

***Political Science 680: Seminar in Behavioral Research Design***

*Fall 2023*

*Tuesday 10am-1pm EST*

*049 UM Museum of Art (lower level)*

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Office hour information is listed on the Canvas website

*We are like sailors who on the open sea must reconstruct their ship but are never able to start afresh from the bottom. Where a beam is taken away a new one must at once be put there, and for this the rest of the ship is used as support. In this way, by using the old beams and driftwood the ship can be shaped entirely anew, but only by gradual reconstruction. (Otto Neurath).*

## **Introduction**

This class will provide graduate students with an introduction to the scientific method and an overview of how to apply it to the study of politics. Students will learn the fundamentals of the scientific method and, through research design, how to improve both causal inference and the measurement of political phenomena.

## **Course Objectives**

Our goal is to develop abstract, portable standards for data worth collecting along with a practical sense of how one might go about collecting those data. The breadth of topics is intended to help students of Political Science and related fields in social science to advance their own inquiry.

Optimally, the written work you do in this class will advance a research design that might contribute to your own research program, either as part of your dissertation or a significant side project that could lead to publication if executed. You will need to justify the work you want to do intellectually and practically in order to receive financial support for collecting data. Also, one of your most important jobs in academia will be in giving helpful advice to colleagues and students about their own work, regardless of topic. We hope this course is also of value for mastering that skill.

A significant theme of the course will be the crafting of grant proposals to generate support for the projects you hope to do in the future. Grant writing has some unique features relative to standard academic writing that are normally learned over the course of many years and rarely perfected before tenure. All research domains can be enhanced with support for better data collection, better research assistance, and uninterrupted writing time. Learning to write grant proposals in grad school is highly advantageous.

The course will be run partly as a lecture course and partly as a seminar. We will review basic ideas and arguments relevant to each week's topic, while also encouraging discussion and Q&A. Its success depends on all of us. Please make sure you try to chime in whenever you are able. The course is in person.

It is as important to build on and listen to what others have to say as it is to say things yourself. If you're not contributing in class much, we will try to call on you to help things along. If you interrupt others or don't give others a chance to speak, we will try to ask you to pause. This is very rare. Pay attention to your role in creating a productive discussion. The hours we have together go quickly. You are welcome to come talk to either of us during office hours about any aspect of your research program.

## **Required Reading Material**

- Trochim and Donnelly — Trochim, William and James P. Donnelly. 2007. *The Research Methods Knowledge Base*, 3rd Edition. Cincinnati, OH, Atomic Dog Publishing. Electronic version available from the instructors.
- Additional articles and chapters are listed below in the *Lecture Readings* and *Discussion Readings* subsections. Access to these readings will be located on the course Canvas page at the following link: <https://umich.instructure.com/courses/618516>
- Items listed in the "*Suggested Readings* and *Suggested Books* subsections are not required.

## **Class Requirements**

- (1) Assignments: Four Controversies/problem sets due periodically in class. Each will be worth 7% of your final grade. (28%)**
- (2) 4-page draft/outline on the topic of your grant proposal, due on Friday, November 10 at 5pm via Canvas. (12%)**
- (3) Workshopping the Grant Proposal: Submitting a revised version of the draft for discussion with the class (10%)**
- (4) Grant Proposal: outlines an interesting and researchable question and sets out a detailed, step by step plan for answering that question, 15-20 double-spaced pages. This should include all the major sections of a standard NSF proposal, though it need not be an NSF proposal per se. Multi-method proposals are welcome. Due in electronic form (in the Canvas Assignments) by 4 p.m. on Friday, December 15th. No late papers please. (35%)**
- (5) Class participation. Weekly discussion, and feedback for each other's projects. (15%)**

## Summary of Class Schedule

### Validity Focus: The Five Validities (Deductive Validity, Construct/Measurement Validity, Internal Validity, External Validity, Conclusion/Inferential Validity)

- Week 1: Introduction to the Scientific Method

### Validity Focus: *Deductive Validity*

- Week 2: Inferences from Logical Evidence in Formal Designs

### Validity Focus: *Construct/Measurement Validity*

- Week 3: Measurement Theory- Explication and the Modeling of Unobservable Concepts
- Week 4: Validity and Reliability in Measurement
- Week 5: Writing Good Questions- Surveys as Conversations
- Week 6: Analyzing Content

### Validity Focus: *Internal Validity*

- Week 7: True Experiments
- Week 8: \*\*No Class for Fall Break\*\*
- Week 9: Quasi- and Natural Experiments
- Week 10: Specific Quasi-Experimental Designs

### Validity Focus: *External Validity*

- Week 11: Sampling
- Week 12: Ecological Validity

### Validity Focus: *Building Linkages Across Validity Types*

- Week 13: Observational Designs- Statistically Modeling the Assignment Process
- Week 14: The Comparative Method, Fieldwork, and Archival Analysis

### Validity Focus: *Conclusion/Inferential Validity*

- Week 15: Workshopping Grant Proposals
- Week 16: Workshopping Grant Proposals

## **Validity Focus: The Five Validities (Deductive Validity, Construct/Measurement Validity, Internal Validity, External Validity, Conclusion/Inferential Validity)**

Week 1: Introduction to the Scientific Method (Aug. 29)

### *Lecture Readings:*

- Kinder, D.R. 2011. Campbell's ghost. In Druckman, James N., Green, Donald P., Kuklinski, James H., and Lupia, Arthur (editors), *Oxford Handbook of Experimental Methods for Political Science*. New York: Oxford University Press. Pp. 525-530.
- Rubin, Donald B. 2008. "For Objective Causal Inference, Design Trumps Analysis." *Annals of Applied Statistics* 2(3):808-840.
- Shadish, William R. 2010. "Campbell and Rubin: A Primer and Comparison of Their Approaches to Causal Inference in Field Settings." *Psychological Methods* 15(1):3-17.
- Trochim and Donnelly. Ch 1: "Foundations."

### *Discussion Readings:*

- King, Gary, Robert O. Keohane, and Sidney Verba. 1994. *Designing Social Inquiry: Scientific Inference in Qualitative Research*. Princeton, NJ: Princeton University Press. Ch. 1: 3-33.
- Laitin, David D. 1995. *Disciplining political science*. *American Political Science Review* 89:454-456.
- Bartels, Larry M. 2004. *Some unfulfilled promises of quantitative imperialism*. In Henry E. Brady and David Collier (editors), *Rethinking Social Inquiry. Diverse Tools, Shared Standards*. Oxford, UK: Rowman & Littlefield. Pp. 69-74 (especially pp. 72-73).
- "Being a Good Scientist" Brief interview with Alex Guazzeli, Director of Machine Learning in Amazon's Customer Trust and Partner Support unit (link on Canvas)

### *Suggested Readings:*

- Kaplan, Abraham. 1964. *The Conduct of Inquiry*. San Francisco: Chandler. 2<sup>nd</sup> half of chapter 1: pp. 18-33.
- King, Gary, Robert O. Keohane, and Sidney Verba. 1994. *Designing Social Inquiry*. Princeton University Press.
- Schrod. Philip A. 2014. "Seven Deadly Sins of Quantitative Political Analysis." *Journal of Peace Research* 51(2):287-300.
- Shadish, William R., Thomas D. Cook and Donald T. Campbell. 2001. *Experimental and Quasi-Experimental Designs for Generalized Causal Inference*. Wadsworth Publishing.
- Zinnes, Dina A. 1976. "The Problem of Cumulation," in James N. Rosenau (ed.,) *In Search of Global Patterns*, New York: Free Press.

