

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)

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 Fraiser
- 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

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., & 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. & G. M. Duché (2022) 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. (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>.

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 CLASS 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

T.Y. BRANCH

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TEACHING - COURSE INSTRUCTORSHIPS

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

“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>

ACADEMIC CONFERENCES & WORKSHOPS

2024 Title TBD

‘Distrust in Expertise: How to Counter Anti-scientific Behavior’ panel (August 1-8)
XXV World Congress of Philosophy
Sapienza University of Rome
Rome, Italy.

“Epistemic Landscapes of Public Science Communication and implications for Vaccine Hesitancy” (February 19th – 21st)
Vaccine Ethics & Epistemology
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” (29 June)
Morality, Epistemology, & Vaccine Hesitancy
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
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

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 30th) 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.

CEST-CNR Conference. How to be a researcher in the XXI century: challenges and new paradigms in a changing society (September 16th)

Milan, Italy.

(INVITED)

SCI:COM Conference

Creating a Climate of Trust (March 10th).

(INVITED)

2020 “Social Indicators of Civic Mistrust: The Lubrizol Fire” (September 3-4, 11-12th)

Public Engagement with Science: Defining and Measuring Success

Michigan State University

Online.

- 2018 “Values in Big Data Analytics” (June 6th) 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 29th) Democratisation of Science Workshop, Université Jean Moulin Lyon 3
Lyon, France.
- “Field Philosophy and Socio-technical Integration Research” (Jan 9th)
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” (Feb 5th)
Interdisciplinary Winter School Integration and Translation in Systems Medicine
University of Hamburg
Hamburg, Germany.
- 2015 “Ethics in Educational Institutions: Building a Moral Museum” (Oct 15th)
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” (Oct 1st)
The Seventh International Conference on Science in Society, University Center Chicago
Chicago, USA.
- “Value Conscious Exhibits for Science Communication” (June 23rd)
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 1st)
Congress, Federation for the Humanities and Social Sciences,
Ottawa, Canada.
- “Accountability in Science Communication” (March 27th) SRPoiSE Second Annual Conference, Michigan State University
East Lansing, USA.

- 2014 “Agent-Based Modeling for Weak-Emergence” (December 12th)
Agent-Based Modeling 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 6th)
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 27th) Calgary Summit of Philosophers of Science.
University of Calgary
Calgary, Canada.
- “Choose Your Character: Video-Games & Gender” (August 11th)
Science, Technology & Gender: Challenges & Opportunities
University of Waterloo
Waterloo, Canada.
- 2013 “Scientific information, misinformation and disinformation: The perils of open access and trust” poster (October 21st)
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 22nd)
(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 18th) (with Ariel Beaujot, Ari Gross, and Erich Weidenhammer)
National Conference for Public History
Ottawa, Canada.

PROJECT MANAGEMENT

T.Y. BRANCH

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- 2024 Scientific Advisory Committee, “Communicating Discovery Science”
International Symposium, Stellenbosch University, South Africa
- Co-Editor, Communicating Discovery Science (Special Issue).
Journal of Science Communication
- 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

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

PROFESSIONAL SERVICE

2024	Synthese Journal of Science Communication
2023	Philosophy of Science Association (PSA) Task Force for Developing Best Practices in Research Communication 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

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

- | | |
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| 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

REFERENCES

Heather Douglas
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Michigan State University
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368 Farm Lane, East Lansing, MI 48824,
USA
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Gloria Origgi
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