### Syllabus for Econ 164aw: The Industrial Revolution in Western Europe Winter 2021 TTH TuTh 12:30-1:50p, Virtual

Instructor: Dan Bogart, Professor Economics Office: SSPA 3109 dbogart@uci.edu Office Hours: Tuesdays 3:00-4:00, Thursdays 2-3:00

> TA: Paul Lowood <u>plowood@uci.edu</u> Office Hours TBA

## **Course Goals**

In this course you will use your economic training to examine the economics of the Industrial Revolution with an emphasis on Great Britain. The course will cover various topics including demography, institutions, technological innovation, finance, and international trade.

You should take this course if:

- 1) You are interested in evaluating economic arguments with quantitative tools, like graphs plotting differential trends and tables summarizing differences in means or regression coefficients.
- 2) You have some interest in history, especially European or global history.
- 3) You want to learn how to write about economic ideas and arguments. If you only want to fulfill upper div. writing req., perhaps consider another course.

Formally, this course has three goals. First, I want you to improve your writing and communication skills. They yield high rewards in the labor market. Second, I want you to learn how economists use theory and data to answer 'real-world' questions, like how to economies develop and evolve? Third, I want you to learn about economic history. Britain was the leader of industrialization and is one of the largest economies today. It is useful to understand what happened there. It is also taken as the benchmark for changes that occurred elsewhere like the United States and Asian economies.

# Materials

Most of the course content comes from research papers published in journals or working paper series. You will be asked to read and evaluate research papers. There are two writing texts that you might find useful. Lee Cuba, *A short Guide to Writing about the Social Science*, and Howard Becker, *Writing for Social Scientists*. I have copies of both if you want to borrow them. They are also available on Amazon.

# Prerequisites

This course is ideally suited for economics majors in their senior year. To succeed you should have taken intermediate theory and an introduction to Statistics. Here is a quick test: If you don't know how to read a regression table, then you will have trouble succeeding in this course. BTW some of you just need a little reminding to job your memory!

# Grading

Your grade will be based on (1) four writing assignments analyzing a topic on the reading list, (2) four discussions in class of the papers on the reading list, (3) a thesis statement for your literature review, (4) a first draft of your literature review, (5) and a final draft of your literature review. The course has a total of 100 points. The writing assignments will count for a total of 32 points (8 points each). Attendance at discussion counts for a total of 4 points (1 point each). If you miss your presentation you will get zero

points. The thesis statement will be worth 4 points. The first draft will count for 10 points if it is turned in on the due date. The literature review will count for 50 points.

The grading scale will be 90-100 for an A, 80-89 for a B, 70-79 for a C, 60-69 for a D, and below 60 will be an F.

#### Writing Assignments

Students must complete four writing assignments on two papers from the reading list. Students are assigned topics papers from the reading list. Assignments will be made based on alphabetical order of your last name at the end of the first week. The writing assignment is a mini literature review similar to what you will write at the end of the quarter.

Here is the grading rubric for the writing assignments:

Thesis:

Student has a thesis statement about what is 'true' based on the two assigned papers. (2 points)

Discussion of Research papers:

There is analysis of both assigned papers (1 point) The discussion of the papers is meaningful to the advancement of the thesis (1 point) There is critical analysis of the papers (1 point)

Writing style:

There are no grammatical errors, incomplete sentences, or misspellings (1 point) The paper flows from one topic to the next and is logical (1 point)

Page Minimum

Minus one point for every page short of 5 pages (1 point)

This exercise is designed to help you *critically analyze* research papers in economic history. You will use these critical analysis skills in writing your literature review. Each writing assignment must be 5 pages (doubled-spaced, 12-inch font, one inch margins). An email of your writing assignment must be sent to the TA by the beginning of class on the day we discuss the topic (see the course schedule below). You can use Webvpn (UCI library) to access restricted papers. You do not need to paste graphs and tables in your paper, save space for your ideas.

You can work with others to understand the paper better. Working well in teams is a key part of the professional world. But you must write on your own. It will be obvious to the grader that you are copying someone's work.

#### **Discussions Presentations**

When you are assigned two papers, each student is required to discuss their writing assignment in the virtual class via zoom. For example, I will ask you about your thesis and how it was developed using the papers. We will learn from each other. Note during the presentations, we will project the paper on the screen so that you can reference equations, tables, and graphs. If you do not show up for your presentation you will lose 1 point.

