

Federica Coppola, PhD
511 Fayerweather Hall
1180 Amsterdam Avenue
Columbia University in the City of New York (NY)
Phone: +1 917-539-4425
E-Mail: fc2575@columbia.edu

Current Academic Positions

Lecturer in Criminal Law and Neuroscience
Columbia Law School

September 2018 - Present

Seminar:
[Criminal Law and Neuroscience](#)

Postdoctoral Research Scholar
Robert A. Burt Presidential Scholar in Society and Neuroscience
The Center for Science and Society
Columbia University in the City of New York

July 2017- June 2020

Research project:
«Reinventing Criminal Justice with Social and Affective Neuroscience: A Study on the Implications of an Emotion-oriented Theory of Culpability for Adjudication and Punishment»

Mentors:
Prof. Jeffrey Fagan—Columbia Law School
Prof. Paul Appelbaum—Columbia University Dept. of Psychiatry
Prof. Geraldine Downey—Columbia University Dept. of Psychology

Higher Education

PhD in Law – European University Institute (EUI), Florence (I)

September 2013 – June 2017
Degree Awarded on June 15, 2017

Thesis (authored in English – Recommended for publication)
«The Moral Brain and the Guilty Mind: Towards an Emotion-oriented Theory of Culpability informed by the Neuroscience of Moral Decision-Making and Antisocial Behavior»

- Full knowledge of the debate over the relationship between law and neuroscience
- Critical understanding of cognitive and affective neuroscience, moral neuroscience, and neurocriminology applied to criminal law

- Comparison of the impact of neuroscientific theories on the Italian, European, and US criminal law systems

Examining Board:

Prof. Dennis M. Patterson (EUI supervisor)

Prof. Stephen J. Morse (University of Pennsylvania Law School)

Prof. David Roef (Maastricht University Law School)

Prof. Lisa Claydon (The Open West University)

LLM in International, Comparative, and European Laws – European University Institute, Florence

September 2013- July 2014

Thesis (authored in English)

«Rethinking the ‘culpable agent’: Neuroscience, decision-making, and capacities for criminal responsibility»

Examining Board:

Prof. Dennis Patterson (EUI supervisor)

Prof. Giovanni Sartor (EUI)

Prof. Nehal Bhuta (EUI)

Neuroscience Boot Camp – Center for Neuroscience & Society, University of Pennsylvania, Philadelphia (USA)

July 28 – August 7 2014

Selected Participant with Grant

Specialization in Legal Psychology – Istituto di Psicologia Giuridica, Napoli (I)

October 2011 – October 2012

Full marks 30/30

Law Degree (J.D. eq.) - University of Bologna Law School

September 2005 – July 2010- 5 academic years, 300 ECTS

GPA: 29.5/30 (4.00 eq.)

Final Grade: 110/110 *Summa cum Laude*

Final Dissertation in *Criminal Law; Logic and Legal Reasoning*

« The Beyond Any Reasonable Doubt (BARD) Rule »

-The thesis carried on a detailed analysis of the “Beyond Any Reasonable Doubt” standard– *in particular when related to scientific evidence* - in criminal proceedings, along with a comparative study of the most relevant Italian and US case law.

Research and Academic Activity

Current Research Projects

- **Reinventing Criminal Justice with Social and Affective Neuroscience (The Center for Science and Society, Columbia University)**

July 2017- present

A study on the implications of the neuroscience of emotions and social behavior for conventional punitive models in the United States, with a focus on restorative justice.

- **From the Inside Out – Law and Neuroscience Project (in collaboration with the Center for Justice at Columbia University)**

September 2018- present

An interdisciplinary project on the impact of dehumanizing language on punitive attitudes.

Visiting Scholar - University of Pennsylvania Law School, Philadelphia (USA)

January – June 2016

Faculty sponsor: Prof. Stephen J. Morse

Visiting Scholar – Penn Center for Neuroscience and Society (CNS) - Philadelphia (USA)

March – June 2016

Head of Section for Comparative Law – European Journal of Legal Studies (EJLS)

May 2016 – June 2017

Editor – European Journal of Legal Studies (EJLS)

October 2015 – June 2017

Areas of Expertise: Comparative Criminal Law; Criminal Procedure; Evidence Law; Penology; Law and Criminology; Law and Neuroscience; Legal Psychology.

Research Assistant to Prof. Dennis Patterson – European University Institute, Florence

June 2015 – January 2016

Fellow - European Centre for Law, Science, and New Technologies (University of Pavia, I)

April 2012 – June 2017

Area of research: Law and Neuroscience

Research projects at ECLT

- ***Neuro&Law ALST Archive Project (Multilingual Archive on the Law of Science and New Technologies)*** promoted by European Centre for Law, Science and New Technologies (ECLT).
- ***Innovating Legal Practice and Education***, funded by CARIPLO Foundation, and promoted by Vermont Law School in the person of prof. Oliver Goodenough, in cooperation with European

Centre for Law, Science and New Technologies, University of Pavia, in the person of prof. Amedeo Santosuosso.

