INTA 4007/8803

INTELLIGENCE & INTERNATIONAL SECURITY

Fall 2018

Dr. Margaret E. Kosal
Sam Nunn School of International Affairs

3 credits   Office hours: *TBD*
4:30 – 5:45PM Tu/Th   & by appointment
MRMC 3403   Habersham 303
                                             nerdgirl@gatech.edu

Course Description

This seminar-style course examines the history, institutions, people, and processes of intelligence as a critical element of national and international security, with special emphasis given to the relationships between the intelligence community and policy makers.

16 August 2018

Learning Outcomes

1) *Problem Solving in International Affairs:* Students will be able to use their knowledge of international affairs in a practical problem-solving way to address issues of immediate international concern. Includes knowledge of key issues, familiarity with methods to assess solutions, data-gathering research skills through which to put different methods into place.

   For this course, that includes

   1. Demonstrate how the intelligence enterprise contributes to the policymaking process,

   2. Understand the role of intelligence in historical and current international security situations,

   3. Demonstrate a working knowledge of the role of intelligence, the intelligence community, technology, and the institutions in addressing security challenges facing the United States,

   4. Analyze the factors, events, and changing nature of the threat that influenced United States intelligence and national security policy,

   5. Understand how modern technology influences intelligence and consider ho future developments in this realm may affect the intelligence community and process.

2) *Effective Communication Skills:* Students will be able to express their arguments clearly and effectively both in written reports and in their research and oral presentations.

3) *USG BOR Social Science General Education:* Students will demonstrate the ability to describe the social, political, and economic forces that influence social behavior.

Class Requirements

1) Analytical Essays 1 (15%)
2) Analytical Essays 2 (15%)
3) Research Project (60% overall)
   a. Topic Submission (0%)
   b. Formal Proposal & Presentation (10%)
   c. Outline (5%)
   d. Briefing Book (10%)
   e. Final Briefing (10%)
   f. Final Paper (25%)
4) Analytical Simulation Exercise (10%)

Additional requirement for 8803 students
5) Class Presentation (15%)

Analytical Essays

Twice throughout the semester, a list of questions will be distributed. If enrolled in INTA 4007, you will chose 2 questions to answer. If INTA 8803, you will chose 3 questions to answer. Each answer will be 300-750 words. Questions will be distributed one week before they are due. You might think of these as take-home essay questions.

Analytical Essays 1 will be due Thursday, 11 October, i.e., Week 8.

Analytical Essays 2 will be due Tuesday, 6 November, i.e., Week 12.

Research Project

Scope of topics is limited to those that you can justify having a relationship to the course. You may elect to focus on history, methods, institutions, events, techniques, role of technology, or some combination of those and other topics related to the intelligence community and international security.

> **Topics,** i.e., thesis statements, must be approved *a priori*, due NLT 1800 Friday, 31 August (week 2). This will take the form of an email sent to MEK. No attachments. Just text of an email. No more than 150 words. 50 words is fine.

> **Formal Proposal** due electronically to MEK with cc to intelligence-n-intlsec-fall2018@t-square.gatech.edu NLT 1200, Tuesday, 11 September (week 4), in the form of a 300-500 word proposal. Proposal will be presented in class.

> **Outline** due electronically to MEK NLT 1200 Thursday, 27 September (week 6).

> **Briefing Book** due electronically to MEK with cc to intelligence-n-intlsec-fall2018@t-square.gatech.edu NLT 1200, Tuesday, 23 October (week 10). Specifics of format will be distributed as a template. Updates will be presented in class.

> **Final Briefing** will be presented in class on Tuesday 27 or Thursday 29 November (week 15). PowerPoint files due to MEK NLT than 90 minutes before class starts.

> **Final Paper** due 30 November. Late papers will be accepted through 1500 Wednesday, 12 December (finals week) without penalty.

> Additional guidance will be distributed in class.

Analytical Simulation Exercise

You will participate in an exercise modeled on analytical practices of the intelligence community. The simulation will be done in class on 4 December, i.e., the last day of class. Additional information will be distributed.

INTA 8803 Students - Class Presentation

Once during the semester you will present (~30-45 minutes) on a class topic from the syllabus and lead discussion. Additional guidance will be distributed in class.

Grade Change Policy

Appeals for grade changes should be reasonable both in argument and submission time, i.e., within two weeks of return. Specific detailed information on grade change will be distributed upon return of assignments.

Late Assignment Policy

Generally, late assignments without documented excuse as outlined in Georgia Tech official policy will not be accepted. Major exception: as noted in the syllabus. If you have a scheduling conflict, please contact me before the assignment is due.

Attendance and Participation

You are expected to make reasonable efforts to attend all classes and participate actively. I recognize that both anticipated and unanticipated events may overlap with the regularly scheduled class. I reserve the right to make attendance a portion of the grade if it is a problem.

