



NSF Campus Cyberinfrastructure PI and Cybersecurity Innovation for Cyberinfrastructure PI Workshop

October 3-4, 2016 | Albuquerque, New Mexico

NSF Program: CC*DNI

Program Area: CI Engineer

Award Number: 1540990

PI: Brian Stengel, University of Pittsburgh

co-PI: Chris Keslar, University of Pittsburgh

Project Title: An Engagement Model for Accelerating use and Knowledge of Cyberinfrastructure in Virtual Science Organizations at the University of Pittsburgh

Project Goals:

- Embed a CI Engineer (Matthew Burton) into four key virtual science organizations (centers)
- Facilitate cyberinfrastructure engineering and consulting at the center level by helping center leaders understand and exploit CI resources (local, national, etc..)
- Develop and deliver a curriculum of “CI Consulting” to campus workforce currently engaged in IT support of campus depts/schools/centers. Share curriculum with peer organizations and projects.

PI Picture



Brian Stengel

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Co-PI Picture



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NSF Campus Cyberinfrastructure PI and Cybersecurity Innovation for Cyberinfrastructure PI Workshop

October 2-4, 2017 | Albuquerque, NM

CC*DNI: CI Engineer

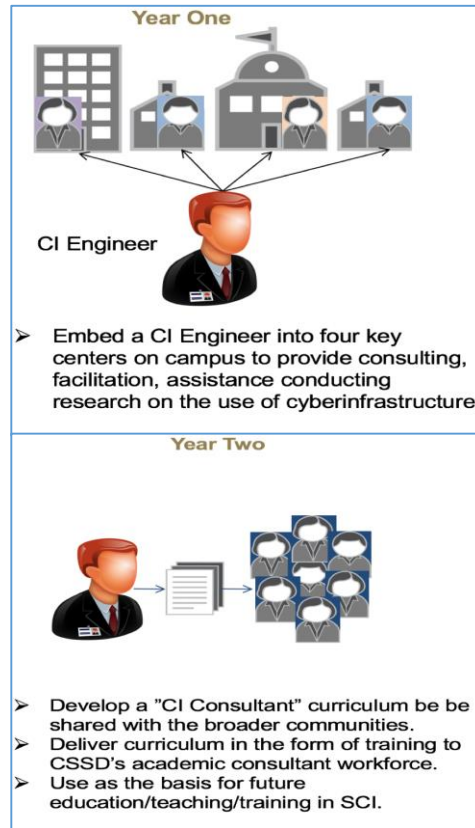
Quad Chart for: An Engagement Model for Accelerating use and Knowledge of Cyberinfrastructure in Virtual Science Organizations at the University of Pittsburgh

Approach:

- Embed a CI Engineer in four “VOs” on campus.
- Engage. Learn. Assist. Gain trust. Consult. Advise. Listen.
- Teach IT support staff in the field to speak CI. Tell stories. Connect demand to supply.

Deliverables:

- Assessment of engagement model success, failures, viability as a model to build and promote
- CI Consulting Curriculum – Cyberinfrastructure “speak” for the IT people in the field.



Broader Impact:

- Promote CI Engineer role within research-IT support organization in our campus.
- Share results and experiences broadly with peers.
- Contribute to the maturation of the CI Engineer, REF, RCF or whatever
- Share curriculum for CI Consulting

Metadata tags:

- #CI Engineer
- #ACI-REF
- #VRES
- #RCF

Award# 1540990

PI: B. Stengel, CoPI: C. Keslar



NSF Campus Cyberinfrastructure PI and Cybersecurity Innovation for Cyberinfrastructure PI Workshop

October 3-4 | Albuquerque, New Mexico

NSF Program: CICI

Program Area: Regional

Award Number: 1642117

PI: James Joshi, University of Pittsburgh

Co-PI: David Tipper, Michael Spring, Balaji Palanisamy, Brian Stengel,
University of Pittsburgh,

Project Title: SAC-PA: Towards Security Assured Cyberinfrastructure in
Pennsylvania

Project Goals:

- Establish a framework for regional collaboration focused on Security Assured Cyberinfrastructure
- Develop and deliver workshops targeted at bringing big-campus security skills and knowledge to smaller campuses (KINBER members)
- Exploit and leverage Pittsburgh's growing community of cybersecurity expertise, knowledge, and skills to promote cybersecurity innovations for cyberinfrastructure.

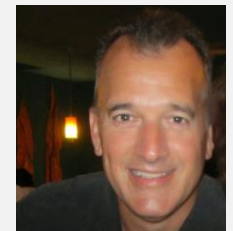
PI Picture



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NSF Program: CICI: Regional

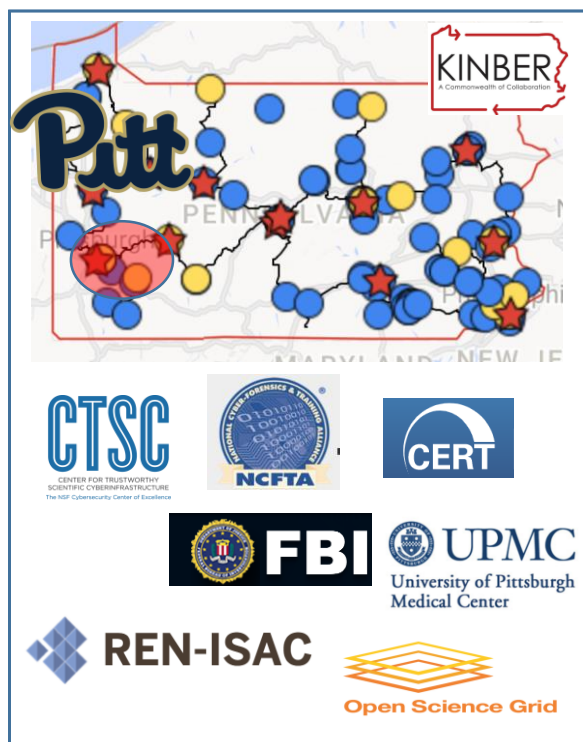
SAC-PA: Towards Security Assured Cyberinfrastructure in Pennsylvania

Approach:

- Bring together PA campus CI-practitioners (KINBER members) and IT security organizations in the region.
- Introduce the significant IT security resources in the region (supply) to the CI-needs in the scientific community (demand)
- Promote collaboration, trade, and awareness among participants

Deliverables:

- Three workshops in Pittsburgh
- Collaboration framework to sustain and engage in promotion of security-assured cyberinfrastructure in the region.



Broader Impact:

- Smaller schools attending the workshops will better understand how they can get help and support.
- Common language. Incentive structure. Motivators. Risk/Reward tolerances.
- Is conducting science-IT different?
- Consumers ← tuned in → providers

Metadata tags:

- <http://www.sis.pitt.edu/lersais/research/sac-pa/<project url>>
- First workshop held in June 2017 – 50 participants
- #sac-pa
- Next workshop – Feb 2018
- Next topics to include deeper dive into topics specific to scientific support on campuses

Award# 1642117

PI: J. Joshi

CoPI: B. Stengel, B. Palanisamy, D. Tipper, M. Spring