

EMILY SULLIVAN

Delft University of Technology
Technology, Policy, and Management
Ethics and Philosophy of Technology

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RESEARCH AREAS

Epistemology (formal, social, political)
Philosophy of Science (general, social sciences, computer sciences)
Philosophy of Technology
Ethics

EMPLOYMENT

Postdoctoral Researcher– Delft University of Technology	2017– current
Postdoctoral Teaching Fellow – Fordham University	2016–2017

EDUCATION

Fordham University, Bronx, New York

Ph.D., Philosophy, May 2016

Dissertation: “Expert Knowing: A Propositional Account of (Scientific) Understanding”

Committee: Stephen Grimm (Fordham); Michael Strevens (NYU); Nathan Ballantyne (Fordham)

Fordham University, Bronx, New York

M.A., Philosophy, 2011

Sarah Lawrence College, Bronxville, New York

B.A., Liberal Arts: concentration in Philosophy, Politics, Economics, 2008

Oxford University, Wadham College, Oxford, UK

One-year visiting student, Philosophy and Economics, 2008

PEER-REVIEWED PUBLICATIONS

PHILOSOPHY

forthcoming “Idealizations and Understanding: Much Ado About Nothing?” *Australasian Journal of Philosophy*.

First author, with Kareem Khalifa

forthcoming “Can Real Social Epistemic Networks Deliver the Wisdom of Crowds?” *Oxford Studies in Experimental Philosophy*. Volume 3.

First author, with Sondag, M., Rutter, I., Meulemans, W., Cunningham, S., Speckmann, B., & Alfano M.

2018 “Understanding: Not Know-How,” *Philosophical Studies*. 175:221–240.

PEER-REVIEWED PUBLICATIONS
CONTINUED

COMPUTER SCIENCE

- 2018 “Same, Same, but Different: Algorithmic Diversification of Viewpoints in News,”
Adjunct Publication of the 26th Conference on User Modeling, Adaptation and Personalization. 7-13. ACM.
Second author, with Tintarev, N., Guldin, D., Qiu, S., & Odjik, D.

INVITED BOOK CHAPTERS

- forthcoming* “Negative Epistemic Exemplars” with Mark Alfano in *Overcoming Epistemic Injustice: Social and Psychological Perspectives*. Eds. Ben Sherman and Stacey Goguen, Rowman and Littlefield International.
- forthcoming* “Epistemic Security” with Mark Alfano in *Vice Epistemology Theory and Practice*. Eds. Ian Kidd, Quassim Cassam, and Heather Battaly, Routledge.
- forthcoming* “Humility in Social Networks” with Mark Alfano in *Handbook on Humility*. Eds. Mark Alfano, Michael Lynch, and Alessandra Tanesini, Routledge.

ARTICLES WITH REVISE AND RESUBMIT

- [title redacted] at *European Journal for Philosophy of Science*
[title redacted] at *British Journal for the Philosophy of Science*

PEER-REVIEWED PRESENTATIONS

- 2019 “Network-first epistemology” with M. Sondag, I. Rutter, W. Meulemans, S. Cunningham, B. Speckmann, and M. Alfano
Autonomy, Epistemic Authority, and Epistemic Paternalism Workshop The Autonomous University of Madrid
- 2018 “Social Network-Epistemology” with M. Sondag, I. Rutter, W. Meulemans, S. Cunningham, B. Speckmann, and M. Alfano
IEEE eScience 2018; Amsterdam
- 2018 “Same, Same, but Different: Algorithmic Diversification of Viewpoints in News”
with N. Tintarev, D., Guldin, S. Qiu, and D. Odjik,
FairUMAP 2018, Singapore
- 2018 “Understanding from Machine Learning Models”
11th MuST Conference in the Philosophy of Science, Turin; Italy
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PEER-REVIEWED PRESENTATIONS
CONTINUED

- 2018 “Understanding from Machine Learning Models”
Explanation and Understanding Workshop, Ghent; Belgium
- 2018 “Not All Falsehoods”
Fake Knowledge Conference, University of Cologne; Germany
- 2018 “Idealizations and Understanding: Much Ado about Nothing?”
Models and Simulations 8; North Carolina
- 2017 “Grasping Why”
OZSW Conference, Utrecht University; Netherlands
- 2017 “The Epistemic (De)merits of Misleading Information”
37th Annual Dutch Flemish Day of Philosophy, VU Amsterdam; Netherlands
- 2016 “The Social Function of Understanding”
PRP Social Epistemology Workshop, Rutgers University; New Brunswick, NJ
- 2016 “Valuable Understanding without Achievement”
Varieties of Understanding Capstone Conference—seminar, Fordham University; NY, NY
- 2015 “Inter-System Causal Explanations: Rethinking Renormalization”
SWIP-Analytic Graduate Talks, CUNY Graduate Center; NY, NY
- 2015 “Valuable Understanding without Achievement”
Virtue Epistemology Conference, KU Leuven; Belgium
- 2015 “Transforming Knowledge into Understanding”
Long Island Philosophical Society Conference, St. Johns University; Queens, NY
- 2015 “Idealizations, Truth, and Understanding”
Symposium Paper, *Central APA*, St. Louis, MI
- 2014 “Understanding from Testimony”
Central States Philosophical Association, Northwestern University; Evanston, IL
- 2014 “Understanding from Testimony”
Pittsburgh Area Philosophy Colloquium, Washington & Jefferson College; Washington, PA
- 2014 “Understanding without Epistemic Credit”
Collective Intentionality IX, University of Indiana; Bloomington, IN
- 2012 “Do Scientific Idealizations Threaten a Factive View of Understanding?”
Aim of Inquiry and Cognition, University of Edinburgh; Edinburgh, Scotland
- 2012 “Do Scientific Idealizations Threaten a Factive View of Understanding?”
Fordham Graduate Symposium, Fordham University; NY
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 INVITED TALKS

