



## NATIONAL SECURITY STUDIES

FALL SEMESTER 2018

### Research Roundup

#### Doctoral Program in Civil Security Leadership, Management and Policy

The Professional Security Studies Department faculty and alumni are engaged in on-going scholarly and applied research. This update is published annually to inspire collaboration and curiosity among DSc faculty, students and alumni.

#### A Word from Librarian Fred Smith

The library is NOW subscribing to the [JSTOR Security Studies](#) database. The portal encompasses 70+ relevant titles along with hundreds of monographs, reports, documents, and studies. I was privileged to have a sit-down with JSTOR development folks and offered my opinions as to the content and scope of this new collection. Access is provided through the main JSTOR link. By using the main link, you have access to the aforementioned database, and can retrieve hundreds if not thousands of articles from the other JSTOR databases to which NJCU already subscribes. I also want to draw your attention to the cyber glossary from the NSA. [Here is the link.](#)

– Fred Smith

## Faculty Research

### Scott Fisher

#### Recent Conferences:

- What makes North Korea angry? Using sentiment analysis to measure Pyongyang's response to common foreign policy tools. Presented at the Midwest Political Science Association (MPSA) annual conference, April 2018
- What is the role of Information Operations in advise and assist missions? Or, when is a tweet more than just a tweet? Presented at the Association of Old Crows Electronic Warfare 2018 Conference, June 2018.
- Sentiment Analysis and Big Data to Assess Targeted Information Environments: Test Case Russia. Presented at the 10th Anniversary NATO Information and Communicators Conference, September 2018.
- How Do Authoritarian States React to the Use of Information as a Tool of Foreign Policy? A Case Study of Russia. Presented at the 11th Annual Homeland Defense and National Security Summit, October 2018.

#### Interest Areas:

International & National Security, North Korea, East Asia, Foreign Policy, Information Operations/Warfare, Digital Humanities, Open Source Intelligence, Sentiment Analysis.

### Graig R. Klein, Ph.D.

#### Recent Publications:

- Klein, G. R. & Regan, P. M. (2018). Dynamics of Political Protests Dynamics. *International Organization* 72(2), 485-521
- Klein, G. R. & Regan, P. M.. (2018, January 18). *Explaining Iran's Response to the Protests. Political Violence @ a Glance.*

#### Recent Conferences:

- *Escalating Political Unrest: From Protest Events to Armed Rebellion*. Presented at the International Studies Association (ISA) annual conference, April 2018
- *Repressing Dissent: A New Dataset of Repression Events*. Presented at the American Political Science Association (APSA) annual conference, September 2018.

#### In the Works:

- *Escalating Political Unrest: From Protest Events to Civil War*. With Regan, P. M
- *Refugees, Terrorism and National Security: A Closer Look*.
- *How Radical Environmental Violence Impacts US Elections*. With Farrer, B
- *Domestic Terrorism as a Strategy of Retribution*
- *Rethinking Transnational Terrorism as a Strategy of Provocation*
- *Predicting Armed Conflict Using Machine Learning*. With Tatonetti, N.
- *Presidential Use of Force in the Drone Age*. With Boddey, S.S.
- *Does Decentralization Alleviate Malcontent? Territorial Distribution of Power & Protest Events*. With Madariaga, A. G.

#### Interest Areas:

- International & National Security, Terrorism & Counterterrorism, Political Violence, Conflict Processes & Escalation, Protests, US Foreign Policy, Government Repression, Asymmetric Bargaining

### Michael Krantz, CPP, Ph.D.

#### In the Works:

- On-going applied research regarding best practices for curriculum, faculty development, and articulation agreements for university partnerships with community colleges.

#### Interest Areas:

- Student Learning Models, Human Behavior, Chaos Theory

### Kathleen Donohue Rennie, Ph.D., APR, Fellow PRSA

#### Recent Publications:

- Rennie, K.D., Byrum, K. & Tidwell, M. (2018). Strategic Communication in MBA Curriculum: A Qualitative Study of Student Outcomes. *Journal of Management Education*, 42(5), 594-617. <https://doi.org/10.1177/105256291877459>
- Plowman, Brubaker, & Rennie (2017). Faculty Credentialing in Public Relations Education. In Commission of Public Relations Education (Eds.)

#### Recent Conferences:

- Created and led panel at the PRSA International Conference Educator's Academy initial research findings about national credentialing program re: *Certificate of Principles in Public Relations by the Numbers*. Austin, Texas, Fall 2018.
- *A New Taxonomy for Strategic Communication Integration: A Model for Incorporating Strategic Communication into Graduate Degree Programs* presented at the World PR Forum. Oslo, Norway, Spring 2019.
- Prepared and co-presented a *national webinar* for the PRSA Educators Academy regarding National Certificate in Principles of Public Relations. September 2018.
- *Gateway to Better Leadership: Innovative strategic communication curriculum for MBA students and others in non-traditional degree programs, such as Security Studies*. Presented at the Institute for Public Relations Bridge Conference. Washington, DC, Spring 2018.