#### **Thesis Statement**

On Friday Feb. 26 by 5pm PST the thesis statement is due and must be sent to the TA by email (Paul Lowood plowood@uci.edu). Each student needs to turn in a one-page summary describing their thesis

statement and briefly discussing some important works in the literature on this topic. The thesis statement is worth 4 points. Some examples of thesis statements are:

1. Enclosures are thought to have contributed to productivity growth in agriculture, but the evidence shows that in Britain enclosures had a minimal impact.

2. Banks are thought to have spurred industrialization. The evidence generally confirms this view in Britain during its industrialization.

## **First Draft of Literature Review**

On Mar. 5 by 5 pm PST the first draft of the literature review is due and must be emailed to the TA (Paul Lowood plowood@uci.edu). At this stage you are expected to have a thesis statement and a beginning discussion of how papers in the literature address your thesis statement.

## **Literature Review**

The final copy literature review should be sent by email to the TA (Paul Lowood plowood@uci.edu) on Thursday March 18 by 5pm. For every weekday that you do not turn in your paper you will lose 5 points (i.e. after Thursday mar. 19 and before 5 P.M. Friday March 20 -5 points, before 5 P.M. Monday March. 21 -10 points, etc.).

The literature review is the most important part of the course. It should be 15 pages in length (double space, 12 point font, 1 inch margins). It must contain an introduction, body paragraphs, a conclusion, and a list of references. Most importantly, you must develop a thesis statement, which identifies a topic and makes a statement about some finding in the literature.

You will need to evaluate several papers that address a topic in the literature. It usually works best to study one of the topics discussed on the reading list. In doing so, you will need to do some research and draw on papers not on the reading list. You should consult the bibliographies of the papers on the reading list, or consult the other papers of the authors on the reading list. You can also search google scholar for related papers on a topic. Try searching Enclosure Britain Agriculture and you will find many entries.

Here is the grading rubric for the literature review:

Thesis:

The thesis is clear (2 points) The thesis is well defended in the paper (4 points) The paper maintains a focus on the thesis (2 points)

Research:

Sufficient research been done (12 points) The literature discussed is meaningful to the advancement of the paper's thesis (6 points) Meaningful connections being made between the presented papers (6 points) There is meaningful and effective critical analysis of the papers (6 points)

Writing style:

The writing is clear (2 points) The paper flows from one topic to the next and is logical (4 points)

Page Minimum (5 points)

Minus one point for every page short of 15 pages

Minus one point for exaggerated margins

Bibliography (1 point). Use MLA, APA, or Chicago style for references. Just be consistent.

### In class time

For weeks 1 I will give you the necessary background and discuss writing. For weeks 2 through 8 our meetings are like a seminar focusing on a topic. I will give some lecture and groups of students will discuss the assigned papers. The students will turn in their writing assignments on the day of our meeting (see the expectations above). Each week is a module in canvas.

### **Course Schedule**

You can use Webvpn (UCI library) to access restricted papers

Tuesday, Jan. 5: Discussion of Syllabus, introduction to British economic history

Thursday, Jan 7. Writing summaries and literature reviews on research in economic history

Read Lee Cuba, A short Guide to Writing about the Social Science, Chapter 3 as background on how to summarize social science research.

We will discuss how to summarize and critically evaluate two papers using the following two papers as examples. They focus on whether the Glorious Revolution was a watershed moment.

North, Douglass C., and Barry R. Weingast. "Constitutions and commitment: the evolution of institutions governing public choice in seventeenth-century England." *The journal of economic history* 49.4 (1989): 803-832.

Bogart, Dan. "Did the Glorious Revolution contribute to the transport revolution? Evidence from investment in roads and rivers." *The Economic History Review* 64.4 (2011): 1073-1112.

Week 2

#### Tuesday, Jan 12: Living standards and the early modern origins of the industrial revolution

Humphries, Jane, and Jacob Weisdorf. "Unreal wages? Real income and economic growth in England, 1260–1850." *The Economic Journal* 129.623 (2019): 2867-2887.

Wallis, Patrick, Justin Colson, and David Chilosi. "Structural change and economic growth in the British economy before the Industrial Revolution, 1500–1800." *The journal of economic history* 78.3 (2018): 862-903.

