

## CURRICULUM VITAE

### INFORMAZIONI PERSONALI

Nome Davide Ponzi,  
Indirizzo Strada chiesa di Vigatto, Vigatto, Parma  
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Nazionalità Italiana  
Data di nascita 08/01/1977

### ESPERIENZA LAVORATIVA

2022-presente Professore Associato per il settore concorsuale 05/F1 presso il Dipartimento Di Medicina e Chirurgia dell'Università degli Studi di Parma  
  
2019-2022 Ricercatore a tempo determinato di Tipo B, per il settore concorsuale 05/F1 presso il Dipartimento Di Medicina e Chirurgia dell'Università degli Studi di Parma  
  
2017-2019 Assistant Professor (Tenure Track) presso la Oklahoma State University, Stillwater, OK (USA)  
  
2015-2017 Adjunct Professor, Dipartimento di Antropologia presso la University of Utah, Salt Lake City (USA)  
  
2013-2014 Postdoctoral scholar, Institute for Mind and Biology, University of Chicago, Chicago, IL (USA)  
  
2012-2013 Visiting Assistant Professor, Saint Lawrence University, Canton, NY (USA)  
  
2005-2011 Research and Teaching Assistant, University of Missouri, Columbia, MO (USA)

### ISTRUZIONE E FORMAZIONE

2020 Abilitazione Scientifica Nazionale alle funzioni di professore di II fascia presso il SSD 05/F1, Biologia Applicata  
Abilitazione Scientifica Nazionale alle funzioni di professore di II fascia presso il SSD 11/E1, Psicologia Generale, Psicobiologia e Psicometria  
  
2004-2008 Dottorato di ricerca in Biologia del Comportamento conseguito presso l'Università degli Studi di Parma  
  
2002-2003 Studente Erasmus presso il German Primate Center, Goettingen, (Germania)  
  
2003 Laurea in Scienze Biologiche presso l'Università degli Studi di Parma

### ESPERIENZA DIDATTICA

2019-presente Insegnamento dei corsi di biologia applicata per i corsi di laurea in odontoiatria, scienze motorie e per le professioni sanitarie presso il Dipartimento di Medicina e Chirurgia dell'Università degli Studi di Parma  
Insegnamento del modulo di Psicobiologia evolutiva presso il Dipartimento di Medicina e Chirurgia dell'Università degli Studi di Parma

## ESPERIENZA DIDATTICA

- 2017-2019 Insegnamento dei corsi di metodologia e ricerca per le scienze psicologiche e del corso di psicobiologia presso il Dipartimento di Scienze Psicologiche, Oklahoma State University, Stillwater, OK (USA)
- 2015-2017 Insegnamento dei corsi di fisiologia umana e biologia umana presso la University of Utah, Salt Lake City (USA)
- 2016 Insegnamento del corso di fisiologia umana agli studenti del corso di Master per infermieri anestesisti presso il Westminster College di Salt Lake City, Utah (USA)
- 2012-2013 Insegnamento di anatomia e fisiologia umana presso la St. Lawrence University, Canton, NY (USA)

## PARTECIPAZIONE COME RELATORE A CONVEGNI SCIENTIFICI

- 2004 Gordon Research Conference on Environmental Endocrine Disruptors. (Poster): Prenatal exposure of mice to low doses of environmental estrogens alters sex differences in brain and behavior. Ponzi D, Gioiosa L, Palanza O, Parmigiani S
- 2004 XXI meeting of the Italian Ethological Society (presentazione orale): Environmental estrogens can interfere with the development of behavioral and nervous system sexual differences, Ponzi D, Gioiosa L, Palanza P, Parmigiani S
- 2007 4th International Meeting "Steroids and Nervous System" (presentazione orale): Sexual dimorphism in exploration and in the number of TH immunostained neurons in the locus coeruleus of young mice is eliminated by prenatal exposure to environmental estrogens. Ponzi D, Maruniak J, Parmigiani S, Vom Saal F, Palanza
- 2011 Arthur M. Sackler Colloquium, National Academy of Sciences (poster): Mother-child bond, stress response and social competence in a rural Dominican community. Ponzi D, Muehlenbein MP, Sgoifo A, Mastorci F, Pico-Alfonso M, Flinn MV
- 2014 International Society for Behavioral Ecology (presentazione orale): Morningness-Eveningness as a human life history trait: adaptive significance and proximate mechanisms. Ponzi D, Wilson MC, Nickels N, Kubicki K, Maestripieri D
- 2015 Human Biology Association, Annual Meeting (presentazione orale): Morningness/eveningness as a human life history trait. Maestripieri D, Ponzi D, Henry, A, Kubicky K, Nickels N, Wilson MC

