

# Ivy Scholars Research BootCamp

# Mentors' Bio

Learn with Researchers & professors from:



Cornell University



PRINCETON  
UNIVERSITY

& many more...



**Scholar Launch**

# Maya Gobert

## Anchor Instructor

### Cornell University Alum Director, ScholarLaunch



Maya Gobert is the Director of Student Innovation. She founded and runs the Leadership & Innovation Lab. Maya attended Cornell University on a full expenses paid scholarship where she double majored in Economics and Political Science and graduated with top honors. Maya has worked across three continents and industries - finance, marketing and educational consulting.

Maya has led a team of consultants and worked personally with students across the world (more than 16 countries and counting!), mentoring them in profile building and extracurricular pursuits spanning entrepreneurship, research and innovation. Her students have gained admission into all the Ivy League colleges and many other Top 20 US universities.

# Avi Hegland-Fisher

## Anchor Instructor



### Colgate University & University of Pennsylvania Alum

Avi attended Colgate University, where she studied English, philosophy, and classics. She taught and tutored high school students while in law school at the University of Pennsylvania and was the recipient of an Exceptional Pro Bono Service Award, which is awarded to Penn Law students who complete over 200 hours of pro bono service.

Avi also received a Certificate in Management from Wharton. After Penn, she was a teaching assistant, research assistant, and adjunct professor at American University. Avi is a researcher, writing consultant, and college essay coach who tutors students in English, humanities, writing, reading, high school admissions testing, SAT, ACT, LSAT, and AP courses.

# Gabriel Arpino

**STEM: Machine Learning  
& AI**



## Final year PhD student, University of Cambridge

Gabriel Arpino is a final-year PhD student in Machine Learning & AI at the University of Cambridge.

His research focuses on statistical approaches to AI and optimization, including topics such as high-dimensional statistics, changepoint detection, and graph optimization.

He is currently finishing up a research internship on AI at Google.

# Dr. Sankalp Kota

**STEM: Hard Sciences**

**& Engineering**



## **PhD, Drexel University**

Dr. Sankalp Kota earned his Ph.D. in Materials Science and Engineering from Drexel University in 2019 and holds a degree from the University of Illinois Urbana-Champaign. As a Principal Materials Engineer, he leads advanced research, including metal 3D printing, for multi-million-dollar companies.

With 41 academic publications, including 8 as the first author, in journals like International Materials Review and Nature Energy, Dr. Kota is a recognized leader in his field.

His expertise covers additive manufacturing, tribological coatings, corrosion, ceramics, bearings, powder metallurgy, and nanomaterials.

Dr. Kota's engineering and teaching skills make him an exceptional faculty advisor and mentor, committed to fostering innovation and excellence.

# Dr Andrew Jahn

**STEM: Machine Learning & AI**

## Carleton College & Indiana University Alum



Dr Andrew Jahn received his B.A. at Carleton College and completed his Ph.D. in cognitive neuroscience at Indiana University. After completing his postdoctoral fellowship at Haskins Laboratories in New Haven, Connecticut, he began his current job as an imaging consultant at the University of Michigan.

He has worked as a neuroimaging consultant for several research laboratories around the world, including UC Irvine, Michigan State University, Radboud University, University of Antwerp, McLean Hospital at Harvard University, and others. **SUBJECTS:** Includes fMRI (using the software packages SPM, AFNI, and FSL), diffusion imaging, machine learning, structural analysis, and surface-based analysis.

# Ms Zhang

**STEM: Computer Science  
& Applied Mathematics**



## Computer Science & Engineering, MIT

Ms. Zhang is a dynamic professional with a solid academic background, holding a degree in Computer Science and Engineering from MIT. Her journey into the realm of cutting-edge research began at MIT D-Lab, where she delved into Bayesian modeling and Machine Learning methods. Transitioning seamlessly into industry, Ms. Zhang has thrived as a software engineer at Google, leveraging her expertise to contribute to innovative projects.