## **Validity Focus: Deductive Validity**

Week 2: Inferences from Logical Evidence in Formal Designs (Sept. 5)

### *Lecture Readings:*

- Mintz, Alex, Nicholas A. Valentino and Carly Wayne. 2021. *Behavioral Political Science*. New York: Cambridge University Press. Chapters 2-3.
- Paine, Jack, and Scott Tyson. 2020. "Uses and Abuses of Formal Models in Political Science" *SAGE Handbook of Political Science: A Global Perspective*, Chapter 11.
- Schwartz, Thomas. 1980. *The Art of Logical Reasoning*. New York: Random House. Pg.3-53.

*Discussion Readings:*

- Driscoll, Jesse. 2012. "Commitment Problems or Bidding Wars? Rebel Fragmentation as Peace Building" *Journal of Conflict Resolution* 56(1):118-149.
- Mackie, Gerry. 1996. "Ending Footbinding and Infibulation: A Convention Account." *American Sociological Review* 61(6):999-1017.
- McCubbins, Mathew D. and Thomas Schwart. 1984, "Congressional Oversight Overlooked: Police Patrols versus Fire Alarms" *American Journal of Political Science* 28(1): 165-171.

*Suggested Readings:*

- Ashworth, Scott, Christopher R Berry and Ethan Bueno de Mesquita. 2021. *Theory and Credibility: Integrating Theoretical and Empirical Social Science*. Princeton University Press.
- Fearon, James. 1991. "Counterfactuals and hypothesis testing in political science" *World Politics* 43:169-195.
- Slantchev, Branislav L. 2017. "On the Proper Use of Game-Theoretic Models in Conflict Studies Peace Economics" *Peace Science and Public Policy* 23(4):1-14.

**Validity Focus: Construct/Measurement Validity**

Week 3: Measurement Theory- Explication and the Modeling of Unobservable Concepts (Sept. 12)

*Lecture Readings:*

- Chaffee, Steven H. 1991. *Explication*. London: Sage Publications. Chs 1-2.pdf
- Fariss, Christopher J., Michael R. Kenwick, and Kevin Reuning. 2020. "Measurement Models", in *SAGE Handbook of Research Methods in Political Science & International Relations*, edited by Luigi Curini and Robert J. Franzese, Jr., SAGE Press.
- Fariss, Christopher J. and James Lo. 2020. "Innovations in Concepts and Measurement for the Study of Peace and Conflict" *Journal of Peace Research* 57(6):669-678.
- Trochim and Donnelly. Ch 3: "The Theory of Measurement." pps 103-105 only, on Levels of Measurement

*Discussion Readings:*

- Kruger, Jule and Ragnhild Nordås. 2020. "A latent variable approach to measuring sexual violence in armed conflict" *Journal of Peace Research* 57(6).
- Lowande, Kenneth, and Charles R. Shipan. 2022. "Where Is Presidential Power? Measuring Presidential Discretion Using Experts." *British Journal of Political Science* 52(4): 1876-1890.

*Suggested Readings:*

- Barnum, Miriam, Christopher J. Fariss, Jonathan N. Markowitz, and Gaea Patrice Morales. "Measuring Arms: Introducing the Global Military Spending Dataset" <https://osf.io/rsxze/>.
- Bartholomew, David J. 1998. "Scaling Unobservable Constructs in Social Science." *Journal of the Royal Statistical Society. Series C (Applied Statistics)* 47:1-13.
- Blei, David M. 2014. "Build, compute, critique, repeat: data analysis with latent variable models." *Annual Review of Statistics and Its Application* 1:203-232.
- Borsboom, Denny. 2005. *Measuring the Mind: Conceptual Issues in Contemporary Psychometrics* Cambridge University Press.

- Clinton, Joshua, Simon Jackman, and Douglas Rivers. 2004. "The Statistical Analysis of Roll Call Data." *American Political Science Review* 98(2):355-370.
- Fariss, Christopher J. 2019. "Yes, Human Rights Practices Are Improving Over Time" *American Political Science Review* 133(3):868-881.
- Gerring, John. 1999. "What Makes a Concept Good? A Criterial Framework for Understanding Concept Formation in the Social Sciences." *Polity*, 31: 357-393.
- Jacoby, William. "Levels of Measurement and Political Research- An Optimist View," *American Journal of Political Science*, 1999, pp. 271-301.
- Kerner, Andrew. 2014. "What are we talking about when we are talking about FDI" *International Studies Quarterly* 58(4): 804-815.
- Kuhn, Thomas 1961. The Function of Measurement in Modern Physical Science, *Isis* 52:161-190.
- Martin, Andrew D. and Kevin M. Quinn. 2002. "Dynamic Ideal Point Estimation via Markov Chain Monte Carlo for the U.S. Supreme Court, 1953-1999" *Political Analysis* 10(2):134-153.
- Poole, Keith T. and Howard Rosenthal. 1991. "Patterns of Congressional Voting." *American Journal of Political Science* 35(1):228-278.
- Reuning, Kevin, Michael R. Kenwick, and Christopher J. Fariss. 2019. "Exploring the Dynamics of Latent Variable Models" *Political Analysis* 27(4):503-517
- Sartori, Giovanni. 1970. "Concept Misformation in Comparative Politics." *The American Political Science Review* 64 (4): 1033–1053.
- Schnakenberg, Keith E. and Christopher J. Fariss. 2014. "Dynamic Patterns of Human Rights Practices" *Political Science Research and Methods* 2(1):1-31.
- Stevens, S.S. 1946. "On the Theory of Scales of Measurement" *Science* 103(2684):677-680.

### **Assignment 1 Due Friday: Controversies in Measurement (due Friday of this week)**

Week 4: Validity and Reliability in Measurement (Sept. 19)

#### *Lecture Readings:*

- Adcock, Robert, and David Collier. 2001. "Measurement Validity: A Shared Standard for Qualitative and Quantitative Research." *American Political Science Review* 95(3):529–546.
- Borsboom, Denny, Gideon J. Mellenbergh, and Jaap van Heerden. 2004. "The Concept of Validity" *Psychological Review* 111(4):1061-71.
- Trochim and Donnelly. Ch 3: "The Theory of Measurement."

