

5035 N 17th Ave  
Unit #106  
Phoenix (AZ) 85015 (USA)  
+1 602 703 8484

**Federica  
Turriziani Colonna**

[federicacolonna1@yahoo.it](mailto:federicacolonna1@yahoo.it)  
[federicacolonna1@gmail.com](mailto:federicacolonna1@gmail.com)  
[fturrizi@asu.edu](mailto:fturrizi@asu.edu)

## Education

### **Ph.D. in History and Philosophy of Science** (expected May 2018)

[Center for Biology and Society](#), Arizona State University (supervisors: Jane Maienschein, Manfred Laubichler)

### **M.A. in Philosophy of Science** (2012)

[Sapienza University of Rome](#), final grade: 110/110 (supervisor: Elena Gagliasso)  
Relevant courses: developmental genetics and history of biology

### **M.S. in Science Communication** (2012)

[Ecole Normale Supérieure de Cachan](#), final grade: Bien (supervisor: Jean-François Ternay)

### **B.A. in Philosophy** (2010)

Sapienza University of Rome, grade 110/110 with honors (supervisor: Elena Gagliasso)  
Relevant courses: neurobiology and history of biology

## Awards

- *Graduate Training RTI Award*, Arizona State University, 2015 (\$2,500).
- *CLAS Graduate Excellence Award*, Arizona State University, 2015 (\$250).
- *Visiting Fellowship*, Institute for Oceanography and Experimental Geophysics ([OGS](#)), 2015.
- *Visiting Fellowship*, Konrad Lorenz Institute ([KLI](#)), 2014 (approximately \$1,500).
- *Research Award*, Manfred Laubichler, 2014 (\$300).
- *Graduate Fieldwork RTI Award*, Arizona State University, 2014 (\$1,500).
- *CLAS Graduate Excellence Award*, Arizona State University, 2014 (\$250).
- *Premio Laurea award*, Laziodisu, 2014 (approximately \$1,500).
- *Premio Laurea award*, Laziodisu, 2013 (approximately \$2,000).
- *Selection Internationale scholarship*, ENS Cachan, 2011-2013 (approximately \$13,000).
- *Borsa di Studio scholarship*, Laziodisu, 2009-2012 (approximately \$5,000/year).

## Publications and Conferences

### Books

- 2013: [L'Eterocronia Creatrice. Temporalità ed Evoluzione in Stephen J. Gould](#) [Formative Heterochrony. Evolution and Timing in Stephen J. Gould] (eds. A. Cavazzini, A. Gualandi, M. Turchetto, F. Turriziani Colonna). Unicopli: Milano.
- 2011: [Alle Origini delle Specie: Embrioni \(E Uova\)](#) [On the Origin of Species: Embryos (And Eggs)]. Mimesis: Milano.

### Book Chapters

- 2013: "Storia di una &" [The History of a &]. *L'Eterocronia Creatrice* (eds. A. Cavazzini, A. Gualandi, M. Turchetto, F. Turriziani Colonna). Unicopli: Milano.
- 2013: "A partire da De Beer..." [To Begin with De Beer...]. *L'Eterocronia Creatrice* (eds. A. Cavazzini, A. Gualandi, M. Turchetto, F. Turriziani Colonna). Unicopli: Milano.
- 2012: "Ontogeny & Phylogeny. Ovvero lo strano caso di un libro fuori moda" [Ontogeny & Phylogeny. The weird case of a non-fashionable book]. [Grazie Brontosaurus](#), (eds. F. Civile, B. Danesi, A.M. Rossi). Edizioni ETS: Pisa.
- 2009: "Antiche (e bizzarre) formulazioni della teoria evuzionistica. Antologia ragionata" [Ancient (and bizarre) evolutionary ideas. An anthology]. *Il Nostro Darwin*, (ed. F. D'Alpa). Polistampa: Firenze.

### Encyclopedia Articles, peer-reviewed

- 2015: "Barbara McClintock's Experiments on Maize (1945-1951)", *Embryo Project Encyclopedia* (forthcoming)
- 2015: "*De ovi mammalium et de hominis genesi* (1827), by Karl Ernst von Baer", *Embryo Project Encyclopedia* (forthcoming)
- 2015: "[The Inheritance of the Acquired Characteristics \(1924\), by Paul Kammerer](#)", *Embryo Project Encyclopedia*
- 2015: "[Paul Kammerer's experiments on sea-squirts in the early twentieth century](#)", *Embryo Project Encyclopedia*
- 2015: "[Paul Kammerer early twentieth century experiments on salamanders](#)", *Embryo Project Encyclopedia*
- 2015: "[Paul Kammerer's early twentieth century experiments on the midwife toad](#)", *Embryo Project Encyclopedia*
- 2014: "[Paul Kammerer \(1880-1926\)](#)", *Embryo Project Encyclopedia*
- 2014: "[Stazione Zoologica Anton Dohrn in Naples, Italy \(Anton Dohrn Zoological Station\)](#)", *Embryo Project Encyclopedia*
- 2014: "[Barbara McClintock \(1902-1992\)](#)", *Embryo Project Encyclopedia*
- 2014: "[The Origin and Behavior of Mutable Loci in Maize](#)" (1950), by Barbara McClintock", *Embryo Project Encyclopedia*

