Minerva Research Initiative
FY18 Award Decisions

The Central Eurasian State Capacity Initiative: Assessing Threats to Geopolitical Stability and Conflict along Russia's Periphery
PI: **Erik Herron** (West Virginia University)
Topic Area (ONR): Sociopolitical (In)Stability, Resilience, and Recovery

Computational Framework for Assessing Absorptive Capacity
PI: **Jose Padilla** (Old Dominion University)
Topic Area (ONR): Sociopolitical (In)Stability, Resilience, and Recovery

Asymmetric Interdependence and Statecraft: Building Knowledge to Explicate Great Power Coercion Dilemmas at the Security-Economy Nexus
PI: **Adam Stulberg** (Georgia Institute of Technology)
Topic Area (OUSD & ONR): Economic Interdependence and Security & Power, Deterrence, Influence, and Escalation Management for Shaping Operations

A Network-Analytic Study of the Determinants and Consequences of Burden Sharing in International Alliances and Defense Cooperation Agreements, 1945-2020
PI: **Zeev Maoz** (University of California, Davis)
Topic Area (OUSD): Alliances and Burden Sharing

Science Genome: A Scholarly Graph Embedding Framework to Uncover the Fundamental Dynamics of Scientific Enterprise
PI: **Yong-Yeol Ahn** (Indiana University)
Topic Area (AFOSR): Fundamental Dynamics of Scientific Discovery

Mapping the Structure and Dynamics of the Scientific Ecosystem
PI: **Daniel Larremore** (University of Colorado, Boulder)
Topic Area (AFOSR): Fundamental Dynamics of Scientific Discovery

Fundamental Dynamics, Predictability, and Uncertainty of Scientific Discovery and Advance
PI: **Dashun Wang** (Northwestern University)
Topic Area (AFOSR): Fundamental Dynamics of Scientific Discovery

The Role of Emotions in Adversarial Information Campaigns
PI: **Susannah Paletz** (University of Maryland)
Topic Area (ONR): Adversarial Information Campaigns

Monitoring the Content and Measuring the Effectiveness of Russian Disinformation and Propaganda Campaigns in Selected Former Soviet Union States
PI: **Maureen Taylor** (University of Tennessee, Knoxville)
Topic Area (ONR): Adversarial Information Campaigns

Empirical Analysis for Meeting Great Power Challenges
PI: **Stephen Biddle** (Columbia University)
Topic Area (ONR): Power, Deterrence, Influence, and Escalation Management for Shaping Operations

Deep Learning Models for Predicting Globally Disruptive Events
PI: **Anna Buczak** (Johns Hopkins University)
Topic Area (ONR): Power, Deterrence, Influence, and Escalation Management for Shaping Operations

Forecasting Crisis Dynamics with Machine Coded Data: A Model of Power Projection, Influence and Escalation
PI: **Erik Gartzke** (University of California, San Diego)
Topic Area (ONR): Power, Deterrence, Influence, and Escalation Management for Shaping Operations