Arriving Late and Departing Early

While I recognize that both anticipated and unanticipated events may overlap with the regularly scheduled class, if you have an ongoing conflict that occurs at the same time as this class, perhaps you should reconsider. Repeated tardiness reflects poorly on you and can disrupt the entire class. If you ask to depart my class early for another event, you are communicating what is your priority. I reserve the right to make attendance a portion of the grade and penalize for lateness if it is a reoccurring problem.

Electronic Devices

They are allowed. My right to rescind is reserved. The use of electronic devices can hinder learning and impact your grade, see e.g., "Checking phones in lectures can cost students half a grade in exams" and primary data included therein, https://phys.org/news/2018-07-students-grade-exams.html. The other problem is rudeness or the unintended perception of rudeness, which is especially bad when/if we have guest speakers. Unfortunately this has been a problem in the past on multiple occasions, so it now gets a section in the syllabus.

Course Materials

One text is required:

1. Robert Kennedy, *Of Knowledge and Power: The Complexities of National Intelligence,* Praeger Security International, 2008

Other documents and articles as noted in the syllabus, including

2. DNI Coat's Statement for the Record of the Worldwide Threat Assessment of the US Intelligence Community, February 2018, https://www.dni.gov/files/documents/Newsroom/Testimonies/2018-ATA---Unclassified-SSCI.pdf

3. U.S. National Intelligence Strategy, 2014, https://www.dni.gov/files/documents/2014_NIS_Publication.pdf

4. U.S. National Intelligence Strategy, 2005, https://www.hsdl.org/?abstract&did=457219

5. CIA, *A Tradecraft Primer: Structured Analytic Techniques for Improving Intelligence Analysis*, March 2009, https://www.cia.gov/library/center-for-the-study-of-intelligence/csi-publications/books-and-monographs/Tradecraft%20Primer-apr09.pdf

6. US National Intelligence Council (NIC), *Global Trends 2035: Paradox of Progress,* January 2017, https://www.dni.gov/index.php/global-trends-home & browse related publications.

7. WEF Global Risks Report 2018, https://www.weforum.org/reports/the-global-risks-report-2018

Blogs

1. Secrecy News Blog, https://fas.org/blogs/secrecy/
   To SUBSCRIBE to Secrecy News, go to:
   https://fas.org/sgp/news/secrecy/subscribe.html

2. The Cipher Brief, https://www.thecipherbrief.com/

3. The Soufan Group TSC IntelBrief http://thesoufancenter.org/intelbrief/

4. Kristan Wheaton's 'Sources & Methods' blog, http://sourcesandmethods.blogspot.com/

5. Michael D'Alessandro's Naval Open Source Intelligence blog, https://nosi.org/

Accommodations for Students With Disabilities

Per Georgia Tech policy: if you have a significant disability, special arrangements will be made to accommodate documented needs (through the ADAPTS office). Please contact me after class or at your earliest convenience.

Academic Integrity

For all assignments, materials, and exams, you are expected to maintain the highest academic integrity.

Per the Georgia Tech Honor Code, plagiarism is an act of academic misconduct. The Georgia Tech Honor Code specifies: "'Plagiarism' is the act of appropriating the literary composition of another, or parts of passages of his or her writings, or language or ideas of the same, and passing them off as the product of one's own mind. It involves the deliberate use of any outside source without proper acknowledgment."

Plagiarism ranges from the blatant – purchasing a term paper or copying on an exam – to the subtle – failing to credit another author with the flow of ideas in an argument. Simply changing a few words from the writings of other authors does not alter the fact that you are essentially quoting from them. Paraphrasing of this sort, where you use the words of another almost verbatim without acknowledging your source, is the most common form of plagiarism among undergraduate students and academics. When you state another author's viewpoint, theory, or hypothesis – especially when it is original or not generally accepted – you must also include a reference to the originator. In general citations are unnecessary when the information is considered common knowledge or a matter of widespread agreement or controversy.

For more information on the Georgia Tech Honor Code, please see http://www.honor.gatech.edu.

In short: just don't cheat.
This is one instance when asking forgiveness
rather than permission is *not* a good strategy.

THE SYLLABUS IS DYNAMIC

AND

IS LIKELY TO BE UPDATED

THROUGHOUT THE

SEMESTER.

Course Calendar and Content

WEEK 1

21 August: Class intro: introduction, framing the course, expectations, assignments, schedule
Sun Tzu, Thucydides, & Clausewitz on intelligence (& chance)

<u>Further reading</u>
   – Michael Warner, "The Divine Skein: Sun Tzu on Intelligence," *Intelligence and National Security,* 21:4, 2006, pp 483-492, https://doi.org/10.1080/02684520600885624
   – Lowell Edmunds, *Chance and Intelligence in Thucydides,* Harvard University Press, 1975
   – David Kahn, "Clausewitz and Intelligence," *Journal of Strategic Studies,* 1986, pp 117-126, https://doi.org/10.1080/01402398608437261
   – Michael G. Fry & Miles Hochstein, "Epistemic Communities: Intelligence Studies and International Relations," *Intelligence and National Security* 1993, pp 14-28, https://doi.org/10.1080/02684529308432212 or Chapter 2 in *Espionage: Past, Present and Future?*, Wesley K. Wark (Ed.), CRC Press, 1994, pp 14-28