### Articles in peer-reviewed journals

- 2015: "Intersezioni fra biologia dello sviluppo ed ecosistemica. Nuove prospettive per l'evoluzione" [Developmental biology intersects ecosystemics. A new evolutionary perspective], *Paradigmi* (co-authored with G. Rispoli, forthcoming)
- 2012: "On the convergence of ontogeny and phylogeny into the Evo-Devo Theory", *Studies in the History of Biology*
- 2012: "Lo spazio nei corpi. La topologia corporea fra unità di piano, omeogeni e zootipo" [Bodies and space. Bodyplan, homeogenes, and zotypes], *Post*
- 2009: "[Un accidente evolutivo](#)" [An evolutionary accident], *Pikaia.eu – Il portale dell'evoluzione* (ed. T. Pievani)

### Book Reviews in peer-reviewed journals

- 2013: of the book *Seneca e le scienze naturali* [Seneca and Natural Sciences], *British Journal for the History of Science*
- 2013: "Between epigenetic research and political commitment: Marcello Buiatti's portrait", *Studies in the History of Biology*
- 2013: "Trying to Understand History. Stephen Jay Gould: an Intellectual Biography", *Studies in the History of Biology*

### Articles in magazines

- 2011: "Le tappe della nostra storia" [Stages of our history] (co-authored with B. Trombetta), *Darwin*
- 2011: "Un rapporto altalenante: gli embriologi e Darwin" [The unstable relationship between Darwin and embryologists], *Naturalmente*
- 2010: "Alle origini della vita individuale: l'impulso formativo" [In the beginning of individual life: the formative pulse], *Naturalmente*
- 2010: "Harvey: una rivoluzione in fisiologia" [Harvey: the physiological revolution], *Naturalmente*

- 2010: "Entropia, evoluzione e immagine della scienza in Prigogine" [Entropy, evolution, and the idea of science in Prigogine], *L'ateo*
- 2010: "La figura di Ipazia nella riflessione di Toland" [Toland's Hypatia], *L'ateo*

### Conference Talks

- 2014: (Talk) "[Shedding Light on the Zoological Station in Trieste](#)", *KLI Colloquia*. Klosterneuburg, Austria.
- 2013: (Talk) "Evoluzione & Sviluppo. Presentazione di *Ontogenesi & Filogenesi* di S.J. Gould" [Evolution and Development. Presentation of S.J. Gould's book *Ontogenesi & Filogenesi*], *Darwin Day*. Ancona, Italy.
- 2013: (Chair) "Orgasmo e Pregiudizio" [Orgasm and Prejudice], *Darwin Day*. Rome, Italy.
- 2012: (Talk) "Round Table on Translation into Italian of *Ontogeny & Phylogeny*", [S.J. Gould's Legacy](#). Venice, Italy.
- 2012: (Chair) "Presentazione de *La vita inaspettata* di T. Pievani" [Presentation of T. Pievani's Book *La Unexpected Life*], *Darwin Day*. Rome, Italy.
- 2009: (Organization) "Darwin Day 2009" (guests speakers M. Buiatti, E. Gagliasso, O. Rickards, M. Vannini). Frosinone, Italy.

