



NATIONAL SCIENCE FOUNDATION  
4201 WILSON BOULEVARD  
ARLINGTON, VIRGINIA 22230

NSF 15-017

## Dear Colleague Letter: Computing About the Ebola Virus

---

November 13, 2014

Dear Colleague:

This Dear Colleague Letter (DCL) follows a recent National Science Foundation (NSF) DCL ([NSF 15-006](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf15006), [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf15006](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf15006)) that referred to the emergence of the lethal Ebola virus in the US and expressed NSF's interest in proposals to conduct non-medical, non-clinical care research that can be used immediately to better understand how to model and understand the spread of Ebola; educate about prophylactic behaviors; and encourage the development of products, processes, and learning that can address this global challenge.

In that DCL, NSF invited researchers to use the Rapid Response Research (RAPID) funding mechanism, which allows NSF to receive and review proposals having a severe urgency with regard to availability of, or access to, data, facilities or specialized equipment, as well as quick-response research on natural or anthropogenic disasters and similar unanticipated events.

The NSF Division of Advanced Cyberinfrastructure (ACI) is particularly interested in proposals that include software development activities, such as those that would be funded by the Computational and Data-Enabled Science and Engineering (CDS&E, [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=504813](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504813)) or Software Structure for Sustained Innovation (SI2, [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf14520](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf14520)) programs, along with the use of petascale computing on Blue Waters, such as that which would be funded by the Petascale Computing Resource Allocations (PRAC, [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf14518](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf14518)) program. ACI encourages such submissions through this DCL.

Complete guidance on submitting a RAPID proposal may be found in the NSF *Grant Proposal Guide* (GPG): [http://www.nsf.gov/pubs/policydocs/pappguide/nsf14001/gpg\\_2.jsp#IID1](http://www.nsf.gov/pubs/policydocs/pappguide/nsf14001/gpg_2.jsp#IID1).

Questions about this specific DCL should be addressed to:

Daniel S. Katz, [dkatz@nsf.gov](mailto:dkatz@nsf.gov) or Rudolf Eigenmann, [reigenma@nsf.gov](mailto:reigenma@nsf.gov).

Sincerely,

C. Suzanne Iacono  
Acting Assistant Director  
Directorate for Computer and Information Science and Engineering