Scientific Secretariat - 2013 Young Scholars' Informal Symposium, University of Pavia (Italy)
June 18-19, 2013

Teaching Experience (in English)

Certificate in Teaching in Higher Education – European University Institute
Obtained in October 2015

Lecturer in Law – Columbia Law School
Present

- Seminar: Criminal Law and Neuroscience

Lecturer in Criminology- University of Passau Law School - Germany
Winter Term 2016-2017

Lecturer at EANL Law, Cognitive Neuroscience, and New Technologies Summer School 2016, University of Pavia, Italy

- “*Emotions, Criminal Law, and the Shift of the Rationalist Approach to Culpability*” - Lecture by Federica Coppola (EUI, Florence, I);
- “*Criminal Responsibility in Civil Law and Common Law Systems: Netherlands, Italy, the US*” - Lecture by Federica Coppola (EUI, Florence, I- on Criminal responsibility in Italy and the USA), Katy deKogel, David Roef (Maastricht University Law School - on Criminal responsibility in the Netherlands);
- *Italian and US Neurocase Law* – Lecture by Federica Coppola (EUI, Florence, I: on US case law), Maria Laura Fiorina (University of Pavia: on Italian case law)
- “*Law for non-lawyers*” – Lecture by Federica Coppola (EUI, Florence, I), Maria Laura Fiorina (University of Pavia, I);

Lecturer at Law and Neuroscience Winter School 2015, University of Pavia, Italy

- “*Law for non-lawyers*” – Lecture by Federica Coppola (EUI, Florence, I), Maria Laura Fiorina (University of Pavia, I);
- “*Neuroscience in Criminal Law*” - Lecture by Federica Coppola (EUI, Florence, I), Gabriella Bottini (University of Pavia, I);
- “*Criminal Responsibility in Civil Law and Common Law Systems*” - Lecture by Federica Coppola (EUI, Florence, I), Maria Laura Fiorina (University of Pavia, I), Lisa Claydon (University of West England, UK)

Lecturer at Law and Neuroscience Winter School 2014, University of Pavia, Italy

- “Law for non-lawyers” – Lecture by Federica Coppola (EUI, Florence, I), Maria Laura Fiorina (University of Pavia, I);
- “Criminal Law vs Neuroscience?” - Legal Lab by Federica Coppola (EUI, Florence, I), Maria Laura Fiorina (University of Pavia, I);
- “Italian and US Neuro-Case Law” – Legal Lab by Federica Coppola (EUI, Florence, I), Amedeo Santosuosso (University of Pavia, I), Gabriella Bottini (University of Pavia, I)

Lecturer at Law and Neuroscience Winter School 2013, University of Pavia, Italy

- “Serventi Case. Court of Cremona, Italy” – Legal Lab by Federica Coppola (ECLT, University of Pavia, I)
- “Italian and US Neuro-Case Law” – Lecture by Federica Coppola (ECLT, University of Pavia, I), Oliver Goodenough (Vermont Law School, Berkman Centre for Internet and Society, Harvard Law School, USA), Gabriella Bottini (University of Pavia, I)

Publications

- Coppola F. (2015), *A la recherche de la culpabilité perdue. Les neurosciences et le droit pénal italien*, in Droit Pénal et Nouvelles Technologies, Céré J.P., Rescaragnères J., Vergès E. (eds.), L’Harmattan, Paris, 61-77.
- Coppola F. (2015), *Innovating witness testimony with neuroscience-based lie detection: A hypothetical normative framework*, in The Challenge of Innovation in Law: The Impact of Science and Technology on Legal Studies and Practice, Santosuosso A., Goodenough O., Tomasi M. (eds.), Pavia: Pavia University Press, 145 -166.
- Coppola F. (2016), *Neuroscienze, diritto, individuo*, in Santosuosso A., Diritto, Scienza, Nuove Tecnologie 2nd Ed., CEDAM, 213-258.
- Coppola F. (2018). *Mapping the Brain to Predict Antisocial Behavior: New Frontiers in Neurocriminology*, ‘New’ Challenges for Criminal Justice, 1(1) UCL Journal of Law and Jurisprudence - Special Issue, 102-125.
- Coppola F. (2018). *Motus Animi in Mente Insana: An Emotion-oriented Paradigm of Legal Insanity Informed by the Neuroscience of Moral Decision-Making*, The Journal of Criminal Law and Criminology, Vol. 109 Issue 1.
- Coppola F. (2018). *Valuing Emotions in Punishment: An Argument for Social Rehabilitation with the Aid of Social and Affective Neuroscience*, Neuroethics, Springer, DOI: 10.1007/s12152-018-9393-4.
- Coppola F. et al. (*in progress*), *The Influence of Neuroscientific Evidence on the Adjudication of Criminal Responsibility of Psychopathic Defendants in Manslaughter Cases*
- Coppola F. (*in progress*), *Humanizing Crime in a World of Punishment: Why Restorative Justice Should Matter to Criminal Justice*
- Coppola F. (*in progress*), *Neuroscience Has a Say in Punishment, Not in Responsibility: The Case of Solitary Confinement in the United States*
- Coppola F. (*in progress*), *‘A Change is Gonna Come’: Neuroprediction of Antisocial Behavior and the Narrative of Brain Plasticity*