#### Additional reading:

Allen, Robert C. "The great divergence in European wages and prices from the Middle Ages to the First World War." *Explorations in economic history* 38.4 (2001): 411-447.

Clark, Gregory. "The condition of the working class in England, 1209–2004." *Journal of Political Economy* 113.6 (2005): 1307-1340.

Stephenson, Judy Z. "'Real'wages? Contractors, workers, and pay in London building trades, 1650–1800." *The Economic History Review* 71.1 (2018): 106-132.

#### Thursday, Jan 14: Malthusian mechanisms: viewed through social status and gender

Clark, Gregory, and Neil Cummins. "Malthus to modernity: wealth, status, and fertility in England, 1500–1879." *Journal of Population Economics* 28.1 (2015): 3-29.

Horrell, Sara, Jane Humphries, and Jacob Weisdorf. "Malthus's missing women and children: demography and wages in historical perspective, England 1280-1850." European Economic Review 129 (2020): 103534.

### Additional reading:

Chapter 3, Population, Economic Growth, and Resource Constraints, in Economic History of Europe by Paul Gunnar Perrson and Paul Sharp

Weir, David R. "Life under pressure: France and England, 1670–1870." The Journal of Economic History 44.1 (1984): 27-47.

Boberg-Fazlic, Nina, Paul Sharp, and Jacob Weisdorf. "Survival of the richest? Social status, fertility and social mobility in England 1541-1824." *European Review of Economic History* 15.3 (2011): 365-392.

De La Croix, David, Eric B. Schneider, and Jacob Weisdorf. "Childlessness, celibacy and net fertility in pre-industrial England: the middle-class evolutionary advantage." *Journal of Economic Growth* 24.3 (2019): 223-256.

Humphries, Jane. "Childhood and child labour in the British industrial revolution." *The Economic History Review* 66.2 (2013): 395-418.

Horrell, Sara, and Jane Humphries. "" The Exploitation of Little Children": Child Labor and the Family Economy in the Industrial Revolution." Explorations in Economic History 32.4 (1995): 485-516.

Week 3

## Tuesday, Jan 19: Human capital formation through apprenticeships

Minns, Chris, and Patrick Wallis. "The price of human capital in a pre-industrial economy: premiums and apprenticeship contracts in 18th century England." *Explorations in Economic History* 50.3 (2013): 335-350.

Feldman, Naomi E., and Karine Van der Beek. "Skill choice and skill complementarity in eighteenth century England." *Explorations in Economic History* 59 (2016): 94-113.

#### Additional reading:

De Pleijt, Alexandra, Alessandro Nuvolari, and Jacob Weisdorf. "Human capital formation during the first industrial revolution: evidence from the use of steam engines." Journal of the European Economic Association 18.2 (2020): 829-889.

Solar, Peter M. "Poor relief and English economic development before the industrial revolution." *The Economic History Review* 48.1 (1995): 1-22.

Baten, Jörg, Dorothee Crayen, and Hans-Joachim Voth. "Numeracy and the impact of high food prices in industrializing Britain, 1780–1850." *Review of Economics and Statistics* 96.3 (2014): 418-430.

#### Thursday Jan. 21: Explaining technological leadership

Mokyr, Joel. The Enlightened economy an economic history of Britain 1700-1850. Yale University Press, 2010. Chapter 6.

Allen, Robert C. "The industrial revolution in miniature: The spinning jenny in Britain, France, and India." *The Journal of Economic History* 69.4 (2009): 901-927.

Additional reading

Mokyr, Joel. "Bottom-up or top-down? The origins of the Industrial Revolution." *Journal of Institutional Economics* 14.6 (2018): 1003-1024.

Mokyr, Joel. "Institutions and the Origins of the Great Enrichment." *Atlantic Economic Journal* 44.2 (2016): 243-259.

Mokyr, Joel. "The intellectual origins of modern economic growth." *The Journal of Economic History* 65.2 (2005): 285-351.

Kelly, Morgan, and Cormac Ó Gráda. "Adam Smith, watch prices, and the industrial revolution." *The Quarterly Journal of Economics* 131.4 (2016): 1727-1752.

Kelly, Morgan, and Cormac Ó Gráda. *Ready for revolution? The English economy before 1800.* No. 14/18. Working Paper Series, 2014.

