

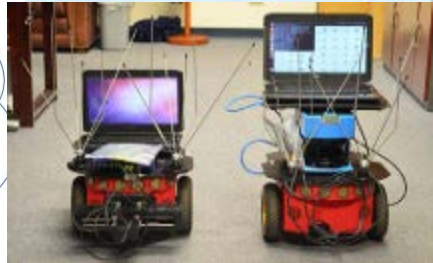


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<http://csint.unr.edu>



University of Nevada, Reno
A National Tier 1 University



RET Site: Cyber Security Initiative for Nevada Teachers (CSINT)

A partnership between
UNR and Nevada High and Middle Schools

Contact: Dr. Shamik Sengupta (ssengupta@unr.edu) and Dr. David Feil-Seifer (dave@cse.unr.edu)



UNR Cyber Threat Map

10/22/2015 09:40:34

October is Cyber Security Awareness month!

While cyber threat maps serve very little practical purpose they can serve to demonstrate the constant amount of threats and scanning that the University undergoes. These real-time events are just a small number of the total events we deal with on a regular basis.

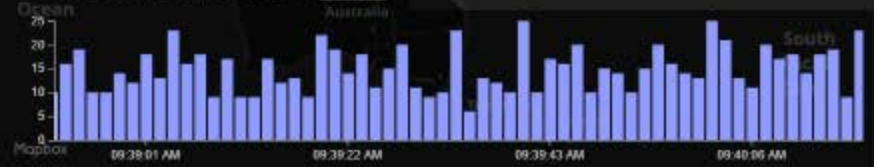
Visit <http://www.unr.edu/cyber-security> for information on the exciting field of cyber security.

UNR Security Operations Center / security@unr.edu



Buildings are highlighted when a computer located within is targeted.

Events Detected Since 9:37am: **2,225**



Timestamp	Country of Origin	Description	Key:
09:37:07	Japan	SSH Login Attempt(51214)	Informational
09:37:07	Japan	SSH Login Attempt(51214)	Informational
09:37:35	United States	HTTP Non RPC-Compliant Response Fraud(20280)	Suspicious
09:37:36	United States	HTTP Non RPC-Compliant Response Fraud(20280)	Suspicious
09:39:27	United States	POSSIBLE Bitex Vulnerability(57144)	Threat
09:37:08	United States	Microsoft RPC Endpoint Mapper(20845)	Informational
09:37:08	United States	HTTP GET Requests Long URI Anomaly(30000)	Threat
09:37:08	Brazil	SSH Login Attempt(51214)	Informational
09:33:58	United States	HTTP Non RPC-Compliant Response Fraud(20280)	Suspicious
09:39:30	United States		

The table below only displays a small number of events.



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Project at a glance...

❖ *RET Site Funded by NSF (Award #1542465)*

- ❑ To create a partnership between UNR and high and middle schools in Nevada
- ❑ Award Amount: \$540,000
- ❑ \$300,000 for teacher participants from Nevada high and middle schools
- ❑ Project Duration: Sep 2015 – Aug 2018



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UNR Faculty Team



Shamik Sengupta
Principal Investigator



David Feil-Seifer
Co-Principal Investigator



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Vision

- ❖ To explore unique ways to engage middle and high school teachers in summer research experiences that emphasize cybersecurity.
- ❖ The project will support a community of teachers who are passionate about cybersecurity and who can translate this excitement to their students through engaging, high-quality inquiry learning experiences.



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What to expect

◆ *Particulars*

- Six weeks of summer research experience
- UNR RET Site – 10 teacher participants/yr.
- \$10,000 per teacher per summer
 - \$8,000 stipend
 - \$2,000 toward lab development, integration
- Participate in state-of-the-art projects from NSF, Navy, Air Force, NASA, Army
- Involve in hands-on research
- Take the knowledge back to your classroom



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◆ *Approx. Timelines*

- Dec. – Application will be sought
- Feb. – Notification of acceptance
- May – Orientation workshop
- Summer – six weeks of RET Site



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