The Evolution of Segregation and Education

EC 970: Sophomore Tutorial Harvard University Department of Economics

Blue text indicates a clickable link

Class Info

Time: T / Th 9:00 -10:15 am Location: TBD Course Website Canvas Page

Instructor Info

Danielle Graves (she/her) dcgw@bu.edu

Office Hours

Tues 10:30 - 12 pm Fri 9-11 am Clover (Science Center) Walk-in or by appointment

Course Description

In 1954, the Supreme Court ordered schools to integrate "with all deliberate speed." 70 years later, in 2021, an alarming third of K-12 students were attending effectively segregated schools (defined as schools where 75% or more of students are racially or ethnically homogenous) (GAO, 2022). How did the U.S. get here? What went wrong? Did anything go right?

Understanding school segregation today requires not only an understanding of the Civil Rights movement, but also an appreciation of the history of public education in the United States. The class will proceed chronologically, beginning with de jure segregation and ending with a review of across and within-school segregation today. Throughout, we will repeatedly visit themes inextricable from school segregation: legal institutions, residential segregation, and school finance. The goals of this class are two fold: to help students gain an understanding of the framework within which school segregation persists today and to give students the confidence to write compelling economic research papers on the origins and consequences of such segregation. Students will receive feedback on the research process at each step of the way. We will also build the researcher's toolkit by reviewing some common empirical strategies used in this literature.

Prerequisites

Ec 1010a or 1011a; Stat 100 (or equivalent)

Come to Office Hours!

Research is hard. Please do not hesitate to come to office hours—I want to make conducting economics research feel approachable and accessible for all of you. In the second week of class, everyone is required to schedule an OH slot with me. Schedule OH here.

Course Requirements

Reading assignments are listed under each class meeting date. You are expected to read all of the material that is starred ★ – however, you are not expected to *understand* all of the material. Come to class with questions and comments. We will spend around 45 minutes each class discussing the starred paper.

Leading Class Discussions and Response Papers20%

The purpose of these exercises is to get you practicing two important skills in research: thinking critically about papers and generating new ideas. Don't put too much pressure on yourself – I do not expect all of these ideas to be good!

Response papers: Every week, you will write a 2 page (size 12, TNR double-spaced) response paper on one of the starred ★ readings. These are due 5 pm before the day we cover the paper in class. Most weeks, you will summarize the paper, then discuss pros, cons, and directions for future research. Some weeks, there will be specific prompts (for example, defining key terms). If there is a specific prompt for the next weeks' response paper, it will be posted by 5 pm on Friday.

NOTE: A response paper is not due the weeks of January 25, April 23, or the weeks you are leading a

class discussion. This means you will write 8 of these papers.

Leading Class Discussions: Each student will present twice for 5 minutes on a paper from the class syllabus. The student will then lead (with some help) the class discussion (this will last around 30-40 additional minutes). Students will submit their preferences at the beginning of the term. Slides are due 5 pm before the day we cover the paper in class.

As part of EC970, all students participate in the Stata / R minicourse. You will complete four problem sets. This minicourse is an excellent opportunity to learn how to code and handle data *responsibly*. The canvas webpage for the course is an excellent resource.

You will read an assigned news article, government report, and academic paper on school segregation. Then, you will write a short paper (3-4 pages) discussing the strengths and weaknesses of different measures of segregation.

Students will write a short paper (3-4 pages) that outlines a framework ("model") of behavior based on the abstract of a paper from the reading list. The goal of this assignment is to give students practice in conceptualizing mechanisms that drive empirical results.

Final Research Paper40%

Throughout this course, you will build a final research paper. The final product should be **15-18 pages** (size 12, TNR double-spaced). This paper will be on a topic of your choosing that falls in the realm (broadly defined) of this class.

Each student will present on their final research paper for 15 minutes total. This time includes questions from the audience – when you practice your talk (and you should absolutely practice your talk), it should take around 10-12 minutes. Both asking and responding to questions in research seminars are important skills, and all students are required to ask at least one question (and more questions are encouraged!)

