

Campus Cyberinfrastructure (CC)
and
Cybersecurity Innovation for
Cyberinfrastructure (CICI)
2018 PI Meeting*



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Computer & Information Science & Engineering

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- Thanks to Wendy Huntoon and Jen Leasure
- Thanks to the Program Committee
- NSF'ers here...
- Outline
 - Quick status of CC*
 - Quick status of CICI
 - Reporting

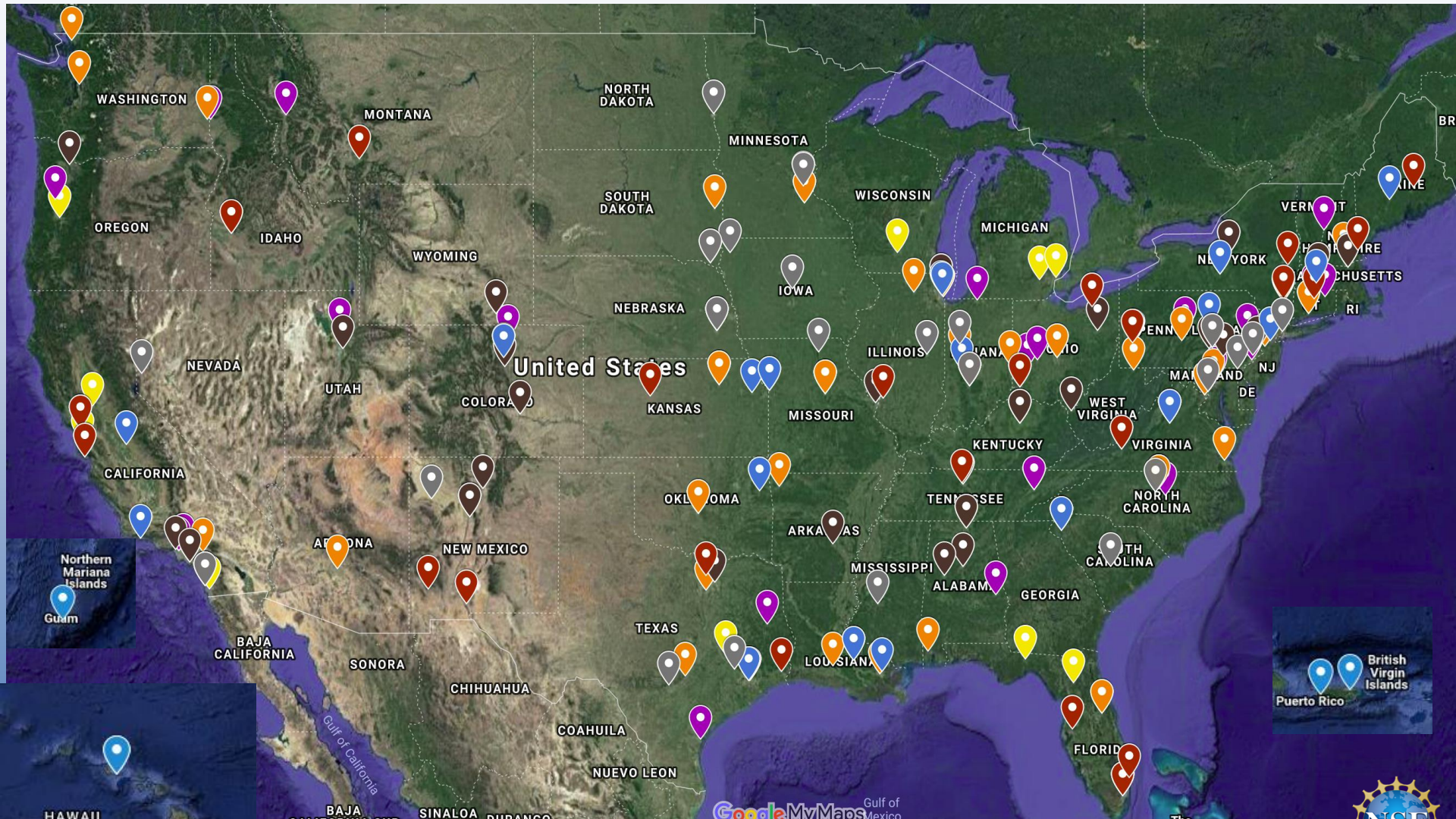


Summary #s for NSF's Campus CI Program 2012-2018

- ~250 awards (not including workshops, EAGER)
- \$100M+ invested over 7 years (FY12-FY18)
- 49 states and jurisdictions represented on award map
- Award categories aggregate(FY18):
 - Campus Networking Upgrades: 130 (9)
 - Network Integration/Innovation: 47 (5)
 - Network Design (small institutions): 29 (7)
 - CI Engineer/Cyberteams: 25 (n/a)
 - Other: 27 (2)



Campus Cyberinfrastructure (CC*) Program awards 2012-2018: ~250 awards



CC* status

- CC* 18-508 produced ~23 awards, a few notes:
 - 4 networking-centric areas
 - 4th area added was “Network Performance Engineering and Outreach” (2 awards made)
 - Area#2 “Network Design and Implementation for Small Institutions” – modified text was meant to incentivize proposals addressing r&e network connectivity across groups of under resourced institutions
- 2018-2019 CC* solicitation
 - Expected later in 2018
 - May return to including more than data networking aspects of campus CI



CICI

- Cybersecurity Innovation for Cyberinfrastructure
- 4th year of CICI and the 1st without Anita Nikolich as Lead Program Director
- NSF 18-547 had 3 areas:
 - Secure Scientific CI (8 awards)
 - Collaborative Security Response Center (1 award)
 - Research Data Protection (4 awards)
- CICI has become a core cybersecurity program in CISE/OAC, distinct from SaTC and TTP – “The integrity of the scientific workflow and associated data is essential to scientific credibility.”
- 2018-2019 CICI solicitation may be out very soon



Reporting

- ~~Please~~ You are expected write and submit quality on-time annual and final reports!
- We have a problem in the community
- From an internal draft email from another program:

Annual Reports (Important, please read)

This year we have had numerous instances of overdue reports (sometimes grossly so) impacting the processing of new awards, no-cost extensions, and continuing grant increments. **Please heed the automated reminders, and submit your reports as soon as they become DUE, and NOT when they are OVERDUE.** In the past, we have sent messages to alert you of pending actions which are being held up for yourself or for your collaborators. This is becoming unsustainable. **Going forward, the program staff will not be sending personal reminders when actions are blocked.** It is your responsibility to ensure that reports are submitted before they become overdue on ALL awards on which you are PI or co-PI. Annual reports for all collaborative awards must provide evidence of collaborative activities during the current reporting period and provide details of expected collaborative activities in the next reporting period. Moreover, **these reports should be coordinated among the collaborators, using common text where possible**, with differences for personnel and other local things.



Reporting

- This is OAC. I expect to see scientific impact reflected in the reports
 - Final reports especially should be able to address qualitative and quantitative impact on the science drivers you so eloquently described in your awarded proposals
- For Small Institution Design awards – please remember: your 1st year annual report must include the technical solution and equipment quotes – detailed topology is appreciated.
- Talk to me if you have any questions on reporting



Finally

- Consider joining the network engineering email list cybinf-engr@es.net
- If you're at SC'18 and showing off your project at a booth, and/or giving a talk, let me know
- **Thank you for serving on NSF review panels!**
- Please take the opportunity to share your experiences, ideas and knowledge this week



Thanks!