#### In the Works:

- Bryum, K. & Rennie, K., *Enhancing Perceptions of the Value of Public Relations Through MBA*.
- Rennie, K.D. & Byrum, K. (in review). A New Taxonomy for Strategic Communication Integration: A Model for Incorporating Strategic Communication into Graduate Degree Programs. *PR Review, World PR 2018 Forum Edition*.
- Bryum, K. & Rennie, K., *Strategic Communication Essentials*. Great River Publishing

#### Interest Areas:

- Integrated Marketing Communication, Crisis Communication, Teaching Strategic Communication to Graduate Students in Non-Communication Programs

### Kutub Thakur

#### Recent Publications:

- Thakur, K., Shan, J., & Khan Pathan, A. (2018). Innovations of Phishing Defense: The Mechanism, Measurement and Defense Strategies. *International Journal of Communication Networks and Information Security*, 10, 19-27.
- Kuman, G. & Thakur, K. An Analysis of AI-based Supervised Classifiers for Intrusion Detection in Big Data. *Big Data Analytic: Social Network Approach*. August 2018: CRC Press Taylor and Francis Group <https://www.amazon.com/Big-Data-Analytics-Network-Approach/dp/1138082163>
- Thakur, K. Tseng, J. & Blende, S (2018). Cyber Security Enforcement in the Internet of Things: Present and Future Perspective. *Journal of Advanced Research in Dynamical and Control Systems*, 10.8, 88-92.
- Thakur, K., Hayajneh, T. & Tseng, J. (2018). Challenges and Way Forward. *IEEE Information Technology Professional*, 06-43.R1.

#### In the Works:

- Hybrid approach of swarm optimization to teach and neural network for intrusion detection
- Self-adapting dictionary using machine learning method (Supervised classification method – SVM)
- Character Recognition Using Hidden Markov Model
- Impact Analysis of Attack and Defense Modeling Approach to Cyber security
- An Analysis of Nature Inspired Techniques for Intrusion Detection System
- Malicious Software-Types and Countermeasures

#### Interest Areas:

- Cyber Security, Digital Forensics, Machine Learning

## DSc Program Alumni Research

### Anthony Abruzzese, Med, MS, DSc

Educational Technologist, Healthcare Emergency Management, Department of Anatomy & Neurobiology, Boston University School of Medicine

#### Recent Publications:

- Abruzzese, A. (October, 2018). Challenges of assessing community disaster resilience in a pre-disaster context. Presented at the 11th Annual Homeland Defense & Security Education Summit. *Wicked Problems in Homeland Security: Keeping Education and Research Relevant*. Albany, NY

#### In the Works

- Article based on the challenges of assessing community resilience for the *International Journal of Security, Preparedness, and Resilience Education* (IJSPRE)

#### Areas of Interest:

- Risk and Crisis Communication, Resilience, Community Resilience, Emergency Management as Public Policy, Community Development and Resilience, Emergency Management and Homeland Security Education

### Arthur 'Art' Liberty, DSc, MS, JD

Visiting Lecturer, Boston University School of Medicine

#### Recent Presentations:

- Town of Saint James, NC; Veterans Day Recognition Ceremony, November 11, 2017: *History of Veterans Day*.
- U.S. Army Reserve Officer Training Corps, South Brunswick Battalion, NC; Leadership Development, March 21, 2018: *Introduction to the Uniformed Services of the United States*.
- U.S. Department of Homeland Security; Symposium on Creating an Ethical Decision-Making Culture in the DHS Senior Leadership, April 11, 2018: *How Do We Talk About Ethics in Critical Decision-Making?*
- U.S. Department of Homeland Security; Symposium on Creating an Ethical Decision-Making Culture in the DHS Senior Leadership, April 12, 2018: *Ethics in Life and Death Decisions*.

#### Areas of Interest:

- Applied Ethics, Healthcare Emergency Management, Homeland Security. Unmanned Aerial Systems, Innovative Approaches to Public Health Issues

### Tim Mathews, DSc

Executive Director, Enterprise Resiliency, ETS

#### Recent Presentations:

- The Conference Board, Business Continuity & Crisis Management Council Meeting, April 2018, Emergency Notification Systems; Best Practices and Challenges.
- The Conference Board, Business Continuity & Crisis Management Council Meeting, April 2018, Disaster Recovery for Private and Public Cloud Services.
- Continuity Insights 2018 Management Conference, April 2018, Case Study: Lessons Learned while Migrating from on Premise, Private Data Center to AWS Public Cloud.

#### In the Works:

Continuity Insights 2019 Management Conference, April 2019, *2017 Year in Review: Lessons Learned/Strategies Revisited* (with Teel, S., Agility Recovery Services)

#### Areas of Interest:

- Business and Technology Resilience, Crisis Management, The Impact of Social Media on Political Campaigns

### Angelo L. Zecca, DSc, CCJP

Full-time faculty member, Berkeley College (School of Professional Studies)

#### Recent Presentations:

- Straight and Narrow Inc (Diocese of Paterson), Paterson, New Jersey, June, 2017, Situational Awareness - In The Drug and Alcohol Prevention Environment.
- Trenton School District (City of Trenton/School Security), Trenton, New Jersey, August, 2016, De-escalation Techniques.
- Justice Studies Panel/Presenter, Berkeley College Legal Studies/Graduate Education Fair.
- Six-Part Professional Development Series (I-LATCH) -Workshop Presenter/Agility.

#### Award Recipient:

- 2018 Berkeley College Faculty Recognition Commitment to Students Award

#### Areas of Interest:

- Community Outreach, Law Enforcement and Academic Information Sharing, Critical Infrastructure Security, Conflict Resolution

Follow us on Twitter at @NJCU\_NSS!

Share this email:



Manage your preferences | [Opt out](#) using TrueRemove®  
Got this as a forward? [Sign up](#) to receive our future emails.  
View this email [online](#).

2039 Kennedy Blvd  
Jersey City, NJ | 07305 US

This email was sent to .  
To continue receiving our emails, add us to your address book.