Due Dates

All assignments, with the exception of the rough draft, should be turned into canvas by 5 pm on the indicated day.

Response papers	
Beyond the Headlines	Tuesday, February 6
Stata R Problem Set 1	Friday, February 9
Explain a Model	
Stata R Problem Set 2	
Three Ideas	
Stata R Problem Set 3	Friday, March 8
Outline	
Stata R Problem Set 4	Friday, March 22
Data Description and Summary Statistics	Tuesday, March 28
Introduction, Outline, and Empirical Strategy	Tuesday, April 2
Rough Draft	Tuesday, April 9
Rough Draft Peer Review	Friday, April 12
In-Class Final Presentations	. Thursday April 18 and Tuesday 23
Final Paper	Wednesday, May 1 at 5 PM

Course Policies

Attendance and Extensions: Attendance is mandatory. Extensions are discouraged, but allowed under exceptional circumstances.

- One unexcused absence / extension is permitted, no questions asked. The unexcused extension shall be for no more than 3 days and cannot be applied to response papers, class presentations, peer review, or the Stata / R problem sets.
- If absent for any reason (with the exception of your one unexcused absence), you will be expected to write an additional response paper on the day's reading and schedule office hours with me to make up the class.
- Any other absences and **any** extensions must be cleared in advance with me.
 - Acceptable reasons for an excused absence / extension include, but are not limited to, medical emergencies, scheduled family gatherings (such as a wedding), or the death of a loved one.
 - I ask that, except in the case of emergencies, you discuss planned absences / extensions with me at least two weeks in advance by coming up to me after class.
 - There will be a **maximum of one extension** granted for each assignment.
 - No extensions will be granted for the final paper this deadline is set by the department.
 Plan ahead accordingly!

If you are incredibly sick, please do not make yourself sicker by pulling an all-nighter to finish an assignment for this class. In fact, please don't pull all-nighters! You have all of the deadlines for this class listed above. My hope is that you will use them to plan ahead, just as researchers must plan ahead around conferences and seminars. My policy is to not give extensions because of conflicting deadlines with other classes.

Emails: You can expect me to answer questions within 24 hours, with the exceptions of weekends: questions sent on Friday, Saturday or Sunday can expect a response by the end of day Monday.

- In return, I expect you to budget your time appropriately: a good rule of thumb is to ask any urgent
 questions at least 36 hours in advance of a deadline so that I have time to respond and you have
 time to digest.
- Please include EC970 in the subject line to help me find your e-mail faster.

Laptop Use: No laptop or electronic use is permitted during class. You may use a tablet to take notes, but please put it in airplane mode. The goal of this policy is to create an environment that is conducive to an engaging classroom discussion, and that requires you to be present both physically and mentally.

Plagiarism: "Students who, for whatever reason, submit work either not their own or without clear attribution to its sources will be subject to disciplinary action, up to and including requirement to withdraw from the College." – Harvard College Handbook for Students. If you cheat, you will fail this class.

Collaboration: Discussion of papers and problem sets with others is permitted and encouraged. Copying others is not (see plagiarism). Every student is expected to turn in their own unique work.

Generative AI: ChatGPT and other generative AI are tools you should learn to use **responsibly**. Examples of acceptable use include:

- · "Polishing" a draft
- Asking for simple explanations of concepts (e.g. "can you explain fixed effects for me?" or "how do I interpret β in OLS?")

Examples of unacceptable use include:

- Writing code for Stata / R problem sets: as researchers, we must be responsible stewards of data. Writing code manually will help you understand the nuts and bolts of the assumptions you make when you manipulate and analyze data, which you must acknowledge when conducting research.
- Writing first drafts: ChatGPT will often make up citations or describe identification strategies you didn't do. Your research is the result of *you* analyzing a data set and running (likely) a regression-based analysis. ChatGPT cannot and should not do this for you.
- Writing response papers: We will cover this in more depth in class.

A note of caution: citation fabrication, or citation faking, happens when AI generates fictional citations. Accurate citations are vital for trust. Responsible AI use requires verification by researchers and writers to ensure legitimacy.

