

Postdoctoral Research Fellow  
Department of Sociology  
Indiana University Bloomington.

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## RESEARCH INTERESTS

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Cultural Sociology; Sociology of Health; Social Behavior; Social Movements and Collective Action; Economic Sociology; Social Networks; Computational Social Science; Quantitative Methods.

## ACADEMIC POSITIONS

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**Department of Sociology**  
**Indiana University**  
August 2019 – present

Postdoctoral Research Fellow of Sociology and Computational  
Social Science

## EDUCATION

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<b>PhD</b>	University of Arizona (Tucson, AZ) School of Sociology Dissertation: “Online Communities as Cultural Fields” Committee: Ronald Breiger (Chair), Erin Leahey, Charles Seguin	May 2019
<b>MA</b>	University of Arizona (Tucson, AZ) School of Sociology Thesis: “Repression and Mobilization Dynamics of Gezi Movement” Committee: Jennifer Earl (Chair), Ronald Breiger, Brian Mayer	May 2014
<b>MA</b>	Boğaziçi University (Istanbul, Turkey) Economics Graduated with High Honor Thesis: “A Theoretical and Empirical Analysis of Shopping Mall Formation in Istanbul, Turkey” Committee: Fikret Adaman (Chair), Ayşe Mumcu, Yahya Mete Madra	July 2012
<b>BA</b>	Boğaziçi University (Istanbul, Turkey) Economics Graduated with Honor	June 2010

***Peer Reviewed Journal Paper Publications***

- Didem Türkoğlu, and **Meltem Odabaş** (2020) “ ‘Mischievous Uncles’ as Rule Breakers: Intersectional stereotypes and risk perceptions during the coronavirus pandemic in Turkey” *Social Media + Society*.
- Brea Perry L., Kai-Cheng Yang, Patrick Kaminski, **Meltem Odabaş**, Jaehyuk Park, Michelle Martel, Carrie B. Oser Patricia R. Freeman Yong-Yeol Ahn Jeffery Talbert (2019). Co-prescription network reveals social dynamics of opioid doctor shopping. *PloS one*, 14(10).
- Meltem Odabaş**, Thomas J. Holt, and Ronald L. Breiger (2017). “Markets as Governance Environments for Organizations at the Edge of Illegality: Insights from Social Network Analysis”, *American Behavioral Scientist*, 61(11), 1267-1288
- Meltem Odabaş** and Heidi Reynolds-Stenson (2017). “Tweeting from Gezi Park: Social Media and Repression Backfire”, *Social Currents*, 5(4), 386-406.
- Meltem Odabaş** and Fikret Adaman (2014). “Engaging with Social Networks: The Bourdieu-Becker Encounter Revisited”, *Forum for Social Economics*, 47(3-4), 305-321

***Submitted / Under Review Journal Papers***

- Meltem Odabaş**, and Fabio Rojas. “When People Say COVID on Twitter, What Else Do They Say? An Empirical Study of How People Frame the COVID Epidemic in English, Spanish and Turkish Language Social Media”
- Meltem Odabaş\***, Brea Perry\*, Kai-Cheng Yang, Byungkyu Lee, Patrick Kaminski, Brian Aronson, Yong-Yeol Ahn, Carrie B. Oser, Patricia R. Freeman, and Jeffrey C. Talbert. “New means, new measures: Assessing prescription drug seeking indicators over ten years of the opioid epidemic”
- Brian Aronson, Kai-Cheng Yang, **Meltem Odabaş**, Yong-Yeol Ahn, Brea Perry. Comparing measures of centrality in bipartite social networks: A study of drug seeking for opioid analgesics. Preprint access: <https://osf.io/preprints/socarxiv/hazvs/>
- Meltem Odabaş\***, Didem Türkoğlu\*, Mustafa Yavaş, and Doruk Tunaoglu. “Competing Understandings of Democracy in Contemporary Turkey”

***Book Chapters***

- Meltem Odabaş**, Thomas J. Holt, and Ronald L. Breiger (2017), “Governance in Online Illicit Stolen Data Markets” in Jens Beckert and Matias Dewey (eds.), *The Architecture of Illegal Markets*, Oxford University Press.
- Meltem Odabaş** (2016) “Shopping Mall, Economics of”, *SAGE Encyclopedia of Economics and Society*.
- Fikret Adaman and **Meltem Odabaş** (2014) “Furthering the Link between Social Capital and Corruption” In John Davis and Asimina Christoforou (eds.) *Social Capital and Economics: Social Values, Power, and Social Identity*, London: Routledge.

## RESEARCH EXPERIENCE

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### Indiana University

2019-present

#### Postdoctoral Researcher.

Working in multiple projects to analyze opioid prescription seeking behavior in the United States as well as the impact of Coronavirus pandemic on medicated treatment access.

*PIs: Brea Perry, Yong-Yeol (YY) Ahn, Hank Green.*

- Analyzed large health claims datasets
- Utilized Amazon Web Services and IU Supercomputing Services for data analysis.
- Applied social network analysis and machine learning methods
- Used R for quantitative analysis of large-scale datasets

### Doctoral Dissertation Research

#### University of Arizona

2017-2019

The project includes analyzing comment data of more than 750K users participated in music subreddits on Reddit, an online information sharing and communication platform.