23 August: Basic concepts
What is intelligence?
Who? The IC
Types of intelligence: tactical vs strategic vs anticipatory
The language
The process: the intelligence cycle, consumers, budget, oversight

<u>Reading</u>
   – Kennedy, *Of Knowledge and Power*
      o Appendix A. The Intelligence Cycle
      o Appendix B. The U.S. Intelligence Community
   – Stephen Marrin, "Evaluating Intelligence Theories: Current State of Play," *Intelligence and National Security*, 33:4, 2018, pp 479-490, https://doi.org/10.1080/02684527.2018.1452567
   – Executive Order (EO) 12333: *United States Intelligence Activities* (As amended by Executive Orders 13284 (2003), 13355 (2004) and 13470 (2008)), https://fas.org/irp/offdocs/eo/eo-12333-2008.pdf
   – U.S. National Intelligence Strategy, 2014, https://www.dni.gov/files/documents/2014_NIS_Publication.pdf
   – U.S. National Intelligence Strategy, 2005, https://www.hsdl.org/?abstract&did=457219

<u>Further reading</u>
   – John A. Gentry & Joseph S. Gordon, "U.S. Strategic Warning Intelligence: Situation and Prospects," *International Journal of Intelligence and CounterIntelligence,* 31:1, 2018, pp 19-53, https://doi.org/10.1080/08850607.2017.1374149

  – List of EOs related to Inetlligence Community and Intelligence Sharing,
    https://www.intelligence.senate.gov/laws/executive-orders

WEEK 2
28 August: The intelligence cycle I
                        Collection disciplines and processing

<u>Reading</u>
  – DNI Coat's Statement for the Record of the Worldwide Threat Assessment of the US
    Intelligence Community, February 2018,
    https://www.dni.gov/files/documents/Newsroom/Testimonies/2018-ATA---
    Unclassified-SSCI.pdf
  – Kennedy, *Of Knowledge and Power*
      o Pt. I. Collection
      o 1. Planning, Collecting, and Processing
      o 2. People, Technology, and Money

30 August: The intelligence cycle II
                        Analysis I
                        Methods

<u>Reading</u>
  – Kennedy, *Of Knowledge and Power,*
      o Pt. II. Analysis
      o 3. Analysis: Challenges of Management
      o 4. Analysis: Torments of Sisyphus
  – CIA, *A Tradecraft Primer: Structured Analytic Techniques for Improving Intelligence
    Analysis*, March 2009, https://www.cia.gov/library/center-for-the-study-of-
    intelligence/csi-publications/books-and-monographs/Tradecraft%20Primer-
    apr09.pdf

Research Project Topics Due to MEK

WEEK 3
4 September: The intelligence cycle III
                        Analysis II
                        Dissemination

<u>Reading</u>
  – Kennedy, *Of Knowledge and Power*
      o Pt. III. Dissemination and Use
      o 5. Dissemination
      o 6. Using Intelligence

6 September: Consumers, Congress, international agreements, private entities

<u>Reading</u>
- Kennedy, *Of Knowledge and Power*
  - o Pt. IV. Oversight
  - o 7. Executive Branch Oversight
  - o 8. The Struggle for Congressional Oversight
  - o Appendix C. Congressional Access to IC Materials
- Richard K. Betts, "Policy-makers and Intelligence Analysts: Love, Hate or Indifference?" *Intelligence and National Security,* 1988, pp 184-189, https://doi.org/10.1080/02684528808431934
- Stephen J. Flanagan, "Managing the Intelligence Community," *International Security,* 10:1, Summer 1985, pp 58-95, https://muse.jhu.edu/article/446151/summary
- Claudia Hillebrand, "The Role of News Media in Intelligence Oversight," *Intelligence and National Security,* 27:5, 2012, pp 689-706, https://doi.org/10.1080/02684527.2012.708521
- Stéphane Lefebvre, "The Difficulties and Dilemmas of International Intelligence Cooperation," *International Journal of Intelligence and CounterIntelligence, 16*:4, 2003, pp 527-542, https://doi.org/10.1080/716100467

<u>Further reading</u>
- Glenn Hastedt, "The Politics of Intelligence and the Politicization of Intelligence: The American Experience," *Intelligence and National Security,* 28:1, 2013, pp 5-31, https://doi.org/10.1080/02684527.2012.749062
- Darren E. Tromblay, "Intelligence and the Intelligentsia: Exploitation of U.S. Think Tanks by Foreign Powers," *International Journal of Intelligence and CounterIntelligence,* 31:1, 2018, pp 1-18, https://doi.org/10.1080/08850607.2017.1337444
- Stephen Lander, "International Intelligence Cooperation: An Inside Perspective," *Cambridge Review of International Affairs,* 17:3, 2004, pp 481-493, https://doi.org/10.1080/0955757042000296964