### Seminars and Lectures

- 2014: "Web-coding for the *Embryo Project Encyclopedia*", Chair of *Embryo Project Editing Seminar*, Profs. J. Maienschein and S. Elliott. Arizona State University.
- 2014: "Evolutionary Embryology", Chair of *History of Biology*, Prof. M. Chew. Arizona State University.
- 2014: "La storia dell'embriologia in una prospettiva evoluzionistica" [The History of Embryology from an Evolutionary Perspective], Chair of *History of Biology*, Prof. B. Fantini. Sapienza University of Rome.
- 2014: "Morphology and Experimentation in the 1890s", Chair of *History of Biology*, Prof. M. Chew. Arizona State University.
- 2013: "Evoluzione e Sviluppo. Stephen Jay Gould, *Ontogenesi e Filogenesi*" [Evolution and Development. S.J. Gould's *Ontogeny and Phylogeny*], Chair of *History of Biology*, Prof. B. Fantini. Prof. Bernardino Fantini, Sapienza University of Rome.
- 2012: "Ontogeny & Phylogeny: il silenzioso esordio di S.J. Gould" [Ontogeny & Phylogeny: S.J. Gould's Debut], Chair of *Epistemology of Social Sciences*, Prof. M. Turchetto. University of Venice "Ca' Foscari".
- 2010: "Epigenesi, Bildungstrieb, Epigenetica. Alternative al meccanicismo" [Epigenesis, Bildungstrieb, and Epigenetics. Contrasting Mechanism], Chair of *History of Biological Ideas*, Prof. N. Allocca. Sapienza University of Rome.
- 2010: "Emozioni, comportamenti, riflessi. Da Darwin all'etologia" [Emotions, Behavior, and Reflex. From Darwin to Ethology], Chair of *History of Biological Ideas*, Prof. N. Allocca. Sapienza University of Rome.
- 2009: "[William Harvey. Una rivoluzione in fisiologia](#)" [William Harvey's Revolutionary Physiology], Chair of *History of Biological Ideas*, Prof. N. Allocca. Sapienza University of Rome.

### Translations

- 2014: (L. Laplane author), *Cellules Souches Cancéreuses* → *Cancer Stem Cells*. Harvard University Press: Boston (French into English. Chapters 1-4)
- 2013: (M. Raymond author), *Pourquoi je n'ai pas inventé la roue* → [Il topo che amava I gatti](#). Bollati Boringhieri: Torino (French into Italian)
- 2013: (S.J. Gould author), *Ontogeny and Phylogeny* → [Ontogenesi e Filogenesi](#). Mimesis: Milano (English into Italian. Chapters 1-3 and 6)

- 2012: (P.B. Shelley author), *The necessity of the atheism* → [La necessità dell'ateismo](#). Nessun Dogma: Roma (English into Italian)
- 2011: (K.E. von Baer author), *De ovi mammalium et de hominis genesi* → (title not changed). Mimesis: Milano (Latin into Italian)
- 2010: (J. Toland author), *Hypatia* → [Ipazia](#). Clinamen: Firenze (English into Italian)
- 2010: (CLAV author), *Laïcité état d'alerte* → [Laicità stato d'allerta](#) (TV documentary). UAAR: Rome (French, English, and Spanish into Italian)

## Professional Experiences and Services

### Teaching Experience

- Research assistantship (Spring 2015): *Embryo Project*, Dr. Maienschein, ASU
- Teaching assistantship (Fall 2014): *Fire*, Dr. Pyne, ASU
- Teaching assistantship (Spring 2014): *History of Biology*, Dr. Chew, ASU
- Teaching assistantship (Fall, 2013): *Biology & Society*, Dr. Laubichler and Dr. Hall, ASU
- Tutoring: Philosophy (Rome, 2009-2011, and Paris, 2012)
- Tutoring: Latin (Rome, 2009-2011)
- Tutoring: Italian as foreign language (Frosinone, 2010)

### Positions in journals, magazines, and encyclopedias

- Managing Editor for the [Embryo Project Encyclopedia](#) (2014-)
- Participation on the Editorial Board of the magazine *L'ateo* (2008-2013)
- Writing Contributor for the magazine *Naturalmente* (2010-2013)
- Participation on the Editorial Board of the journal *Post.it* (2012-2014)

### Research Assistantship

- "L'imagerie de l'AND" [Imageries on the DNA], (2010-2011): in charge of collecting and reviewing thousands magazines' articles dealing with genetics, to assess how journalists talk about DNA to lay audiences. (Project director: Dr. E. Coco, EHESS, Paris; European grant "[Marie Curie Fellowship](#)")

### Peer-Reviewing

- Grant proposals for [GISER](#), Arizona State University (May 2014)
- Journal article for *Mateus DOC* (March 2014).

### Administrative Experience

- In the administrative office (SOiT) of the School of Philosophy, Sapienza University of Rome (2011)

## Language Skills

**Italian:** native speaker

**English:** reading, listening, speaking, and writing: excellent. TOEFL test

**French:** reading, listening, speaking, and writing: excellent

**German:** reading: fair

**Spanish:** listening, reading: fair

**Latin:** reading: excellent

**Ancient Greek:** reading: fair

## Others

### Certifications

- **GRE** October 2012
- **TOEFL** October 2012

### Computer Skills

- **HTML**
- **Windows Office**
- **iWork**
- **PhotoShop**

### Sports

- Athletics (2002-2006)
- Swimming (1997-2000)
- Gymnastic (1994-1996)