JULIETTE FERRY-DANINI

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Fields of Research Interest

AOS: Philosophy of Medicine; Philosophy of Science; Medical Ethics
AOC: History of Medicine; Philosophy of Technology; Continental Philosophy

Employment

2020-2021. Postdoctoral research and teaching fellow, Centre for Ethics, University of Toronto: *"Centre for Ethics postdoctoral fellow in ethics of artificial intelligence"*
2020. Postdoctoral fellow, Health and Law Institute, Université de Paris, 2020: *"The ethics and epistemology of AI in medicine"*
2019. Postdoctoral fellow, Centre in Medical Humanities, Sorbonne Université, Paris.
2018-2019. Fixed-term lecturer, Faculty of Medicine and Faculty of Science, Université Claude Bernard, Lyon.
2017-2018. Research fellow, co-leader on the project 'PARE', Sorbonne Université: *"The ethics and epistemology of pathology collections"*

Education

Ph.D. Sorbonne Université, Research team "Science, Norms, Democracy," 2019
    Dissertation: "A Critique of Medical Humanism: Narrative Medicine and the Phenomenology of Medicine in Question"
    Supervisor: Daniel Andler
    Examiners: Isabelle Drouet, Denis Forest, Elodie Giroux, Maël Lemoine & Miriam Solomon
Visiting research scholar, Temple University, Department of Philosophy, 2016
M.A. in Philosophy of Science jointly awarded by four universities, Sorbonne Université, Paris 1 – IHPST, ENS and Université Paris-Diderot, 2014
M.A. in Philosophy, University of Kent, Canterbury, Department of Philosophy, 2013
B.A. in Philosophy, Sorbonne Université, Department of Philosophy, 2012

Awarded Grants

2021. *ANR-ra-Covid-19* (ANR) as co-leader with Samuel Lépine and Cédric Paternotte – 61 587€ ('The Ethics and Epistemology of Covid-19 in France', one year)

2017. *Emergence Grant* from Sorbonne Université co-written with Claire Crignon – 78 000€ ('History and Philosophy of the Dupuytren Pathological Collection', one year)

Articles in Peer-Reviewed Journals

2020. Ferry-Danini, "L'humanisme médical au-delà de l'empathie", [Defining medical humanism beyond empathy], in Ferry-Danini, Giroux, 2020, "Medical humanism: what lies behind the label?", *Archives de Philosophie,* Tome 84 (4).

2020. Ferry-Danini, "La médecine narrative face à l'impossible singularité des récits" [Narrative medicine and the impossible singularity of stories] in *Lato Sensu: Revue de la Société de Philosophie des Sciences, 7 (2), 1-6.*

2019. Ferry-Danini, "Should the phenomenological approaches to illness really be wary of naturalism?," *Studies in History and Philosophy of Science Part C: Studies in History*

and Philosophy of Biological and Biomedical Sciences, Volume 73, February 2019, Pages 10-18.

2018. Ferry-Danini, "A new path for humanistic medicine," *Theoretical Medicine and Bioethics*, Volume 39, Issue 1, pp 57–77.

Book Contract

2020. Forthcoming in 2022. I received an advance (4000€) from the major French publisher *Éditions Stock*, for a book to be published in the collection "Essays": Based on my dissertation and new research materials. I will introduce different aspects of the philosophy of medicine and I will argue that understanding uncertainty is key in apprehending many issues in medicine. Note: this is a traditional intellectual publisher for French academics to publish in, instead of the usual university press system.

Special Issue Editing

2020. Ferry-Danini, Giroux, "Medical humanism: what lies behind the label?", *Archives de Philosophie,* Tome 84 (4): With papers by Derek Bolton (King's College), Marie Gaille (CNRS), Elodie Giroux (Université Lyon 2), Ines Pietschmann and Marcel Mertz (Hannover Medical School), and Juliette Ferry-Danini.

Works in progress

"What is the problem with the opacity of artificial intelligence in medicine?"

"The struggle of philosophy in French medical schools 1999-2019"

"Understanding ethical and cognitive styles of French physicians prescribing Spasfon" – with Florian Cova (Université de Genève)

Other Works (Chapters, Book Reviews)

Oct. 2021. Ferry-Danini, "De la collecte à la collection : le cas croisé de la collection Dupuytren et de la Société d'anatomie de Paris au XIXe siècle" [From collecting to storing: the case of the Dupuytren Collection and the Parisian Anatomy Society in the 19th century] in *La collection Dupuytren, entre art et science*, directed by Claire Crignon, Julie Cheminaud and Danielle Seilhean, Presses Universitaires de la Sorbonne, Paris.

