

Proposal: 1829794

Agency

Agency Name:

National Science Foundation

Application

Agency Tracking Number:

1829794

Project Title:

CyberTraining: CIC: Cross-Disciplinary Education for Next-Generation Computational Scientists

Requested Amount:

\$499,783

Received Date:

02/14/2018

PI/PD:

Fred Hickernell

Co-PD(s)/Co-PI(s):

Jeffery Wereszczynski

David Minh

Sou-Cheng Choi

Xian-He Sun

Authorized Representative:

Domenica G Pappas

Submitting Institution:

Illinois Institute of Technology

Program

Program Title:

CyberTraining - Training-based Workforce Development for Advanced Cyberinfrastructure

Program Code:

044Y

Funding Opportunity Number:

NSF 18-516

Division/Area of Science:

Office of Advanced Cyberinfrastructure (OAC)

Program Contact Name:

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OverDue Reports

Our records indicate that the following Final Project Report(s) and/or Annual Report(s) and/or Project Outcomes Report are due or overdue for the Award(s) listed below. Please submit the report(s) as soon as possible using the Project Reports link within Research.gov. The report(s) will be considered overdue if not submitted by the report overdue date mentioned for each r

Having an overdue project report will affect/delay NSF actions on any other award related to the PI/Co-PI:

Award Number	Report Type	PI/co-PI	Ending Period	Status of Project Report
1522687	Project Outcomes Report	Fred Hickernell	07/31/2018	Due
1338078	Project Outcomes Report	Xian-He Sun	09/30/2018	Due
1536079	Project Outcomes Report	Xian-He Sun	07/31/2018	Due
1522687	Final Project Report	Fred Hickernell	07/31/2018	Due
1338078	Final Project Report	Xian-He Sun	09/30/2018	Due

1536079	Final Project Report	Xian-He Sun	07/31/2018	Due
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Application Status History

Status	Status Date
Declined	08/13/2018

Review Information

Please note: The Sponsored Projects Office (or equivalent) at the submitting organization is NOT given the capability to read the below review information.

Panel Summary

Panel Summary	Release Date
Panel Summary #1	08/09/2018

Proposal Review Summary of All Reviews

Review	Release Date
Proposal Review #5	08/09/2018
Proposal Review #4	08/09/2018
Proposal Review #3	08/09/2018
Proposal Review #2	08/09/2018
Proposal Review #1	08/09/2018

Context Statement

The overarching goal of Training-based Workforce Development for Advanced Cyberinfrastructure (CyberTraining) solicitation (NSF 18-516) is to prepare, nurture and grow the national science and engineering workforce for creating, utilizing, and supporting advanced cyberinfrastructure (CI) that enables cutting-edge science and engineering and contributes to the Nation's overall economic competitiveness and security. This solicitation called for developing innovative, scalable training programs to address the emerging needs and unresolved bottlenecks in scientific and engineering workforce development of targeted, multidisciplinary communities, at the postsecondary level and beyond, leading to transformative changes in the state of workforce preparation for advanced CI in the short and long terms.

The CyberTraining program reviewed 55 projects; four onsite panels of experts considered the proposals. At least three reviewers provided independent reviews on each proposal prior to panel meeting at which the proposal was to be considered. External Ad-hoc reviews from domain experts were also collected as appropriate. With the funds available to this program and possible co-funding from related programs, approximately 25-30% of the proposals are expected to be awarded.

Reviewers evaluated proposals using the two National Science Board (NSB)-approved merit review criteria (intellectual merit and broader impacts). Each proposal was discussed during the panel meeting, and the panel arrived at a recommendation on each proposal. In cases where there were conflicts of interest, the panelists (and the NSF panel managers) with conflicts did not review the proposal, nor did they participate in the discussions or recommendation of proposals where a conflict existed. Panel recommendations to NSF were: "Highly Competitive," "Competitive," "Low Competitive," or "Not Competitive."

External reviews and panel evaluations are advisory; decisions to fund or decline a proposal are made by NSF. Decisions about particular proposals are often very difficult, and involve careful consideration of the substantive comments from individual reviews, the panel summary, the panel ratings, the availability of funds and the standing of this proposal relative to the other proposals submitted in response to the solicitation, the specifics of the program scope, portfolio balance considerations, the availability of other funding for the topic area, the total amount of funds available to the program for new proposals, and general Foundation policies.

Copies of individual reviews and a panel summary can be accessed through FastLane at: <https://www.fastlane.nsf.gov/jsp/homepage/proposals.jsp>. In reading them, please keep in mind that reviewers are addressing their comments primarily to the NSF, not necessarily to the proposer. Remarks are sometimes made without giving detailed references or providing specific suggestions for improvement, although reviewers are encouraged to provide such helpful information.