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CORE Lab Home - CORE Lab - Naval Postgraduate School (archived)

Monterey, California, Naval Postgraduate School

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CORE Lab



The CORE Lab believes most great ideas are generated from the bottom up...

Our students, both U.S. and international, as well as our partner organizations in DOD and law enforcement, are the foundation of our three pillars of efforts: [research](#), [graduate-level courses](#), and [outreach and education](#).

[Learn More...](#)

Our Mission

The CORE Lab's mission is to serve as a leading DOD organization in providing



research and education to U.S. and foreign military officers in advanced methodologies and cutting-edge, analytic technologies. The Lab focuses on, but is not limited to, social media, social network, geospatial, temporal, and textual analyses as well as system dynamics. We seek to enable academics, students, and operational practitioners to collect, manage, and fuse data to create a more complete picture of the common operational environment. Our *niche* is bridging the gap between theory and operational capability. This goal is why we have an extensive [outreach and education program](#), which we supplement with our "[Practitioner's Page](#)" and [Slack channel](#).

Our Courses and Research

The Lab's expertise, as well as its emphasis in its [courses](#) and [research](#), is in system dynamics, geospatial analysis, temporal analysis, and relational analysis. The Lab conducts research, in most cases, with practitioners in the following areas as well as others:

- Organizational Mapping and Network Engagement
- Open Source Tool Development
- System Strategic Thinking
- Strategic and Operational System Dynamics Modeling

Certificate in Social Network Analysis, Research, and Practice

The [Academic Certificate in Social Network Analysis, Research, and Practice](#) provides students with social network analysis's methodological, theoretical, and analytical tools that can be employed in a various contexts, such as tracking and disrupting dark networks (e.g., terrorist networks, drug cartels), examining key regional and global networks at the forefront of great power competition, enhancing light networks, influencing resistance (social) movements, and uncovering "narratives" from social media.

Join us!

Contact us directly via [email](#). Join our world via the links below.

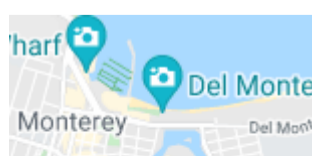
[Our Practitioner's page](#)

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Mission

Provide defense-focused graduate education, including classified studies and interdisciplinary research, to advance the operational effectiveness, technological leadership and warfighting advantage of the Naval service.

Naval Postgraduate School

1 University Circle, Monterey, CA 93943

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