

Teresa Yolande Branch-Smith
SOCRATES | Leibniz Universität Hannover
Lange Laube 32, 30159 Hannover, Germany

ACADEMIC APPOINTMENTS

- 2023 - Postdoctoral Researcher
Leibniz Universität Hannover, DFG-funded Center for Advanced Studies,
Social Credibility and Trustworthiness of Expert Knowledge and Science-Based
Information (SOCRATES)
- 2022-2023 Postdoctoral Fellow
Universität zu Köln, Philosophisches Seminar, Cologne Center for Contemporary
Epistemology and the Kantian Tradition (CONCEPT)
- 2020-2022 Postdoctoral Researcher
Institut Jean Nicod, DEC, Ecole Normale Supérieure - PSL
EU Horizon 2020 project: Policy, Expertise and Trust in Action (PERITIA)
- AOS: Philosophy of Science, Science Communication
AOC: Social Epistemology, Science in Society

EDUCATION

- 2019 Ph.D. in Philosophy (under full name: Teresa Yolande Branch-Smith)
Department of Philosophy, University of Waterloo, Canada
“Contextualizing Science for Value-Conscious Communication”
Supervisor: Prof. Heather Douglas, Asst. Supervisor: Prof. Doreen Fraser
- 2014 M.A. in Philosophy
Department of Philosophy, University of Waterloo, Canada
“Reducing an Emergence of the Gaps: Computation for Weak Emergence”
- 2013 Graduate Diploma in Science Communication
Graduate Studies, Laurentian University, Canada
“Examining Factual Science on a Fictitious Frontier: A Qualitative
Exploration of Science Content in the Videogame Mass Effect”
- 2012 M.A. in the History and Philosophy of Science and Technology
Institute for the History and Philosophy of Science (IHPST)
University of Toronto, Canada
- 2010 B.Sc. in Biochemistry, Honours. Specialization. Minor in Psychology
Biochemistry Department, University of Ottawa, Canada

PUBLICATIONS: ORCID 0000-0001-7824-1830

Branch, T.Y. (Forthcoming). Values in Science and Science Communication Models. Ed. Kevin Elliott and Ted Richards. *The Routledge Handbook of Values and Science*. Routledge New York, NY.

Holman, B., & Branch, T.Y. (Forthcoming). Reflecting on Responses to the New Demarcation Problem. In K. Elliott & T. Richards (Eds.), *The Routledge Handbook of Values and Science*. Routledge.

Tsai, S-M., T.Y. Branch, & Shawn Rowe (2024). Public Perceptions of Ocean Science as Insight into Discovery Science. *Journal of Science Communication*. 23(07), N04. <https://doi.org/10.22323/2.23070804>.

Douglas, H. & T.Y. Branch (2024). The Social Contract for Science and the Value-Free Ideal. *Synthese*, 203, 40. <https://www.doi.org/10.1007/s11229-023-04477-9>.

Branch, T.Y. & G. M. Duché (2024) Affective Labor in Integrative STS Research. *Science, Technology, & Human Values* 49(1): 131-150. <https://www.doi.org/10.1177/01622439221143804>. [Open Access]

Branch, T.Y., & H. Douglas (2023). Rethinking the Conceptual Space for Science in Society after the VFI. *Philosophy of Science*, 1-10. <https://www.doi.org/10.1017/psa.2023.130>.

Branch, T.Y. (2022) “Enhanced Epistemic Trust and The Value-Free Ideal as a Social Indicator of Trust.” *Social Epistemology* 36 (5): 561-575: <https://www.doi.org/10.1080/02691728.2022.2114114>. [Open Access]

Branch, T.Y. and Gloria Origgi (2022) “Social Indicators of Trust in the Age of Informational Chaos.” *Social Epistemology* 36(5) 533-540: <https://www.doi.org/10.1080/02691728.2022.2121622>. [Free Access]

Gundersen, Torbjørn, Donya Alinejad, T.Y. Branch, Bobby Duffy, Kirstie Hewlett, Cathrine Holst, Susan Owens, Folco Panizza, Silje Maria Tellmann, José van Dijck and Maria Baghramian (2022) A New Dark Age? Truth, Trust, and Environmental Science. *Annual Review of Environment and Resources* 47:1. <https://www.doi.org/10.1146/annurev-environ-120920-015909>. [Open Access]

Branch, T.Y., Gloria Origgi and Tiffany Morisseau (2022) Why Trust Raoult? How Social Indicators Inform the Reputations of Experts. *Social Epistemology* 36:3, 299-316. <https://www.doi.org/10.1080/02691728.2022.2042421>.