Support

Academic Resources: I encourage you to attend office hours. The material we will be covering is dense.

Academic Resource Center has tutoring services, workshops, coaching and other resources

Mental and Physical Health Resources: Please take care of yourself.

- Harvard University Health Services (HUHS)
- Counseling and Mental Health Services (CAMHS)
- Center for Wellness and Health Promotion

Tips and Expectations for Writing Research Papers

Writing Economics contains tips on how to review the literature, find a research topic and write a paper. We will read portions of this throughout the term in conjunction with the final research paper process.

In general, you will should strive to:

- · Synthesize, not summarize existing literature
- · Connect your ideas with the work of those who came before you
- · Convince the reader that your paper is worth reading

Supplementary Readings

Coding Resources

- The canvas webpage for the Stata / R mini course has excellent resources for coding.
- There are dedicated TFs for the Stata / R minicourse. Make use of them! Go to their office hours. They will give you better coding help (especially in Stata) than I.
- For R, I recommend R for Data Science, a free, online, well-written and frequently updated textbook.

You have the option of writing your problem sets in either R or Stata. I use R. I rarely use Stata. I like R because it is free, you can use it to read in Stata files, and you can make beautiful graphs with ggplot. Downsides of R are that some econometrics package run smoother in Stata. However, at the end of the day, the most important thing is that you pick a language and learn it well. Most graduate student's language of choice is entirely dependent on the language that their first boss had them code in. My first job was in data science, and Stata is almost never used in non academic settings, so now I use R.

Writing Resources

Throughout the class, we will be reading and discussing Writing Economics: A Guide for Harvard Economics Concentrators by Robert Neugeboren with Mireille Jacobson. This resource will serve as a valuable guide in crafting and structuring your research papers.

I also recommend *The Little Book of Research Writing* by Varanya Chaubey. We will cover the RAP (Research Question, Answer, Positioning Statement) approach in class.

Highly Recommended Books

All of these books are available on HOLLIS. However, if you love these books as much as I do, I recommend using thriftbooks.com, an online used book dealer. You can often get books 75-90% off!

- Children of the Dream: Why School Integration Works, by Rucker C. Johnson
 An excellent overview of the economic impacts of school integration. The appendix is a great resource for literature reviews.
- The Reconstruction of Southern Education: the Schools and the 1964 Civil Rights Act
 Written in 1969, this is a detailed account of the implementation of the 1964 Civil Rights Act and its
 impact on school integration
- Bonus! Podcast: Nice White Parents (available wherever you get your podcasts) A case study of the integration and segregation of one school in New York.

Readings Schedule

Required readings are indicated by *

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No response paper due this week

1: Introduction and Metrics Review ... January 23 Metrics Handout: Common Empirical Strategies

Data Handout: Education Data Sources

We will discuss these in class. No need to review prior.

- ★ Darity Jr., William A. (June 2022). "Position and Possessions: Stratification Economics and Intergroup Inequality". In: *Journal of Economic Literature* 60.2, pp. 400–426
- Frankel, David M. and Oscar Volij (Jan. 1, 2011). "Measuring School Segregation". In: *Journal of Economic Theory* 146.1, pp. 1–38
- Massey, Douglas S. and Nancy A. Denton (Dec. 1, 1988). "The Dimensions of Residential Segregation*". In: *Social Forces* 67.2, pp. 281–315

Week 2

Everyone required to come to OH either Tuesday (1/30) or Friday (2/3) of this week

- Carruthers, Celeste K. and Marianne H. Wanamaker (Apr. 1, 2017). "Returns to School Resources in the Jim Crow South". In: *Explorations in Economic History* 64, pp. 104–110
- Collins, William J. and Robert A. Margo (June 2003). *Historical Perspectives on Racial Differences in Schooling in the United States*. URL: https://www.nber.org/papers/w9770 (visited on 08/29/2023). preprint
- ★ Margo, Robert A. (Jan 1990). "Race and Schooling in the South: A Review of the Evidence." Race and Schooling in the South, 1880-1950: An Economic History. University of Chicago Press, pp. 6-32

Professor Margo will visit class for the last 20 minutes. Come prepared with questions!