Prior to her tenure at Google, she made significant contributions at renowned companies including Amazon, IBM, Microsoft, and Morgan Stanley, where she honed her skills and gained invaluable experience. With a rich tapestry of experiences spanning research, teaching, and consulting, Ms. Zhang is well-equipped to mentor aspiring professionals in software engineering, web development, and game development, imparting her wealth of knowledge and expertise to the next generation of innovators.

# Dr Brown

## Social Sciences: Sociology & Social Psychology



### PhD, Columbia University

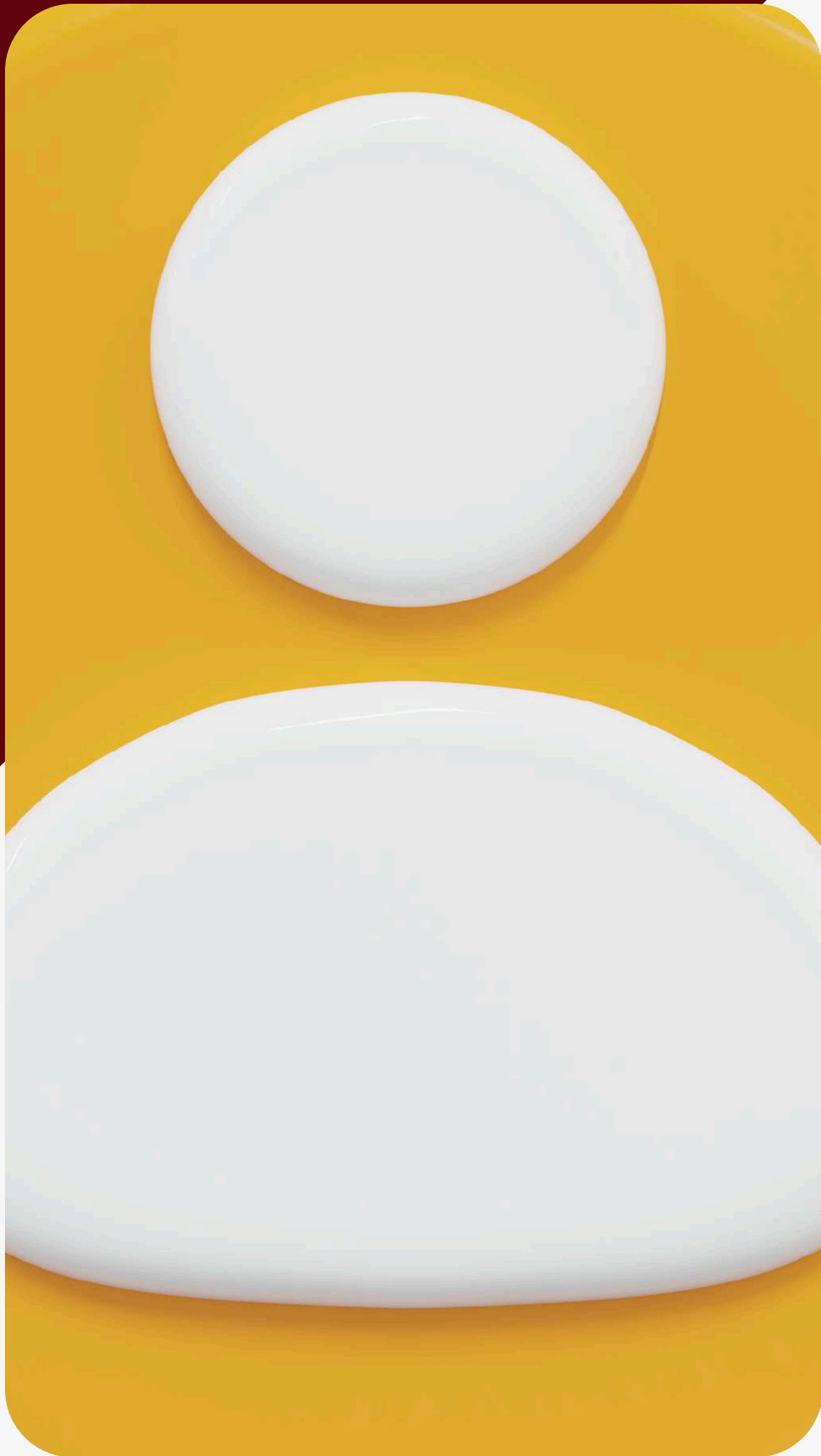
Dr. Brown is a distinguished scholar in the field of sociology, holding a Ph.D. from Columbia University. During his tenure at Columbia, she was honored as a Paul F. Lazarsfeld Fellow and a Ford Foundation Predoctoral Fellow, reflecting his exceptional academic achievements. She obtained her undergraduate degree in sociology with minors in urban education and Africana studies from the University of Pennsylvania, laying the foundation for his interdisciplinary approach to research.