#### *Discussion Readings:*

- Anders, Therese, Christopher J. Fariss, and Jonathan Markowitz. 2020. "Bread before guns or butter: Introducing Surplus Domestic Product (SDP)" *International Studies Quarterly* 64(2):392-405.
- Roos, J. Mica. 2012. Measuring science or religion? A measurement analysis of the National Science Foundation sponsored science literacy scale 2006–2010. *Public Understanding of Science*, 23(7), 797-813.
- Bushman, B. J., and Wells, G. L. 1998. "Trait aggressiveness and hockey penalties-Predicting hot tempers on the ice" *Journal of Applied Psychology* 83(6), 969-974.

#### *Suggested Readings:*

- Carmines, Edward G. & Richard A. Zeller. 1979. *Reliability and Validity Assessment*. Beverly Hills, Sage. Pps. 9-49.

- Hand, D. J., 1996. "Statistics and the Theory of Measurement." *Journal of the Royal Statistical Society. Series A (Statistics in Society)*. 159(3):445-492.
- Jackman, Simon. 2008. "Measurement." In *The Oxford Handbook of Political Methodology*, edited by Janet M. Box-Steffensmeier, Henry E. Brady, and David Collier. Oxford University Press.
- Kramer, Gerald H. 1986. Political science as science. In *Political Science: The Science of Politics* (ed.) Herbert F. Weisberg. New York: Agathon. Pp. 11-23.
- Kuhn, T. 1961. "The Function of Measurement in Modern Physical Science." Chicago: University of Chicago Press (especially Chapter 8 in The Essential Tension).
- Webb, E.J., D.T. Campbell, R.D. Schwartz, and L. Sechrest. 1966/2000. *Unobtrusive Measures*. Revised edition: Thousand Oaks, CA: Sage.
- Zeller, Richard A., and Edward G. Carmines. 1980. *Measurement in the Social Sciences: The Link between Theory and Data*. Cambridge: Cambridge University Press.

#### Week 5: Writing Good Questions- Surveys as Conversations (Sept. 26)

##### Lecture Readings:

- Pasek, J., & Krosnick, J. A. 2010. "Optimizing survey questionnaire design in political science: Insights from psychology." In J. Leighley (Ed.), Oxford Handbook of American Elections and Political Behavior. Oxford, UK: Oxford University Press.
- Converse, Jean M. and Howard Schuman. Chapter 2. "The Role of the Interviewer," in *Conversations at Random: Survey Research as Interviewers See It*. New York: Wiley, 1974, pp. 10-63.
- Lupu, Noam and Kristin Michelitch. 2018. "Advances in Survey Methods for the Developing World" *Annual Review of Political Science* 21: 195-214.

##### Discussion Readings:

- Cohen, Mollie J., and Kaitlen J Cassell. "Reducing Item Nonresponse to Vote-Choice Questions: Evidence from a Survey Experiment in Mexico" *Public Opinion Quarterly* 87(1):1-23.
- Peterson, E., and Iyengar, S. (2021). Partisan gaps in political information and information seeking behavior: Motivated reasoning or cheerleading? *American Journal of Political Science*, 65(1), 133–147.
- Kteily N, Bruneau EG, Waytz A, Cotterill S. 2015. The Ascent of Man: A Theoretical and Empirical Case for Blatant Dehumanization. *Journal of Personality and Social Psychology*.

##### Suggested Readings:

- Berinsky, Adam J. 2017. "Measuring public opinion with surveys." *Annual review of political science* 20: 309-329.
- Blair, Graeme, Alexander Coppock, and Margaret Moor. 2020. "When to worry about sensitivity bias: A social reference theory and evidence from 30 years of list experiments." *American Political Science Review* 114(4): 1297-1315.
- Davis, Justine. M., and Martha Wilfahrt. 2023. "Enumerator Experiences in Violent Research Environments." *Comparative Political Studies*
- Yeager DS, Krosnick JA (2010) The validity of self-reported nicotine product use in the 2001–2008 national health and nutrition examination survey. *Medical Care* 48(12): 1128–1132.
- Jesse, Stephen A. 2017. "Don't Know Responses, Personality and the Measurement of Political Knowledge" *Political Science Research and Methods* 5(4):711-731.
- Kish, Leslie. 1965. *Survey Sampling*. New York: Wiley.
- Trochim and Donnelly. Ch 4: "Survey Research."



## Assignment 2 Due Friday: Writing Survey Questions

Week 6: Analyzing Content (Oct. 3)

### Lecture Readings:

- Neuendorf, Kimberly A. 2002. *The Content Analysis Guidebook*. Thousand Oaks, CA: Sage Publications (Chapters 1 and 7).
- Fujii, Lee Ann. 2010. "Shades of Truth and Lies: Interpreting Testimonies of War and Violence." *Journal of Peace Research* 47(2):231-241.
- Grimmer, Justin and Brandon M. Stewart. 2013. "Text as Data: The Promise and Pitfalls of Automatic Content Analysis Methods for Political Texts." *Political Analysis* 21(3):267-297.

### Discussion Readings:

- Cordell, Rebecca, K. Chad Clay, Christopher J. Fariss, Reed M. Wood, and Thorin M. Wright. 2022. "Recording Repression: Identifying Physical Integrity Rights Allegations in Annual Country Human Rights Reports" *International Studies Quarterly* 66(2):sqac016.
- Humphrey, Ronald and Howard Schuman. 1984. "The Portrayal of Blacks in Magazine Advertisements: 1950-1982." *Public Opinion Quarterly*, 48: 551-563.
- Young, Lori, and Stuart Soroka. 2012. "Affective News: The Automated Coding of Sentiment in Political Texts" *Political Communication* 29(2):205-231.

### Suggested Readings:

- Cramer, Katherine J., and Benjamin Toff. 2017. "The fact of experience: Rethinking political knowledge and civic competence" *Perspectives on Politics* 15(3): 754-770.
- Dietrich, Nick and Kristine Eck. 2020. "Known unknowns: media bias in the reporting of political violence" *International Interactions* 46(6):1043-1060.
- Gannon, J. Andrés and Kerry Chávez. 2023. "A Wiki-based dataset of military operations with novel strategic technologies (MONSTR)" *International Interactions* 49(4):639-668.
- Grimmer, Justin, Margaret E. Roberts, and Brandon M. Stewart. 2022. *Text as Data: A New Framework for Machine Learning and the Social Sciences*. Princeton University Press.
- Jerzak, Connor T., Gary King, and Anton Strezhnev. 2023. "An Improved Method of Automated Nonparametric Content Analysis for Social Science." *Political Analysis* 31(1): 42-58.
- Mosley, Layna. 2013. "'Just Talk to People'? Interviews in Contemporary Political Science" In *Interview Research in Political Science*, editors, Layna Mosley. Ithaca NY, Cornell University Press.
- Holsti, O. R. 1968. Content analysis. In Lindzey, G., and Aronson, E. (eds). *Handbook of Social Psychology*. 2nd edition. Volume II. Reading, MA: Addison-Wesley. Pp. 596-601; 644-663.