WEEK 4

11 & 13 September: **Formal proposal presentations**

WEEK 5

18 September: Guest speaker – to be confirmed

20 September: *No class*

<u>Watch (on your own or together)</u>
- Lieutenant General Michael T. Flynn, then-director of the Defense Intelligence Agency (DIA), "A New Model for Defense Intelligence," Brookings Institute, 20

November 2013, http://www.brookings.edu/events/2013/11/20-new-model-
defense-intelligence

WEEK 6

25 September: Counterintelligence
Insider Threats: Aldrich Ames (CIA), Robert Hannsen (FBI), John A.
Walker (US Navy)
Why Americans Commit Espionage

Reading
– James M. Olson, "The Ten Commandments of Counterintelligence," *Studies in Intelligence,* Fall-Winter 2001, pp 81-87, pdf version available here: http://www.dtic.mil/dtic/tr/fulltext/u2/a529667.pdf; easier to read html version available here: https://www.cia.gov/library/center-for-the-study-of-intelligence/kent-csi/vol45no5/html/v45i5a08p.htm
– A. C. Wasemiller, "The Anatomy of Counterintelligence," *Studies in Intelligence,* 1969, https://www.cia.gov/library/center-for-the-study-of-intelligence/kent-csi/vol13no1/html/v13i1a02p_0001.htm
– Stan A. Taylor & Daniel Snow, "Cold War Spies: Why They Spied and How They Got Caught," *Intelligence and National Security,* Jan 2008, pp 101-125, https://www.tandfonline.com/doi/abs/10.1080/02684529708432416
– David Robarge, "Moles, Defectors, and Deceptions: James Angleton and CIA Counterintelligence," *Journal of Intelligence History,* 2003, 3:2, pp 21-49, https://www.tandfonline.com/doi/abs/10.1080/16161262.2003.10555085
– Benjamin B. Fischer, "Spy Dust and Ghost Surveillance: How the KGB Spooked the CIA and Hid Aldrich Ames in Plain Sight," *International Journal of Intelligence and CounterIntelligence,* 2011, 24:2, pp 268-306, https://www.tandfonline.com/doi/abs/10.1080/08850607.2011.548205
– John Prados, "The Navy's Biggest Betrayal," *Naval History,* Vol. 24, Iss. 3, Jun 2010, pp 36-45, https://www.usni.org/magazines/navalhistory/2010-06/navys-biggest-betrayal

Further reading
– Richard C Brackney & Robert H Anderson, *Understanding the Insider Threat. Proceedings of a March 2004 Workshop,* RAND, January 2004, http://www.dtic.mil/docs/citations/ADA429854
– Caleb Carr, "Aldrich Ames and the Conduct of American Intelligence," *World Policy Journal,* Vol. 11, No. 3, Fall, 1994, pp 19-28, https://www.jstor.org/stable/40209359
– Browse: Senate Select Committee on Intelligence, "An Assessment of the Aldrich H. Ames Espionage Case and Its Implications for U.S. Intelligence," 1 November 1994, original document: https://www.intelligence.senate.gov/sites/default/files/publications/10390.pdf; easy to read html version https://fas.org/irp/congress/1994_rpt/ssci_ames.htm
– Loch K. Johnson, "James Angleton and the Church Committee," *Journal of Cold War Studies,* 15:4, Fall 2013, pp. 128-147, https://muse.jhu.edu/article/534418

- Mark L Reagan, "Counterintelligence: Introduction to U.S. Counterintelligence; CI 101 -- a primer," National Counterintelligence Center, Office of National Counterintelligence, Washington, D.C., 2005, https://www.hsdl.org/?view&did=460369
- Army Doctrine Publication (ADP) 2-0, Intelligence, 2012, https://armypubs.army.mil/epubs/DR_pubs/DR_a/pdf/web/adp2_0.pdf

27 September: Secrecy, Leaks, Privacy, Civil Liberties

Reading
- Warren E. Snyder, "Leaks and Their Consequences: A Guide to the Controversy Over Secrecy vs. Open Government," *American Intelligence Journal*, 32:2, 2015, pp 13-16, https://www.jstor.org/stable/26202131
- Glenn Hastedt, "Public Intelligence: Leaks as Policy Instruments: the Case of the Iraq War," *Intelligence and National Security,* 20:3, 2005, pp 419-439, https://doi.org/10.1080/02684520500268897
- Browse: CSIS' Intelligence, Surveillance, and Privacy projects, https://www.csis.org/programs/technology-policy-program/intelligence-surveillance-and-privacy and Security and Surveillance projects, https://www.csis.org/programs/technology-policy-program/intelligence-surveillance-and-privacy/security-and-surveillance

