

INTA 4500 A -- INTA Pro-Seminar

21ST CENTURY SECURITY CHALLENGES

Spring 2015



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Sam Nunn School of International Affairs

3 credits
3-6PM M
Ivan Allen College 136

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Course Description

What are the Grand Challenges of the 21stC for national and international security? How is the concept of security changing in the 21st Century? How does one create, implement, and execute security strategies, policy, and operations effectively in the 21st Century? How are the roles of international, regional, national, and local institutions, alliances, and transnational networks changing and affecting global security? (And driving or impeding governance changes?) This seminar will explore the structures, strategies, major objectives, leaders, varying approaches, and contravening forces affecting security policy. We will consider the role of geopolitical, cultural, and economic, knowledge, along with the promises & perils of technology and socio-technical inquiry. Students will make decisions as a group; prepare and brief topics based on those group decisions; collaboratively develop action and info memos representing governmental entities (just like in the US Government) and write joint white papers reconciling perspectives that makes recommendations related to current or future challenges; participate in a National Security Council (NSC) simulation; and take part in an exercise modeled on analytical practices of the intelligence community.

4 January 2015

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.
- 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) *Teamworking Skills:* Students will be able to work in small groups in a way that demonstrates respect for their colleagues and efficiency in working collaboratively towards projects and goals.
- 4) *USG BOR Social Science General Education:* Students will demonstrate the ability to describe the social, political, and economic forces that influence social behavior.
- 5) *USG BOR Global Perspective General Education:* Students will demonstrate the ability to describe the social, political, and economic forces that influence the global system.

Class Requirements

- 1) Attendance & Participation (10%)
- 2) Personal Narrative (10%)
- 3) Class Presentation (15%)
- 4) Individual Policy Memo (10%)
- 5) Collaborative Policy Memo (25%)
- 6) National Security Council Simulation (10%)
- 7) Analytical Simulation Exercise (10%)
- 8) Self-Assessment and Final Evaluation (10%)

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.

Personal Narrative

The Personal Narrative (PN) is one of the screening steps for Foreign Service in which you answer questions describing the knowledge, skills, and abilities you would bring to the Foreign Service. The PN offers you the opportunity to highlight not just what you have done, but how you did it and what you learned. You should provide examples from your experiences that show you have the skills to be a successful FSO. Additional guidance will be distributed in class.

Length: Minimum 1000 words. Maximum 2000 words. Roughly 2-4 pages.

Draft of your PN is due electronically to MEK NLT 1200, Monday 12 January. Do **NOT** put your name on it.

Revised/interim version (with your name on it) due electronically to MEK NLT 1800, Friday 30 January.

Final version due electronically to MEK NLT 1700, Friday 17 April.

Class Presentation

Throughout the first half of the semester, you will present (30-40 minutes) on a topic related to the course as decided by the class and lead discussion. Additional guidance will be discussed in class.

Individual Action Memo

Proposed topic and department representing, in the form of a 50-100 word abstract/proposal, due electronically to MEK NLT 1200, Monday 2 February.

Draft individual action memo due electronically to MEK NLT 1800, Monday 16 February.

Final individual action memo due electronically to MEK NLT 1200, Monday 9 March.

Collaborative Policy Proposal & NSC Simulation

These will be done in groups of 3-4, *working together*. [The final number will be dependent on final enrollment in class.] Students may assume roles representing national defense concerns (e.g., DoD); foreign policy interests (e.g., State Dept), the intelligence community (e.g., CIA, DNI), law enforcement (e.g., DOJ or FBI), homeland security (e.g., DHS), public health (e.g., CDC), commerce, or other as discussed. Together each group will choose a topic related to the course and generate policy recommendations. The deliverables will be (1) an individually-crafted 1 to 2-page policy info memo written from your perspective and (2) a jointly-crafted 5-6 page white paper reconciling the positions and recommending actions. Further guidance will be distributed in class

Formatting

- Length: Indicated above.
- Font size: Maximum 12-point font, minimum 10-point.
- Margins: No larger than 1" all around.
- Grammar counts.

Each group will be responsible for a 20-30 minute presentation on their policy proposal: 10-15 minutes for the reconciled proposal and recommendations and 10-15 minutes for questions from the class.

Collaborative policy memo groups, departmental representation, and proposed topic in the form of a 50-100 word abstract/proposal due electronically to MEK NLT 1200, Monday 23 February.

Collaborative policy proposal individual info memo & joint reconciled white paper is due NLT 1200, Friday 3 April and will be presented in class on Monday 6 April as part of the National Security Council Simulation.

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 20 April, i.e., the last day of class. Additional information will be distributed.

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. If you have a scheduling conflict, please contact me before the assignment is due.

