

**HTS 3803/8803**  
**History of Intelligence and National Security:**  
**Cold War Espionage and the Growth of the National Security State**  
**Professor Kristie Macrakis**  
**Fall 2013**

Class Meets: MWF: 1:05-1:55  
Instructional Media Center 117  
Professor Kristie Macrakis: [macrakis@gatech.edu](mailto:macrakis@gatech.edu), (404) 894-2185  
Old Civil Engineering Building Room 120  
Office Hours: MW 2:00-3:00 pm or after class or by appointment

Did espionage affect the course of the Cold War or did the Cold War spawn forty years of mystery, international intrigue, spy wars and periods of spy mania, leading to the largest national security state in history? Starting with a fresh look at the case of Julius and Ethel Rosenberg -- how they got caught and whether or not they were guilty -- and ending with the saga of Edward Snowden and the NSA surveillance controversy -- this course examines the Cold War's most important spy cases and operations to better understand the interplay between the world of secrets and the world of statecraft and technology. After all, the global conflict was a clash between governments with opposing ideologies as well as a war between intelligence agencies.

Other topics include the rise of superpower espionage and the face-off between the CIA and the KGB, the role of technological (spy satellites, planes, submarines, intercepts) versus human espionage (spies), Berlin as spy-city and the Berlin Tunnel, a tale of two spy-novelists (Ian Fleming & John Le Carré), LSD and mind-control, defectors, moles and mole-hunting, the rise of the spy bureaucracy, spy motivations, spy catchers, and scientific-technical espionage. Finally, we will look at the case of Edward Snowden and his NSA revelations as a legacy of the Cold War enabled by 9/11 and the Patriot Act.

**Books Available at Bookstore (Engineers Bookstore)**

*Required:*

Haynes, Earl and Harvey Klehr, *Venona: Decoding Soviet Espionage in America* (New Haven: Yale University Press, 2000).

Kostin, Sergei and Eric Raynaud. *Farewell: the Greatest Spy Story of the Twentieth Century*. Amazon Kindle & Amazon Crossing (Paperback). Either edition is fine.

Le Carré, John. *The Spy Who Came in from the Cold*. (any edition is fine)

Richelson, Jeffrey. *A Century of Spies: Intelligence in the Twentieth Century*. New York: Oxford University Press. 1997. (Also available as Kindle)

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All PDF's of articles not on required reading list will be available on T-Square

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## **Requirements:**

### *1) Undergraduates*

There will be two written in class tests ( a mid-term and final), pop quizzes, class discussion and a final research paper (8-12 pages). The tests examine your understanding of the readings and class discussions. You can pick the topic of the research paper in consultation with the instructor. It can be on any topic related to the class whether one topic in depth or a topic not covered.

### *2) Undergraduates and Graduate Students*

Class attendance and participation is vital to learning and profiting from this class. It is also required. Material covered in the class will be on the tests and may not be covered in the reading. There will be occasional pop quizzes on the movies and readings at the discretion of the instructor if the students are not keeping up with the class.

READ the material *before* the class discussion. 30-60 pages a class time are assigned depending on difficulty of reading.

### *3) Graduate Students*

A major research paper, 20 pages, 50% of grade

Class attendance, discussion, preparation, participation, 50%

You will *not* be required to take the tests (though I might solicit test questions from you!)

## **Grading & Due Dates (undergrads):**

Mid-term Test : 25% (11 October)

Final Test: 25% (27 November )

Research Paper 25% (6 December)

Mid-Term Paper Outline Due: (required, rolls into research paper grad)

Class Discussion, attendance & pop quizzes on texts & movies 25%

**Grading Scale:**

A = 90-100

B = 80-89

C = 70-79

D = 60-69

F = 0-59

**Teaching Philosophy:**

I believe in *active learning*. This means I don't lecture *to* you as you passively take notes, but rather you are a fully involved student taking part in class discussion, class role-playing, pair-share, and other activities to ensure you learn something in this class.

I also want you to learn how to *think critically* and analyze material. The point is not to regurgitate facts, but rather to understand the material and to critically analyze it, think about it, discuss it and write about it.

The course should help you *improve your reading and writing skills* as critical thinking means nothing if you can't write about it in a coherent fashion without major stylistic or grammatical errors.

I want you to succeed in the class. You need to:

1. Do the reading
2. Take NOTES (preferably in a notebook for the class: What is the main point of the reading? How does the author illustrate the points? Note your reaction to the events or reading. Share them with the class. Notes will help you as you review for exams.
3. Be able to present a thumbnail sketch of the reading in class

**Georgia Tech Honor Code:**

Plagiarism and cheating is not tolerated and will be penalized. All students are expected to follow the Georgia Tech honor code. See [www.honor.gatech.edu](http://www.honor.gatech.edu).

