

**Curriculum Vitae****BO HEE MIN**

Department of Management, Politics and Philosophy  
Copenhagen Business School  
Porcelænshaven 18B, 2.150  
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**ACADEMIC EMPLOYMENT**

2018 – present      Assistant Professor  
Department of Management, Politics and Philosophy  
Copenhagen Business School

**EDUCATION**

Dec. 2017      Ph.D. in Sociology  
University of Wisconsin – Madison  
Dissertation Title: “Opening Up Black Boxes of Financial Markets: Crashes,  
Regulations, and Interactions between Humans and Material Entities”  
Committee: Joan Fujimura (Chair), Robert Freeland, Joseph Conti,  
Anne S. Miner (Management and Human Resources),  
Nicole C. Nelson (History of Science)  
Ph.D. Minors: Business; Science and Technology Studies  
Preliminary Exams: Organizations and Occupations;  
Sociology of Science and Technology

2012      M.S. in Sociology  
University of Wisconsin – Madison

1998      B.A. in Sociology (with honors)  
Seoul National University, Seoul, South Korea

**RESEARCH INTERESTS**

Economic sociology; Sociology of finance; Sociology of organization; Regulation and governance; Science and technology studies;

Qualitative method; Quantitative methods; Computer-aided text analysis

**LANGUAGE SKILLS**

English (Fluent); Korean (native)

**PUBLICATIONS**

**Bo Hee Min** and Christian Borch. 2021. "Systemic Failures and Organizational Risk Management in Algorithmic Trading: Normal Accidents and High-Reliability in Financial Markets." *Social Studies of Science*.

**Bo Hee Min**, Nora Cate Schaeffer, Dana Garbarski, and Jennifer Dykema. 2020. "The Action Structure of Recruitment Calls and Its Analytic Implications: The Case of Disfluencies." *Journal of Official Statistics*.

Nora Cate Schaeffer, **Bo Hee Min**, Thomas Purnell, Dana Garbarski, and Jennifer Dykema. 2018. "Greeting and Response: Predicting Participation from the Call Opening." *Journal of Survey Statistics and Methodology*.

Randy Stoecker, Mary Beckman, and **Bo Hee Min**. 2010. "Evaluating the Community Impact of Higher Education Civic Engagement." Hiram E. Fitzgerald, Diane L. Zimmerman, Cathy Burack, and Sarena Seifer (eds.) *Handbook of Engaged Scholarship: The Contemporary Landscape*.

**MANUSCRIPTS UNDER REVIEW**

**Bo Hee Min**. "Financial Regulation as Material-Normative Foundation of Institutions." *Invited for resubmission at Economy and Society*.

Christian Borch and **Bo Hee Min**. "Machine-learning-based securities trading: From first- to second-generation automation." *Under review at Economy and Society*.

Christian Borch and **Bo Hee Min**. "Socially Explainable AI: Toward an Explanation of Deep Neural Networks in Automated Trading." *Under review at Sociological Theory*.

**Bo Hee Min** and Kristian Bondo Hansen. "In models we trust! Establishing and upholding confidence in financial models." *Under review at Socio-Economic Review*.

**MANUSCRIPTS IN PREPARATION**

"Reconceiving an AI Organization: Machine learning and epistemic shift in organizations."

"The Social Structure of Algorithmic Trading." (with Christian Borch, Nicholas Skar-Gislinge, Kristian Bondo Hansen, and Daniel Souleles).

"Leveling and Tilting the Playing Field: The Role of Technology in Democratization of Financial Markets."

"Temporal Structures in Algorithmic Sensemaking."

**CONFERENCE PRESENTATIONS**

**Bo Hee Min**. 2020. "Anchored to Machine: Regulating Algorithms in Financial Markets" Paper presented at the annual meeting of the Society for Social Studies of Science, online on August 18-21, 2020.

Christian Borch and **Bo Hee Min**. 2020. "Risk and Reliability in AI Finance." Paper presented at the annual meeting of the American Sociological Association, online on August 8-11, 2020

**Bo Hee Min** and Kristian Bondo Hansen. 2020. "In Models We Trust: An Investigation of Confidence in Algorithmic Trading." Paper presented at the annual meeting of the Society for the Advancement of the Socio-economics, online on July 18-22, 2020

**Bo Hee Min**. 2019. "Organizational Changes and Structural (Dis)advantages in Digital Economy: The Case of Latency in Financial Markets." Paper presented at the annual meeting of the Society for Social Studies of Science, New Orleans, LA on September 3-7, 2019.

