

Séverine Louvel

Associate professor in sociology at the **Université Grenoble Alpes (Sciences Po Grenoble and PACTE laboratory)**

severine.louvel@iepg.fr

My main areas of expertise cover the **sociology of scientific professions and the study of science policy in bio- and environmental sciences, in France and the US**. My current work focuses on the epistemic cultures and experimental designs of environmental epigenetics as a window into the development of new science areas with high scientific and social expectations.

Current research projects:

- Between uncertainties and promises: the experimental designs of epigenetic epidemiology
- Epigenetics and social sciences: a critical review (with M. Dubois and C. Guaspere)
- Science for policy and the politics of knowledge: the emergence of toxico-epigenetics (with P. Allard)
- Mapping epigenetics (with M. Dubois and P. Allard)

University education and academic positions

- **2015-2017**: Visiting Associate Researcher of Sociology at UCLA (Institute for Society and Genetics) and member of Epidapo lab (“Epigenetics, Data, Politics”, UMI CNRS/UCLA)
- **2007 to present**: Associate Professor in sociology at the Université Grenoble Alpes (Sciences Po Grenoble and PACTE laboratory, UMR 5194 - CNRS and University of Grenoble Alpes)
- **2005-2007**: lecturer and post-doctoral researcher, university of Grenoble and Paris-Est University
- **2001-2005**: PhD candidate in sociology, CRISTO lab, university of Grenoble
- **1997-2001**: student at the Ecole Nationale Supérieure de Cachan, Social Science Department.

Current research support

- **2014-2017**. Investigator, grant by the French National Research Agency: “Democrasci: Epistemological foundations and principles for the democratization of the governance of science” (PI: S. Rupy)

Past research support (selected)

- **2014-2016**. Investigator, seed grant by the University of Grenoble Alpes: “politics of anticipation: a sociological approach to eco-climatic scenarios” (PI: C. Granjou)
- **2010-2014**. Principal Investigator, grant by the French National Funding Agency. “Hybridtrajectories: Professional trajectories in hybridizing regimes: the case of nanotechnology (ANR-10-BLAN-1811).
- **2009-2013**. Investigator, grant by the French National Funding Agency. “Nanoexpectations: building anticipations and markets: the case of nanotechnology” (PI C. Genet).

Editorial activities

- **2013 to present**: member of the editorial board of *Quaderni – communication, technologies, pouvoir* -. Peer-reviewed journal.
- **2016 to present**: member of the editorial board of *Zilsel*. Peer-reviewed journal in science studies.

Co-supervision of doctoral students

- **2014 to present:** A. Dolez, PhD student in the sociology of science, University of Grenoble Alpes. "Sociology of modelisation practices biodiversity sciences". Co-supervisor: Pr. C. Granjou.
- **2015 to present:** R. Fine, PhD student in the philosophy of science, University of Grenoble Alpes. "The democratization of science policy decision-making processes". Co-supervisor: Pr. S. Rupy.

Publications (selected)

- **Book**

Louvel, S. 2011 *Des patrons aux managers: les laboratoires de la recherche publique depuis les années 1970*. Rennes : Presses Universitaires de Rennes, Collection Res Publica

- **Editorship of special issues in peer-reviewed journals**

- « From social raw matter to the production of stabilized collectives: bio-institutions as a social lab for testing institutional arrangements ». *Science, Technology and Society Mars 2013*, 18(1). with C. Granjou and V. Tournay

- « L'évaluation de la recherche : pour une réouverture des controverses ». *Quaderni*, Numéro 77, hiver 2012

- **Peer-reviewed journal articles**

Louvel, S. and Hubert, M. 2016 « L'usage des exemples étrangers dans les politiques de financement de la recherche. Les nanosciences et nanotechnologies en France » *Revue française de sociologie*, 57(3), p. 473-501.

Louvel, S. 2015 « Ce que l'interdisciplinarité fait aux disciplines : une enquête sur la nanomédecine en France et en Californie. » *Revue Française de Sociologie* 56(1), p. 69-97.

Louvel, S. and A. Valette 2014 « Les carrières à l'université. Une approche par les modes d'engagement dans la promotion » *Revue d'anthropologie des connaissances*, 8(3), p. 523-546.

Louvel, S. 2013 "Understanding change in higher education as bricolage. How academics engage in curriculum change" *Higher education*. 66(6), p. 669-91.

Hubert, M. and **Louvel, S.** 2012 « Le financement sur projet: quelles conséquences sur le travail des chercheurs ? » *Mouvements* 71(3), p. 13-24

Louvel, S. 2012 « Réinterroger l'évaluation comme technologie de « pilotage à distance » du secteur public : l'exemple de la recherche. » *Quaderni* 77 (Hiver 2011-2012), p. 5-9.

Louvel, S. 2012 "The 'industrialisation' of doctoral training? A study of the experiences of doctoral students and supervisors in the French life sciences". *Science and Technology Studies*, volume 25/2, p. 23-45.

Dany, F., **Louvel, S.** and Valette, A. 2011 "Academic Careers: The limits of the "boundaryless approach" and the power of promotion scripts" *Human Relations*, volume 64, numéro 7, pp. 971-996.

Louvel, S. and Lange, S. 2010 « L'évaluation de la recherche : l'exemple de trois pays européens ». *Sciences de la société*, volume 79, pp. 11-26.

- **Book chapters**

Louvel, S. 2016 Going Interdisciplinary in French and US Universities: Organizational Change and University Policies, in Elizabeth Popp Berman, Catherine Paradeise (eds) *The University Under Pressure (Research in the Sociology of Organizations, Volume 46)* Emerald Group Publishing Limited., pp.329 – 359.

Granjou, Céline, **S. Louvel**, and I. Arpin. 2015 « Des promesses scientifiques aux engagements épistémiques. Le cas de la nanomédecine et des sciences de la biodiversité. » in *Sciences et technologies émergentes : pourquoi tant de promesses ?*, Audétat, M. (ed) Paris : Hermann, pp. 211-226.

Louvel, S. 2014 « Forces de rappel disciplinaires et soutien à l'interdisciplinarité dans les « sciences stratégiques » : l'exemple de la nanomédecine. » in *Transformations des disciplines académiques : entre innovation et résistance*, A. Gorga and J.-P. Leresche (eds): Editions des archives contemporaines.

Louvel, S. 2010 "Changing authority relations within French academic research units since the 1960s: from patronage to partnership" in **Whitley, R., Gläser, J. and Engwall (eds)** *Reconfiguring Knowledge Production: Changing Authority Relations in the Sciences and Their Consequences for Intellectual Innovation*. Oxford: Oxford University Press, pp. 184-210.