**Etiquette:**

Cell phones, iPads & other electronic devices are not permitted to be on in class. Please silence your cell phone and turn off your devices.

Please be on time. Consistent tardiness results in an absence. You are allowed one unexcused absence. After that, you start getting points off your class attendance and participation grade. (You can't participate if you are not there).

## TOPICS

### AUGUST

#### Week Introductory

- One** 19 Introduction to Course, Syllabus, Housekeeping  
 21 Welcome to the World of Secrets (bring in your favorite book, article)  
 23 What was the Cold War? (L, D & M)

#### Part I: The Atomic Spies

- Two** 26 Venona: Decoding Soviet Espionage in America  
 28 The Atomic Spies & Industrial Espionage  
 30 Secrets, Lies and Atomic Spies (M)

### SEPTEMBER

- Three** 2 Labor Day, No Class  
 4 The Rosenberg Ring  
 6 Bentley, Alger Hiss and Whittaker Chambers

#### Part II: New Espionage Agencies against the Old: Operations, Moles & Spies

- Four** 9 The Central Intelligence Agency (CIA )Origins  
 11 US Intelligence and the Nazis  
 13 Inside the CIA: Berlin Cowboys (M)

- Five** 16 The National Security Agency (NSA) Origins  
 18 The KGB & East German Foreign Intelligence  
 20 Inside the NSA (M)

- Six** 23 Operation Gold: the Berlin Tunnel  
 25 Mind Control & Operation Bluebird, Artichoke & MKultra  
 27 Operation Gold & Mind Control (M)

**Seven** 30 The Cambridge Five

**OCTOBER**

2 Cold War Spies: Motives & How they got Caught

4 The Spy Who Came in from the Cold (M-Clip)

**Eight** 7 The Spy Who Came in from the Cold (John Le Carré)

9 A Tale of Two Spy Novelists: The Cold War Reflected in Fiction (L)

**11 MIDTERM TEST**

**Part III: Technological Espionage, Defectors & the 1960s**

**Nine** 14 Student Recess (12-15 October), No Class

16 Ike's Space Espionage: the Birth of the US Style (L)

18 Spy Satellites & Planes (D, M-Clips)

**Ten** 21 The U-2 and Gary Powers

23 The Cuban Missile Crisis & Oleg Penkovsky

25 Yuri Nosenko: Double Agent (M-Clip)

**Eleven** 28 The Nosenko/Golytsin Controversy

30 Technophilic Hubris and Espionage Styles during the Cold War

**NOVEMBER**

1 CIA in Vietnam: Operation Phoenix & Air America (M-Clip)

**Part IV: The CIA under Fire & the Rise of East Bloc Technological Espionage: the 1970s**

**Twelve** 4 The Church Investigative Committee Attacks the CIA & NSA, 1975

6 Assassination Plots & Telephone Monitoring

8 William Colby under Fire (M-Clip) (Start Farewell Book)

**Thirteen** 11 Farewell: Duping the Soviets

13 Vetrov & the Farewell Story

15 Farewell (M-Clip)

**Fourteen** 18 Sex & Espionage (for undergraduates); The War Scare (for graduate students)

20 Top Secret America

22 Edward Snowden's NSA Revelations

**Fifteen** 25 Surveillance vs. Civil Liberties: the Renewed Debate

**27 Final Test**

29 Thanksgiving Recess, No Class

**DECEMBER**

- Sixteen** 2 Dead Week: Top Secret America (M)  
 4 Dead Week: Workshop on Papers  
**6 Dead Week: Papers Due**

**READINGS (Read before the class period!)****AUGUST****Week****Introductory**

- One** 19 Introduction to Course, Syllabus, Housekeeping  
 Read the syllabus carefully. Bring in any questions. Quiz.  
 21 Welcome to the World of Secrets  
 Bring in your favorite book, article (re-read or skim for class)  
 23 What was the Cold War? (L, D & M).

