case for the interdisciplinarity of the research?
   e. Does the proposal make a credible case that this research has potential to make a positive impact on society?

2. Qualifying proposals will then be reviewed by NSF style panels formed around the Destination Areas or Strategic Growth Areas listed above. PIs should identify any potential reviewer conflicts upon submission.

Selection criteria:
- Most Important:
  - Potential for external funding
- Second level of importance:
  - Cutting edge science and technology
- Third level of importance:
  - Clear research objectives and plan
  - Clear association with one or more of the Destination Areas or Strategic Growth Areas
  - "Degree of Interdisciplinarity" (evidence of real collaboration between VT faculty members of diverse disciplines)
- Additionally, reviewers will consider:
  - Reasonable link between requested funds (budget details) and proposed outcome
  - The specific role of team members must be clearly defined along with a statement defining the interdisciplinary contributions of the team
  - Probability and impact of success

Panel review process will emulate the standard NSF style with rankings of Excellent, Very Good, Good, Fair, and Poor

Rankings will be tabulated for each panel for consideration and recommendation for funding by ICTAS.
Awards
Funding decisions will be announced on or about March 1, 2018. Review panel feedback will be provided on request.

Questions/advice? Please Contact: Jon Greene, 540-231-8566, greenej@vt.edu