**Bo Hee Min**. 2019. "Temporal Construction in Algorithmic Sensemaking: The Case of Financial Markets." Paper presented at the annual meeting of the American Sociological Association, New York, NY on August 4-6, 2019.

**Bo Hee Min**. 2019. "Unleveling the playing field: How data infrastructure creates structural (dis)advantages in financial markets." Paper presented at the 35th EGOS Colloquium, Edinburgh, United Kingdom on July 4 - 6, 2019.

**Bo Hee Min**. 2019. "Organizing around algorithms: Sociomaterial organizing in financial markets." Paper presented at the 14th Organization Studies Summer Workshop, Mykonos, Greece on May 23 - 25, 2019.

**Bo Hee Min**. 2019. "Temporal Structures of Algorithmic Sensemaking." Paper presented at the Futures of Finance and Society conference, Edinburgh, UK, on December 6-7, 2018.

**Bo Hee Min**. 2018. "Reengineering Oversight: Regulating Algorithms in Financial Markets." Paper Presented at the annual meeting of the American Sociological Association, Philadelphia, PA on August 11-14, 2018.

Garbarski, Dana, Nora Cate Schaeffer, Jennifer Dykema, Ashley Baber, Ellen Dinsmore, **Bo Hee Min**. 2017. "Rapport in the Standardized Survey Interview: Responsiveness, Engagement, and Future Participation." Paper presented at the annual meeting of the Midwest Association for Public Opinion Research, November, Chicago, IL.

**Bo Hee Min**. 2017. "Politics of Microseconds: Auditing Algorithms in Financial Markets" Paper presented at the annual meeting of the Society for Social Studies of Science, Boston, MA on August 30 - September 2, 2017.

Garbarski, Dana, Nora Cate Schaeffer, Jennifer Dykema, Ellen Dinsmore, and **Bo Hee Min**. May 2016. "Interviewing Practices, Conversational Practices, and Rapport: Responsiveness and Engagement in the Standardized Survey Interview." Paper presented at the annual meeting of the American Association for Public Opinion Research, Austin, TX.

**Bo Hee Min**. 2015. "Social Construction of Materiality of Technology: Sociotechnical Contexts and Speed of Technology in Financial Market Crashes." Paper presented at the annual meeting of the Society for Social Studies of Science, Denver, CO on November 11 - 14, 2015.

**Bo Hee Min.** 2015. "The Recursivity in Production of Market Rules: A Case of Reg NMS." Paper presented at the annual meeting of the American Sociological Association, Chicago, IL on August 22-25, 2015.

**Bo Hee Min,** Nora Cate Schaeffer, Dana Garbarski, Jennifer Dykema, Ellen Dinsmore, Douglas W. Maynard. May 2015. "Refusal Conversions Across Calls: Interviewer's Actions in the Initial Call and Their Consequences." Paper presented at the annual meeting of the American Association for Public Opinion Research, Hollywood, FL.

Purnell, Thomas, **Bo Hee Min,** Nora Cate Schaeffer, Dana Garbarski, Jennifer Dykema and Ellen Dinsmore. 2014. "Greeting and Response: Can We Predict Participation from the Call Opening?" Paper presented at the annual meeting of the Midwest Association for Public Opinion Research in Chicago, IL on November 20-21, 2014.

Nora Cate Schaeffer, Dana Garbarski, Jennifer Dykema, Douglas W. Maynard, **Bo Hee Min,** and Ellen Dinsmore. 2014. "The Role of the Interviewer's Responsiveness in Avoiding and Converting Refusal". Paper presented for AAPOR (American Association for Public Opinion Research) Conference in Anaheim, California on May 15-18, 2014.

Dana Garbarski, Nora Cate Schaeffer, Jennifer Dykema, **Bo Hee Min,** and Ellen Dinsmore. "The Role of Rapport and Standardization in Predicting Future Survey Participation: Interviewer-Respondent Interaction in Questions about End-Of-Life Planning and Preferences". Paper presented for AAPOR (American Association for Public Opinion Research) Conference in Anaheim, California on May 15-18, 2014.

**Bo Hee Min.** 2013. "The "Flash Crash" as a Normal Accident in High-Tech Finance". Paper presented at the annual meeting of the American Sociological Association, New York, NY on August 10-13, 2013.