## Validity Focus: *Internal Validity*

Week 7: True Experiments (Oct. 10)

### Lecture Readings:

- Campbell, D.T. and J.C. Stanley. 1966. *Experimental and Quasi-Experimental Designs for Research*. Chicago: Rand-McNally. Pp. 1-33
- Trochim and Donnelly. Ch 6: "Design", Ch 7: "Experimental Design."

- Druckman, James N., and Donald P. Green. 2021. "A New Era of Experimental Political Science." Chapter. In *Advances in Experimental Political Science*, edited by James N. Druckman and Donald P. Green, 1-16. Cambridge: Cambridge University Press.
- Hainmueller, J., Hopkins D. J. and Yamamoto, T. 2014. "Causal Inference in Conjoint Analysis: Understanding Multidimensional Choices via Stated Preference Experiments" *Political Analysis* 22(1):1-30.

#### *Discussion Readings:*

- Brader, Ted, Nicholas A. Valentino, and Elizabeth Suhay. 2008. "What Triggers Public Opposition to Immigration? Anxiety, Group Cues, and Immigration Threat." *American Journal of Political Science*, 52(4): 959-978.
- Davis, Justine M. Forthcoming. "Parochial Altruism in Civil Society Leaders: Legacies of Contested Governance" *Journal of Politics*
- Mummolo, Jonathan and Erik Peterson. 2019. "Demand Effects in Survey Experiments: An Empirical Assessment." *American Political Science Review* 113(2): 517-529.

#### *Suggested Readings:*

- Bueno de Mesquita, Ethan and Scott Tyson. 2020. "The Commensurability Problem: Conceptual Difficulties in Estimating the Effect of Behavior on Behavior" *American Political Science Review* 114(2):375-391.
- Cook, T.D. and Campbell, D.T. 1979. *Quasi-Experimentation. Design & Analysis Issues for Field Settings. Designs for Generalized Causal Inference*. Chicago: Rand McNally. Pp. 1-25.
- Druckman, James N., Green, Donald P., Kuklinski, James H., and Lupia, Arthur (editors). 2011. *The Oxford Handbook of Experimental Methods for Political Science*. New York: Oxford University Press.
- Fong, Christian and Justin Grimmer. 2023. "Causal Inference with Latent Treatments" *American Journal of Political Science* 67(2):374-389.
- Gerber AS, Green DP. 2000. The effects of personal canvassing, telephone calls, and direct mail on voter turnout: A field experiment. *American Political Science Review* 94:653-664.
- Hyde, Susan. 2015. "Experiments in International Relations: Lab, Survey, and Field." *Annual Review of Political Science* 18:403-424.
- Kenwick, Michael R. and Sarah Maxey. 2022. "You and Whose Army? How Civilian Leaders Leverage the Military's Prestige to Shape Public Opinion" *Journal of Politics* 84(4): 1963-1978.
- Iyengar, S. & Kinder, D. R. 1987. *News that Matters*. Chicago: University of Chicago Press.
- Kinder, D.R. and Palfrey, T.R. 1993. On behalf of an experimental political science. In Kinder and Palfrey (eds.), *Experimental Foundations of Political Science*. Ann Arbor: University of Michigan Press. Pp. 1-39.
- Lin, Winston, and Donald P. Green. 2016. "Standard operating procedures: A safety net for pre-analysis plans." *PS: Political Science & Politics* 49(3): 495-500.
- Morton, Rebecca B. and Kenneth C. Williams. 2010. *Experimental Political Science and the Study of Causality. From Nature to the Lab*. Cambridge, UK: Cambridge University Press.
- Slough, Tara. 2023. "Phantom Counterfactuals." *American Journal of Political Science*. 67(1): 137-153.
- Slough, Tara and Christopher J. Fariss. "Misgovernance and Human Rights: Experimental Evidence of Illegal Detention without Intent" *American Journal of Political Science* 65(1):148-165.

#### **Assignment 3 Due Friday: Review design vignettes, discuss challenges to inference**

Week 8: \*\*No Class for Fall Break\*\* (Oct. 17)

Week 9: Quasi- and Natural Experiments (Oct. 24)

*Lecture Readings:*

- Trochim and Donnelly. Ch 8: "Quasi-Experimental Design."
- Titunik, Rocío. 2021. "Natural Experiments." In *Advances in Experimental Political Science*, edited by James N. Druckman and Donald P. Green, 103-129. Cambridge: Cambridge University Press.

*Discussion Readings:*

- Avey, Paul C., Jonathan N. Markowitz, and Robert J. Reardon, 2018. "Do US Troop Withdrawals Cause Instability? Evidence from Two Exogenous Shocks on the Korean Peninsula" *Journal of Global Security Studies* 3(1): 72-92.
- Hyde, Susan. 2007. "The Observer Effect in International Politics: Evidence from a Natural Experiment." *World Politics* 60:37-63.
- Posner, Daniel N. 2004. "The Political Salience of Cultural Difference: Why Chewas and Tumbukas Are Allies in Zambia and Adversaries in Malawi." *American Political Science Review* 98(4):529-545.

*Suggested Readings:*

- Achen Christopher H. 1986. *The Statistical Analysis of Quasi-Experiments*. Berkeley: University of California Press.
- Card, David, and Alan B. Krueger. 1994. "Minimum Wages and Employment: A Case Study of the Fast-Food Industry in New Jersey and Pennsylvania." *American Economic Review* 84(4):772-793.
- Dunning, Thad. 2012. *Natural Experiments in the Social Sciences: A Design-Based Approach*. Cambridge: Cambridge University Press.
- Hainmueller, Jens and Dominik Hangartner. 2013. "Who Gets a Swiss Passport? A Natural Experiment in Immigrant Discrimination." *American Political Science Review* 107(1):159-187.
- Lalonde, Robert. 1986. "Evaluating the Econometric Evaluations of Training Programs." *American Economic Review* 76:604-620.
- Loewen, Peter J., Royce Koop, Jaime E. Settle, and James H. Fowler. Forthcoming. "A Natural Experiment in Proposal Power and Electoral Success." *American Journal of Political Science* 58(1): 189-196.
- Sekhon, Jasjeet and Rocío Titunik. 2012. "When Natural Experiments Are Neither Natural nor Experiments." *American Political Science Review*, 106(1):35-57.

Week 10: Specific Quasi-Experimental Designs- Interrupted Time-Series, Regression Discontinuity, Matching, and Instrumental Variables (Oct. 31)

*Lecture Readings:*

- Trochim and Donnelly. Ch 9: "Advanced Design Topics."

*Discussion Readings:*

- Campbell, Donald T. and H. Laurence Ross. 1968. "The Connecticut Crackdown on Speeding: Time-Series Data in Quasi-Experimental Analysis." *Law and Society Review* 3(1):55-76.
- Markowitz, Jonathan N. "Arctic Shock: Utilizing the Exogenous Shock of Climate Change to Test Competing Theories of Resource Competition" *Journal of Conflict Resolution*.
- Mo, Cecilia Hyunjung and Katharine Conn. 2018. When Do the Advantaged See the Disadvantages of Others? A Quasi-Experimental Study of National Service. *American Political Science Review* 112(4):721-741.
- Lyall, Jason. 2010. "Are Co-Ethnics More Effective Counter-Insurgents? Evidence from the Second Chechen War." *American Political Science Review* 104(1):1-20.