2020. Ferry-Danini, Giroux, Introduction to "Medical humanism: what lies behind the label?", *Archives de Philosophie,* Tome 84 (4).

2019. Drouet, Ferry-Danini, Paternotte, "Book review: Jacob Stegenga, Medical Nihilism, 2018, Oxford University Press," in *Lato Sensu, Revue de la Société de Philosophie des Sciences*, Vol 6, N°1, pp 15-19.

2017. Ferry-Danini, "Review of the Handbook of Philosophy of Medicine (Springer), Schramme, Edwards" in *Journal of Evaluation in Clinical Practice*, Volume 23, Issue 5, p. 1087-1089.

Other works (Blog Posts, White Papers, Outreach)

June 2020. Ferry-Danini, Lemoine M., Paternotte C., "L'urgence de la pandémie ne justifie pas de s'affranchir des règles en médecine" [Pandemic emergency does not justify ignoring rules in medicine], *The Conversation*.

April 2020. Ferry-Danini, "Petite introduction à l'éthique des essais cliniques. Coronavirus – Réponse au Professeur Raoult" [Short introduction to the ethics of clinical trials. Coronavirus – A reply to Professor Raoult], *Medium*. Views at the end of 2020: 64k.

April 2020. Ferry-Danini, Lepine S., curation of a "Philosophy bibliography on Covid-19", *Medium*. Views: 5,5k.

2018. Ferry, "Douleur" [Pain], in M. Kristanek (dir.), *l'Encyclopédie philosophique.*

Invited talks

2021. "What is the problem with the opacity of artificial intelligence in medicine?" (in French) at the *Congress of the Quebec Philosophy Society* in Sherbrooke, Canada, May 3-7.

2021. "What is the problem with the opacity of artificial intelligence in medicine?", *Between Art and Science Seminar Series in Medical Humanities,* Université Laval and University of Leeds, at the invitation of Pierre-Olivier Méthot.

2021. "What is the problem with the opacity of artificial intelligence in medicine?" at the *Centre for Ethics*, University of Toronto, January 27.

2021. Online discussion with Dr. Kaliane Ung at the *Center for Bioethics and Health Law* at the University of Pittsburgh, "Compassion in the Health Humanities: Hervé Guibert's Compassion Protocol as case study." March 24.

2020. "The struggle of philosophy in French medical schools" at the conference *Philosophy in the medical education* at University King's College, organised by Jonathan Bird and Harriet Fagerberg (online).

2020. "Do we really need more empathy in medicine?" at the University of Geneva at the graduate seminar on emotions "Thumos" organised by Florian Cova (online).

2019. "Do we really need more empathy in medicine?" at Sorbonne Université at the conference *Emotions in The Therapeutic Relationship*, organised by Claire Crignon and Julia Tinland.

2019. "Do we really need more empathy in medicine?" at the Université Clermont Auvergne at the *Philosophy seminar in the hospital*, organised by Samuel Lépine. September 4.

2018. "Imagination in scientific collecting practices: the case of the Dupuytren collection" at the workshop "Sciences, Imagination, Imaginaires," organised by Céline Cherici at Université Jules Verne Picardie.

2018. "Medicine, narration and decisions: a critical appraisal of narrative medicine", two hours lecture at the monthly colloquium for health professionals, medicine professors and doctors in training, Séminaire "Santé, Médecine, Décision" organised at Sorbonne Université by François Athané.

2017. "From storing to collecting. History and epistemology of collecting in anatomy-pathology" with Claire Crignon, at the international conference "Fictions, représentations, témoignages" organised by Alain Schaffner at Université Paris Cité.

2016. "The limits of phenomenology of medicine" at the colloquium organised by the philosophy department at Université Rennes-1.

2015. "The disappproval of the biomedical model in question" at the graduate students seminar "*Philo'Doctes*" at Sorbonne Université.

2014. "Representationalism and the problem of pain" invited by François Athané to present at a workshop on *Pain, emotions and decisions* at Université Paris-Sorbonne.