Andrew, Christopher. "Intelligence during the Cold War." In Melvin Leffler and Odd Arne Westad, eds. *The Cambridge History of the Cold War. Volume II: Crisis and Détente*. Cambridge: Cambridge University Press, 2010, pps. 417-37. (PDF's on T-Square)

*For graduate students:* Garthoff, Raymond L. (Spring 2004). "Foreign Intelligence and the Historiography of the Cold War". *Journal of Cold War Studies* 6 (2): 21–56. (PDF)

**Part I: The Atomic Spies**

- Two** 26 Venona: Decoding Soviet Espionage in America,  
 Haynes/Klehr, pps. 1-56, Richelson, 224-31  
 28 The Atomic Spies & Industrial Espionage,  
 Haynes/Klehr, pps. 287-330  
 30 Secrets, Lies and Atomic Spies (M)  
 Start Usdin pdf: Steven T. Usdin, The Rosenberg Ring Revealed: Industrial-Scale Conventional and Nuclear Espionage," *Journal of Cold War Studies* Volume 11, Number 3 (Summer 2009): 91-143.

**SEPTEMBER**

- Three** 2 Labor Day, No Class  
 4 The Rosenberg Ring  
 Finish Steven Usdin pdf (30 Sept)-to be discussed today  
 6 Bentley, Alger Hiss and Whittaker Chambers  
 Haynes/Klehr, pps. 93-115, 331-337

## Part II: New Espionage Agencies against the Old: Operations, Moles & Spies

### Four 9 The Central Intelligence Agency (CIA )Origins

Richelson, pps. 215-224, Ranelagh, PDF, pps. 15-36.

#### 11 US Intelligence and the Nazis

Click on this link. <http://www.gwu.edu/~nsarchiv/NSAEBB/NSAEBB146>: Read the article "The CIA and Nazi War Criminals" and click on link "Volume 1:Introduction," which gets you to the CIA de-classified document on the CIA and Origins of the BND and select one document highlighted in blue to print, read and report on in class.

#### 13 Inside the CIA: Berlin Cowboys (M)

"The Evolution and Origins of the Postwar Intelligence Community." In

[http://www.aarclibrary.org/publib/church/reports/book1/html/ChurchB1\\_0014a.htm](http://www.aarclibrary.org/publib/church/reports/book1/html/ChurchB1_0014a.htm)

### Five 16 The National Security Agency (NSA) Origins

Matthew Aid. *The Secret Sentry*, pps. 1-24, 41-44. (PDF)

#### 18 The KGB & East German Foreign Intelligence

Richelson, pps. 269-71. Christopher Andrew and Vasili Mitrokhin, *The Mitrokhin Archive: The KGB in Europe and the West*, pps. 1-22 (PDF).

Kristie Macrakis. "The Case of Agent Gorbachev." *American Scientist*. PDF.

#### 20 Inside the NSA (M)

Select 30 pages from Vol. Five: The National Security Agency and Fourth Amendment Rights and report on [http://www.aarclibrary.org/publib/contents/church/contents\\_church\\_reports\\_vol5.htm](http://www.aarclibrary.org/publib/contents/church/contents_church_reports_vol5.htm)

### Six 23 Operation Gold: the Berlin Tunnel

Read Richelson, pps. 262-264. T.H. E. Hill. "The Berlin Tunnel Operation Gold (U.S.) Operation Stopwatch (U.K.) available at this link: [http://www.coldwar.org/articles/50s/berlin\\_tunnel.asp#bt3](http://www.coldwar.org/articles/50s/berlin_tunnel.asp#bt3) and "Clandestine Services History: The Berlin Tunnel Operation, 1952-1956." Primary Document, available at: <http://www.fas.org/irp/cia/product/tunnel-200702.pdf>

#### 25 Mind Control & Operation Bluebird, Artichoke & MKultra

Read this Senate Select Committee Report:

[http://www.nytimes.com/packages/pdf/national/13inmate\\_ProjectMKULTRA.pdf](http://www.nytimes.com/packages/pdf/national/13inmate_ProjectMKULTRA.pdf)

#### 27 Operation Gold & Mind Control (M)

Read attached documents at the end of the report:

[http://www.nytimes.com/packages/pdf/national/13inmate\\_ProjectMKULTRA.pdf](http://www.nytimes.com/packages/pdf/national/13inmate_ProjectMKULTRA.pdf)

Optional: John Mark's book: *The Search for the Manchurian Candidate: the CIA and Mind Control*, is available at: <http://www.druglibrary.org/schaffer/lsd/marks.htm>

Complete PDF File of MK Ultra Documents: <http://www.abuse-of-power.org/foia-mkultra-document-archive>

### Seven 30 The Cambridge Five

Richelson, pps. 87-100.

Select one report part from the FBI Vault, read it and report on it in class:

<http://vault.fbi.gov/Cambridge%20Five%20Spy%20Ring> (Link on Cambridge Five Spy Ring.

Primary documents.)

