

Course: Institutional Grammar Coding Foundations & Applications
 Instructors: Seth Frey, Christopher Frantz,
 Saba Siddiki, Ute Brady
 University: U.C. Davis, Norwegian University of Science and Technology;
 Syracuse University
 Meeting time: Tuesdays, 8-9 a.m. Pacific | 11 a.m.-12 p.m. Eastern
 Meeting place: [Zoom](#) | Meeting ID: 940 0557 8001 | Passcode: 854382

Class session ¹	Topic	Reading assignments	Live training	Homework
Nov. 3	Intro to text analytics & IG	Readings: <ul style="list-style-type: none"> • Columbia Public Health (2020) “Content Analysis” https://www.publichealth.columbia.edu/research/population-health-methods/content-analysis • Siddiki et al (2019) “Institutional Analysis with the Institutional Grammar” • Siddiki & Frantz (in review) “Institutional Grammar 2.0: A Refined Specification for Encoding and Analyzing Institutional Design” Optional: <ul style="list-style-type: none"> • Benoit (2019) “Text as data” • Frantz et al. (2013) “nADICO: A Nested Grammar of Institutions” 	Intro to text analytics & IG 2.0 (Dr. Saba Siddiki & Dr. Christopher Frantz)	--
Nov. 10	Intro to IG 2.0 coding	Review the IG 2.0 coding guide (pp. 1-70)	Coding in Excel	Code 15 sample regulatory statements in Excel
Nov. 17	Intro to IG 2.0	Readings: <ul style="list-style-type: none"> • O’Connor and Joffe (2020) “Intercoder Reliability in Qualitative Research: Debates and Practical Guidelines” 	Reflection/follow up on Excel coding. Intro to coding in Inception	Code 15 sample regulatory statements in Inception or Excel
Nov. 24	Intro to constitutive rules	Review the IG 2.0 coding guide (pp. 71-end)	Reflection/follow up on coding and overview of constitutive rules	Code 15 statements (mix of regulatory

¹ Dates may vary depending on progress made.

		Readings: <ul style="list-style-type: none"> Siddiki & Frantz (in review) “Institutional Grammar 2.0: A Refined Specification for Encoding and Analyzing Institutional Design” - (section on constitutive statements) 		and constitutive) in Inception or Excel
Dec. 1	Recap and reflection	Readings: <ul style="list-style-type: none"> Crawford and Ostrom (1995) “A grammar of institutions” Ostrom (2011) “Background on the Institutional Analysis and Development Framework” 	Introduction to the Institutional Analysis and Development Framework Recap and reflection of materials covered	Code an action situation
Dec. 8	Skills-based assessment	--	Assess intercoder reliability What do the rules tell us about the action situation	--
Dec. 15	Feedback	--	Share what you learned with your professor	--

If you have an interest in applying the institutional grammar, here are more suggested readings:

Basurto, Xavier, Gordon Kingsley, Kelly McQueen, Mshadoni Smith, and Christopher M. Weible. 2010. “A Systematic Approach to Institutional Analysis: Applying Crawford and Ostrom’s Grammar.” *Political Research Quarterly* 63(3): 523-53.
DOI: <https://doi.org/10.1177/1065912909334430>

Carter, David P., Christopher M. Weible, Saba N. Siddiki, John Brett, and Sara Miller Chonaiew. 2015. “Assessing Policy Divergence: How to Investigate the Difference Between a Law and a Corresponding Regulation.” *Public Administration* 93(1): 159-176.
DOI: <https://doi.org/10.1111/padm.12120>

Carter, David P., Christopher M. Weible, Saba N. Siddiki, and Xavier Basurto. 2016. “Integrating Core Concepts from the Institutional Analysis and Development Framework for the Systematic Analysis of Policy Designs: An Illustration from the U.S. National Organic Farming Regulation.” *Journal of Theoretical Politics* 28 (1): 159-185.
DOI: <https://doi.org/10.1177/0951629815603494>

Clement, Sarah, Susan A. Moore, and Michael Lockwood. 2015. “Authority, Responsibility, and Process in Australian Biodiversity Policy.” *Environmental and Planning Law Journal* 32(2): 93-114.

Crawford, Sue E.S. and Elinor Ostrom. 1995. “A Grammar of Institutions.” *American Political Science Review* 89(3): 582-600.
DOI: <https://doi.org/10.2307/2082975>

