

BERTAN TURHAN

Department of Economics, Iowa State University
479 Heady Hall, Ames, IA, 50011, USA
E-mail: bertan@iastate.edu
Web: <https://sites.google.com/site/bertanturhan/>

EMPLOYMENT	Department of Economics, Iowa State University	
	<i>Associate Professor (with tenure)</i>	July 2023 - Present
	<i>Assistant Professor</i>	August 2019 - June 2023
	Tepper School of Business, Carnegie Mellon University	
	<i>Visiting Assistant Professor</i>	August 2018 - May, 2019
	CIE, ITAM	
	<i>Assistant Professor</i>	August 2015 - July 2019
EDUCATION	Ph.D. Economics, Boston College	2015
	M.A. Economics, Boston College	2011
	M.A. Economics, Sabanci University	2009
	B.Sc. Industrial Engineering, Sabanci University	2005
	Minor Mathematics, Sabanci University	2005

PUBLICATIONS	1. Priority Design for Engineering Colleges in India (w/ O. Aygün) Indian Economic Review , 2023, 58: 5-15.	
	2. Assignment Maximization (w/ O. Afacan and I. Bó). Journal of Public Economic Theory , 2023, 25 (1): 123-138.	
	3. How to De-reserve Reserves: Admissions to Technical Colleges in India (w/ O. Aygün). Management Science , 2022, 69 (10):6147-6164	
	4. Extended abstract: How to De-reserve Reserves: Admissions to Technical Colleges in India(w/ O. Aygün). Proceedings of the 23rd ACM Conference on Economics and Computation (EC'22) , 2022, 956-957.	
	5. Parallel Markets in School Choice (w/ O. Afacan, P. Evdokimov, R. Hakimov). Games and Economic Behavior , 2022, 133: 181-201.	

6. Slot-specific Priorities with Capacity Transfers (w/ M. Avataneo).
Games and Economic Behavior, 2021, 129, 536-548.
7. Dynamic Reserves in Matching Markets (w/ O. Aygün).
Journal of Economic Theory, 2020, 188, 105069.
8. Welfare and Incentives in Partitioned School Choice Markets.
Games and Economic Behavior, 2019, 113, 199-208.
9. Large Scale Affirmative Action in School Choice: Admissions to IITs in India (w/ O. Aygün). **American Economic Review P&P**, 2017, 107 (5), 210-213.
10. Two School Systems, One District: What to do when a unified admissions process is impossible (w/ V. Manjunath).
Games and Economic Behavior, 2016, 95, 25-40.
11. On Relationships Between Substitutes Conditions (w/ O. Afacan).
Economics Letters, 2015, 126, 10-12.

WORKING PAPERS

12. Inconsistency of Score-elevated Reserve Policy (w/ O. Aygün).
13. Affirmative Action in India via Vertical, Horizontal, and Overlapping Reservations: Comment(w/ O. Aygün).
14. Affirmative Action in India: Restricted Preferences, Complex Constraints, and Direct Mechanism Design (w/ O. Aygün).
15. Sequential Matching with Affirmative Action (w/ Kriti Manocha)
16. Affirmative Action in India via Forward and Backward Transfers (w/ O. Aygün).

POLICY WRITINGS

1. Challenges of Executing EWS Reservations Efficiently (w/ O. Aygün and B. Yenmez) **Ideas for India (I4I)**.
2. Improving Admissions to Technical Colleges in India (w/ O. Aygün and B. Yenmez) **Ideas for India (I4I)**.

TEACHING

Iowa State University

Math Camp (PhD)	Summer'20/21/22
Microeconomic Analysis I/II (Ph.D.)	Fall'19, Spring'20/22/23
Game Theory (Ph.D.)	Fall'20
Quantitative Methods in Economic Analysis (MA)	Fall'20/21/23
Intermediate Microeconomics (Undergraduate)	Fall'22/23

Carnegie Mellon University

Microeconomics I (Ph.D.)

Fall' 18

Mathematics for Economists (Ph.D.)

Fall' 18

Behavioral Economics (Undergraduate)

Spring' 19

ITAM

Intermediate Microeconomics (Undergraduate)

Fall' 15/16/17

Advanced Microeconomics Theory (Undergraduate)

Spring' 16/17/18

UNIVERSITY SERVICE

- Faculty Recruitment Committee 2022-23 (ISU)
- Graduate Admissions and Recruiting Committee member (ISU) (2019-Present)
- Microeconomics Ph.D. Qualifying Exam Committee Member (ISU) (2019-Present)
- Undergraduate Recruiting Committee member (ISU) (2022-2023)
- Elected Member of Economics Council 2021-23 (ISU)
- Staff Planning Committee member (ISU) (2023-Present)

ACADEMIC SERVICES

Program Committee Member of

- *ACM 2023 Conference on Economics and Computation (EC'23)*
- *Web and Internet Economics 2023 (WINE'23)*

Reviewer for

- *National Science Foundation (USA) 2021, 2023*
- *Social Sciences and Humanities Research Council of Canada*
- *United State-Israel Binational Science Foundation*
- *Leibniz Association (Germany)*
- *Mathematical Reviews (American Mathematical Society)*

Referee for AEJ: Microeconomics, Economic Theory, Games and Economic Behavior, International Economic Review, International Journal of Game Theory, Journal of Economic Theory, JPE Microeconomics, Management Science, Mathematics of Operations Research, Mathematical Social Sciences, Operations Research, Quarterly Journal of Economics, Review of Economic Design, Social Choice and Welfare, Theoretical Economics.