#### **GOVERNMENT AND INDUSTRY REPORTS (IN KOREAN)**

**Bo Hee Min.** 2007. "Green Information Technology: The Symbiosis of Economics and Environment." *Technology Inside*. Seoul, Korea: LG CNS, Co., Ltd.

**Bo Hee Min.** 2006. "Information and Knowledge in Ubiquitous Computing Era." In *Space and Environment of Ubiquitous Era*. Seoul: Yonsei University Press

Bae, Young, **Bo Hee Min** & Young In Seo. 2006. *Analysis on Policies of Ubiquitous Computing of Many Countries*. Seoul: National Information Society Agency, Ministry of Information and Communications

Baek, Jong-Hyun, Eun-Ju Kim, Ji-Sung Song, Jeong-Ah Lee & **Bo Hee Min.** 2004. *IT839+ Strategy - Correlation and Business Model Analysis among Services*. Seoul: National Information Society Agency, Ministry of Information and Communications

#### **GRANTS AND FELLOWSHIPS**

University of Wisconsin – Madison

2016 Mellon-Wisconsin Summer Fellowship (\$6,570)

- 2014, 2015 Top-up Fellowship, Holtz Center for Science and Technology Studies  
(\$2,000/year)
- 2015 Graduate Research Travel Award, East Asian Legal Studies Center (\$2,000)
- 2010, 2012 Graduate Summer Research Award, Holtz Center for Science and Technology  
Studies (\$2,000 per award)

## AWARDS

### University of Wisconsin – Madison

- 2017 Genevieve Gorst Herfurth Award for Outstanding Research in Social Studies  
For paper “Snap Interactions and Programmed Panic: Risk and Vulnerability in  
High-Tech Finance”
- 2013 Genevieve Gorst Herfurth Award for Outstanding Research in Social Studies  
(honorable mention)  
For paper “Flash Crash as a Normal Accident in High-Tech Finance”
- 2016 Teaching Fellow Award, College of Letters and Science
- 2013 Teaching Award for Teaching Assistant, Department of Sociology

## COURSE COORDINATION

### Copenhagen Business School

#### BSc. in Business Administration and Sociology

- 2020 – present Corporate Finance (*incl. course development*)
- 2020 – present Computing in Social Science Research (*incl. course development*)

#### MSc. in Social Sciences – Organizational Innovation and Entrepreneurship

- 2019 – present Advanced International Entrepreneurship (online)

## TEACHING EXPERIENCE

### Copenhagen Business School

#### BSc. in Business Administration and Sociology

- 2020 – present Corporate Finance
- 2020 – present Computing in Social Science Research

#### MSc. in Social Sciences – Organizational Innovation and Entrepreneurship

- 2018 – present Advanced International Entrepreneurship (online)

### University of Wisconsin – Madison

- 2009 – 2010 Statistics for Sociologists I (required for undergraduates)
- 2012 – 2013 Statistics for Sociologists II (required for MS students)
- 2011 – 2012 Statistics for Sociologists III (required for PhD students)

## INDUSTRY EXPERIENCE

Technology Strategist, Research and Development Center, LG CNS, Seoul, Korea 1998 – 2007

- Examined emerging technologies and their potential applications for business
- Supported executives’ decision making on investment in emerging technologies

- Developed strategies for company's research and development projects
- Participated as a project manager or member in or provided support for engineers for development of prototype systems

## STATISTICAL ANALYSIS SOFTWARE AND PROGRAMMING SKILLS

### Data Analysis Software

- Stata Advanced (can use extensive programming for collection and analysis of both numerical and text data)
- SAS Intermediate
- SPSS Advanced
- R Advanced
- NVivo Intermediate
- Excel Advanced (can write and use functions and macros)

### Programming Skills

- Programming languages: C, Java, Oracle PL/SQL
- Web application development: HTML, ASQ.NET, and JSP
- Databases: Oracle, MS SQL, MySQL, and Microsoft Access

## ACADEMIC MEMBERSHIP

2008 – present	American Sociological Association
2016 – present	Academy of Management
2014 – present	Society for Social Studies of Science
2018 – present	European Group for Organizational Studies

## ACADEMIC SERVICE

2016 – present	Assistant Editor to Commissioning Editor to Editor-in-Chief <i>Work in Progress: Sociology on the economy, work and inequality:</i> a public sociology blog of American Sociological Association ( <a href="http://www.wipsociology.org">http://www.wipsociology.org</a> )
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