Talks at conferences with selection committees

2020 (postponed to 2021). "*L'evidence based medicine face à l'inertie de l'ignorance : Le cas du Spasfon, un succès de pharmacie contesté*" [Evidence based medicine and the problem of ignorance's inertia: the case of *Spasfon*, a contested pharmaceutical success] at the Congress of the French Society for the History of Sciences and Technologies in Université de Montpellier.

2020. "Do we need empathy in medicine?" at BSPS (British Society for Philosophy of Science). University of Kent (Cancelled due to Covid-19).

2019. "Do we really need more empathy in medicine?" at BSPS, Durham University (selected, but could not attend).

2018. "Epistemological reflexions on collecting in medicine: What can we learn from the practices of a 19th century Parisian anatomy society?", presented at the SPSP (Society of Philosophy of Science in Practice) Congress in Ghent, Belgium.

2018. French version of this talk at the SPS (French Society of Philosophy of Science) Congress in Nantes.

2018. "Phenomenology in phenomenological approaches to illness: a metaphilosophical conundrum," at the Congress SHESVIE in Lausanne, Switzerland (2018, March).

2018. "*La collection d'anatomie Dupuytren: un objet d'étude pour les humanités médicales* ?" [The Dupuytren anatomy collection: a case study for medical humanities?] with Claire Crignon at the conference *Qui a peur des humanités médicales ?* held at Sorbonne Université in June.

2017. "A response to anti-naturalism in the phenomenology of medicine," at the 2017 Biennale conference of the EPSA (European Philosophy of Science Association*)*, University of Exeter, United Kingdom.

2017. "Toward a dialogue between phenomenology of medicine and naturalism," at the 7th Biennale of the Philosophy of Medicine Roundtable, University of Toronto.

2017. "Lost in translation: The problem of watered-down phenomenology in the philosophy of medicine," at the Postgraduate Medical Humanities Conference, University of Exeter.

2016. "*Explorer les limites de la phénoménologie de la médecine*" [The limits of phenomenology of medicine] at the SPS Congress at University of Lausanne, Switzerland.

2016. "For an outcomes-oriented humanistic medicine," paper presented at the conference *Medical Knowledge in a Social World* at the University of Irvine, United States.

Courses taught and designed

2021. Centre for Ethics at the University of Toronto:
'Bias in medicine: From evidence-based medicine to artificial intelligence'

2019. Université Lyon 1 Claude Bernard, at the Science Department:
'Ethical investigation of sciences: teaching students to investigate scientific practices'

2018-2017. Sorbonne Université, at the Science Department:

'Philosophy of health innovations'

2016-2017. Sorbonne Université, at the Science Department:
'Introduction to philosophy of medicine'

2016-2017. Institut de Psychologie de Boulogne, at the graduate level:
'Introduction to philosophy of medicine and philosophy of biology'

<u>Jointly developed curriculum:</u>

2019. *Université Lyon 1 Claude Bernard*, at the Medical Department
'Introduction to philosophy of medicine and epistemology'
'Reflexions on society and medicine: bias and ignorance in medical sciences'
'Introduction to anthropological investigation and writing'
'Methodology courses in philosophical writing'
'Understanding medical ethics through role playing'

<u>Guest lecturer</u>

2020. Guest lecturer at *Université Lyon 2 Jean Moulin* at the Master level, for philosophy and medicine students as well as health professionals: "The philosophy of Claude Bernard and Georges Canguilhem" (4 hours).

2017 and 2016. Guest lecture at Sorbonne Université in Paris, for 40 health professionals, invited by Corinne Isnard Bagnis at the Medical Faculty: "Questioning the medical humanism trend" (2 hours).

<u>Student supervision</u>

2019. Graduate Student Supervision. Master level dissertation in philosophy: "The ethical implications associated with rare and orphan diseases"

<u>Teaching Certifications</u>

I am certified by the French National Counsel of Universities as qualified to teach philosophy (qualification 17) and philosophy and history of science (qualification 72) at the university level.
Note: these certifications are a prerequisite in order to apply for French permanent teaching positions at the university level. They are awarded after a peer-reviewed process.

<u>Reviewing work</u>

2020. *Philosophiques*, the Journal of the Société Philosophique du Québec (Canada)
2020. *British Journal of Philosophy of Science* (UK)
2020. *Archives de Philosophie* (France)
2019. *Revue des Questions Scientifiques* (Belgium)
2017. For the conference 'Silence and Language' organised by Sorbonne's philosophy graduate organisation *Philo'Doctes*.