#### *Suggested Readings:*

- Cattaneo, Matias, Nicolas Idrobo, Rocio Titiunik. 2020. *A Practical Introduction to Regression Discontinuity Designs: Foundations*. Cambridge Elements: Quantitative and Computational Methods for Social Science, Cambridge University Press. <https://arxiv.org/abs/1911.09511>
- Conrad, Courtenay R., and Emily Hencken Ritter. 2016. "Preventing and Responding to Dissent: The Observational Challenges of Explaining Strategic Repression." *American Political Science Review* 110(1):85-99.
- Ho, Daniel E. , Kosuke Imai, Gary King and Elizabeth A. Stuart. 2007. "Matching as Nonparametric Preprocessing for Reducing Model Dependence in Parametric Causal Inference" *Political Analysis* 15(3):199-236.
- Imbens, Guido and Thomas Lemieux. 2008. "Regression Discontinuity Designs: A Guide to Practice." *Journal of Econometrics* 142:615-635. 9.
- Keele, Luke J. and Rocio Titiunik, 2015. "Geographic Boundaries as Regression Discontinuities." *Political Analysis* 23(1):127-155.
- Snyder, James M., Olle Folke, and Shigeo Hirano. 2015. "Partisan Imbalance in Regression Discontinuity Studies Based on Electoral Thresholds" *Political Science Research and Methods* 3(2):169-186.
- Sovey, Allison J., and Donald P. Green. 2010. "Instrumental Variables Estimation in Political Science: A Reader's Guide." *American Journal of Political Science* 55(1):188-200.

#### **Validity Focus: External Validity**

Week 11: Ecological Validity (Nov. 7)

#### *Lecture Readings:*

- Berkowitz, Leonard, and Edward Donnerstein. 1982. "External Validity is More than Skin Deep" *American Psychologist* 37(3):245-257.
- Fariss, Christopher J. and Zachary M. Jones. 2018. "Enhancing External Validity in Observational Settings When Replication is Not Possible" *Political Science Research and Methods* 6(2):365-380.
- Slough, Tara and Scott Tyson. 2023. "External Validity and Meta-Analysis" *American Journal of Political Science* 67 (2): 440-455.

#### *Discussion Readings:*

- Becker, Megan, Jonathan Markowitz, Sarah Orsborn, Srividya Dasaraju, Isabelle Nazha, and Lindsay Lauder. Forthcoming. "Replicating the Resource Curse: A Qualitative Replication of Ross 2004" *International Studies Quarterly*.

- Coppock, Alexander, and Donald P. Green. 2015. "Assessing the Correspondence between Experimental Results Obtained in the Lab and Field: A Review of Recent Social Science Research" *Political Science Research and Methods* 3(1):113-131.
- Kao, Kristen, Ellen Lust, Marwa Shalaby, and Chagai M. Weiss. 2023. "Female Representation and Legitimacy: Evidence from a Harmonized Experiment in Jordan, Morocco, and Tunisia." *American Political Science Review*.

#### *Suggested Readings:*

- Anderson, Craig A., James J. Lindsay and Brad J. Bushman. 1999. Research in the Psychological Laboratory: Truth or Triviality? *Current Directions in Psychological Science*, Vol. 8, No. 1 (Feb., 1999), pp. 3-9
- Becker, Megan. 2020. "Qualitative Replication as a Pedagogical Approach to Teaching Research Methods." *PS: Political Science & Politics* 53(4): 802-806.
- Berinsky, Adam J., James N. Druckman, and Teppei Yamamoto. 2021. "Publication Biases in Replication Studies." *Political Analysis* 29(3): 370-384.
- Djupe, Paul A., Amy Erica Smith, and Anand Edward Sokhey. 2019. "Explaining gender in the journals: how submission practices affect publication patterns in political science." *PS: Political Science & Politics* 52(1): 71-77.
- Enamorado, Ted and Kosuke Imai. 2019. "Validating Self-Reported Turnout by Linking Public Opinion Surveys with Administrative Records" *Public Opinion Quarterly* 83(4): 723-748.
- Elman, Colin, Diana Kapiszewski, and Arthur Lupia. 2018. "Transparent social inquiry: Implications for political science." *Annual Review of Political Science* 21: 29-47.
- Findley, Michael G, Kyosuke Kikuta and Michael Denly. 2021. "External validity." *Annual Review of Political Science* 24:365–393
- Henry, Colin, Anita Gohdes, and Cassy Dorff. 2022. "Digital Footprints and Data-Security Risks for Political Scientists." *PS: Political Science & Politics* 55(4): 804-808.
- Jackman, Simon, and Bradley Spahn. 2019. "Why Does the American National Election Study Overestimate Voter Turnout?" *Political Analysis* 27(2):193–207.
- King, Gary. 1995. "Replication, Replication." *PS: Political Science and Politics* 28: 443-499.
- King, Gary. 2006. "Publication, Publication." *PS: Political Science and Politics* 39:119-125.
- Montgomery, Jacob M., Florian M. Hollenbach, and Michael D. Ward. 2012. "Improving Predictions Using Ensemble Bayesian Model Averaging" *Political Analysis* 20(3): 271-291.
- Shmueli, Galit. 2010. "To Explain or to Predict?" *Statistical Science* 25(3): 289-310.
- Slough, Tara and Scott A. Tyson. "Sign-Congruence, External Validity, and Replication"
- Slough, Tara and Scott A. Tyson. 2023. *External Validity and Evidence Accumulation*. Under contract, Cambridge University Press, Elements in Quantitative and Computational Methods for the Social Sciences series.

#### **Draft (4 page) Grant Proposal Due Friday, November 10 at 5pm**

Week 12: Sampling (Nov. 14)

#### *Lecture Readings:*

- Geddes, Barbara. 1990. How the cases you choose affect the answers you get: Selection bias in comparative politics. *Political Analysis* 2:131-50.
- Groves, Robert M. and Emilia Peytcheva. 2008. "The Impact of Nonresponse Rates on Nonresponse Bias: A Meta-Analysis" *The Public Opinion Quarterly* 72(2): 167-189.
- Lustik, Ian S. 1996. "History, Historiography, and Political Science: Multiple Historical Records and the Problem of Selection Bias." *American Political Science Review* 90(3):605-618.
- Trochim and Donnelly. Ch 2: "Sampling",

*Discussion Readings:*

- Sears, David O. 1986. "College Sophomores in the Laboratory: Influences of a Narrow Database on Social Psychology's View of Human Nature." *Journal of Personality and Social Psychology* 51, 515-530.
- Berinsky, A.J., G.A. Huber and G.S. Lenz. 2012. "Evaluating Online Labor Markets for Experimental Research: Amazon. com's Mechanical Turk." *Political Analysis* 20(3): 351-368.
- Valentino, Nicholas A., Kirill Zhirkov, Sunshine Hillygus and Brian Guay. 2020. "The Consequences of Personality Biases in Online Panels for Measuring Public Opinion." *Public Opinion Quarterly* 84(2), 446-468.