Allen, Robert C. "The high wage economy and the industrial revolution: a restatement." *The Economic History Review* 68.1 (2015): 1-22.

Week 4

#### Tuesday Jan. 26: Collective invention and the patent system

Nuvolari, Alessandro. "Collective invention during the British Industrial Revolution: the case of the Cornish pumping engine." *Cambridge Journal of Economics* 28.3 (2004): 347-363.

Cox, Gary W. "Patent disclosure and England's early industrial revolution." *European Review of Economic History* 24.3 (2020): 447-467.

Additional reading

Allen, Robert C. "Collective invention." Journal of economic behavior & organization 4.1 (1983): 1-24.

Sullivan, Richard J. "The revolution of ideas: widespread patenting and invention during the English industrial revolution." *Journal of Economic History* (1990): 349-362.

Nuvolari, Alessandro, and James Sumner. "Inventors, Patents, and Inventive Activities in the English Brewing Industry, 1634–1850." *Business History Review* 87.1 (2013): 95-120.

MacLeod, Christine, and Alessandro Nuvolari. Patents and industrialization: an historical overview of the British case, 1624-1907. No. 2010/04. LEM Working Paper Series, 2010.

#### Thursday, Jan. 28: Innovation in the transport sector

Bogart, Dan, The Turnpike Roads of England and Wales, in The Online Historical Atlas of Transport, Urbanization and Economic Development in England and Wales c.1680-1911. Eds. L. Shaw-Taylor, D. Bogart and A.E.M. Satchell, 2017.

Bogart, Dan, Michael Lefors, and A. E. M. Satchell. "Canal carriers and creative destruction in English transport." *Explorations in Economic History* 71 (2019): 1-24.

### Additional reading

Brunt, Liam, and Edmund Cannon. "Measuring integration in the English wheat market, 1770–1820: New methods, new answers." *Explorations in Economic History* 52 (2014): 111-130.

Maw, Peter. "Water transport in the industrial age: commodities and carriers on the Rochdale Canal, 1804–1855." *The Journal of Transport History* 30.2 (2009): 200-228.

Bogart, Dan. "Turnpike trusts and the transportation revolution in 18th century England." *Explorations in Economic History* 42.4 (2005): 479-508.

Kelly, Morgan & Gráda, Cormac Ó & Solar, Peter, 2019. "Safety at Sea during the Industrial Revolution," CAGE Online Working Paper Series 439, Competitive Advantage in the Global Economy (CAGE)

Bogart, D., Dunn, O., Alvarez-Palau, E. J., & Shaw-Taylor, L. (2020). Speedier delivery: coastal shipping times and speeds during the Age of Sail. The Economic History Review.

#### Week 5

#### Tuesday, Feb 2: coal and location of industry

Turnbull, Gerard. "Canals, coal and regional growth during the industrial revolution." *The Economic History Review* 40.4 (1987): 537-560.

Crafts, Nicholas, and Nikolaus Wolf. "The location of the UK cotton textiles industry in 1838: A quantitative analysis." The Journal of Economic History 74.4 (2014): 1103-1139.

Additional reading:

Stern, David I., and Astrid Kander. "The role of energy in the industrial revolution and modern economic growth." The Energy Journal (2012): 125-152.

Wrigley EA. 2013 Energy and the English Industrial Revolution. Phil Trans R Soc A 371: 20110568.b http://dx.doi.org/10.1098/rsta.2011.0568

Stobart, Jon. "An eighteenth-century revolution? Investigating urban growth in north-west England, 1664–1801." Urban History 23.1 (1996): 26-47.

Langton, John. "The industrial revolution and the regional geography of England." Transactions of the Institute of British Geographers (1984): 145-167.

Bogart, Dan, et. al. Transport and urban growth in the first industrial revolution http://www.socsci.uci.edu/~dbogart/Marketaccessgrowth\_presteam\_jan102020.pdf

## Thursday Feb 4: Railways and their impact

Leunig, Timothy. "Time is money: a re-assessment of the passenger social savings from Victorian British railways." *The Journal of Economic History* 66.3 (2006): 635-673.

Schwartz, Robert, Ian Gregory, and Thomas Thévenin. "Spatial history: Railways, uneven development, and population change in France and Great Britain, 1850–1914." *Journal of Interdisciplinary History* 42.1 (2011): 53-88.