**PARTECIPAZIONE A  
/ORGANIZZAZIONE DI CONVEGNI  
SCIENTIFICI**

- 2015 34th Workshop of the International School of Ethology (presentazione orale); Adapted Mind, Adapted Body: The Evolution of Human Behavior and its Neuroendocrine Regulation. Titolo: Cortisol, salivary alpha amylase and children perception of their social network. Ponzi D, Muehlenbein MP, Geary DC, Flinn MV
- 2018 SunBelt conference, Utrecht (presentazione orale): Social network centrality and hormones: the interaction of testosterone and cortisol. Ponzi D, Zilioli S, Mehta P, Maslov A, Watson NV
- 2019 Workshop of the International School of Ethology (presentazione orale); Ethology, Psychology and Psychiatry: an evolutionary approach. Title: The influence of opioids on the relationship between testosterone and romantic bonding. Ponzi D
- 2020 Codirettore del Workshop "Mens sana in corpore sano: psychobiological effects of physical activity" presso la Ettore Majorana foundation and centre for scientific culture e International school of ethology " Danilo Mainardi".
- 2023 Codirettore del Workshop "The Athletic Ape: Merging Human Evolutionary Biology with Sports Sciences" presso la Ettore Majorana foundation and centre for scientific culture e International school of ethology " Danilo Mainardi".

**DIREZIONE O PARTECIPAZIONE A  
COMITATI EDITORIALI DI RIVISTE**

- 2020-presente Editorial Board Member of the scientific journal Adaptive Human Behavior and Physiology
- 2021 Guest Editor per la special issue "Sports Science: Evolutionary Perspectives and Biological Mechanisms". per la rivista Adaptive Human Behavior and Physiology

Ad hoc journal reviewing Adaptive Human Behavior and Physiology; Current Psychology; Evolution and Human Behavior; Hormones and Behavior; Journal of Experimental Psychology: Applied; PNAS (Ad hoc reviewer)

**PROGETTI DI RICERCA SOTTOPOSTI  
IN PRIMA PERSONA E FINANZIATI**

- 2018 Natural Hazards Center University of Colorado Boulder. Titolo: Exploring the socioecological and individual level factors that influence appraisal, stress and health vulnerability to the threat of a new hurricane season: a cross-cultural study of children exposed to the 2017 Hurricane Maria
- 2017 Oklahoma State University start-up: \$65000

2015 Human Behavior and Evolution Society (\$5000)

2015 American Association of Physical Anthropologists Professional Development Award (\$5000)- Role of puberty on the development of chronotype in a rural Caribbean community

**AFFILIAZIONI SCIENTIFICHE** Associazione Italiana di Biologia e Genetica

**MENTORSHIP & LEADERSHIP** Componente delle commissioni di tesi di laurea in qualità di relatore per i Corsi di Biotecnologie, Ecologia ed Etologia per la Conservazione della Natura, Psicobiologia e Neuroscienze Cognitive, Scienze Motorie

Responsabile della Assicurazione della Qualità del Corso di Studio per il Corso di Laurea Magistrale in Psicobiologia e Neuroscienze Cognitive

**PUBBLICAZIONI SCIENTIFICHE IN RIVISTE PEER-REVIEWED** Indice  $H = 20$ ; citazioni=1762 (Luglio 2024)

34. **Ponzi, D.**, Geary, D.C., Flinn, M.V. (2023). Social network accuracy among children and adolescents in a rural Dominican community. *Evolution and Human Behavior*, 44 (5), 422-429

33. Dadomo, H., **Ponzi, D.**, Paterlini, S. Parmigiani, S, Palanza, P. (2023). Vardenafillong-term administration improves episodic memory in aging female mice. *Applied Sciences*, 13(22),12470

32. Street, M. E., **Ponzi, D.**, Renati, R., Petraroli, M., D’Alvano, T., Lattanzi, C., ... & Stagi, S. (2023). Precocious puberty under stressful conditions: new understanding and insights from the lessons learnt from international adoptions and the COVID-19 pandemic. *Frontiers in Endocrinology*, 14, 1149417.