Further reading
- Kate Martin, "Domestic Intelligence and Civil Liberties," *SAIS Review of International Affairs,* 24:1, Winter-Spring 2004, pp 7-21, https://muse.jhu.edu/article/53262
- James Der Derian, "Anti-Diplomacy, Intelligence Theory and Surveillance Practice" in *Espionage: Past, Present and Future?* Wesley K. Wark (Ed), 1994, pp 29-51

Outline due

WEEK 7

2 October: Ethics

Readings
- Arthur S. Hulnick and Daniel W. Mattausch, "Ethics and Morality in United States Secret Intelligence," *Harvard Journal of Law and Public Policy*, 12:2, Spring 1989, pp 509-522 (will be distributed in class)
- Michael Herman, "Ethics and Intelligence after September 2001," *Intelligence & National Security,* 19:2, 2004, pp 342-358, https://doi.org/10.1080/0268452042000302038
- Angela Gendron, "Just War, Just Intelligence: An Ethical Framework for Foreign Espionage," *International Journal of Intelligence and CounterIntelligence,* 18:3, 2005, pp 398-434, https://doi.org/10.1080/08850600590945399

Further reading
- Sir David Omand & Mark Phythian, "Ethics and Intelligence: A Debate," *International Journal of Intelligence and CounterIntelligence,* 26:1, 2013, pp 38-63, https://doi.org/10.1080/08850607.2012.705186
- E. Drexel Jr. Godfrey, "Ethics and Intelligence," *Foreign Affairs,* 1978, https://heinonline.org/HOL/P?h=hein.journals/fora56&i=628
- Ross Bellaby, "What's the Harm? The Ethics of Intelligence Collection," *Intelligence and National Security*, 27:1, 2012, pp 93-117, https://doi.org/10.1080/02684527.2012.621600
- Russell Miller, ed*. U. S. National Security, Intelligence and Democracy: From the Church Committee to the War on Terror.* New York: Routledge, 2008
- Janille Smith-Colin, Nabil Kleinhenz, "Analyzing Public and State Reactions to Global Surveillance Disclosures: Using Ethical Frameworks to Gain Understanding," in *Technology and the Intelligence Community,* ME Kosal (ed), Springer, 2018, pp 251-279

4 October: Nunn Forum

"In the Crosshairs: When You're the Target of Nation-State Cyberattacks"
More information will be distributed in class https://nunnforum.inta.gatech.edu/

Reading
- James J. Wirtz, The Cyber Pearl Harbor redux: helpful analogy or cyber hype?," *Intelligence and National Security*, 33:5, (2018) 771-773, https://doi.org/10.1080/02684527.2018.1460087

WEEK 8

9 October: *No class – Fall Recess*

11 October: Washington and Spying in the Revolutionary War
                        Intelligence in the Civil War
                        Pearl Harbor & Midway

Reading
- Sean Halverson, "Dangerous Patriots: Washington's Hidden Army During the American Revolution," *Intelligence and National Security,* 25:2, 2010, pp 123-146, https://www.tandfonline.com/doi/full/10.1080/02684527.2010.489272
- Cate Lineberry, "Elizabeth Van Lew: An Unlikely Union Spy," *Smithsonian.com,* 4 May 2011, https://www.smithsonianmag.com/history/elizabeth-van-lew-an-unlikely-union-spy-158755584/
- Allen Thomas, *Intelligence in the Civil War,* 2007, https://www.cia.gov/library/publications/intelligence-history/civil-war/Intel_in_the_CW1.pdf
- Roberta. Wohlstetter, *Pearl Harbor: Warning and Decision*, Stanford, Calif: Stanford University Press, 1962, Introduction and Chapter 7

– Erik J. Dahl, "Why Won't They Listen? Comparing Receptivity Toward Intelligence at Pearl Harbor and Midway," *Intelligence and National Security,* 28:1, 2013, pp 68-90, https://www.tandfonline.com/doi/abs/10.1080/02684527.2012.749061

Further reading
– Browse: Spy letters from the American Revolutionary War, http://clements.umich.edu/exhibits/online/spies/index-clinton.html
– CIA, *Intelligence in the War of Independence,* https://www.cia.gov/library/publications/intelligence-history/intelligence
– Jennifer Wilcox, *Revolutionary Secrets: Cryptology in the American Revolution,* 2012, https://www.nsa.gov/about/cryptologic-heritage/historical-figures-publications/publications/pre-wwii/assets/files/Revolutionary_Secrets_2012.pdf or https://permanent.access.gpo.gov/gpo37028/Revolutionary-Secrets-2012.pdf
– Elizabeth Bethel, "The Military Information Division: Origin of the Intelligence Division," *Military Affairs,* Vol. 11, No. 1, Spring 1947, pp 17-24, https://www.jstor.org/stable/1982686
– Elizabeth R. Varon, Southern Lady, Yankee Spy: The True Story of Elizabeth Van Lew, a Union Agent in the Heart of the Confederacy, Oxford University Press, 2005, 336pp, https://global.oup.com/ushe/product/southern-lady-yankee-spy-9780195179897
– Elizabeth P. McIntosh, *Sisterhood of Spies: The Women of the OSS*, Naval Institute Press, 2009, (originally published 1998), 320pp, https://www.usni.org/store/books/holiday-catalog-2017/sisterhood-spies
– Marie-Madeleine Fourcade*, Noah's Ark: The Secret Underground,* Kensington Publishing Corp., 1974 (original publication), 498pp
– Patrick K. O'Donnell, *Operatives, Spies, and Saboteurs: The Unknown Story of the Men and Women of World War II's OSS*, 2014, 384pp, http://www.simonandschuster.com/books/Operatives-Spies-and-Saboteurs/Patrick-K-ODonnell/9780743235747