*Suggested Readings:*

- Castorena, Oscar, Mollie J. Cohen, Noam Lupu, and Elizabeth J. Zechmeister. 2023. "How Worried Should We Be? The Implications of Fabricated Survey Data for Political Science" *International Journal of Public Opinion Research* 35(2):edad007.
- Schuman, H. and Kalton, G. 1985. Survey methods. In G. Lindzey and E. Aronson (eds.), *Handbook of Social Psychology* (3<sup>rd</sup> Edition). New York: Random House. Pp. 660-678.

**Validity Focus: *Building Linkages Across Validity Types***

Week 13: Observational Designs- Statistically Modeling the Assignment Process (Nov. 21)

*Lecture Readings:*

- Imai, Kosuke, Luke J. Keele, Dustin Tingley, and Teppei Yamamoto. 2011. "Unpacking the Black Box of Causality: Learning about Causal Mechanisms from Experimental and Observational Studies" *American Political Science Review* 105(4):765-789.
- Rosenbaum, Paul R. 1999. Choice as an Alternative to Control in Observational Studies. *Statistical Science* 14:259-304.
- Achen, Christopher H. 2005. "Let's Put Garbage-Can Regressions and Garbage-Can Probits Where They Belong." *Conflict Management and Peace Science*, 22(4):327-339.

*Discussion Readings:*

- Cantú, Francisco. 2019. "The Fingerprints of Fraud: Evidence from Mexico's 1988 Presidential Election" *American Political Science Review* 113(3): 710-726.
- Dorff, Cassy, Grace Adcox, and Amanda Konet. 2023. "Data innovations on protests in the United States" *Journal of Peace Research* 60(1):172-189.
- Lowande, Kenneth, Melinda Ritchie and Erinn Lauterbach. 2019. "Descriptive and Substantive Representation in Congress: Evidence from 80,000 Congressional Inquiries," *American Journal of Political Science* 63(3): 644-659.
- Rosenstone, Steven J., and Raymond E. Wolfinger. 1978. The effect of registration laws on voter turnout. *American Political Science Review* 72(1):22-45.

*Suggested Readings:*

- Achen, Christopher. 2002. "Toward a New Political Methodology: Microfoundations and ART" *Annual Review of Political Science* 5(1):423-450.
- Cox. D. R., 1990. "Role of Models in Statistical Analysis" *Statistical Science* 5(2):169-174.
- Dancy, Geoff and Christopher J. Fariss. Forthcoming. "The Global Resonance of Human Rights: What Google Trends Can Tell Us." *American Political Science Review*.

- Hill, Daniel W., Jr. and Zachary M. Jones. 2014. "An Empirical Evaluation of Explanations for State Repression." *American Political Science Review* 108(3):661-687.
- Kish, Leslie. 1970. Some statistical problems in research design. In E. R. Tuftte (ed.), *The Quantitative Analysis of Social Problems*. Reading, MA: Addison-Wesley. Pp. 391-406.
- Markowitz, Jonathan, Suzie Mulesky, Benjamin A.T. Graham and Christopher J. Fariss "Productive Pacifists: The Rise of Production-Oriented States and Decline of Profit-Motivated Conquest" *International Studies Quarterly* 64(3):558-572.
- Rosenbaum, Paul R. 2010. *Design of Observational Studies*. New York-Springer.
- Schrod. Philip A. 2014. "Seven Deadly Sins of Quantitative Political Analysis." *Journal of Peace Research* 51(2):287-300.

#### **Assignment 4 Due Sunday, Nov. 26 (extension due to Thanksgiving): Controversies in Case Selection**

Week 14: The Comparative Method, Fieldwork, and Archival Analysis (Nov 28)

##### *Lecture Readings:*

- Seawright, Jason. 2018. "Beyond Mill: Why Cross-Case Qualitative Causal Inference Is Weak, and Why We Should Still Compare" *Qualitative and Multi-Method Research* 16(1):8-14.
- Seawright, Jason. 2016. "The Case for Selecting Cases That Are Deviant or Extreme on the Independent Variable." *Sociological Methods & Research* 45(3):493-525.
- Seawright, Jason. "What Can Multi-Method Research Add to Experiments?" Chapter. In *Advances in Experimental Political Science*, edited by James N. Druckman and Donald P. Green, 369-384. Cambridge: Cambridge University Press, 2021.

##### *Discussion Readings:*

- Davis, Justine M. "Manipulating Africa? Perspectives on the experimental method in the study of African politics." *African Affairs* 119.476 (2020): 452-467.
- González, Yanilda, and Lindsay Mayka. 2022. "Policing, Democratic Participation, and the Reproduction of Asymmetric Citizenship" *American Political Science Review*: 1-17.
- Hassan, Mai. 2023. "Coordinated Dis-Coordination" *American Political Science Review*. 1-15.
- Pavão, Nara. 2018. "Corruption as the Only Option: The Limits to Electoral Accountability" *Journal of Politics* 80(3): 996-1010.

##### *Suggested Readings:*

- Abadie, Alberto, Alexis Diamond and Jens Hainmueller. 2014. "Comparative Politics and the Synthetic Control Method" *American Journal of Political Science* 59(2):495-510.
- Biox, Carles, and Stokes, Susan (eds.). 2007. *The Oxford Handbook of Comparative Politics*. Oxford, UK: Oxford University Press.
- Jake Bowers, Maarten Voors, and Nahomi Ichino. 2023. "The Theory and Practice of Field Experiments: An Introduction from the EGAP Learning Days" [https://egap.github.io/theory\\_and\\_practice\\_of\\_field\\_experiments/](https://egap.github.io/theory_and_practice_of_field_experiments/).
- Capoccia, Giovanni, and R. Daniel Keleman. 2007. "The Study of Critical Junctures: Theory, Narrative, and Counterfactuals in Historical Institutionalism" *World Politics* 59(3): 341-369.
- Coe, Andrew J., and Jonathan N. Markowitz. "Crude Calculations: Productivity and the Profitability of Conquest" *International Organization* 75(4): 1058-1086.
- Davenport, Christian. 2005. "Understanding Covert Repressive Action: The Case of the U.S. Government against the Republic of New Africa" *Journal of Conflict Resolution* 49(1): 120-140.