Additional reading

Hawke, Gary, and Jim Higgins. "Britain." Railways and the economic development of Western Europe, 1830–1914. Palgrave Macmillan, London, 1983. 170-202.

Dan Bogart, Eduard J Alvarez-Palau, Xuesheng You, Max Satchell, Leigh Shaw Taylor, 'Railways, divergence, and structural change in 19th century England and Wales'. working paper

Casson, Mark. "The determinants of local population growth: A study of Oxfordshire in the nineteenth century." *Explorations in Economic History* 50.1 (2013): 28-45.

Alvarez, Eduard, Xavi Franch, and Jordi Martí-Henneberg. "Evolution of the territorial coverage of the railway network and its influence on population growth: The case of England and Wales, 1871– 1931." *Historical Methods: A Journal of Quantitative and Interdisciplinary History* 46.3 (2013): 175-191.

Week 6

## **Tuesday Feb 9: Mobility and Migration**

Boyer, George R., and Timothy J. Hatton. "Migration and labour market integration in late nineteenth-century England and Wales." The Economic History Review 50.4 (1997): 697-734.

Long, Jason. "Rural-urban migration and socioeconomic mobility in Victorian Britain." *The Journal of Economic History*65.1 (2005): 1-35.

Additional reading:

Simon, Curtis J., and Clark Nardinelli. "The talk of the town: Human capital, information, and the growth of English cities, 1861 to 1961." *Explorations in Economic History* 33.3 (1996): 384-413.

Schürer, K., and Joe Day. "Migration to London and the development of the north–south divide, 1851–1911." *Social History* 44.1 (2019): 26-56.

### Thursday Feb 11: The state, war, and financial markets

Quinn, Stephen. "The Glorious Revolution's effect on English private finance: a microhistory, 1680–1705." The Journal of Economic History 61.3 (2001): 593-615.

Temin, Peter, and Hans-Joachim Voth. "Credit rationing and crowding out during the industrial revolution: evidence from Hoare's Bank, 1702–1862." *Explorations in Economic History*42.3 (2005): 325-348.

### Additional reading:

Neal, Larry. "How it all began: the monetary and financial architecture of Europe during the first global capital markets, 1648–1815." Financial history review 7.2 (2000): 117-140.

Brunt, Liam. "Rediscovering risk: Country banks as venture capital firms in the first industrial revolution." *Journal of Economic History* (2006): 74-102.

Beckett, John V., and Michael Turner. "Taxation and economic growth in eighteenth-century England." *The Economic History Review* 43.3 (1990): 377-403.

O'Brien, Patrick K., and Nuno Palma. "Danger to the Old Lady of Threadneedle Street? The Bank Restriction Act and the regime shift to paper money, 1797–1821." *European Review of Economic History* 24.2 (2020): 390-426.

Jacks, David S. "Foreign wars, domestic markets: England, 1793–1815." *European Review of Economic History* 15.2 (2011): 277-311.

Week 7

#### Tuesday Feb 16: The state and development of property rights

Bogart, Dan, and Gary Richardson. "Property rights and parliament in industrializing Britain." *The Journal of Law and Economics* 54.2 (2011): 241-274.

Dimitruk, K. A. R. A. ""I Intend Therefore to Prorogue": the effects of political conflict and the Glorious Revolution in parliament, 1660–1702." European Review of Economic History (2018).

#### Additional reading:

Coase, Ronald H. "The problem of social cost." *Classic papers in natural resource economics*. Palgrave Macmillan, London, 1960. 87-137.

Bogart, Dan. "Did turnpike trusts increase transportation investment in eighteenth-century England?." *Journal of Economic History* (2005): 439-468.

Bogart, Dan, and Gary Richardson. "Making property productive: reorganizing rights to real and equitable estates in Britain, 1660–1830." *European review of economic history* 13.1 (2009): 3-30.

Clark, Gregory. "Commons sense: common property rights, efficiency, and institutional change." *Journal of Economic History* (1998): 73-102.

Mokyr, Joel, and John VC Nye. "Distributional coalitions, the Industrial Revolution, and the origins of economic growth in Britain." Southern Economic Journal (2007): 50-70.

Bogart, Dan. "Party Connections, Interest Groups and The Slow Diffusion of Infrastructure: Evidence From Britain'S First Transport Revolution." The Economic Journal 128.609 (2017): 541-575.