T.Y. BRANCH

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Morisseau T., T.Y. Branch and Gloria Origgi (2021) Stakes of Knowing the Truth: A Motivational Perspective on the Popularity of a Controversial Scientific Theory. *Front. Psychol* 12:708751. <https://www.doi.org/10.3389/fpsyg.2021.708751>.
[Free Access]

TEACHING - CERTIFICATION

2018 Graduate Certificate in University Teaching
Centre for Teaching Excellence, University of Waterloo, Canada
Thesis: “Creating Inclusive Classrooms amidst Discriminatory Content”

TEACHING - INVITED LECTURES

“Rethinking the Conceptual Space for Science in Society After the VFI” November 7, 2023

Course: Science and Democracy: Philosophical Perspectives
Instructor: Prof. Heidi Grasswick - Middlebury College

“Science in Society through Science Education” September 18, 2023

Course: Science Communication in Democracy - Paideia Program
Instructor: Vanessa Schipani - University of Pennsylvania

“Values In Science and Implications for Sci Comm” September 30, 2022

Course: Science and Public Engagement
Instructor: Dr. Marina Joubert - Stellenbosch University

“Values in Science Communication” January 31, 2022

Course: Research Group
Instructor: Prof. Stéphanie Ruphy - Ecole Normale Supérieure

“Science Communication and the Value-Free Ideal” March 29, 2021

Course: Graduate Class
Instructor: Prof. Gloria Origgi - Ecole Normale Supérieure

TEACHING & COURSE INSTRUCTORSHIPS

| | |
|------------------------------|-------------|
| Social Dimensions of Knowing | 2025 Summer |
| Social Epistemology | 2025 Summer |
| Philosophy of Sex & Love | 2019 Winter |
| Metaphysics | 2018 Fall |
| Gender Issues | 2018 Spring |
| Ethics | 2018 Winter |
| Gender Issues | 2017 Fall |
| Gender Issues | 2017 Spring |
| Philosophy of Sex and Love | 2017 Winter |
| Gender Issues | 2016 Spring |

TEACHING - ASSISTANTSHIPS

| | |
|----------------------------|-------------|
| Intro to Ethics and Values | 2016 Winter |
| Bioethics | 2015 Fall |
| Critical Thinking | 2014 Winter |
| Bioethics | 2013 Fall |

PUBLIC PHILOSOPHY

“Does Science need Democratic Legitimacy?” *Reatch - Pizza, Philosophy, and Science (PPS)*. February 2025. <https://reatch.ch/veranstaltungen/pizza-philosophy-science-democratic-legitimacy-of-science>

“A New Place for Publics in Science”, *UNESCO Inclusive Policy Lab. Winter 2022*. <https://en.unesco.org/inclusivepolicylab/analytics/new-place-publics-science>

“Indicateurs sociaux de la confiance, amorces du soupçon”, *Les Carnets de l'EHESS : Connaître à l'ère du soupçon. Fall 2022. École des hautes études en sciences sociales (EHESS)* <https://www.ehess.fr/fr/carnet/conna%C3%A0tre-l%C3%A8re-soup%C3%A7on/indicateurs-sociaux-confiance-amorces-soup%C3%A7on>

“Why Trust Raoult?”, *Ecole Normale Supérieure - Paris Science et Lettres (ENS-PSL). Summer 2022*. <https://cognition.ens.fr/fr/news/pourquoi-faire-confiance-au-dr-raoult-16207>

“The Transit of Venus” with Belanger, Christopher. University of Toronto Scientific Instruments Collection. 2014. <http://www.youtube.com/watch?v=nKK99wGY8MQ>

