

# Stanford

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## Bruce Cahan

Lecturer  
d.school

### Bio

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#### BIO

Bruce Cahan is a Lecturer in Stanford University's Management Science and Engineering Department, a Lecturer at the Hasso Plattner Institute of Design (d.school), a Distinguished Scholar at Stanford's Human-Sciences and Technologies Advanced Research Institute's mediaX Program, and an active member of CodeX Fellow at Stanford's Center for Legal Informatics. Bruce's course offerings at Stanford include Ethics of Finance and Financial Engineering (MS&E 148), Investing on the Buy Side of Wall Street (MS&E 449), Sustainable Banking (CEE 244A) and Redesigning Finance (d.school). As an Ashoka Fellow through Urban Logic, Bruce is creating the Space Commodities Exchange, GoodBank™(IO), an independent teaching bank for high-transparency, impacts-aware commercial bankers, and other projects.

#### ACADEMIC APPOINTMENTS

- Lecturer, Management Science and Engineering

#### ADMINISTRATIVE APPOINTMENTS

- Lecturer, Stanford University - Department of Management Science & Engineering, (2016- present)
- Distinguished Visiting Scholar, Stanford mediaX, (2016-2019)
- Adjunct Professor, Stanford University - Department of Civil & Environmental Engineering, (2016-2017)
- Consulting Professor, Stanford University - Department of Civil & Environmental Engineering, (2014-2016)
- Visiting Scholar, Stanford University - Department of Civil & Environmental Engineering, (2011-2014)
- Non-Residential Fellow, Stanford Law School - Center for Legal Informatics (CodeX), (2008-2012)
- Non-Residential Fellow, Stanford Law School - Center for Internet and Society, (2006-2009)

#### PROGRAM AFFILIATIONS

- Center for Human Rights and International Justice
- Center for Human Rights and International Justice

#### PROFESSIONAL EDUCATION

- Bachelor of Science (B.S.), University of Pennsylvania - The Wharton School , Economics and International Business (1976)
- Juris Doctor (J.D.), Temple University School of Law , Law (1979)

#### LINKS

- LinkedIn Profile: <https://www.linkedin.com/in/brucecahan/>
- Urban Logic's Website: [www.urbanlogic.org](http://www.urbanlogic.org)

## Teaching

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### COURSES

#### 2020-21

- Ethics of Finance: MS&E 148 (Aut)
- Redesigning Post-Disaster Finance: DESINST 245 (Spr)

#### 2019-20

- Buy-Side Investing: MS&E 449 (Win)
- Redesigning Post-Disaster Finance: DESINST 245 (Spr)

#### 2018-19

- Buy-Side Investing: MS&E 449 (Win)
- Ethics of Finance: MS&E 148 (Aut)

#### 2017-18

- Buy-Side Investing: MS&E 449 (Win)
- Ethics of Finance: MS&E 148 (Aut)

## Publications

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### PUBLICATIONS

- **Study design, rationale and methods of the Revitalising Informal Settlements and their Environments (RISE) study: a cluster randomised controlled trial to evaluate environmental and human health impacts of a water-sensitive intervention in informal settlements in Indonesia and Fiji.** *BMJ open*  
Leder, K., Openshaw, J. J., Allotey, P., Ansariadi, A., Barker, S. F., Burge, K., Clasen, T. F., Chown, S. L., Duffy, G. A., Faber, P. A., Fleming, G., Forbes, A. B., French, et al  
2021; 11 (1): e042850
- **Space Policies for the New Space Age: Competing on the Final Economic Frontier**  
Cahan, B., Sadat, M.  
NewSpace New Mexico. USA.  
2021
- **Space Commodities Futures Trading Exchange: Adapting Terrestrial Market Mechanisms to Grow a Sustainable Space Economy** *NEW SPACE*  
Cahan, B. B., Pittman, R., Cooper, S., Cumbers, J.  
2018
- **Space Commodities in Service of National Security** *American Institute for Aeronautics & Astronautics (AIAA) Space Forum*  
Cahan, B., Locke, T.  
2018
- **Outer Frontiers of Banking: Financing Space Explorers and Safeguarding Terrestrial Finance** *NEW SPACE-THE JOURNAL OF SPACE ENTREPRENEURSHIP AND INNOVATION*  
Cahan, B. B., Marboe, I., Roedel, H.  
2016; 4 (4): 253–68
- **Making Cities Smarter than Their Bankers** *Artificial Intelligence and Smarter Living — The Conquest of Complexity: Papers from the 2011 AAAI Workshop*  
Cahan, B.  
2011
- **Using High-Transparency Banks to Reconnect Money and Meaning** *Community Development Investment Review*  
Cahan, B.  
2009

- **Learning from crisis - Lessons in human and information infrastructure from the World Trade Center response** *SOCIAL SCIENCE COMPUTER REVIEW*  
Dawes, S. S., Cresswell, A. M., Cahan, B. B.  
2004; 22 (1): 52–66
- **Turning to Digital Government in a Crisis: Coordinating Government, Business & Nonprofit Services in Response to the World Trade Center Attacks of September 11, 2001**  
Dawes, S., Cahan, B., Cresswell, A.  
NSF National Science Foundation Digital Government Exploratory Research.  
2003
- **United States' Experience with Public-Private Partnership: Elements of Effective Public-Purpose Partnership** *OECD E-Government Project*  
Cahan, B.  
2002
- **Financing the NSDI: Aligning Federal and Non-Federal Investments**  
Cahan, B.  
FGDC: Federal Geographic Data Committee. Washington DC.  
2000
- **National Health Insurance: How would the courts take it?** *Temple Law Quarterly*  
Cahan, B.  
1979; 52