4: Financing Segregated Schools February 1

- Carruthers, Celeste K. and Marianne H. Wanamaker (May 1, 2013). "Closing the Gap? The Effect of Private Philanthropy on the Provision of African-American Schooling in the U.S. South". In: *Journal of Public Economics* 101, pp. 53–67
- Carruthers, Celeste K. and Marianne H. Wanamaker (Apr. 1, 2017). "Returns to School Resources in the Jim Crow South". In: *Explorations in Economic History* 64, pp. 104–110
- ★ Reber, Sarah J. (2011). "From Separate and Unequal to Integrated and Equal? School Desegregation and School Finance in Louisiana". In: *The Review of Economics and Statistics* 93.2, pp. 404–415
- ★ Writing Economics, pgs. 1-10

Week 3

5: Successes and Failures of Brown February 6 Beyond the Headlines Due

- Ashenfelter, Orley, William J. Collins, and Albert Yoon (July 1, 2006). "Evaluating the Role of Brown
 v. Board of Education in School Equalization, Desegregation, and the Income of African Americans".
 In: American Law and Economics Review 8.2, pp. 213–248
- Cascio, Elizabeth et al. (Sept. 1, 2008). "From Brown to Busing". In: Journal of Urban Economics 64.2, pp. 296–325
- ★ Rivkin, Steven and Finis Welch (Jan. 1, 2006). "Chapter 17 Has School Desegregation Improved Academic and Economic Outcomes for Blacks?" In: *Handbook of the Economics of Education*. Ed.

bν	E.	Hanushek	and F. V	Velch.	Vol. 2.	Elsevier,	pp.	1019-	1049
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6: The Impact of Integration on Teachers and Teacher Salaries February 8

- Cascio, Elizabeth U. and Ethan G. Lewis (Nov. 2022). Legal Activism, State Policy, and Racial Inequality in Teacher Salaries and Educational Attainment in the Mid-Century American South. URL: https://www.nber.org/papers/w30631 (visited on 01/10/2024). preprint
- Dee, Thomas S. (2004). "Teachers, Race, and Student Achievement in a Randomized Experiment". In: *The Review of Economics and Statistics* 86.1, pp. 195–210
- Dee, Thomas S. (2005). "A Teacher like Me: Does Race, Ethnicity, or Gender Matter?" In: *The American Economic Review* 95.2, pp. 158–165
- ★ Thompson, Owen (Sept. 8, 2022). "School Desegregation and Black Teacher Employment". In: *The Review of Economics and Statistics* 104.5, pp. 962–980 Writing Economics, pgs. 11, 14-15, 23, 30

Friday, February 9 Stata | R Problem Set 1 Due

Week 4

7: The Beginning of Effective Integration: ESEA and Title I February 13

- ★ Cascio, Elizabeth et al. (Feb. 1, 2010). "Paying for Progress: Conditional Grants and the Desegregation of Southern Schools*". In: *The Quarterly Journal of Economics* 125.1, pp. 445–482
- Cascio, Elizabeth U., Nora Gordon, and Sarah Reber (Aug. 2013). "Local Responses to Federal Grants: Evidence from the Introduction of Title I in the South". In: American Economic Journal: Economic Policy 5.3, pp. 126–159
- Cascio, Elizabeth U. and Sarah Reber (May 2013). "The Poverty Gap in School Spending Following the Introduction of Title I". in: *American Economic Review* 103.3, pp. 423–427

8: Short Run Impacts of Court Ordered Integration February 15

Explain a Model Due

- Gordon, Nora and Sarah Reber (Aug. 2016). *The Effects of School Desegregation on Mixed-Race Births*. URL: https://www.nber.org/system/files/working_papers/w22480/w22480.pdf. preprint
- Reber, Sarah J. (2005). "Court-Ordered Desegregation: Successes and Failures Integrating American Schools since Brown versus Board of Education". In: *The Journal of Human Resources* 40.3, pp. 559–590
- ★ Reber, Sarah J. (Oct. 2, 2010). "School Desegregation and Educational Attainment for Blacks". In: *Journal of Human Resources* 45.4, pp. 893–914