Presentations and Guest Lectures

- “Multilingualism, Law, and Technology” (Poster presentation) – 3rd meeting of the European Association for Neuroscience and Law, University of Bonn Law School, Germany - September 20-12, 2013
- “*Cerebrum Reum*: A Neurolegal Theory of Intent (*Dolus*)” – Yale Law School 5th Doctoral Scholarship Conference, December 4-5, 2015
- “Rethinking the Culpable Agent: Emotions, Antisocial Brains, and the Legally Relevant Mind” – University of Michigan Law School 2016 Young Scholars’ Conference “Law on the Move”, April 8-9, 2016
- “Mapping Antisocial Brains to Predict Criminal Behavior: New Frontiers in Neurocriminology, New Challenges for the Law” – University College of London Postgraduate Conference “The art of balancing: The role of law in reconciling competing interests”, March 30-31, 2017
- “Reconceiving Emotions in Punishment: A Proposal for a Socio-Rehabilitative Correctional Model with the Aid of Social and Affective Neuroscience” – Neuroscience and Society Conference, University of Sydney Law School, September 14-15, 2017
- “Emotions, Criminal Brains, and the Guilty Mind” – Columbia Neuroscience Society Talk Series, Columbia University, September 28, 2017
- “The Madness of Moral Emotions: A Novel Paradigm of Legal Insanity informed by the Neuroscience of Moral Decision-making and Antisocial Behavior” – Law and Mind Conference, Jagellonian University, Kraków, November 24-25, 2017
- “Bringing (the Right) Feelings Back: Culpability, Punishment, and Violence in the Era of Social and Affective Neuroscience” – Law, Rationality and Cognitive Science Conference, Maastricht University Law School, Maastricht, April 5-6, 2018
- “Emotions and Legal Insanity” — Guest Lecture at Neuroscience, Ethics and Law Course (Instructor: Prof. Kimberly Noble), Columbia University Teachers College, October 11, 2018
- “Emotions and Crime Desistance: A Neuroscience-based Argument for Integrating Restorative Justice within Conventional Punitive Models” – Restorative Justice Conference “Restorative Approach and Social Innovation: From Theoretical Grounds to Sustainable Practices”, University of Padova, November 7-8, 2018
- “Insanity, Culpability, and the Neuroscience of Emotions”, Guest Lecture at Law and Neuroscience Course (Instructor: Prof. Dennis Patterson), Rutgers Law School, November 20, 2018
- “Humanizing Crime: The Future of Neuroscience in Punishment”, 1st Meeting of the Law and Cognitive Science Research Network, Maastricht Law School, December 3, 2018
- “Emotions and Punishment: Incorporating Restorative Justice Within Conventional Punitive Models through Social and Affective Neuroscience”, Poster selected for presentation at Columbia University Postdoctoral Annual Symposium 2018, December 4, 2018
- “Humanizing Crime in a World of Punishment: The Contribution of Neuroscience to Restorative Justice”, Presidential Scholars in Society and Neuroscience Symposium, Columbia University, February 13, 2019

Organized events

- [“Responsibility, Punishment and Psychopathy: At the Crossroads of Law, Neurocriminology and Philosophy”](#) – PSSN Public Seminar, Columbia University, April 9, 2018

- “[Evaluating Chronic Pain in Neuroscience, Ethics, and Law](#)” – PSSN Public Seminar, Columbia University, October 29, 2018
- “[Promises and Perils of Neuroprediction of Future Behavior](#)” – PSSN Public Seminar, Columbia University, April 16, 2019 (forthcoming)

Organizations

- Co-Director of the Research Network on Law and the Cognitive Sciences (LACS: <http://www.lacs.academy>)
- Member of the EUI Alumni Association
- Member of the European Association for Neuroscience and Law (EANL)
- Member of the National Postdoc Association (NPA)

Professional Experience

Bar Exam: Passed

Admitted to the Italian Bar Association as “Avvocato” (Licensed Lawyer)

Criminal law practice

October 2010 – December 2012

Seminal work experience that let me deal with complex legal issues in the field of criminal law. I learned how to develop a defence strategy in criminal proceedings, carry out cross-examinations, and write legal opinions, writs, and notices of appeal. I particularly dealt with crimes against the person and against public administration.

Tutor in Criminal Law and Criminal Procedure - Accademia Lex Iuris, Bologna (Italy)

July 2017- January 2018

I tutored and prepared several candidates for the oral part of the Italian Bar Exam.

Skills

Language

Italian – Native
 English – C1/C2
 Spanish – B1/B2
 French - B1