For a quick overview of the five

see: [http://news.bbc.co.uk/2/hi/special\\_report/1999/09/99/britain\\_betrayed/444058.stm](http://news.bbc.co.uk/2/hi/special_report/1999/09/99/britain_betrayed/444058.stm)

Optional: Kim Philby, *My Silent War*, published by Macgibbon & Kee Ltd, London, 1968.

## OCTOBER

2 Cold War Spies: Motives & How they got Caught

Possible Visit by Jeffrey Carney.

Read: Stan A. Taylor and Daniel Snow, "Cold War Spies: Why They Spied and How They Got Caught," *Intelligence and National Security* Volume 12, Number 2 (January 2008): 101-125. (PDF)

4 The Spy Who Came in from the Cold (M-Clip)

John Le Carré. *The Spy Who Came in from the Cold*, pps. 1-60 (Chs. 1-7)

**Eight** 7 The Spy Who Came in from the Cold (John Le Carré)

John Le Carré. Pps. 61-140. (chs. 8-16)

9 A Tale of Two Spy Novelists: The Cold War Reflected in Fiction (L)

John Le Carré. Pps. 141-212. (Chs. 17-26)

## 11 MIDTERM TEST

### Part III: Technological Espionage, Defectors & the 1960s

**Nine** 14 Student Recess (12-15 October), No Class

16 Ike's Space Espionage: the Birth of the US Style (L)

Taubman, Philip. *Secret Empire*. Pps. xi-xvi, 3-34. PDF.

18 Spy Satellites & Planes (D, M-Clips)

Richelson, pps. 295-301.

**Ten** 21 The U-2 and Gary Powers

Richelson, pps. 264-268, 293-294.

The CIA's previously classified history of the U-2 (just released August 2013). PDF and online:  
<http://www2.gwu.edu/~nsarchiv/NSAEBB/NSAEBB434>

23 The Cuban Missile Crisis & Oleg Penkovsky

Read

Richelson, pps. 274-79, 299, 310-319.

Len Scott, "Espionage and the Cold War: Oleg Penkovsky and the Cuban Missile Crisis," *Intelligence and National Security* Volume 14, Number 3 (1999): 23-47. PDF.

*For Graduate Students:* Aleksandr Fursenko and Timothy Naftali, "Soviet Intelligence and the Cuban Missile Crisis," *Intelligence and National Security* Volume 13, Number 1 (1998): 64-87. (PDF)

*Optional:* CIA documents on the Cuban Missile Crisis: <https://www.cia.gov/library/center-for-the-study-of-intelligence/csi-publications/books-and-monographs/Cuban%20Missile%20Crisis1962.pdf>  
and [http://www.gwu.edu/~nsarchiv/nsa/cuba\\_mis\\_cri/index.htm](http://www.gwu.edu/~nsarchiv/nsa/cuba_mis_cri/index.htm)

25 Yuri Nosenko: Double Agent (M-Clip)

Richelson, pps. 286-92.

**Eleven 28 The Nosenko/Golytsin Controversy**

Read Richards J. Heuer, Jr. . Five Paths to Judgment.” pps. 379-414. From *Inside the CIA's World*. Yale, 1995. [http://intellit.muskingum.edu/alpha\\_folder/H\\_folder/Heuer\\_on\\_NosenkoV1.pdf](http://intellit.muskingum.edu/alpha_folder/H_folder/Heuer_on_NosenkoV1.pdf)  
 For optional literature see: [http://intellit.muskingum.edu/cia\\_folder/ciaingleton\\_folder/ingletonrela-e.html](http://intellit.muskingum.edu/cia_folder/ciaingleton_folder/ingletonrela-e.html)

**30 Technophilic Hubris and Espionage Styles during the Cold War**

Kristie Macrakis. “Technophilic Hubris and Espionage Styles during the Cold War.” *Isis*. PDF.

**NOVEMBER****1 CIA in Vietnam: Operation Phoenix & Air America (M-Clip)**

Hearings: <http://homepage.ntlworld.com/jksonc/docs/phoenix-scfr-19700217.html>

**Part IV: The CIA under Fire & the Rise of East Bloc Technological Espionage: the 1970s****Twelve 4 The Church Investigative Committee Attacks the CIA & NSA, 1975****6 Assassination Plots & Mail Opening**

Select 30 pages of either assassination plots hearing or mail opening to report on in class:

Church Committee Hearings: Assassination Plots:

[http://www.aarclibrary.org/publib/contents/church/contents\\_church\\_reports\\_ir.htm](http://www.aarclibrary.org/publib/contents/church/contents_church_reports_ir.htm)

Mail Opening: [http://www.aarclibrary.org/publib/contents/church/contents\\_church\\_reports\\_vol4.htm](http://www.aarclibrary.org/publib/contents/church/contents_church_reports_vol4.htm)

**8 William Colby under Fire (M-Clip)**

Start Kostin/Reynaud. *Farewell*, Foreword, Introduction, Chapters. 1-10, pps. 1-102.