Member of The Econometric Society, American Economic Association, Game Theory Society, Royal Economic Society.

CONFERENCE ORGANIZATION

1. *ISU Market Design Conference (Ames, IA) 22-24 September 2022.*
2. *Workshop on Matching and Market Design at University of Chile (Santiago, Chile) December 2016 w/ M. Triossi.*
3. *Workshop on Matching Theory at ITAM (Mexico City, Mexico) January 2016 w/ D. Dominguez.*

**HONORS
FELLOWSHIPS
AWARDS**

1. *The Donald J. White Teaching Excellence Award, Boston College* 2013-14
2. *Paula J. and Daniel J Greeley '76 scholarship, Boston College* 2011
3. *Opportunity Grant, The Fulbright Commission,* 2009-10
4. *83rd rank in the general university entrance exam
(among over 1.5 million applicants)* 2000

GRANTS

Sistema Nacional de Investigacion, CONACYT, Mexico 2017-19.

**INVITED
TALKS**

2023: *Society of Advancement of Economic Theory 2023, University of Bristol, University of Glasgow, Queen's University Belfast*
2022: *Algorithms, Law, and Policy Working Group (MD4SG), Queen's University Belfast Easter Matching Workshop*
2021: *CARE-Colloquium University of Kansas; Indian Statistical Institute Delhi; 17th Matching in Practice Workshop*
2020: *ISU Industrial Engineering*
2019: *Iowa State University; Emory University; York University*
2018: *University of Pittsburgh; Carnegie Mellon University*
2017: *Georgia Institute of Technology; Emory University*
2016: *University of Chile; CIDE (Mexico); COLMEX (Mexico)*
2015: *University of St. Andrews, ITAM, Istanbul Technical University*

**CONFERENCE
PRESENTATIONS**

2024: *North American Meeting of the Econometric Society (San Antonio, USA), Asia Meeting of the Econometric Society, South/Central/West (Delhi, India).*

2023: *Algorithms, Approximation, and Learning in Market and Mechanism Design (SLMath, UC Berkeley), Econometric Society Delhi Winter School.*

2022: *The 23rd ACM Conference on Economics and Computations (EC'22), 2022 Conference on Mechanism and Institution Design, Australian Meeting of the Econometric Society, Asian Meeting of the Econometric Society in East and South-East Asia, Asian Meeting of Econometric Society in China.*

2021: *Winter School of the Econometric Society at Delhi School of Economics, European Winter Meetings of the Econometric Society, ACM Conference on Equity and Access in Algorithms, Mechanisms, and Optimization; Latin American Meeting of Econometric Society; World Congress of the Game Theory Society.*

2019: *CEE 2019 Annual Conference (Bogazici University, Istanbul, Turkey); SEA 89th Annual Meeting (Fort Lauderdale, USA).*

2017: *MATCHUP Microsoft Research (Boston, USA); AEA Meeting (Chicago, USA).*

2016: GAMES 2016, Maastricht, Netherlands; The 13th Meeting of the Social choice and Welfare, Lund University, Sweden; Matching Markets: Combining Theory and Applications, WZB, Berlin Germany.

2015: 9th Conference on Economic Design (Istanbul).

2014: 12th International Meeting of the Society for Social Choice and Welfare (Boston), Colloque CIREQ Montreal, Sabanci University, Bilgi University.

2013: 8th Conference on Economic Design, Lund Sweden; 4th World Congress of the Game Theory Society, Istanbul Turkey.

**THESIS
ADVISEES**

M= Main Advisor; CM=Committee Member; LW=Letter Writer

1. Michelle Avataneo (ITAM) - Kellogg School of Business, Northwestern University, Ph.D. candidate (M)
2. Ilan Morgenstern (ITAM) - Stanford Graduate School of Business, Ph.D. Candidate (CM)
3. Atefeh Rajabalizadeh (Industrial Engineering, ISU) - Graduated. Fields: Integer Programming (CM). Senior AI Scientist at Target.
4. Javed Hossain (Econ, ISU) - Graduated. Fields: International Economics (CM). Assistant Prof in North South University, Bangladesh
5. Seongyeob Kim (Econ, ISU) - In progress. Fields: IO (M)
6. Chaoya Feng (Econ, ISU) - In progress. Fields: Microeconomic Theory (CM)
7. Hyunwoo Jeong (Econ, ISU) - In Progress. Fields: Public, Labor, and Health (CM)
8. Rwit Chakraworty (Econ, ISU) - In progress. Fields: Agriculture Economics (CM)
9. Haeun Jo (Econ, ISU) - In progress. Fields: Agriculture Economics (CM)
10. Kriti Manocha (Econ, ISI Delhi) - Completed. Fields: Market Design, Behavioral Economics (LW)