APPLIED PHILOSOPHY

- 2016 - 2017 Philosopher-in-Residence, Advancing Big Data: Critical Analysis for
Harnessing Heterogeneous Information
Supervisor: Dr. Patrick Valduriez, Senior researcher, INRIA
Host: Zenith research group, LIRMM laboratory. Montpellier, France
- 2014 Philosopher-in-Residence, Embedded Philosophy in Near-Living
Architecture
Supervisor: Dr. Robert Gorbet, Associate Professor, KI
Host: Phillip Beesley Architect Inc. Toronto, Canada
- 2013 Institutional Development Researcher,
Canadian Association of Science Centres, Canadian Museum of Nature,
Ottawa, Canada
- 2011 Eco-Biodiversity Researcher, CIBC Discovery Gallery,
Royal Ontario Museum. Toronto, Canada
- 2010 - 2012 Assistant Curator, University of Toronto Scientific Instruments
Collection, Institute for the History and Philosophy of Science,
University of Toronto
- 2009 - 2010 Collections Researcher, Medical Artifacts collection
Canada Science and Technology Museum, Ottawa, Canada

ACADEMIC CONFERENCES & WORKSHOPS

2025 “TBD”

(November 10)

Interdisciplinary Challenges: Bridging Philosophy and Science Education Workshop

University of Salzburg

Salzburg, Austria.

(INVITED)

“TBD”

Workshop on Values and Institutions

(November 4-5)

Philosophisches Seminar und Interdisziplinäres Zentrum für Wissenschafts- und

Technikforschung (IZWT)

Bergische Universität Wuppertal

(INVITED)

“TBD”

Trusting Science and Trusting God Project Workshop

(September 8-9)

Online

(INVITED)

“Smallpox and an Environment for Basic and Applied Science”

(July 20-25)

International Society for the History, Philosophy, and Social Studies of Biology

(ISHPSSB)

University of Porto

Porto, Portugal.

“Tensions in Communicating Discovery Science - Changes over Time”

(May 27-29)

Public Communication of Science and Technology (PCST) Conference

University of Aberdeen

Aberdeen, Scotland.

“Values in Science and Science Communication Models”

(January 27)

Science Studies Reading Group

Cornell University

Ithica, USA.

- “Openness but not Transparency - A Response to John’s Ethics of Science Communication”
(January 14)
Socially Engaged Philosophy of Science (SEPOS) Work-in-Progress
Michigan State University
East Lansing, USA.
- 2024 “Science Communication and the Evolution of Philosophical Discourse on Values”
(December 2)
Knowledge in Crisis conference
University of Salzburg
Salzburg, Austria.
(INVITED)
- “The Nature of Science, Consensus View and Social Contract for Science”
(November 14)
‘Intersections between Philosophy of Science and Science Education’ panel
with Kevin Elliott, Charbel El-Hani, Hanne Andersen and Matthew J. Brown
The 29th Biennial Meeting of the Philosophy of Science Association (PSA)
New Orleans, USA.
- “Communicating Uncertainty and Error in Science” (August 1 – 8)
‘Distrust in Expertise: How to Counter Anti-scientific Behavior’ panel
XXV World Congress of Philosophy
Sapienza University of Rome
Rome, Italy.
- “Freedom and Responsibility in Models of Science Communication” (June 14)
Enabling Diverse Knowledge-Systems workshop
Leibniz Universität Hannover - SOCRATES
Hannover, Germany.
- “Epistemic Landscapes of Public Science Communication and implications for Vaccine Hesitancy” (February 19 – 21)
Vaccine Ethics & Epistemology conference
University of Cologne - CONCEPT
Cologne, Germany.
(INVITED)
- 2023 “Science Education under the Social Contract for Science” (September 19)
Science in Democracy Talk series
University of Pennsylvania - SNF Paideia Program

Philadelphia, USA.
(INVITED)

“Exploring the Nexus of Scientific Testimony and Vaccine Hesitancy” (June 29)
Morality, Epistemology, & Vaccine Hesitancy conference
The University of Warwick & The University of Cologne - CONCEPT
Online.