**Thirteen 11 Farewell: Duping the Soviets**

Gus Weiss. “Duping the Soviets.” Available here:

<https://www.cia.gov/library/center-for-the-study-of-intelligence/kent-csi/vol39no5/pdf/v39i5a14p.pdf>

**13 Vetrov & the Farewell Story**

Kostin/Reynaud. *Farewell*, Chapters 11-27, pps. 103-277. (Skim)

**15 Farewell (M-Clip)**

Kostin/Reynaud. *Farewell*, Chapters 28-35, pps. 278-381.

**Fourteen 18 Sexspionage (for undergraduates); The War Scare (for graduate students)**

Nigel West. *Historical Dictionary of Sexpionage*, introduction (read on google books). David Lewis.

*Sexpionage: the Exploitation of Sex by Soviet Intelligence Operatives*. Tbd

Graduate Students: The 1983 War Scare:

<http://www.gwu.edu/~nsarchiv/NSAEBB/NSAEBB426>

**20 Top Secret America**

James Bamford. “The NSA is Building the Country’s Biggest Spy Center” *Wired*. 3.15.2012. PDF

**22 Edward Snowden’s NSA Revelations**

James Bamford. “They Know much More than You Think.” *New York Review of Books*, 15 August 2013.

(PDF) & available on <http://www.nybooks.com/articles/archives/2013/aug/15/nsa-they-know-much-more-you-think>

See <http://edward-snowden.net>. for collections of articles. Read the Guardian on the PRISM program and XKeyscore (<http://www.theguardian.com/world/2013/jul/31/nsa-top-secret-program-online-data>) and select two other meaty articles to report on.

**Fifteen** 25 Technical Surveillance vs. Civil Liberties: the Renewed Debate

Take a stand on this debate and be prepared to debate it in class. Use whatever sources you like.

**27 Final Test**

29 Thanksgiving Recess, No Class

**DECEMBER**

**Sixteen** 2 Dead Week: Top Secret America (M)

Read the 2010 Washington Post articles: <http://projects.washingtonpost.com/top-secret-america>

4 Dead Week: Workshop on Papers

**6 Dead Week: Papers Due**

**Useful Websites**

<http://edward-snowden.net> (collects all the stories)

[http://www.afio.com/40\\_guide.htm](http://www.afio.com/40_guide.htm)

Federation of American Scientists [Intelligence Resource Program](#)--  
with guides to intelligence services around the world

[National Archives](#)

British [Public Record Office](#) [Press for [Catalogue Search](#)]

University of Michigan's [Guide to U.S. Federal Government  
Historical Documents](#)

Yale University's [Avalon Project](#)

[Lexis-Nexis Congressional](#) - Full text access to congressional  
hearings, reports, bills, legislative histories, etc. This includes the  
contents of *Congressional Information Service*.

U.S. Department of State on-line edition of [Foreign Relations of the  
United States](#)

**Espionage History Links**

University of Michigan's On-Line Index to the documents of the  
[National Security Agency](#)

[National Security Agency](#) -- contains links to two key collections: the VENONA archive of captured Soviets coded communications; and documents on the Cuban Missile Crisis.

[National Security Archive](#)

CIA--[www.cia.gov](http://www.cia.gov) allows full-text search a growing number of key Cold War era documents, including 896 declassified analyses/assessments of the Soviet Union, 1951-1991; 771 documents on the Bay of Pigs; 756 documents on US intervention in Guatemala; 179 documents on "Lt. Col. Oleg Penkovsky: Western Spy in Soviet GRU"; and 70 documents on "Francis Gary Powers: U-2 Pilot Shot Down by the Soviets."

[FBI's Electronic Reading Room](#) - Full-text Declassified facsimile files of the U.S. war on communism.

[International Spy Museum](#)

[Russian FSB](#) -- the former KGB's home page

MI6--SIS [Secret Intelligence Service](#) of the United Kingdom

MI5--UK's Homeland [Security Service](#)

Ministry of Public Security (UB) of Poland

[Dossiers](#) of Security Police members from 1944 in English

[Torture methods](#) of the Polish UB, 1944-1963

CSIS--[Canadian Secret Intelligence Service](#)