

Sumit Goel

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Employment

Postdoctoral Associate, Division of Social Science, New York University Abu Dhabi 2023-Present

Education

PhD in Social Science (with minor in Computer Science), California Institute of Technology 2017-23
Advisor: Federico Echenique
MS in Quantitative Economics, Indian Statistical Institute (Delhi) 2015-17
BTech in Computer Science, Delhi Technological University 2011-15

Fields

Primary: Microeconomic Theory, Game Theory, Economics & Computation
Secondary: Experimental Economics

Research

Working papers

1. The effect of competition in contests: A unifying approach (with Andrzej Baranski),
Job Market Paper.
2. Swap bounded envy (with Federico Echenique and SangMok Lee).
3. Feedback in dynamic contests: Theory and experiment (with Yiqing Yan and Jeffrey Zeidel).
4. TTC domains (with Yuki Tamura),
Ext. Abs. in Proc. of WINE 2025,
R&R at Games and Economic Behavior.
5. Multi-agent contract design with a budget (with Wade Hann-Caruthers),
Ext. Abs. in Proc. of EC 2024,
R&R at Games and Economic Behavior.

Publications

1. An efficiency ordering of k -price auctions under complete information (with Jeffrey Zeidel),
Economics Letters, Volume 255, 2025.

2. Optimal grading contests,
Ext. Abs. in Proc. of EC 2023,
Games and Economic Behavior, Volume 152, 2025.
3. Project selection with partially verifiable information (with Wade Hann-Caruthers),
Ext. Abs. in Proc. of WINE 2022,
Mathematical Social Sciences, Volume 132, 2024.
4. Stable allocations in discrete exchange economies (with Federico Echenique and SangMok Lee),
Journal of Economic Theory, Volume 222, 2024.
5. Optimal tie-breaking rules (with Amit Goyal),
Journal of Mathematical Economics, Volume 108, 2023.
6. Optimality of the coordinate-wise median mechanism for strategyproof facility location in two dimensions (with Wade Hann-Caruthers),
Ext. Abs. in Proc. of SAGT 2022,
Social Choice and Welfare, Volume 61, 2023.

Awards

Best paper award, Winter School at Delhi School of Economics	2022
PIMCO graduate fellowship in Data Science, Caltech	2020
Graduate student fellowship, Caltech	2017
Class rank 1 in MSQE, ISI Delhi	2017
Masters student fellowship, ISI Delhi	2015-17

Conferences & Seminars

2026: AMES at NYUAD.

2025: ACEGD at ISI Delhi, WINE at Rutgers University, VCU, University of Michigan, Midwest Economic Theory Conference at Penn State, World Congress of Econometric Society in Seoul, IIM Bangalore, Conference on Economic Design at University of Essex, Durham Economic Theory Conference, Oligo Workshop at University of Cambridge, Asian School in Economic Theory at NYUAD.

2024: ACEGD at ISI Delhi, Winter School at DSE, Economics Conference at Ashoka University, Stony Brook Game Theory Conference, Conference on Contests at University of Reading, Workshop on Bargaining, Markets, and Strategic Decision Making at NYUAD, Liverpool Theory Seminar (virtual).

2023: ACEGD at ISI Delhi, Winter School at DSE, EC at King's College London, Durham Economic Theory Conference, Conference on Contests at University of Reading.

2022: ACEGD at ISI Delhi, Winter School at DSE, SAGT at University of Essex, Asian School in Economic Theory at NUS, Conference on Contests at University of Reading (virtual), Meeting of SSCW at El Colegio de México (virtual), SAET at ANU (virtual).

Teaching

Instructor at NYU Abu Dhabi

ECON-UH 2010: Intermediate Microeconomics

Spring 2024-26

Teaching Assistant at Caltech

Ec 149: Algorithmic Economics

Spring 2022, Spring 2023

Ec 121a: Theory of Value

Fall 2021

Ec 172: Game Theory

Spring 2020

BEM 103: Introduction to Finance

Winter 2020, Winter 2022

Ec 11: Introduction to Economics

Winter 2019

Ec 122: Econometrics

Fall 2018, Fall 2019

Instructor at Econschool

Mathematics for Economists

Fall 2020

Service

Editorial Board: Junior Associate Editor at Journal of Mathematical Economics 2026-27

Referee: Theoretical Economics, The Economic Journal, Journal of Economic Psychology, Social Choice and Welfare, Journal of Economic Behavior and Organization, Journal of Mathematical Economics, Mathematical Social Sciences, Economics Letters, Mathematical Reviews.

Program Committee: EC 2026, AMES 2026, WINE 2024-25, EAAMO 2024-25.

Organizer: MOD Theory Lunch Seminar at NYUAD 2024-26.

Other Experience

Member of Consortium, The U.S. COVID-19 Forecast Hub Dataset, Scientific Data

Summer 2020

Research Assistant, Profs. Federico Echenique, Taisuke Imai and Kota Saito

Spring 2019

Software Engineering Intern, Royal Bank of Scotland

Summer 2014

Programming: R, Python, C++, oTree, Qualtrics