Course Materials

Three texts are required:

1. US National Intelligence Council (NIC), *Global Trends 2030: Alternative Worlds*, December 2012 <http://www.dni.gov/index.php/about/organization/global-trends-2030> & browse related publications, <http://www.dni.gov/index.php/about/organization/national-intelligence-council-nic-publications>
2. Robert Martinage, *Toward a New Offset Strategy: Exploiting U.S. Long-Term Advantages to Restore U.S. Global Power Projection Capability*, CSBA Report, October 2014, <http://www.csbaonline.org/publications/2014/10/toward-a-new-offset-strategy-exploiting-u-s-long-term-advantages-to-restore-u-s-global-power-projection-capability/> & video <http://www.csbaonline.org/2014/12/12/videos-toward-a-new-offset-strategy/>
3. Sheila R. Ronis (ed), *Forging an American Grand Strategy: Securing a Path Through a Complex Future. Selected Presentations from a Symposium at the National Defense University*, October 2013, <http://www.strategicstudiesinstitute.army.mil/pubs/display.cfm?pubID=1177>

All texts are available online.

Optional texts:

1. T.X Hammes, *The Sling and the Stone*, February 2006

2. Anna Simons, Joe McGraw, & Duane Lauchengco, *The Sovereignty Solution: A Common Sense Approach to Global Security*, December 2011
3. Andrew Krepinevich, *7 Deadly Scenarios: A Military Futurist Explores the Changing Face of War in the 21st Century*, 2005
4. Colin Gray, *Another Bloody Century*, 2010
4. Volker C Franke & Robert H. Dorff (eds.), *Conflict Management and Peacebuilding: Pillars of a New American Grand Strategy*, October 2013,
<http://www.strategicstudiesinstitute.army.mil/pubs/display.cfm?pubID=1165>
5. As a comparison, US National Intelligence Council (NIC), *Global Trends 2015: A Dialogue About the Future With Nongovernment Experts*, December 2000,
http://www.dni.gov/files/documents/Global%20Trends_2015%20Report.pdf

Other short articles or reading may be required reading; these will be announced in class and distributed or posted on the T-square course website (<https://t-square.gatech.edu>).

Additional optional course resources will be available through the T-square course website.

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.*

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.

**THE SYLLABUS IS DYNAMIC AND
IS LIKELY TO BE UPDATED
THROUGHOUT THE SEMESTER.**

Course Calendar and Content

WEEK 1

5 January: Introduction; framing the course, current problems, policy, doctrine, and debate; establishing process

- Andrew Holland, “14 Challenges in the Secretary of Defense’s Inbox on Day 1,” 26 November 2014, <http://www.americansecurityproject.org/14-challenges-in-the-secretary-of-defenses-inbox-on-day-1/>
- Robert L. Gallucci, “How Scholars Can Improve International Relations,” *The Chronicle of Higher Education*, 26 November 2012, <http://chronicle.com/article/How-Scholars-Can-Improve/135898/>
- Tom Nichols, “The Death of Expertise,” *The War Room* (blog), 11 December 2013, <http://tomnichols.net/blog/2013/12/11/the-death-of-expertise/>
- Michele Acuto and Parag Khanna, “Nations are No Longer Driving Globalization - Cities Are,” *Quartz*, 03 May 2013, <http://qz.com/80657/the-return-of-the-city-state/>
- James Stavridis, “The Dark Side of Globalization,” *WaPo*, 31 May 2013, http://articles.washingtonpost.com/2013-05-31/opinions/39658000_1_chemical-weapons-mass-destruction-cartels
- Phillip Breedlove, “The New NATO,” *The Three Swords Magazine*, November 2014, pp 16-19, <http://www.jwc.nato.int/the-three-swords-magazine-archive>

Proposed class topics due electronically to MEK NLT 1200, Sunday 11 January.

WEEK 2

12 January: Strategic forecasting, trends, and views on the future, methods

- NIC Global Trends 2030: Alternative Worlds, <http://www.dni.gov/index.php/about/organization/global-trends-2030> & browse related publications, <http://www.dni.gov/index.php/about/organization/national-intelligence-council-nic-publications>
- CSA SSG II, “Megacities and the United States Army: Preparing for a Complex and Uncertain Future,” June 2014
- Scott J. Kinner, Quick Look Report 2nd International Urban Operations Convention, 17 November 2014
- Aaron Frank, et al., “Dealing with Femtorisks in International Relations,” *Proceedings of the National Academy of Sciences (PNAS)*, 9 December 2014, vol 111, pp 17356-17362, <http://www.pnas.org/content/111/49/17356.full?sid=cd471cd3-482a-47a3-843c-f3e6ba032eef>

Draft Personal Narrative (PN) due electronically to MEK NLT 1200 Monday, 12 January. Do **NOT** put your name on it.