Watch/Listen
– *Union Spy Elizabeth Van Lew,* C-SPAN, 24 January 2018, University of Virginia professor Elizabeth Varon talks about Elizabeth Van Lew, who operated a Union spy ring out of the Confederate capital of Richmond, Virginia. https://www.c-span.org/video/?447023-4/union-spy-elizabeth-van-lew

Analytical Essays #1 due

WEEK 9
16 October: Cold War
                         Cuban Missile Crisis

Reading
– James H. Hansen, "Soviet Deception in the Cuban Missile Crisis," *Studies in Intelligence*, 46:1, 2002, pp 49-58, http://www.dtic.mil/docs/citations/ADA525825
–

- Graham T. Allison, "Conceptual Models and the Cuban Missile Crisis," *American Political Science Review,* 63:3, 1969, pp 689-718, https://www.jstor.org/stable/1954423
- Benjamin B. Fischer, "'We May Not Always Be Right, but We're Never Wrong': US Intelligence Assessments of the Soviet Union, 1972-1991," in *The Image of the Enemy: Intelligence Analysis of Adversaries since 1945,* Paul Maddrell (Ed.), Georgetown University Press, 2015, pp 93-128
- Raymond L. Garthoff, "Soviet Leaders, Soviet Intelligence, and Changing Views of the United States, 1965-1991" in *The Image of the Enemy: Intelligence Analysis of Adversaries since 1945,* Paul Maddrell (Ed.), Georgetown University Press, 2015, pp 28-67

Further reading
- Robert Kennedy*, Thirteen Days: A Memoir of the Cuban Missile Crisis*, 1968. *It's short & highly readable – recommend strongly for all.*
- Mary S. McAuliffe, *CIA Documents on the Cuban Missile Crisis, 1962*, October 1992, http://www.dtic.mil/docs/citations/ADA498025
- Ernest May and Philip D. Zelikow, *The Kennedy Tapes: Inside the White House During the Cuban Missile Crisis*, Norton, 2001, pp 73-108, 124-137, 301-401
- Marc Trachtenberg, "The Influence of Nuclear Weapons in the Cuban Missile Crisis," *International Security,* 10:1, Summer 1985, pp 137-163, https://muse.jhu.edu/article/446154/summary
- Jonathan Renshon, "Mirroring Risk: The Cuban Missile Estimation," *Intelligence and National Security,* 24:3, 2009, pp 315-338, https://doi.org/10.1080/02684520903036917
- James J. Wirtz, Organizing for Crisis Intelligence: Lessons from the Cuban Missile Crisis," *Intelligence and National Security,* 13:3, 1998, pp 120-149, https://doi.org/10.1080/02684529808432496

18 October: Nuclear Proliferation
Israel
India/Pakistan
AQ Khan

Reading
- "Managing Nuclear Proliferation: The Politics of Limited Choice," CIA, Research Study, December 1975 (Declassified 2010), https://www.cia.gov/library/readingroom/docs/DOC_0001246284.pdf
- Charles A. Ziegler, "Intelligence Assessments of Soviet Atomic Capability, 1945-1949: Myths, Monopolies and Maskirovka," I*ntelligence and National Security,* 12:4, 1997, pp 1-24, https://doi.org/10.1080/02684529708432446
- David Albright & Corey Hinderstein, "Unraveling the A. Q. Khan and Future Proliferation Networks," *The Washington Quarterly,* 28:2, Spring 2005, pp 111-128, https://doi.org/10.1162/0163660053295176

<u>Further Reading</u>
- Alexander H. Montgomery & Adam Mount, "Misestimation: Explaining US Failures to Predict Nuclear Weapons Programs," *Intelligence and National Security,* 29:3, 2014, pp 357-386, https://doi.org/10.1080/02684527.2014.895593
- Warner Farr, *The Third Temple's Holy of Holies: Israel's Nuclear Weapons,* Counterproliferation Paper No. 2, 1999, 46pp, http://www.dtic.mil/docs/citations/ADA424783