“How POS ‘Scaffolding’ can support the bridge between STS and SCS” (June 14 – 16)
RRC and c:o/re Conference: Nowhere(to)land? What Science Studies Contribute to
Science Communication conference
University of Bonn - Forum Internationale Wissenschaft (FIW)
Bonn, Germany.
(PLENARY TALK)

“Distinguishing Disciplinary Norms for Public Scientific Testimony” (June 5 – June 9)
XXIXth Bled Philosophical Conference – Applied Epistemology: Virtue, Vice, and Bias
Slovenian Society for Analytic Philosophy
Bled, Slovenia.

“Values and Vulnerability: The Impact of Error Expositions on Trust in Science”
(May 25 – 26)
Malfunction, Error, Failure: How to Learn from Scientific Mistakes?
The Hungarian Academy of Sciences
Budapest, Hungary.
(INVITED)

“Science Communication and the Legacy of the VFI for Epistemic Testimony”
(April 28 – April 30)
Linguistic and Epistemological Perspectives on Public Scientific Testimony workshop
University of Sweden
Stockholm, Sweden.
(INVITED)

“The Ecosystem of the VFI and its role in the New Demarcation Problem” (April 24)
Budapest University of Technology and Economics
MTA Lendület “Values and Science” Research Group (online).
(INVITED)

“Roundtable: Visible Scientists in the age of Covid-19: Characteristics, Changes,
Challenges” and “Roundtable: Toward a unified research agenda for communicating
basic science” (April 11 – 14)
Public Communication Science Technology (PCST) Conference

Rotterdam, Netherlands.

“The Value-Free Ideal and the Resilience of the Deficit Model in Science Communication” (April 5)

International Postdoc Forum for the Philosophy of Science

Minnesota Center for Philosophy of Science (MCPS)

Minneapolis (MN), USA (online).

(INVITED)

“The Social Contract for Science and the Value-Free Ideal” (February 16 – 17)

The Legacy of the Value-Free Ideal of Science workshop

Uppsala University

Uppsala, Sweden.

(INVITED)

2022 “The Ecosystem of the VFI and its role in the New Demarcation Problem”

(November 10 – 13)

‘The New Demarcation Problem symposium panel’ with Bennett Holman, Janet Kourany, Philip Kitcher and Heather Douglas

The 28th Biennial Meeting of the Philosophy of Science Association (PSA)

Pittsburgh, USA.

Learning from Experience: How Sharing Diverse National Approaches to Science Communication can lead to better solutions in Health, Climate, Energy, Food and Development (August 30 – September 3)

The Bellagio Centre - Rockefeller Foundation

Lake Como, Italy.

(INVITED)

“Une histoire des valeurs dans la communication scientifique” (June 30)

Archives Henri Poincaré - Philosophie et Recherches sur les Sciences et les Technologies

Université de Lorraine

Lorraine, France.

(INVITED)

“Science Advice in Polarised Times - Managing Values in the Science Policy Interface”

(June 13 – 15)

with Heather Douglas, Mario Scharfbillig and Angela Pereira Guimaraes

Joint Research Centre (JRC) Science Summit

Online.

(INVITED)

“Moral Obligation and Vaccine Hesitancy” (May 31 – June 1)

The Ethics of Trust and Expertise conference (PERITIA)
American University of Armenia
Yerevan, Armenia.

- 2021 “Describing Values in Science for Communicators” (November 16 – 19)
Science & You conference
Université de Lorraine
Metz, France.

How to be a Researcher in the XXI century: Challenges & New Paradigms in a Changing Society (September 16)
Center for Excellence and Transdisciplinary Studies-Consiglio Nazionale delle Ricerche
Conference
Milan, Italy.
(INVITED)

SCI:COM Conference
Creating a Climate of Trust (March 10)
(INVITED)

- 2020 “Social Indicators of Civic Mistrust: The Lubrizol Fire” (September 3 – 4, 11 – 12)
Public Engagement with Science: Defining and Measuring Success
Michigan State University
Online.

- 2018 “Values in Big Data Analytics” (June 6)
VIIème Congrès de la société de philosophie des Sciences, Faculté des Sciences et des
Techniques
Université de Nantes
Nantes, France.

“The Value-Free Ideal in Science Communication” (May 29)
Democratisation of Science Workshop
Université Jean Moulin Lyon 3
Lyon, France.