Dr. Brown's academic journey includes serving as a Faculty Member at Princeton University, where she held the prestigious position of Presidential Postdoctoral Research Fellow. Her research and teaching interests encompass urban sociology, race and ethnicity, and education, reflecting his commitment to addressing pressing social issues. Through her scholarly contributions, Dr. Brown continues to deepen our understanding of societal dynamics and inspire future generations of sociologists.



# Dr Haque

**Social Sciences: Finance,  
Economics and Business**



## **PhD, Toronto University**

Dr. Haque is a distinguished Professor of Finance at Sheridan College, bringing a wealth of expertise and experience to his role. As a seasoned consultant, he has provided insightful business analysis to companies spanning diverse industries, aiding them in making informed strategic decisions. With a robust background in corporate finance, investments, and computer applications for financial management, Dr. Haque is adept at imparting knowledge to his students.

His academic journey includes earning a Finance Ph.D. from the University of Toronto, where his research focused on understanding differences in return volatility across companies. Additionally, his consultancy work has involved forecasting customer demand and evaluating promotional effectiveness, showcasing his practical application of financial theory. Dr. Haque's educational foundation was laid at Dartmouth College, further enriching his interdisciplinary perspective on finance and business.

# Mr Culka

## Social Sciences: International Relations & Political Science



### Ph.D. Candidate International Law, Charles University

Mr. Culka is a distinguished lawyer hailing from the Czech Republic, where he currently serves at the Ministry of Justice in the Section for International and European Cooperation, specifically within the International Department for Criminal Matters. In this capacity, he focuses on facilitating international judicial cooperation in criminal matters and represents the Czech Republic as a member state in the European Union. Notably, Mr. Culka recently co-chaired the Working Parties of the Council of the EU during the Czech Presidency of the Council of the EU, showcasing his leadership and diplomatic acumen on the international stage.

In addition to his governmental role, Mr. Culka is pursuing a Ph.D. in International Law at Charles University, further deepening his expertise in legal matters. His dedication to legal scholarship and practical experience in international legal cooperation positions him as a valuable asset in navigating complex legal landscapes and advancing the interests of the Czech Republic within the European Union and beyond.

# Justin Bevilacqua

## Social Sciences: Law and Politics



### Juris Doctor, Harvard Law School

During law school, Justin was the Executive Operations Officer for the Harvard Business Law Review and worked at the SEC's Division of Enforcement as part of the Student Honors Program. He is now a corporate and finance attorney, specializing in Investment Funds, Private Equity, Public Company Advising, and Mergers & Acquisitions, handling global and time-sensitive client issues.

Justin primarily represents investment fund sponsors on formation, governance, operational, and regulatory matters, and advises large institutions on investments and negotiations. Before his current role, he served as an intelligence tradecraft officer in the U.S. intelligence community and was in the United States Navy.

Additionally, Justin is an Admissions Consultant with Service to School, a nonprofit that helps transitioning military veterans gain admission to colleges and graduate schools.