WEEK 10

23 October: Collapse of Soviet Union
Strategic Surprise

<u>Reading</u>
- Robert M. Gates, "Through a Glass Darkly: The Prediction of Soviet Intentions," *Studies in Intelligence,* 17:1, https://www.cia.gov/library/center-for-the-study-of-intelligence/kent-csi/vol16no4/html/v17i1a06p_0001.htm
- Bruce D. Berkowitz, "U.S. Intelligence Estimates of the Soviet Collapse: Reality and Perception," *International Journal Of Intelligence and Counterintelligence*, 21:2, 2008, pp 237-250, https://doi.org/10.1080/08850600701854052
- Jeremi Suri, "Explaining the End of the Cold War: A New Historical Consensus?" *Journal of Cold War Studies*, 4:4, Fall 2002, pp 60-92, https://www.mitpressjournals.org/doi/10.1162/15203970260209518
- Douglas J. MacEachin, "The Record Versus the Charges: CIA Assessments of the Soviet Union," *Studies in Intelligence,* 40:5, 1997, pp 57-65, https://www.cia.gov/library/center-for-the-study-of-intelligence/kent-csi/vol40no5/pdf/v40i5a08p.pdf

<u>Further reading</u>
- David Arbel and Ran Edelist, *Western Intelligence and the Collapse of the Soviet Union 1980–1990,* London: Frank Cass, 2003, 338 pp
- Christopher I. Xenakis, *What Happened to the Soviet Union? How and Why American Sovietologists Were Caught by Surprise*, Westport, CT: Praeger Publishers, 2002, 237 pp

25 October: Briefing books due / In-class Updates

WEEK 11

30 October: 9/11 (& More Strategic Surprise**)**

<u>Reading</u>
- Amy B. Zegart, "September 11 and the Adaptation Failure of U.S. Intelligence Agencies," *International Security,* 29:4, Spring 2005, pp 78-111, https://muse.jhu.edu/article/184430/pdf

- Stephen Marrin, "The 9/11 Terrorist Attacks: A Failure of Policy Not Strategic Intelligence Analysis," *Intelligence and National Security,* 26:2-3, 2011, pp 182-202, https://doi.org/10.1080/02684527.2011.559140
- Browse: *National Commission on Terrorist Attacks Against the United States,* 2001 (9/11 Commission), https://www.9-11commission.gov/

1 November: No class – FACDIS Meeting

WEEK 12

6 November: Iraq WMD

Reading
- Robert Jervis, "Reports, Politics, and Intelligence Failures: The Case of Iraq," *Journal of Strategic Studies*, 29:1, 2006, pp 3-52, https://doi.org/10.1080/01402390600566282
- Philip H.J. Davies, "Intelligence Culture and Intelligence Failure in Britain and the United States," *Cambridge Review of International Affairs*, 17:3, 2004, pp 495-520, https://doi.org/10.1080/0955757042000298188
- Browse: Special Advisor to the Director of Central Intelligence, Comprehensive Revised Report with Addendums on Iraq's Weapons of Mass Destruction, 2004 (Duelfer Report), 2005, https://www.gpo.gov/fdsys/search/pagedetails.action?granuleId=&packageId=GPO-DUELFERREPORT&fromBrowse=true

8 November: *Flex/Catch-up day*

Analytical Essays #2 due

WEEK 13

13 November: Russia
                      China
                      Maskirovka, Kompramat, and Guanxi (關係)

Reading
- Gleb Pavlovsky, "Russian Politics Under Putin: The System Will Outlast the Master," *Foreign Affairs,* 95:10, 2016, pp 10-17, https://heinonline.org/HOL/P?h=hein.journals/fora95&i=446
- Kenneth Keating, "Maskirovka: The Soviet System of Camouflage," U.S. Army Russian Institute, 1981, http://www.dtic.mil/docs/citations/ADA112903
- David V. Gioe, "Cyber Operations and Useful Fools: the Approach of Russian Hybrid Intelligence," *Intelligence and National Security,* 2018, https://doi.org/10.1080/02684527.2018.1479345
- Philip M. Breedlove, "Russian Interference in Domestic Politics," Prepared statement for HASC Hearing on "State and Non-State Actor Influence Operations:

Recommendations for U.S. National Security," 21 March 2018, https://docs.house.gov/meetings/AS/AS00/20180321/108048/HHRG-115-AS00-Wstate-BreedloveP-20180321.pdf
- Peter Mattis, "China Reorients Strategic Military Intelligence," *IHS Jane's,* 8 March 8 2017, http://www.janes.com/images/assets/484/68484/China_reorients_strategic_military_intelligence_edit.pdf
- Stéphane Lefebvre, "China and S&T Intelligence-Gathering Activities Against the United States, "*American Intelligence Journal,* 29:2, 2011, pp 46-54, https://www.jstor.org/stable/26201950
- John Garnaut, "China's Influence," Prepared statement for HASC Hearing on "State and Non-State Actor Influence Operations: Recommendations for U.S. National Security," 21 March 2018, https://docs.house.gov/meetings/AS/AS00/20180321/108048/HHRG-115-AS00-Wstate-GarnautJ-20180321.pdf
- Browse: UNITED STATES OF AMERICA v. VIKTOR BORISOVICH NETYKSHO, et al. Indictment filled 13 July 2018, https://www.justice.gov/file/1080281/download