- 2019 “Black-Boxes, Understanding, and Machine Learning”
Vrije Universiteit Amsterdam
- 2019 “Systems of distributed knowledge”
Delft University of Technology
- 2019 “Enabling Constructive Public Discourse on Social Media: A Case Study on Vaccine Safety”
Lund University; Sweden
- 2019 “Epistemic Security”
University of Connecticut; USA
- 2018 “Digital Democracy”
Central Innovation District Conference, Den Haag
- 2018 “Not all Falsehoods”
University of Melbourne; Australia
- 2018 “Not all Falsehoods”
Monish University; Australia
- 2018 “Epistemic Responsibility on Social Media”
University of Melbourne; Australia
- 2018 “Understanding from Machine Learning AI”
University of Copenhagen; Denmark
- 2018 “Digital Humanities and Social Epistemology in a Post-Truth Society”
Tilburg University; Netherlands
- 2017 “Scraping social data”
Digital Humanities, Social Epistemology, & Virtue Theory in a Post-Truth Society; Amsterdam
- 2017 “Enabling Constructive Public Discourse on Social Media: A Case Study on Vaccine Safety,”
Digital Humanities, Social Epistemology, & Virtue Theory in a Post-Truth Society; Amsterdam

 INVITED COMMENTARIES

- 2018 "Diversity-Aware Reccomender Systems" by Nava Tintarev
Explanation and Understanding in the Age of Algorithms; ZiF Bielefeld Germany
- 2018 “Propaganda, Disinformation and the Epistemic value of Democracy” by Étienne Brown.
Political Epistemology Conference, University of London
- 2014 “Evaluating Moral Truth” by David Atenasio;
Central States Philosophical Association, Northwestern University; IL
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WORKSHOPS

- 2019 **ICT with Industry** Lorentz Center; Leiden
FDmediagroep: Opening the black box of user profiles in content-based recommender systems
- 2018 **Explanation and Understanding in the Age of Algorithms**; ZiF, Germany
- 2017 **ICT with Industry**; Lorentz Center, Leiden
Blendle: “Did I miss something?”: A complete and personal news selection

RESEARCH PROJECTS

- 2017 – present Scaffolding the Media for Intellectually Public Discourse
with the DHEPCAT research collective at TU Delft and TU/e
(funded by the John Templeton Foundation)
- 2018 Micro targeting & Local elections
with H. Hazenberg, J. van den Hoven, S. Cunningham, M. Alfano, H. Ashari,
A. Ebrahimi Fard, E. Turcios Rodriquez
(funded by the Dutch Ministry of Interior)
- 2017-2018 Designing Artificial Advice Givers that Consider Perspective and Affect in Reasoning
with Nava Tintarev and Mark Alfano,
(funded by Delft Design for Values Institute)

TEACHING

TU Delft 2017-present
(Tutor) Information Technologies and Values: 2 sections
(Essay Grader) Ethics for Aerospace Engineering: 2 sections

Fordham University 2012–2017: (Instructor of Record)
Philosophy of Science, PHIL 3266: 2 sections
Philosophy of Human Nature, PHIL 1000: 9 sections
Philosophical Ethics, PHIL 3000: 5 sections

GRANTS AND FELLOWSHIPS

- 2011 – 2016 Fordham University: Tuition Scholarship (\$89,000)
- 2011 – 2016 Fordham University: Graduate Fellowship (\$122,000)
- 2016 John Templeton Foundation: Varieties of Understanding Seminar Grant (\$600)
- 2015 Fordham University: Summer Teaching Grant (\$5,000)
- 2015 American Philosophical Association: Travel Grant (\$300)
- 2015 Fordham University: Professional Development Grant (\$1,200)
- 2015 Fordham University: Graduate Research or Writing Workshop (\$300)
- 2014 Fordham University: Summer Teaching Grant (\$5,000)
- 2014 Fordham University: GSA Travel Grant (\$300)
- 2012 Fordham University: GSAS Research Support Grant (\$1,000)
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SERVICE

DEPARTMENT**Fordham University**

- 2014-2017 Women & Minorities in Philosophy Reading Group: Co-founder
- 2015-2016 Fordham Philosophical Society (Graduate Student Government):
Elected Vice President,
- 2014-16 Graduate Research and Writing Workshop: Co-founder and organizer,
- 2014-2015 Fordham Philosophical Society (Graduate Student Government):
Elected Treasurer,
- 2013-2015 Dissertation Colloquium: Organizer and moderator,

PROFESSION

Referee: *British Journal for the Philosophy of Science*
Philosophy of Science
Pacific Philosophical Quarterly
Erkenntnis
Journal of Philosophical Research
American Philosophical Quarterly
Synthese

- Session Chair: 2016 Varieties of Understanding Conference
 2016 Epistemology Colloquium, Eastern APA
 2015 Varieties of Understanding Conference
 2015 Long Island Philosophical Society Conference

OTHER SKILLS

Python
 rStudio

REFERENCES

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|------------------|--|--|--|
| Stephen Grimm | Professor of Philosophy
Fordham University | Mark Alfano | Associate Professor
Delft University of
Technology
Delft, Netherlands |
| Michael Strevens | Professor of Philosophy
New York University | Daryl Tress
(Teaching
Reference) | Associate Professor
Associate Chair of
Undergraduate Studies
Fordham University |
| Kareem Khalifa | Associate Professor
Middlebury College | | |
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