- Driscoll, Jesse. 2021. *Doing Global Fieldwork: A Social Scientist's Guide to Mixed-Methods Research Far From Home*. Columbia University Press.
- Eck, Kristine and Christopher J. Fariss. 2018. "Ill Treatment and Torture in Sweden: A Critique of Cross Case Comparisons" *Human Rights Quarterly* 40(3):591-604.
- Fenno, Richard. 1977. "U.S. House Members in Their Constituencies: An Exploration." *American Political Science Review* 71(3):883-917.
- Fenno Jr., Richard F. 1986. "Observation, Context, and Sequence in the Study of Politics." *American Political Science Review* 80(1):3-15.
- Geertz, Clifford. 1973. Thick description: Toward an interpretative theory of culture. In Clifford Geertz (ed.), *The Interpretation of Cultures*. New York, New York: Basic Books. Pp. 3-30.
- Gerring, John. 2004. "What Is a Case Study and What Is It Good for?" *American Political Science Review* 98(2):341-354.
- Glynn, Adam N., and Nahomi Ichino. 2016. "Increasing Inferential Leverage in the Comparative Method: Placebo Tests in Small-n Research." *Sociological Methods and Research* 45(3): 598-629.
- Glynn, Adam N. and Nahomi Ichino. 2018. "Using Qualitative Information to Improve Causal Inference" *American Journal of Political Science* 59(4):1055-1071.
- Haggard, Stephan, and Robert R. Kaufman. 2012. "Inequality and Regime Change: Democratic Transitions and the Stability of Democratic Rule" *American Political Science Review* 107(3):
- Hillebrecht, Courtney and Scott Straus. 2017. "Who Pursues the Perpetrators?: State Cooperation with the ICC" *Human Rights Quarterly* 39(1):162-188.
- Howell, Martha and Walter Prevenier. 2001. *From Reliable Sources: An Introduction to Historical Methods*. Cornell University Press.
- Jackman, Robert W. 1985. Cross-national statistical research and the study of comparative politics. *American Journal of Political Science* 29:161-182.
- Jackman, Robert W. 1987. Political institutions and voter turnout in the industrial democracies. *American Political Science Review* 81:405-423.
- Lake, Milli. 2014. "Organizing Hypocrisy: Providing Legal Accountability for Human Rights Violations in Areas of Limited Statehood" *International Studies Quarterly* 58(3):515-526.
- Lijphart, Arend 1971. "Comparative Politics and the Comparative Method" *American Political Science Review* 65(3):682-693.
- Nielsen, Richard. 2016. "Case Selection via Matching." *Sociological Methods and Research* 45(3):569-597.
- Ragin, Charles C. 1987. *The Comparative Method*. Berkeley, CA: University of California Press.
- Sartori, Giovanni. 1991. "Comparing and Miscomparing." *Journal of Theoretical Politics* (3)3: 243-257.
- Seawright, Jason. 2016. *Multi-Method Social Science Combining Qualitative and Quantitative Tools* Cambridge University Press.
- Srivastava, Swati. 2022. "Navigating NGO-Government Relations in Human Rights: New Archival Evidence from Amnesty International, 1961-1986" *International Studies Quarterly*. 66(1):sqab009.
- Thies, Cameron. 2003. "A Pragmatic Guide to Qualitative Historical Analysis in the Study of International Relations" *International Studies Perspectives* 3(4):351-372.
- Stewart, Megan A. and Karin E. Kitchens. "Explaining Variation in Political Officeholding by Marginalized Groups: Evidence from Contraband Camps." Conditional Accept. *Journal of Politics*.
- Trachtenberg, Marc. 2009. *The Craft of International History: A Guide to Method*. Princeton University Press.
- Trouillot, Michel-Rolph. 1995. *Silencing the Past: Power and the Production of History*. Beacon Press.



- Van Mannan, John. 1988. *Tales of the Field*. Chicago: University of Chicago Press.
- Weller, Nicholas and Jeb Barnes. 2014. *Finding Pathways: Mixed-Method Research for Studying Causal Mechanisms*. Cambridge University Press.
- Trochim and Donnelly. Ch 5: “Qualitative and Unobtrusive Measures”.

*Suggested Podcasts:*

- Driscoll, Jesse and Christian Davenport. *Raiders Of The Lost Archive*. Podcasts available on several podcast platforms including Spotify, Amazon, Podbean, and iheart (there are currently 21 episodes that each last 30-60+ minutes; please select any or all).

**Validity Focus: Conclusion/Inferential Validity**

Week 15: Workshopping Grant Proposals (Dec. 5)

Week 16: Pizza Party with Workshopping (Evening session Dec. 12, 411 West Hall)

**Final Grant Proposal Due Friday, Dec. 15**

OUTRIGGER MATERIAL: Finding the Research Frontier: The Scientific Method Revisited

*Suggested Readings:*

- Bennett, Andrew and Bear F. Braumoeller. 2022. “Where the Model Frequently Meets the Road: Combining Statistical, Formal, and Case Study Methods” <https://arxiv.org/abs/2202.08062>.
- Bowers, Jake, Higgins, Nathaniel, Karlan, Dean, Tulman, Sarah, and Zinman, Jonathan. 2017. “Challenges to replication and iteration in field experiments: Evidence from two direct mail shots” *American Economic Review* 107(5):462-465.
- Carpenter, Charli. 2012. “‘You Talk Of Terrible Things So Matter-of-Factly in This Language of Science’: Constructing Human Rights in the Academy.” *Perspectives on Politics* 10(2): 363-383.
- Cirone, Alexandra and Arthur Spirling. 2021. “Turning History into Data: Data Collection, Measurement, and Inference in HPE” *Journal of Historical Political Economy* 1(1):127-154.
- Cronin-Furman, Kate, and Milli Lake. 2018. “Ethics Abroad: Fieldwork in Fragile and Violent Contexts.” *PS: Political Science & Politics* 51(3): 607-614.
- Davenport, Christian. 2021. “A Call for Integral Violence Studies” *ANNALS, AAPSS*, 694.
- Driscoll, Jesse. 2015. “Prison States & Games of Chicken” in S. Desposato, *Ethics and Experiments: Problems and Solutions for Social Scientists and Policy Professionals*, Taylor and Francis.
- Driscoll, Jesse and Caroline Schuster. 2018. “Spies Like Us” *Ethnography* 19(3):411-430.
- Eck, Kristine, and Dara Kay Cohen. 2021. “Time For a Change: The Ethics of Student-led Human Subjects Research on Political Violence.” *Third World Quarterly*. 42(4): 855-866.
- Fariss. “Five Validities and the Research Frontier” Handout.
- Lake, David A. 2013. Theory is dead, long live theory: The end of the Great Debates and the rise of eclecticism in International Relations. *European Journal of International Relations* 19(3):567-587.
- Przeworski, Adam, 'Is the Science of Comparative Politics Possible?', in Carles Boix, and Susan C. Stokes (eds), *The Oxford Handbook of Comparative Politics* (2009; online edn, Oxford Academic, 2 Sept. 2009), <https://doi.org/10.1093/oxfordhb/9780199566020.003.0006>
- Tanweer, A., Gade, E. K., Krafft, P. M., and Dreier, S. (2021). Why the Data Revolution Needs Qualitative Thinking. *Harvard Data Science Review*, 3(3). <https://doi.org/10.1162/99608f92.eee0b0da>.