<u>Conference organisation</u>

Forthcoming in 2021. International Workshop on the ethics of AI in medicine at the Centre for Ethics at the University of Toronto.

2020. Interdisciplinary reading seminar (law, ethics and philosophy of health) for the graduate students at the Health and Law Institute at the Université de Paris.

2018. International conference 'Who's afraid of medical humanities?'

2017-2018. Workshop series on the philosophy of pathology collection at Sorbonne Université: 'Medical collections & illnesses', 'Art, beauty and anatomic pathology' and 'Collecting human remains: ethical and legal implications.'

2017. International conference together with Sorbonne Université's PhD students' organisation: 'Silence and language'

2017 and 2016. Member of the RDIPS conference organisation committee (International Graduate Conference in The Philosophy of Science funded by the French Society for the Philosophy of Science). In Paris and in Grenoble.

2014-2018. As a member, vice-president and then president of the philosophy PhD students' association at Sorbonne University, I co-organised weekly graduate seminars in philosophy.

Service for the Community

2020. Co-founder of the Feminist Causus ('*Conseil féministe*') of the French Society for Philosophy of Science together with Youna Tonnerre, Julie Jebeille and Ely Mermans.
2020. In charge of the newsletter and Twitter account for the French Society of Philosophy of Science.
2019. In charge of the newsletter and the website of the Centre for Medical Humanities at Sorbonne Université.
2017-2018. In charge of the website for the project PARE's research blog (ISSN 2609-7311).
2014-2018. In charge of the philosophy graduate students organisation's website, Facebook's page and newsletter.

Awards & Honours

2020. Interviewed for a permanent associate professor position at Université de Nantes (3nd position in the final ranking.
2020. Interviewed for a permanent associate professor position at Université de Créteil (6th position in the final ranking.
2020. Selected for PhilinBioMed Summer School in 2020 (Cancelled due to Covid-19).
2019. Sorbonne University Business Foundation Certificate Fellowship at INSEAD, France (8000€).
2016-2018. Elected President of the philosophy PhD students' association at Sorbonne Université.
2014-2016. Elected Member of the philosophy PhD students' association at Sorbonne Université.
2017. EPSA Graduate Student Travel Scholarship (300€).
2016. Travel Scholarship from Sorbonne University to visit Temple University (1500€)
2014. Selected for the Philosophy of Science Summer School organised by the French Society for Analytic Philosophy.
2014. Fully funded three-years PhD fellowship in Université Paris-Sorbonne (2014).
2014. Fully funded three-years PhD fellowship from the University of Kent at Canterbury (2014) (declined).

Interviews in the French Media

2021. *France Info TV*: on the concept of trust and vaccines hesitancy.
2020. *Futura Science*: on the basics of animal ethics.

2020. *Infirmière Magazine*: on the concept of clinical equipoise.
2020. *Journal de l'Ingénieur*: on the ethics of clinical trials and covid-19.
Marianne: about my dissertation and empathy in medicine.
Futura Science: about research ethics.
Radio Suisse: about research ethics and the Raoult controversy.
2018. *Le Figaro TV*: about ethics and homeopathic medicine.
Slate: about ethics and homeopathic medicine.

Interviews in Podcasts:

2020. 'Futurama Science Live' on the philosophy of trust, expertise and Covid-19.
2020. 'Cosciences' podcast about the ethics of clinical trials.
2020. Pop culture podcast 'Bolchegeek' about the philosophy of empathy.
2020. Science podcast 'Probablement' by Science4all about my dissertation.
2018. Philosophy podcast 'Bioviews' about my paper "Should the phenomenological approaches to illness really be wary of naturalism?" (*Studies in History and Philosophy of Science Part C).*

Professional memberships

Member of the French Society for Philosophy of Science (2014-2020).
Member of the French Society for the History of Science and Techniques (2018-2020).
Member of the European Society for Philosophy of Science (2016-2018).

References

Daniel Andler
Emeritus Professor, Sorbonne Université, Paris, France, daniel.andler@ens.fr

Miriam Solomon
Professor, Temple University, Philadelphia, United-States, msolomon@temple.edu

Maël Lemoine
Professor, Université de Bordeaux, Bordeaux, France, mael.lemoine@u-bordeaux.fr