Cox, Gary W. "Was the Glorious Revolution a constitutional watershed?." The Journal of Economic History 72.3 (2012): 567-600.

#### Thursday Feb. 18: Slavery and connections with the Atlantic economy

Eltis, David, and Stanley L. Engerman. "The importance of slavery and the slave trade to industrializing Britain." *Journal of Economic History* (2000): 123-144.

Harley, Knick. "Slavery, the British Atlantic economy, and the industrial revolution." *The Caribbean and the Atlantic World Economy*. Palgrave Macmillan, London, 2015. 161-183.

Additional reading:

Inikori, Joseph E. "Slavery and the development of industrial capitalism in England." *The Journal of Interdisciplinary History* 17.4 (1987): 771-793.

O'BRIEN, P. A. T. R. I. C. K. "European economic development: the contribution of the periphery." The economic history review 35.1 (1982): 1-18.

Rönnbäck, Klas. "On the economic importance of the slave plantation complex to the British economy during the eighteenth century: a value-added approach." *Journal of Global History* 13.3 (2018): 309-327.

#### Week 8

#### Tuesday Feb. 23: Globalization and free trade

O'rourke, Kevin H., and Jeffrey G. Williamson. "When did globalisation begin?." *European Review of Economic History* 6.1 (2002): 23-50.

Irwin, Douglas A., and Maksym Chepeliev. "The Economic Consequences of Sir Robert Peel: A Quantitative Assessment of the Repeal of the Corn Laws." *NBER Working Paper* w28142 (2020).

#### Additional reading:

Williamson, Jeffrey G. "The impact of the Corn Laws just prior to repeal." *Explorations in Economic History* 27.2 (1990): 123-156.

Tena-Junguito, Antonio, Markus Lampe, and Felipe Tâmega Fernandes. "How much trade liberalization was there in the world before and after Cobden-Chevalier?." *The Journal of Economic History* (2012): 708-740.

Sharp, Paul, and Jacob Weisdorf. "Globalization revisited: Market integration and the wheat trade between North America and Britain from the eighteenth century." *Explorations in Economic History* 50.1 (2013): 88-98.

O'Rourke, Kevin H. "British trade policy in the 19th century: a review article." *European Journal of Political Economy* 16.4 (2000): 829-842.

O'Rourke, Kevin H. "The European grain invasion, 1870–1913." The Journal of Economic History 57.4 (1997): 775-801.

#### Thursday Feb. 25: Trade with Asia

De Vries, Jan. "The limits of globalization in the early modern world." *The Economic History Review* 63.3 (2010): 710-733.

Solar, Peter M. "Opening to the East: shipping between Europe and Asia, 1770–1830." *The Journal of Economic History* (2013): 625-661.

Additional reading

Broadberry, Stephen, and Bishnupriya Gupta. "Lancashire, India, and shifting competitive advantage in cotton textiles, 1700–1850: the neglected role of factor prices 1." The Economic History Review 62.2 (2009): 279-305.

Bogart, Dan. 'The East Indian Monopoly and the Transition from Limited Access in England, 1600-1813,' in Organizations, Civil Society, and the Roots of Development, edited by Naomi R. Lamoreaux and John J. Wallis, University of Chicago and National Bureau of Economic Research 2017.

Esteban, Javier Cuenca. "The British balance of payments, 1772-1820: India transfers and war finance." *The Economic History Review* 54.1 (2001): 58-86.

Ward, John R. "The industrial revolution and British imperialism, 1750–1850." *The Economic History Review* 47.1 (1994): 44-65.

Basu, Dipak, and Victoria Miroshnik. "British Empire and British Industrial Revolution." *Imperialism and Capitalism, Volume I.* Palgrave Macmillan, Cham, 2020. 33-54.

#### By Friday Feb 26 1 at 5pm PST. The thesis statement needs to be sent by email to TA.

Tuesday March 2 Independent work on Lit. Review. Office Visits with TA available during class hours

Thursday. March 4 Independent work on Lit. Review. Office Visits with TA available during class hours

#### By Friday March 5 at 5pm PST. First Draft of Lit Review Due and needs to be sent by email to TA.

Tuesday March 9: Independent work on Lit. Review. Office Visits available during class hours.

Thursday March 11. First Draft Returned with comments. Office Visits available during class hours.

### Finals Week: Literature Review Due Thursday March 18 by 5pm