- Yokum, David and Bowers, Jake. 2023. "Use Pre-Analysis Plans to Facilitate the Next Generation of Evidence." In: Next Generation Evidence. Ed. by Ron Haskins, Kelly Fitzsimmon, and Tamar Bauer. Brookings Institution Press. Available at SSRN: <https://ssrn.com/abstract=4307172> or <http://dx.doi.org/10.2139/ssrn.4307172>.
- Zinnes, Dina A. 1980. "Three Puzzles in Search of a Researcher: Presidential Address." *International Studies Quarterly* 24(3):315-342.

## **Additional Course Information**

### **Student Mental Health and Wellbeing**

The University of Michigan is committed to advancing the mental health and wellbeing of its students. If you or someone you know is feeling overwhelmed, depressed, and/or in need of support, services are available.

For help, contact Counseling and Psychological Services (CAPS) at (734) 764-8312 and <https://caps.umich.edu/> during and after hours, on weekends and holidays, or through its counselors physically located in schools on both North and Central Campus.

You may also consult University Health Service (UHS) at (734) 764-8320 and <https://www.uhs.umich.edu/mentalhealthsvcs>, or for alcohol or drug concerns, see [www.uhs.umich.edu/aodresources](http://www.uhs.umich.edu/aodresources).

For a listing of other mental health resources available on and off campus, visit: <http://umich.edu/mhealth/>.

### **Accommodations for Students with Disabilities**

If you think you need an accommodation for a disability, please let us know at your earliest convenience. Some aspects of this course, the assignments, the in-class activities, and the way the course is usually taught may be modified to facilitate your participation and progress. As soon as you make us aware of your needs, we can work with the Services for Students with Disabilities (SSD) office to help us determine appropriate academic accommodations. SSD (734-763-3000; <http://ssd.umich.edu>) typically recommends accommodations through a Verified Individualized Services and Accommodations (VISA) form. Any information you provide is private and confidential and will be treated as such.

### **Religious and Academic Conflicts**

Although the University of Michigan, as an institution, does not observe religious holidays, it has long been the University's policy that every reasonable effort should be made to help students avoid negative academic consequences when their religious obligations conflict with academic requirements. Absence from classes or examinations for religious reasons does not relieve students from responsibility for any part of the coursework required during the period of absence. Students who expect to miss classes, examinations, or other assignments as a consequence of their religious observance shall be provided with a reasonable alternative opportunity to complete such academic responsibilities.

It is the obligation of students to provide faculty with reasonable notice of the dates of religious holidays on which they will be absent. Such notice must be given by the drop/add deadline of the given term. Students who are absent on days of examinations or class assignments shall be offered an opportunity to make up the work, without penalty, unless it can be demonstrated that a make-up opportunity would interfere unreasonably with the delivery of the course. Should disagreement arise over any aspect of this policy, the parties involved should contact the Director of Undergraduate Studies/Director of Graduate Studies. Final appeals will be resolved by the Provost.

### **Students Representing the University of Michigan**

There may be instances when students must miss class due to their commitment to officially represent the University. These students may be involved in the performing arts, scientific or artistic endeavors, or intercollegiate athletics. Absence from classes while representing the University does not relieve students from responsibility for any part of the course missed during the period of absence. Students should provide reasonable notice for dates of anticipated absences and submit an individualized class excuse form.

### **Academic Integrity**

The LSA academic community, like all communities, functions best when its members treat one another with honesty, fairness, respect, and trust. The College holds all members of its community to high standards of scholarship and integrity. To accomplish its mission of providing an optimal educational environment and developing leaders of society, the College promotes the assumption of personal responsibility and integrity and prohibits all forms of academic dishonesty and misconduct. Academic dishonesty may be understood as any action or attempted action that may result in creating an unfair academic advantage for oneself or an unfair academic advantage or disadvantage for any other member or members of the academic community. Conduct, without regard to motive, that violates the academic integrity and ethical standards of the College community cannot be tolerated. The College seeks vigorously to achieve compliance with its community standards of academic integrity. Violations of the standards will not be tolerated and will result in serious consequences and disciplinary action.

### **Grade Grievances**

If you believe a grade you have received is unfair or in error, you will need to do the following: Wait 24 hours after receiving the grade before approaching your instructor. Provide an explanation in writing for why the grade you received was unfair or in error. If you believe the instructor's response fails to address your claim of unfairness or error, you may petition the department's Director of Undergraduate Studies at the latest within the first five weeks of classes following the completion of the course. You must convey in writing the basis for the complaint, with specific evidence in support of the argument that the grade either was given in error or was unfairly determined. This formal complaint also should summarize the outcome of the initial inquiry to the course instructor, indicating which aspects are in dispute. Within three weeks of the receipt of the petition, the DUS will determine whether to convene the Undergraduate Affairs Committee, the student, and the instructor(s) for a formal hearing. Further details on this process are included on the department website under Advising > Contesting a Grade.

### **Resources for Harassment**

Title IX makes it clear that violence and harassment based on sex and gender, including violence and harassment based on sexual orientation, are a Civil Rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, etc. If you or someone you know has been harassed or assaulted, you can find the appropriate resources here: [www.bw.edu/resources/hr/harass/policy.pdf](http://www.bw.edu/resources/hr/harass/policy.pdf). For information about help and resources at University of Michigan please contact the Sexual Assault Prevention and Awareness Center (SAPAC) <https://sapac.umich.edu/SupportServices>; 734-764-7771; or [sapac@umich.edu](mailto:sapac@umich.edu). For information about filing a report or complaint with the Title IX office at the University of Michigan see <https://sexualmisconduct.umich.edu/reporting-process/reporting-to-the-university/>. Please note that Title IX offices often distinguish between making a "report," which does not launch an investigation, and filing a "complaint," which does.

## Language and Gender

“Language is gender-inclusive and non-sexist when we use words that affirm and respect how people describe, express, and experience their gender. Just as sexist language excludes women’s experiences, non-gender-inclusive language excludes the experiences of individuals whose identities may not fit the gender binary, and/or who may not identify with the sex they were assigned at birth. Identities including trans, intersex, and genderqueer reflect personal descriptions, expressions, and experiences. Gender-inclusive/non-sexist language acknowledges people of any gender (for example, first year student versus freshman, chair versus chairman, humankind versus mankind, etc.). It also affirms non-binary gender identifications, and recognizes the difference between biological sex and gender expression. Teachers and students should use gender-inclusive words and language whenever possible in the classroom and in writing. *Students, faculty, and staff may share their preferred pronouns and names, either to the class or privately to the professor, and these gender identities and gender expressions should be honored.*” For more information: [www.wstudies.pitt.edu/faculty/gender-inclusivenon-sexist-language-syllabi-statement](http://www.wstudies.pitt.edu/faculty/gender-inclusivenon-sexist-language-syllabi-statement).