

6th Annual Network Science Workshop

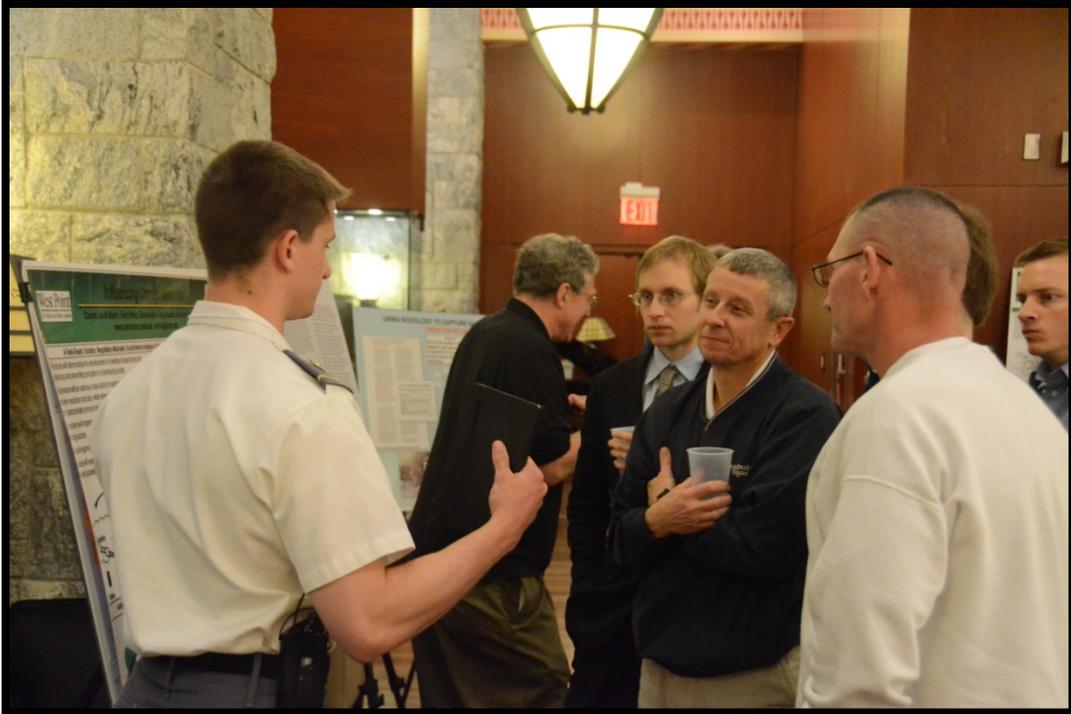
Each year the Network Science Center at West Point (NSC) with support from the Army Research Office holds a workshop to encourage sharing of current research and to foster collaborations in the field of network science. Last week more than 80 researchers from military, civilian, academia, industry, and government communities were at West Point to participate in this year's 6th Annual Network Science Workshop.



Cadets present their research at the Sunday night gathering.

Sunday

The workshop kicked off with a boat ride on the Hudson River Sunday afternoon followed by dinner in the Haig room. Dr. Rand Waltzman, DARPA, gave an enlightening talk on the 'History of the Internet' and cadets had the opportunity to present their research to the workshop participants.



Cadet Oswald shares information on his anti-corruption

Monday

The day began with a welcome from the Network Science Center Director COL John Graham and Dr. Chris Arney, Network Science Chair and Director of Curriculum Integration and Interdisciplinary Activities. This was followed by Dr. John Pellegrino who spoke on 'Emerging Directions in Network Science'.



COL John Graham,
NSC Director



Dr. John Pellegrino, Director
Computational and Information
Sciences Directorate U.S. Army
Research Laboratory



Dr. Chris Arney, NSC
Chair and Director of
Curriculum
Integration and
Interdisciplinary
Activities

Presentations explored topics which transform military applications including: Networks in Command and Control, The Networked Patrol Leader (ex: Warrior Web, TIGR), Networks and Social Media, and Organizational Analysis. Between talks they had a chance to foster collaboration with colleagues from around the United States.



The workshop offered many people a chance to discuss their work and share both theoretical and applied perspectives of network science.

Undergraduate students, Post Docs, and Professors all shared their insights in an environment that fostered collaboration.



At lunch Dr. Daniel Gerstein, Deputy Under Secretary for Science and Technology, Department of Homeland Security gave an overview of his department. The day ended with social hour at Patton's Tavern followed by dinner and a talk by Dr. Bruce West, Senior Scientist Mathematics in the Army Research Office, who spoke on 'Complex Networks: consensus, Control and Minority Opinion'.



Dr. Daniel Gerstein, Deputy Under Secretary for Science and Technology, Department of Homeland Security, gave an overview of Science and Technology at DHS.

Dr. Bruce West, Senior Scientist Mathematics in the Army Research Office, who spoke on 'Complex Networks: consensus, Control and Minority Opinion'



Tuesday

Presentations continued through the morning on topics such as '7 Deadly Sins of SNA' and 'Force Multipliers: Conditional Effectiveness of Military and INGO Human Security Interventions'. The workshop concluded with a panel discussion on the 'Progress in Network Science'.



Dr. Purush Iyer, shares his insight in in panel discussion on 'Progress in Network Science'.



Dr. April Savoy, SA Technologies, spoke on 'The Networked Patrol Leaders: The Need for Technologies with a User Focus.'



COL Greg Wilson, CORE Lab, NPS