“Field Philosophy and Socio-technical Integration Research” (January 9)
Winter School on Responsible Innovation and Social Studies of Emerging Technologies
The National Nanotechnology Coordinated Infrastructure
Arizona State University
Tempe, USA.

- 2016 “Systems Virology for Emergence; A Philosophical Analysis of Complexity and Hierarchy” (February 5)
Interdisciplinary Winter School Integration and Translation in Systems Medicine
University of Hamburg
Hamburg, Germany.
- 2015 “Ethics in Educational Institutions: Building a Moral Museum” (October 15)
CSLEE Values and Leadership Conference
Pennsylvania State University
Pittsburgh, USA.
- “Formally Trained Science Communicators: A Solution to the Unreasonable Expectations Placed on Lay People and Professional Scientists” (October 1)
The Seventh International Conference on Science in Society
University Center Chicago
Chicago, USA.
- “Value Conscious Exhibits for Science Communication” (June 23)
Conference at the biannual meeting of the Society of the Philosophy of Science in Practice
University of Århus
Århus, Denmark.
- “Capitalizing on research: from Idea to Impact” (June 1)
Congress, Federation for the Humanities and Social Sciences
Ottawa, Canada.
- “Accountability in Science Communication” (March 27)
SRPoiSE Second Annual Conference
Michigan State University
East Lansing, USA.
- 2014 “Agent-Based Modelling for Weak-Emergence” (December 12)
Agent-Based Modelling in Philosophy, Munich Centre for Mathematical Philosophy
CAS^{LMU} Center for Advanced Studies
Munich, Germany.
- “Connecting Philosophy, Science and Sociology through Example: Weak Emergence and Computation” (November 6)
The Workshop on Research Agendas in the Societal Aspects of Synthetic Biology
Arizona State University
Tempe, USA.

“Weak Emergence and Systems Biology: The Reductive Potential” poster
(September 27)
Calgary Summit of Philosophers of Science
University of Calgary
Calgary, Canada.

“Choose Your Character: Video-Games & Gender” (August 11)
Science, Technology & Gender: Challenges & Opportunities conference
University of Waterloo
Waterloo, Canada.

2013 “Scientific information, misinformation and disinformation: The perils of open access
and trust” poster (October 21)
with Sandra DeVries, Jamie Sewell, and Marian Davies
Situating Science
University of Ottawa
Ottawa, Canada.

“Breaking Barriers of Accessibility: Temporal, Spatial, Visual and Thought” (June 22)
with Ariel Beaujot, Isabel Pedersen, and Kristen Aspevig
Discursive Spaces Conference
Art Gallery of Ontario
Toronto, Canada.

“Diverse Approaches to Divergent Audiences: Flash Exhibits, Eternal Exhibitions and
Engaging Millennials” (April 18)
with Ariel Beaujot, Ari Gross, and Erich Weidenhammer
National Conference for Public History
Ottawa, Canada.

DEPARTMENTAL SERVICE

- 2025 Executive Producer - SOCRATES Video
Editor - SOCRATES Newsletter
Curator - SOCRATES Reading Group
- 2024 Curator - SOCRATES Reading Group

PROFESSIONAL SERVICE

- 2024 Scientific Advisory Committee Member, “Communicating Discovery Science” International Symposium, Stellenbosch University, South Africa
- Editorial Board Member, Communicating Discovery Science (Spec. Issue) *Journal of Science Communication*
- Philosophy of Science Association (PSA) Task Force Leader for Developing Best Practices in Research Communication
- Co-Organizer, “Practices of Storytelling and Indigenous Epistemologies” Workshop, Leibniz University Hannover, SOCRATES
- 2023 Co-Organizer, Vaccine Hesitancy Philosophy Workshop
- 2022 Co-Editor, Social Indicators of Trust (Special Issue). *Social Epistemology*
- 2020 Co-Organizer, Social Indicators of Trust Webinar
Institut Jean Nicod, Ecole normale supérieure (ENS) - (PSL)
- 2014 - 2015 Project Manager (English Canada), World Wide Views Citizen Deliberation on Climate and Energy, University of Waterloo
- 2014 Project Coordinator, Reading Artifacts Workshop
Supervisor: Dr. Scott Campbell, University of Waterloo Computer Museum
- 2014 Project Manager, Science-Policy Interface Workshop
Balsillie School of International Affairs, University of Waterloo