31. **Ponzi D.** (2022). An introduction to the special issue on “Sports science: evolutionary perspectives and biological mechanisms”. *Adaptive Human Behavior and Physiology*. 8(1):1-9.

**30. Ponzi D**, Dadomo H, Filonzi L, Palanza P, Pelosi A, Ceresini G, Parmigiani S, Marzano Nonnis F (2021). Cortisol, temperament and serotonin in karate combats: an evolutionary psychobiological perspective. **Adaptive Human Behavior and Physiology** (accepted)

29. Dadomo, H., **Ponzi, D.**, Nicolini, Y., Vignali, A., Ablondi, F., Ceresini, G., ... & Parmigiani, S. (2020). Behavioral and hormonal effects of prolonged Sildenafil treatment in a mouse model of chronic social stress. **Behavioural Brain Research**, 392, 112707.
28. Palanza, P., Paterlini S, Brambilla MM, Ramundo G, Caviola....**Ponzi D** (2020). Sex-biased impact of endocrine disrupting chemicals on behavioral development and vulnerability to disease: of mice and children. **Neuroscience & Biobehavioral Reviews**
27. **Ponzi, D.**, Gioiosa, L., Parmigiani, S., & Palanza, P. (2020). Effects of prenatal exposure to a low-dose of bisphenol A on sex differences in emotional behavior and central alpha2-adrenergic receptor binding. **International journal of molecular sciences**, 21(9), 3269.
26. Tonna, M., **Ponzi, D.**, Palanza, P., Marchesi, C., & Parmigiani, S. (2020). Proximate and ultimate causes of ritual behavior. **Behavioural Brain Research**, 393, 112772.
25. **Ponzi D**, Flinn MV, Muehlenbein MP, Nepomnaschy PA (2020). Hormones and human developmental plasticity. **Molecular and Cellular Endocrinology**.  
<https://doi.org/10.1016/j.mce.2020.110721>
24. Dadomo H, **Ponzi D**, Nicolini Y, et al. (2020). Loss of socio-economic condition and Psychogenic Erectile Dysfunction: the role of temperament and depression. **Adaptive Human Behavior and Physiology**, 1-18

23. Grebe, N. M., Del Giudice, M., Thompson, M. E., Nickels, N., **Ponzi, D.**, striving personality features: A review and empirical evaluation of the Dual Hormone hypothesis. **Hormones and behavior**, 109, 25-37.
22. **Ponzi D**, Dandy M (2018). The influence of opioids on the relationship between testosterone and romantic bonding. **Human Nature**, 30(1), 98-116
21. **Ponzi D** (2018). Fundamental trade-offs in life history theory. **Encyclopedia of Evolutionary Psychological Science**, Todd K. Shackelford & Viviana A. Weekes-Shackelford Editors. pp 1-6
20. **Ponzi D**, Zilioli S, Mehta P, Maslov A, Watson NV. (2016). Social network centrality and hormones: the interaction of testosterone and cortisol. **Psychoneuroendocrinology**, 68:6-13
19. Zilioli S, **Ponzi D**, Henry A, Kubicki K, Nickels N, Wilson MC, Maestriperi D. (2016). Interest in babies negatively predicts testosterone responses to sexual visual stimuli among heterosexual young men. **Psychological Science**, 27:114-118.
18. **Ponzi D**, Henry A, Kubicki K, Nickels N, Wilson MC, Maestriperi D. (2016). Autistic-like traits, sociosexuality, and hormonal responses to socially stressful and sexually arousing stimuli in male college students. **Adaptive Human Behavior and Physiology**, 2: 150-165
17. **Ponzi D**, Muehlenbein MP, Geary DC, Flinn MV. (2016) Cortisol, salivary alpha amylase and children perception of their social network. **Social Neuroscience**, 11(2):164-174
16. Wilson MC, Zilioli S, **Ponzi D**, Henry A, Kubicki K, Nickels N, Maestriperi D. (2015). Cortisol reactivity to psychosocial stress mediates the relationship between extraversion and unrestricted sociosexuality. **Personality and Individual Differences**, 86: 427-431.
15. Zilioli S, **Ponzi D**, Henry A, Maestriperi D. (2015). Testosterone, cortisol and empathy: evidence for the dual-hormone hypothesis. **Adaptive Human Behavior and Physiology**, 1: 421-433.
14. **Ponzi D**, Henry A, Kubicki K, Nickels N, Wilson MC, Maestriperi D. (2015). Morningness-eveningness and intrasexual competition in men. **Personality and Individual Differences**, 76: 228-231.
13. **Ponzi D**, Klimczuk A, Traficante D, Maestriperi D. (2015). Perceived dominance in young heterosexual couples in relation to sex, context, and frequency of arguing. **Evolutionary Behavioral Sciences**, 9(1): 43-54