Week 5_

9: Long Run Impacts of Court Ordered Integration February 20

- ★ Anstreicher, Garrett, Jason Fletcher, and Owen Thompson (Apr. 2022). *The Long Run Impacts of Court-Ordered Desegregation*. Working Paper 29926. National Bureau of Economic Research
- Antman, Francisca M. and Kalena E. Cortes (Sept. 2023). "The Long-Run Impacts of Mexican American School Desegregation". In: *Journal of Economic Literature* 61.3, pp. 888–905

- Logan, John, Weiwei Zhang, and Deirdre Oakley (Mar. 2017). "Court Orders, White Flight, and School District Segregation, 1970–2010". In: Social Forces 95.3, pp. 1049–1071
- ★ Lutz, Byron (2011). "The End of Court-Ordered Desegregation". In: *American Economic Journal: Economic Policy* 3.2, pp. 130–68
- Reardon, Sean F. et al. (Sat, 2012-12-01 00:00). "Brown Fades: The End of Court-Ordered School Desegregation and the Resegregation of American Public Schools". In: *Journal of Policy Analysis* and Management 31(4) (31(4)), p. 876

 Jackson, C. Kirabo (Apr. 2009). "Student Demographics, Teacher Sorting, and Teacher Quality: Evidence from the End of School Desegregation". In: *Journal of Labor Economics* 27.2, pp. 213–256

Friday, February 23 Stata | R Problem Set 2 Due

Week 6

11. School Integration and Residential Segregation February 27

- Boustan, Leah Platt (Jan. 2012). "School Desegregation and Urban Change: Evidence from City Boundaries". In: *American Economic Journal: Applied Economics* 4.1, pp. 85–108
- ★ Baum-Snow, Nathaniel and Byron F. Lutz (Dec. 2011). "School Desegregation, School Choice, and Changes in Residential Location Patterns by Race". In: *American Economic Review* 101.7, pp. 3019–3046
- Concept Summary: Hadden Loh, Tracy, Christopher Coes, and Becca Buthe (Dec. 16, 2020). Separate and Unequal: Persistent Residential Segregation Is Sustaining Racial and Economic Injustice in the U.S. Brookings
- Lukes, Dylan and Christopher Cleveland (Fri, 11/05/2021 12:00). The Lingering Legacy of Redlining on School Funding, Diversity, and Performance. Annenberg Institute at Brown University
- Data Source: Mapping Inequality (2023). URL: https://dsl.richmond.edu/panorama/redlining/(visited on 10/05/2023)

12: Equal Opportunity: Early Childhood Education and Head Start February 29

- ★ Johnson, Rucker C. and C. Kirabo Jackson (Nov. 2019). "Reducing Inequality through Dynamic Complementarity: Evidence from Head Start and Public School Spending". In: *American Economic Journal: Economic Policy* 11.4, pp. 310–349
- Johnson, Rucker C (May 1, 2010). "The Health Returns of Education Policies from Preschool to High School and Beyond". In: *American Economic Review* 100.2, pp. 188–194
- Writing Economics, pgs. 24, 31-33

Week 7_

Everyone required to come to OH to discuss ideas either Tuesday (3/5) or Friday (3/8)

- Alesina, Alberto, Reza Baqir, and William Easterly (Nov. 1, 1999). "Public Goods and Ethnic Divisions". In: *The Quarterly Journal of Economics* 114.4, pp. 1243–1284
- Bernini, Andrea, Giovanni Facchini, and Cecilia Testa (Apr. 2023). "Race, Representation, and Local Governments in the US South: The Effect of the Voting Rights Act". In: *Journal of Political Economy* 131.4, pp. 994–1056
- Bewley, Truman F. (1981). "A Critique of Tiebout's Theory of Local Public Expenditures". In: *Econometrica* 49.3, pp. 713–740
- ★ Glomm, Gerhard, B. Ravikumar, and Ioana Schiopu (2011). *The Political Economy of Education Funding*. Handbook of the Economics of Education. Elsevier, pp. 615–680
- Writing Economics, pg. 21
- Tiebout, Charles M. (1956). "A Pure Theory of Local Expenditures". In: *Journal of Political Economy* 64.5, pp. 416–424