*Advisor: Ronald L. Breiger*

- Analyzed large scale online communication data
- Utilized UA High Performance Computing (HPC) Services
- Applied social network analysis methods
- Used R and Python for quantitative analysis

### NSF Project on Cybersecurity

#### University of Arizona<sup>1</sup> and Michigan State University<sup>2</sup>

2013-2015

#### Research Assistant.

“Securing Cyber Space: Understanding Cyber Attackers and Attacks via Social Media Analytics” (#1314631)

*PIs: Hsinchun Chen<sup>1</sup> (lead PI), Salim Hariri<sup>1</sup>, Tom Holt<sup>2</sup>, Ronald Breiger<sup>1</sup>.*

- Analyzed dark web market dataset
- Applied social network analysis and other statistical methods
- Used R quantitative analysis

## TEACHING EXPERIENCE

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I have ten years of teaching experience and was awarded the Bunis Graduate Student Teaching Instructor Award in 2018 by the School of Sociology at the University of Arizona.

### Teaching

#### University of Arizona

Social Networks (Undergraduate)

Social Movements and Activism (Undergraduate)

Sociology of Education (Undergraduate)

### Teaching Assistantship

#### University of Arizona

Sociology of Happiness (Undergraduate)

Sources of Sociological Theory (Undergraduate)

Urban Sociology (Undergraduate)

**Teaching Assistantship  
Boğaziçi University**

Microeconomics II (Game Theory) (Graduate)  
Microeconomics I (Graduate)  
Advanced Microeconomics (Undergraduate)  
Microeconomics I (Undergraduate)  
Macroeconomics I (Undergraduate)

**PRESENTATIONS AND INVITED LECTURES** (\* = invited talks)

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- “Competing Understandings of Democracy in Contemporary Turkey” (accepted) Virtual Middle Eastern Studies Association Annual Conference, October 2020.
- “Competing Understandings of Democracy in Contemporary Turkey” (accepted) Virtual American Sociological Association Annual Conference, August 2020.
- “New means, new measures: Assessing prescription drug seeking indicators over ten years of the opioid epidemic” (accepted) Virtual American Sociological Association Annual Conference, August 2020.
- “New means, new measures: Assessing prescription drug seeking indicators over ten years of the opioid epidemic” Virtual Sunbelt Conference, July 2020.
- \*“Fit In and Stand Out: How Diversity in Taste Impacts Evaluation in Online Discussions.” University of Washington, Biodiversity Institute at The University of Virginia. March 2020.
- \*“Fit In and Stand Out: How Diversity in Taste Impacts Evaluation in Online Discussions.” University of Washington, Arizona State University. February 2020.
- \*“Fit In and Stand Out: How Diversity in Taste Impacts Evaluation in Online Discussions.” George Mason University, November 2019.
- \*“Fit In and Stand Out: How Diversity in Taste Impacts Evaluation in Online Discussions.” University of Washington, November 2019.
- “Fit In and Stand Out: How Diversity in Taste Impacts Evaluation in Online Discussions.” American Sociological Association Annual Conference, New York, August 2019.
- “Sentiment Analysis in Python”, Methods of Computational Politics, University of Arizona, April 2019.
- “Does Bridging Cultural Holes Bring Reputation in Online Communities? An Analysis of Music Communities on Reddit” American Sociological Association Annual Conference, Philadelphia, August 2018.
- “Does Bridging Cultural Holes Bring Reputation in Online Communities? An Analysis of Music Communities on Reddit” Sunbelt Conference 2018, Utrecht, June-July 2018.
- “Tweeting from Gezi Park: Social Media and Repression Backfire” (with Heidi Reynolds-Stenson), Middle Eastern Studies Association Annual Conference, Boston, November 2016.
- “Markets as Governance Environments for Organizations at the Edge of Illegality: Insights from Social Network Analysis” (with Ronald Breiger), American Sociological Association Annual Conference, Seattle, August 2016.
- “Tweeting from Gezi Park: Social Media and Repression Backfire” (with Heidi Reynolds-Stenson), American Sociological Association Annual Conference, Seattle, August 2016.
- “Tweeting from Gezi Park: Social Media and Repression Backfire”, Southwest Graduate Conference in Middle Eastern North African Studies, Tucson, April 2016.

“Toward an Economic Sociology of Online Hacker Social Communities”, (with Ronald L. Breiger and Thomas J. Holt) American Sociological Association Annual Conference, Chicago, August 2015.

“Toward an Economic Sociology of Online Hacker Social Communities”, Society for the Advancement of Socio-Economics Annual Conference, London, July 2015.

## HONORS AND AWARDS

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**American Sociological Association Cultural Sociology Section** 2019  
Graduate Student Travel Award, awarded for the submitted paper “Fit In and Stand Out: How Diversity in Taste Impacts Evaluation in Online Discussions.”

**University of Arizona, School of Sociology** 2018  
Bunis Graduate Student Teaching Award

**University of Arizona** 2012-13 and 2018-19  
Graduate Student Fellowship

**TUBITAK (The Scientific and Technological Research Council of Turkey)** 2010-2012  
BIDEB Scholarship (for Graduate Students).

**TUBITAK (The Scientific and Technological Research Council of Turkey)** 2010-2012  
BIDEB Scholarship (for Undergraduate Students who ranked at the top %0.1 in the Central University Entrance Exam, ÖSS).

## PROFESSIONAL SERVICE

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**Peer-Reviewed Articles for:** Socio-economic Review; Mobilization; Social Currents;  
Social Science Research; International Journal of Comparative  
Sociology; Review of Social Economy

**University of Arizona** **Computational Social Science Workshop 2019**, Volunteer Organizer

**School of Sociology, University of Arizona** **International (Graduate) Student Committee**, Member  
**Graduate Program Recruitment Weekend**, Organizer  
**Graduate Student Committee**, Member

## LANGUAGES

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Turkish (native); English (fluent), Arabic (beginner).

## COMPUTER SKILLS

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**Programming/Programs:** R, Python, Stata

**Platforms:** Amazon Web Services (AWS), High Performance Computing (HPC) Services.

## REFERENCES

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Available upon request.