Electronic voting on class topics will close/end no earlier than 1800, Friday 16 January.

WEEK 3**19 January:** No Class MLK Day**WEEK 4****26 January:** S&T Trends

- Robert Martinage, *Toward a New Offset Strategy: Exploiting U.S. Long-Term Advantages to Restore U.S. Global Power Projection Capability*, CSBA Report, October 2014, <http://www.csbaonline.org/publications/2014/10/toward-a-new-offset-strategy-exploiting-u-s-long-term-advantages-to-restore-u-s-global-power-projection-capability/> & video <http://www.csbaonline.org/2014/12/12/videos-toward-a-new-offset-strategy/>
- Ben Fitzgerald, Kelley Sayler, & Shawn Brimley, *Game Changers: Disruptive Technology and U.S. Defense Strategy*, CNAS Report, 27 September 2013, http://www.cnas.org/sites/default/files/publications-pdf/CNAS_Gamechangers_BrimleyFitzGeraldSayler.pdf
- Kavita M. Berger & Jennifer Roderick, *National and Transnational Security Implications of Big Data in the Life Sciences*, AAAS Report, November 2014, <http://www.aaas.org/report/national-and-transnational-security-implications-big-data-life-sciences>
- Noah Shachtman, “How Technology Almost Lost the War: In Iraq, the Critical Networks Are Social - Not Electronic,” *Wired*, 27 November 2007, volume 15, http://www.wired.com/politics/security/magazine/15-12/ff_futurewar

Revised interim PN (with your name on it) due electronically to MEK NLT 1800, Friday 30 January.

WEEK 5**2 February:** Institutions, American Power, Strategy

- Robert Gates, “Beyond Guns and Steel: Reviving the Nonmilitary Instruments of American Power,” *Military Review*, Jan-Feb 2008, pp 2-9, http://usacac.army.mil/CAC2/MilitaryReview/Archives/English/MilitaryReview_20080228_art004.pdf
- James Stavridis & Anthony Zinni, “Civilian ‘smart power’ key to real victor,” *USA Today*, 4 December 2013, <http://www.usatoday.com/story/opinion/2013/12/03/us-security-globalization-military-column/3863197/>
- Sheila R. Ronis (ed), *Forging an American Grand Strategy: Securing a Path Through a Complex Future. Selected Presentations from a Symposium at the National Defense University*, October 2013, <http://www.strategicstudiesinstitute.army.mil/pubs/display.cfm?pubID=1177>

- Margaret E. Kosal, *On the Role of Science Diplomacy in the 21st Century*, Remarks prepared for the 2nd Annual Neuriter Roundtable on Science Diplomacy, 18 December 2013, Washington DC

Individual Policy Memo proposed topic, department representing, and topic in the form of a 50-100 word abstract/proposal due electronically to MEK NLT 1200 Monday, 2 February.

WEEK 6

9 February: *Topic determined by class*

Student presentations #1 & #2

WEEK 7

16 February: Guest Lecturer

Draft individual policy memo due to MEK NLT 1800, Monday 16 February.

WEEK 8

23 February:

Student presentations #3, #4, #5

Collaborative policy memo groups, departmental representation, and proposed topic in the form of a 50-100 word abstract/proposal due electronically to MEK NLT 1200 Monday, 23 February.

WEEK 9

2 March: *Topic determined by class*

Student presentations #6 , #7, #8

WEEK 10

9 March: *Topic determined by class*

Student presentations #9 & #10

Final individual policy memo due to MEK NLT 1200, Monday 9 March.

16 – 20 March SPRING BREAK

WEEK 11

23 March: Guest lecturers

WEEK 12

30 March: *Topic determined by class*

Student presentations #11 & #12

Policy proposal individual info memo and white papers due NLT 1200, Friday 3 April

WEEK 13

6 April: **National Security Council Simulation**

WEEK 14

13 April: *Topic determined by class*

Final PN due electronically to MEK NLT 1700, Friday 17 April.

WEEK 15

20 April: **Analytical Simulation**

Listen:

- Lieutenant General Michael T. Flynn, 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>

General Intelligence Analysis:

- ODNI, *US National Intelligence, An Overview*, 2013 <http://www.dni.gov/files/documents/USNI%202013%20Overview%20web.pdf>
- Lisa Krizan, *Intelligence Essentials for Everyone*, Joint Military Intelligence College, Occasional Paper #6, June 1999, <http://www.ndic.edu/press/8342.htm>
- 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>

Wednesday, 29 April

- Self-Assessment and Final Evaluation due electronically to MEK NLT 1740, Wednesday, 29 April, i.e., the Final Exam period.

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*