14: School Finance Reforms March 7

- Aaronson, Daniel (1999). "The Effect of School Finance Reform on Population Heterogeneity". In: *National Tax Journal* 52.1, pp. 5–29
- Bayer, Patrick, Peter Q. Blair, and Kenneth Whaley (May 2020). "The Impact of School Finance Reforms on Local Tax Revenues". In: AEA Papers and Proceedings 110, pp. 416–418
- ★ Jackson, C. K., Johnson, R. C., & Persico, C. (2016). The Effects of School Spending on Educational and Economic Outcomes: Evidence from School Finance Reforms. The Quarterly Journal of Economics, 131(1), 157–218.



March 9 to 17

Spring Break



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15: Neigh	borhoods and	Neighborhood Schools		
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- Caetano, Gregorio and Hugh Macartney (Feb. 1, 2021). "What Determines School Segregation?
 The Crucial Role of Neighborhood Factors". In: *Journal of Public Economics* 194, p. 104335
- ★ Chetty, Raj, Nathaniel Hendren, and Lawrence F. Katz (Apr. 2016). "The Effects of Exposure to Better Neighborhoods on Children: New Evidence from the Moving to Opportunity Experiment". In: *American Economic Review* 106.4, pp. 855–902
- Epple, Dennis N. and Richard Romano (2003). "Neighborhood Schools, Choice, and the Distribution of Educational Benefits". In: *NBER Chapters*, pp. 227–286

Friday, March 22 Stata | R Problem Set 4 Due

- Cooperstock, Alexandra (Apr. 1, 2023). "The Demographics of School District Secession". In: Social Forces 101.4, pp. 1976–2012
- Fischel, William A. (Nov. 2009). "The Economic Geography of School Districts". In: Making the Grade: The Economic Evolution of American School Districts. Chicago, IL: University of Chicago Press, pp. 157–216
- Fractured: The Breakdown of America's School Districts, EdBuild, April 2019.
- ★ Monarrez, Tomás E. (July 2023). "School Attendance Boundaries and the Segregation of Public Schools in the United States". In: American Economic Journal: Applied Economics 15.3, pp. 210– 237
- Owens, Ann, Sean F. Reardon, and Christopher Jencks (2016). "Income Segregation Between Schools and School Districts". In: *American Educational Research Journal* 53.4, pp. 1159–1197

Week 9_

- ★ Blair, Peter Q. (Apr. 2023). Beyond Racial Attitudes: The Role of Outside Options in the Dynamics of White Flight. URL: https://www.nber.org/papers/w31136 (visited on 04/24/2023). preprint
- Cascio, Elizabeth U. and Ethan G. Lewis (Apr. 2012). "Cracks in the Melting Pot: Immigration, School Choice, and Segregation". In: American Economic Journal: Economic Policy 4.3, pp. 91– 117

- Abdulkadiroğlu, Atila, Nikhil Agarwal, and Parag A. Pathak (Dec. 2017). "The Welfare Effects of Coordinated Assignment: Evidence from the New York City High School Match". In: American Economic Review 107.12, pp. 3635–3689
- ★ Avery, Christopher and Parag A. Pathak (Jan. 2021). "The Distributional Consequences of Public School Choice". In: *American Economic Review* 111.1, pp. 129–152
- Hoxby, Caroline M. (Dec. 2000). "Does Competition among Public Schools Benefit Students and Taxpayers?" In: *American Economic Review* 90.5, pp. 1209–1238
- Writing Economics, pgs. 24-25