- Dunlop, Claire A., Jonathan C. Kamkhaji, and Claudio M. Radaelli. 2019. "A Sleeping Giant Awakes? The Rise of the Institutional Grammar Tool (IGT) in Policy Research." *Journal of Chinese Governance*. DOI: <https://doi.org/10.1080/23812346.2019.1575502>
- Feiock, Richard C., Christopher M. Weible, David P. Carter, Cali Curley, Aaron DeSlatte, and Tanya Heikkila. 2014. "Capturing Structural and Functional Diversity Through Institutional Analysis." *Urban Affairs Review* 52(1): 129-150. DOI: <https://doi.org/10.1177/1078087414555999>
- Frantz, Christopher K., Martin K. Purvis, Bastin Tony Roy Savarimuthu, and Mariusz Nowostawski. 2015. "Modeling Dynamic Normative Understanding in Agent Societies." *Scalable Computing: Practice and Experience* 16(4): 355-378. DOI: <https://doi.org/10.12694/scpe.v16i4.1128>
- Ghorbani, Amineh, and Giangiacomo Bravo. 2016. "Managing the Commons: A Simple Model of the Emergence of Institutions through Collective Action." *International Journal of the Commons* 10(1): 200-219. DOI: <http://doi.org/10.18352/ijc.606>
- Ghorbani, Amineh, Giangiacomo Bravo, Ulrich Frey, and Insa Theesfeld. 2017. "Self-Organization in the Commons: An Empirically Tested Model." *Environmental Modelling and Software* 96: 30-45. DOI: <https://doi.org/10.1016/j.envsoft.2017.06.039>
- Heikkila, T. and Weible, C.M., 2018. A semiautomated approach to analyzing polycentricity. *Environmental Policy and Governance*, 28(4), pp.308-318. DOI: <https://doi.org/10.1002/eet.1817>
- Lien, Aaron M., Edella Schlager, Ashly Lona. 2018. "Using Institutional Grammar to Improve Understanding of the Form and Function of Payment for Ecosystem Services Programs" *Ecosystem Services* 31, Part A: 21-31. DOI: <https://doi.org/10.1016/j.ecoser.2018.03.011>
- Novo, Paula, and Garrido, Alberto. 2014. "From Policy Design to Implementation: An Institutional Analysis of the New Nicaraguan Water Law" *Water Policy* 17(1): 105-126.
- Roditis, Maria L., Donna Wang, Stanton Glantz, and Amanda Fallin. 2015. "Evaluating California Campus Tobacco Policies Using the American College Health Association Guidelines and the Institutional Grammar Tool." *Journal of American College Health* 63(1): 57-67. DOI: [10.1080/07448481.2014.963108](https://doi.org/10.1080/07448481.2014.963108)
- Schlüter, Achim, and Insa Theesfeld. 2010. The Grammar of Institutions: The Challenge of Distinguishing Between Strategies, Norms, and Rules. *Rationality and Society* 22 (4):445-475. DOI: <https://doi.org/10.1177/1043463110377299>
- Siddiki, Saba, Tanya Heikkila, Christopher M. Weible, Raul Pacheco-Vega, David Carter, Cali Curley, Aaron Deslatte, Abby Bennett. 2019. "Institutional Analysis with the Institutional Grammar." *Policy Studies Journal*. DOI: <https://doi.org/10.1111/psj.12361>
- Siddiki, Saba. 2014. "Assessing Policy Design and Interpretation: An Institutions-Based Analysis in the Context of Aquaculture in Florida and Virginia, United States." *Review of Policy Research* 31 (4): 281-303. DOI: <https://doi.org/10.1111/ropr.12075>

- Siddiki, Saba, Christopher M. Weible, Xavier Basurto, and John Calanni. 2011. "Dissecting Policy Designs: An Application of the Institutional Grammar Tool." *Policy Studies Journal* 39(1): 79-103. DOI: <https://doi.org/10.1111/j.1541-0072.2010.00397.x>
- Siddiki, Saba, and Suzann Lupton. 2016. "Assessing Nonprofit Rule Interpretation and Compliance." *Nonprofit and Voluntary Sector Quarterly* 45(4S): 156S-174S. DOI: <https://doi.org/10.1177/0899764016643608>
- Siddiki, Saba, Xavier Basurto, Christopher M. Weible. 2012. "Using the Institutional Grammar Tool to Understand Regulatory Compliance: The Case of Colorado Aquaculture." *Regulation & Governance* 6 (2): 167-188. DOI: <https://doi.org/10.1111/j.1748-5991.2012.01132.x>
- Smajgl, Alex, Luis R. Izquierdo, and Marco Huigen. 2008 "Modeling Endogenous Rule Exchanges in an Institutional Context: The Adico Sequence." *Advances in Complex Systems* 11(2): 199-215. DOI: <https://doi.org/10.1142/S021952590800157X>
- Watkins, Cristy, and Lynn M. Westphal. 2015. "People Don't Talk in Institutional Statements: A Methodological Case Study of the Institutional Analysis and Development Framework" *Policy Studies Journal* 44: 98S-122S. DOI: <https://doi.org/10.1111/psj.12139>
- Watkins, Cristy, Lynne M. Westphal, Paul H. Gobster, Joanna Vining, and Alaka Wali et al. 2015. "Shared Principles of Restoration Practice in the Chicago Wilderness Region." *Human Ecology* 21(1): 155-177.
- Weible, Christopher M., and David P. Carter. 2015. "The Composition of Policy Change: Colorado's 1977 and 2006 Smoking Bans" *Policy Sciences* 48(2): 207-231. DOI: [10.1007/s11077-015-9217-x](https://doi.org/10.1007/s11077-015-9217-x)
- Garcia, M., Koebele, E., Deslatte, A., Ernst, K., Manago, K., Treuer, G. (2019). Towards Urban Water Sustainability: Analyzing Management Transitions in Miami, Las Vegas, and Los Angeles. *Global Environmental Change*, 58, 1–24. <https://doi.org/10.1016/J.GLOENVCHA.2019.101967>