Further reading
- Marquis de Custine, *Russia: As It Is,* translated from the French, 1854, https://archive.org/details/russiatranslated1934cust
- Roger Beaumont, Maskirovka: Soviet Camouflage, Concealment and Deception, STRATECH Studies SS83-1, Stratech Studies Series, Texas A&M, 1982, 59pp, http://www.dtic.mil/docs/citations/ADB971047
- Christopher Andrew, "KGB Foreign Intelligence from Brezhnev to the Coup," in *Espionage: Past, Present and Future?*, Wesley K. Wark (Ed.), CRC Press, 1994, pp 51-67
- Morgan Mayer, "A Little Masquerade: Russia's Evolving Employment of Maskirovka," US Army School for Advanced Military Studies, 2016, 61pp, http://www.dtic.mil/docs/citations/AD1022096
- Alena Ledeneva, "'Blat' and 'Guanxi': Informal Practices in Russia and China," *Comparative Studies in Society and History,* 50:1, January 2008, pp 118-144, https://www.jstor.org/stable/27563657
- Mikhail Tsypkin, "Russia's Failure*," Journal of Democracy,* 17:3, July 2006, pp 72-85, https://muse.jhu.edu/article/200117/pdf
- Alena V. Ledeneva, *Can Russia Modernise? Sistema, Power Networks, and Informal Governance,* Cambridge University Press, 2013, 332pp

Optional Video
- HASC Hearing on *State and Non-State Actor Influence Operations: Recommendations for U.S. National Security,* 21 March 2018, 2118 Rayburn House Office Building, Washington, DC 20515, https://armedservices.house.gov/hearings/state-and-non-state-actor-influence-operations-recommendations-us-national-security

15 November: Emerged and Future Tech
                UAVs, (more) cyber, AI

Reading
–   Stuart J. D. Schwartzstein, "Export Controls on Encryption Technologies," *SAIS Review,* 16:1, Winter-Spring 1996, pp 13-34, https://muse.jhu.edu/article/30304
–   Marcos Degaut, "Spies and Policymakers: Intelligence in the Information Age," *Intelligence and National Security*, 31:4, 2016, pp 509-531, https://doi.org/10.1080/02684527.2015.1017931
–   Puong Fei Yeh, "Automated Analysis: The Case for Using Robots in Intelligence Analysis," *Studies in Intelligence,* Vol 59, No. 4, December 2015, original pdf https://www.cia.gov/library/center-for-the-study-of-intelligence/csi-publications/csi-studies/studies/vol-59-no-4/pdfs/Yeh-Automated-Analysis.pdf & easier to read html version https://www.cia.gov/library/center-for-the-study-of-intelligence/csi-publications/csi-studies/studies/vol-59-no-4/robots-in-intelligence-analysis.html

Further reading
–   Gail Harris and Pam A. McLaughlin, *Woman's War: The Professional and Personal Journey of the Navy's First African American Female Intelligence Officer,* Scarecrow Professional Intelligence Education Series, Vol 10, 2010.
–   Rodrick Wallace, *Carl von Clausewitz, the Fog-of-War, and the AI Revolution: The Real World Is Not A Game Of Go*, Springer, 2018

WEEK 14

20 & 22 November: *Thanksgiving Break*

WEEK 15

27 & 29 November: **Final Project Briefings**

WEEK 16

4 December: **Analytical Simulation**

No Final Exam

One Last Thought

Collaboration, sharing ideas, etc.

"Talk about your ideas. Help your colleagues work out their problems. Pay attention to what other people are doing, and see if you can learn something, or if you can contribute.

"Other than the mundane goal of getting your degree, you are in school to push back the frontiers of knowledge. You do this by generating and exploring new ideas. There is no way that you will ever be able to explore all of the ideas that you generate, but some of those ideas that you discard might be just what some of your colleagues are looking for.

"Human nature tends to make us want to hoard our own ideas. You have to fight against that. Human nature also tends to make us treat other people's ideas with disrespect. The closer the idea to our own area of research, the more likely some part of our brain will try to find fault with it. Fight against that even harder.

"You will find many people in academia who give in to the dark side. These Stealth Researchers never discuss what they are working on, except in vague and deceptive terms. They are experts at finding fault with the work of their colleagues. The Stealth Researcher writes papers that make very grand claims, but you can never quite figure out what they've accomplished and what they haven't. He is a master at omitting the key detail of the design or process that would enable others to follow his work. The Stealth Researcher is a knowledge diode, a roach motel for information. He has replaced the fundamental goal of discovery and publication with the twin evils of ego and empire.

"Be open about what you are working on. Be honest about what you've done, and even more honest about what you haven't. Don't ever hide an idea for fear that someone will steal it, even if you are talking to a Stealth Researcher. With patience, maybe we can cure them."

Prof Kristofer S.J. Pister, Electrical Engineering and Computer Science, UC Berkeley