Week 10
Everyone required to come to OH to discuss outline either Tuesday (4/9) or Friday (4/12)
19. "Good Schools" and Parental Preferences
Introduction, Outline and Empirical Strategy Due by Midnight
 ★ Beuermann, Diether W. and C. Kirabo Jackson (Apr. 9, 2020). "The Short and Long-Run Effects of Attending The Schools That Parents Prefer". In: <i>Journal of Human Resources</i> Black, Sandra E. (1999). "Do Better Schools Matter? Parental Valuation of Elementary Education". In: <i>The Quarterly Journal of Economics</i> 114.2, pp. 577–599 Oosterbeek, Hessel, Sándor Sóvágó, and Bas van der Klaauw (May 1, 2021). "Preference Heterogeneity and School Segregation". In: <i>Journal of Public Economics</i> 197, p. 104400
20. School Choice and School Segregation
 Böhlmark, Anders, Helena Holmlund, and Mikael Lindahl (2016). "Parental Choice, Neighbourhood Segregation or Cream Skimming? An Analysis of School Segregation after a Generalized Choice Reform". In: <i>Journal of Population Economics</i> 29.4, pp. 1155–1190 ★ Monarrez, Tomás, Brian Kisida, and Matthew Chingos (Feb. 2022). "The Effect of Chartel Schools on School Segregation". In: <i>American Economic Journal: Economic Policy</i> 14.1, pp. 301–340 Writing Economics, pgs. 25-29
Week 11
21 Private Schools and Vouchers April 9
21. Private Schools and Vouchers
 21. Private Schools and Vouchers Rough Draft Emailed to Partner and Instructor by Midnight ★ Nechyba, Thomas J. (2000). "Mobility, Targeting, and Private-School Vouchers". In: <i>The American Economic Review</i> 90.1, pp. 130–146 Murnane, Richard J. and Sean F. Reardon (Feb. 1, 2018). "Long-Term Trends in Private School Enrollments by Family Income". In: <i>AERA Open</i> 4.1, p. 2332858417751355 Card, David, Martin D. Dooley, and A. Abigail Payne (Oct. 2010). "School Competition and Efficiency with Publicly Funded Catholic Schools". In: <i>American Economic Journal: Applied Economics</i> 2.4, pp. 150–176
 Rough Draft Emailed to Partner and Instructor by Midnight ★ Nechyba, Thomas J. (2000). "Mobility, Targeting, and Private-School Vouchers". In: <i>The American Economic Review</i> 90.1, pp. 130–146 Murnane, Richard J. and Sean F. Reardon (Feb. 1, 2018). "Long-Term Trends in Private School Enrollments by Family Income". In: <i>AERA Open</i> 4.1, p. 2332858417751355 Card, David, Martin D. Dooley, and A. Abigail Payne (Oct. 2010). "School Competition and Efficiency with Publicly Funded Catholic Schools". In: <i>American Economic Journal: Applied Economics</i> 2.4.
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 Nechyba, Thomas J. (2000). "Mobility, Targeting, and Private-School Vouchers". In: <i>The American Economic Review</i> 90.1, pp. 130–146 Murnane, Richard J. and Sean F. Reardon (Feb. 1, 2018). "Long-Term Trends in Private School Enrollments by Family Income". In: <i>AERA Open</i> 4.1, p. 2332858417751355 Card, David, Martin D. Dooley, and A. Abigail Payne (Oct. 2010). "School Competition and Efficiency with Publicly Funded Catholic Schools". In: <i>American Economic Journal: Applied Economics</i> 2.4 pp. 150–176 Within-School Segregation

Week 12_

- ★ Chetty, Raj, John N Friedman, et al. (Aug. 1, 2020). "Income Segregation and Intergenerational Mobility Across Colleges in the United States*". In: *The Quarterly Journal of Economics* 135.3, pp. 1567–1633
- Hinrichs, Peter (Apr. 24, 2023). "An Empirical Analysis of Racial Segregation in Higher Education". In: *Education Finance and Policy*, pp. 1–34

24. Final Presentations	
Group 1 Present 15 minute presentations on final project	
Week 13	
25. Final Presentations	
Group 2 Present	
15 minute presentations on final project	
In the final 15 minutes of class, students will submit course evaluations on Q.	
Week 14	