REFEREE WORK

| | |
|------|---|
| 2025 | Social Epistemology Science, Technology & Human Values Studies in the History and Philosophy of Science European Journal for Philosophy of Science |
| 2024 | Episteme Canadian Journal of Philosophy Studies in History and Philosophy of Science Synthese Journal of Science Communication |
| 2023 | Synthese European Journal for the Philosophy of Science Croatian Journal of Philosophy Philosophy of Science |
| 2023 | Social Epistemology |
| 2022 | Social Epistemology |
| 2021 | Social Epistemology |
| 2020 | Social Epistemology European Journal for the Philosophy of Science Journal of Responsible Innovation |
| 2018 | Journal of Responsible Innovation |

PROFESSIONAL MEMBERSHIPS

Philosophy of Science Association (PSA)

Public Communication of Science and Technology Network (PCST)

ACADEMIC TRAINING

- 2018 Research Studentship, Values in Science
Supervisor: Dr. Heather Douglas, University of Waterloo, Canada
- 2015 Participant, Summer School on Mathematical Philosophy for Female
Students, Ludwig-Maximilians-Universität, Germany
- 2015 Participant, The Computational Turn; Simulation in Science
Institute Vienna Circle, University of Vienna, Austria
- 2014 Participant and Presenter, Situating Science Summer School
Situating Science Cluster, University of Ottawa, Canada
- 2010 Participant, Reading Artifacts Summer Institute
Canada Science and Technology Museum. Ottawa, Canada

LANGUAGES

- | | |
|---------|----------|
| English | Native |
| French | Fluent |
| German | Beginner |

GRANTS, FELLOWSHIPS, BURSARIES AND AWARDS

| | | |
|-------------|--|-----------------|
| 2017 - 2018 | Ontario Graduate Scholarship, University of Waterloo | \$10,000 |
| | President's Graduate Scholarship, University of Waterloo | \$6,666 |
| 2017 | UW International Experience Award, University of Waterloo | \$1,250 |
| 2016 - 2017 | MITACS-Inria Globalink Award | \$8,460 |
| 2016 | Walter Metzger Memorial, University of Waterloo | \$900 |
| | Student Research Grant, UW Institute for Complexity and Innovation | \$500 |
| 2015 | UW International Experience Award, University of Waterloo | \$2,500 |
| | UW Graduate Student Bursary, University of Waterloo | \$1,000 |
| | Ardeth Wood Memorial Bursary in Philosophy, University of Waterloo | \$2,000 |
| | President's International Experience Award, University of Waterloo | \$2,500 |
| 2014 | President's Graduate Scholarship, University of Waterloo | \$10,000 |
| 2014 | MITACS Accelerate Award | \$15,000 |
| | Ontario Graduate Scholarship, University of Waterloo | \$15,000 |
| 2013 | Arts Graduate Experience Award, University of Waterloo | \$2,129 |
| 2012 | Science Communication Graduate Fellowships, Laurentian University | \$3,000 |
| | Science Communication Graduate Scholarship, Laurentian University | \$2,500 |
| | TOTAL: | \$83,405 |

RESEARCH REFERENCES

Heather Douglas
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Michigan State University
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368 Farm Lane, East Lansing, MI 48824,
USA
dougl239@msu.edu
Office: +1 (517) 355-4490

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Leibniz Universität Hannover
Lange Laube 6, Room 201
30159 Hannover
GERMANY
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Albertus-Magnus-Platz 1
50923 Cologne
GERMANY
sbernecl@uni-koeln.de
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Gloria Origgi
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Ecole Normale Supérieure - EHESS - PSL
29, rue d'Ulm
75005 Paris
FRANCE
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TEACHING REFERENCE

Heidi Grasswick
George Nye & Anne Walker Boardman
Professor of Mental and Moral Science
Chair, Philosophy Department
Middlebury College
Middlebury VT 05753
grasswic@middlebury.edu