

## Concept Paper for Jeffress Trust Awards Program in Interdisciplinary Research

The Jeffress Trust awards support high impact, innovative one-year projects that integrate computational and quantitative scientific methodologies across a broad range of scientific disciplines.

**Concept Papers due to the Office of Research: by 5 p.m. on Wednesday, November 11, 2015.**

**Proposals due to Jeffress: January 8, 2016**

**CONCEPT PAPERS MUST BE SUBMITTED TO LimitedSubmissions@odu.edu TO BE CONSIDERED.**

**Link to Jeffress Trust guidelines to help with concept paper preparation:**

<http://hria.org/tmfservices/tmfgrants/jeffress.html>

**Concept papers should address the following areas:**

1. Description of the project (1 single-spaced page). See below for the **\*\*Award Selection Criteria** and **Research Project Criteria**.
2. Abbreviated CV of PI
3. List of collaborators and their affiliations
4. One page or less showing how you meet the eligibility criteria:
  - a) One-year pilot studies (max \$100,000) that support high impact, innovative one-year projects that integrate computational and quantitative scientific methodologies across a broad range of scientific disciplines: **astronomy, biosciences, chemistry, computer sciences, engineering, environmental sciences, material science, mathematics and physics**. *Research in social, economic and behavioral sciences, including psychology, are currently outside the scope of Jeffress funding.*
  - b) Applicants must be **full-time faculty at a nonprofit academic or research institution in Virginia**. Faculty with primary appointments from medical schools and schools of Osteopathic Medicine in Virginia are not eligible to receive this Award as Principal Investigators. However, they may receive funding as Co-investigators working in collaboration with faculty who do not hold a primary medical school appointment and are strongly encouraged to participate in this interdisciplinary Award. **Applications will be accepted from investigators who are within seven years of their first faculty appointment as of funding start date.** Eligible candidates will have received this appointment on or between July 1, 2009 and June 30, 2016.
  - c) Proof of Undergraduate Student Participation. **A proportion of the Award is *required* to be allotted towards funding *undergraduate* student research support.** The Jeffress Memorial Trust is dedicated towards inspiring young creative minds that will contribute to the future scientific research workforce in Virginia. Justified graduate student support may be considered on a case by case basis.

### **\*\*Award Selection Criteria**

The Scientific Review Committee uses the following criteria to evaluate applications:

- Project's scientific merit, impact and innovation exploiting computational and quantitative strategies.
- Qualifications of applicant and Co-investigators (if applicable) to carry out the proposed research.
- Research objectives, methodology, data collection and data analyses that are feasible and appropriate to meet the project's goals; Inclusion and presentation of supportive mathematical models in quantitative strategies.
- Evaluation of detailed plans for Undergraduate Student Research opportunities in the proposed project.

### **\*\* Research Project Criteria**

The Jeffress Trust awards support high impact, innovative projects that integrate computational and quantitative scientific methodologies across a broad range of scientific and engineering disciplines. While state-of-the-art computational methodologies must be employed, they are not required to be novel. However, high impact, innovative and creative applications are highly encouraged.

The research areas that are currently eligible for Jeffress support include astronomy, biosciences, chemistry, computer sciences, engineering, environmental sciences, material science, mathematics and physics. *Currently, research in social, economic and behavioral sciences, including psychology, are outside the scope of Jeffress funding.*