12. **Ponzi D**, Henry A, Kubicki K, Nickels N, Wilson MC, Maestripiéri D. (2015). The slow and fast life histories of early birds and night owls: Their future- or present-orientation accounts for their sexually monogamous or promiscuous tendencies. **Evolution and Human Behavior**, 36(2): 117–122.
11. **Ponzi D**, Muehlenbein MP, Sgoifo A, Geary DC, Flinn MV. (2015). Day-to-day variation of salivary cortisol and dehydroepiandrosterone (DHEA) in children from a rural Dominican community. **Adaptive Human Behavior and Physiology**, 1 (1): 4-16.
10. **Ponzi D**, Wilson MC, Maestripiéri D. (2014) Eveningness is associated with higher risk-taking, independent of sex and personality. **Psychological Reports**, 115: 932-947.
9. Piffer D, **Ponzi D**, Sapienza P, Zingales L, Maestripiéri D. (2014). Morningness-eveningness and intelligence among high-achieving US students: night owls have higher GMAT scores than early morning types in a top-ranked MBA program. **Intelligence**, 47: 107-112.
8. Do RP, Stahlhut RW, **Ponzi D**, Vom Saal FS, Taylor JA (2013). Non- monotonic dose effects of in utero exposure to di(2-ethylhexyl) phthalate (DEHP) on testicular and serum testosterone and anogenital distance in male mouse fetuses. **Reproductive Toxicology**, 34(4): 614-621.
7. Angle MA, Do RP, **Ponzi D**, Stahlhut RW, Drury BE, Nagel SC, Welshons WV, Besch-Williford CL, Palanza P, Parmigiani S, vom Saal FS, Taylor JA (2013). Metabolic disruption in male mice due to fetal exposure to low but not high doses of bisphenol A (BPA): Evidence for effects on body weight, food intake, adipocytes, leptin, adiponectin, insulin and glucose metabolisms. **Reproductive Toxicology**, 42: 256-268.
6. Flinn MV, **Ponzi D**, Muehlenbein MP (2012). Hormonal mechanisms for regulation of aggression in human coalitions. **Human Nature**, 23:68-88.
5. Flinn MV, Duncan C, Quinlan RL, Leone EV, Decker SA and **Ponzi, D** (2012). Hormones in the wild: Monitoring the endocrinology of family relationships. **Parenting: Science and Practice**, 12(2-3): 124-133.
4. Flinn MV, Muehlenbein M, Nepomnaschy P, **Ponzi D** (2011). Evolutionary functions of early social modulation of hypothalamic-pituitary-adrenal axis development in humans. **Neuroscience & Biobehavioral Reviews**, 35(7):1611-1629.
3. Oxford J, **Ponzi D**, Geary D (2010). Hormonal responses differ when playing violent video games against an ingroup and outgroup. **Evolution and Human Behavior** 31: 201-209.
2. Flinn MV, Muehlenbein MP, **Ponzi D** (2009). Social endocrinology of the human child. **Behavioral and Brain Sciences**, 32(1): 27-28
1. Byrd-Craven J, Geary DC, Rose AJ, **Ponzi D** (2008). Co-ruminating increases stress levels in women. **Hormones and Behavior**, 53: 489-492.

Io sottoscritto Davide Ponzi autorizzo al trattamento dei dati personali contenuti nel mio Curriculum Vitae in base all'art. 13 del D. Lgs. 196/2003 e all'art. 13 del GDPR (Regolamento UE 2016/679)

Data, 19/07/2024

Firma

