

# Catherine Molho

Postdoctoral Researcher, *CREED*, University of Amsterdam

Affiliate, *Institute for Advanced Study in Toulouse*

[c.molho@uva.nl](mailto:c.molho@uva.nl) | [Website](#) | [Google Scholar](#) | [OSF](#)

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## ACADEMIC EMPLOYMENT

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### June 2021 – Present

**Postdoctoral Researcher**, *Center for Research in Experimental Economics and Political Decision Making (CREED)*, University of Amsterdam, the Netherlands

### Sep 2019 – May 2021

**Postdoctoral Fellow**, *Institute for Advanced Study in Toulouse (IAST)*, France

### Sep 2015 – Aug 2019

**PhD Candidate**, *Department of Experimental and Applied Psychology*, VU Amsterdam, the Netherlands

### Oct 2014 – Aug 2015

**Research Assistant**, *Network Institute*, VU Amsterdam, the Netherlands

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## EDUCATION

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### 2019 PhD, Psychology, VU Amsterdam, the Netherlands

Thesis: [“The psychological underpinnings of cooperation and the punishment of non-cooperators: Insights from the lab to the field”](#)

### 2015 M.Sc., Social Psychology, VU Amsterdam, the Netherlands | cum laude

### 2012 B.A., Psychology, Panteion University, Athens, Greece

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## PUBLICATIONS

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Balliet, D., **Molho, C.**, Columbus, S., & Dores Cruz, T.D. (in press). Prosocial and punishment behaviors in everyday life. *Current Opinion in Psychology*.

Columbus, S., & **Molho, C.** (in press). Subjective interdependence and prosocial behaviour. *Current Opinion in Psychology*.

**Molho, C.**, Twardawski, M., & Fan, L. (in press). What motivates direct and indirect punishment? Extending the ‘Intuitive Retributivism’ hypothesis. *Zeitschrift für Psychologie*.

Shalvi, S., Mol, J. M., **Molho, C.**, Vu, L., Leib, M., & Soraperra, I. (in press). Psychological science for a responsible sharing economy. *Current Opinion in Psychology*.

Dores Cruz, T.D., Thielmann, I., Columbus, C., **Molho, C.**, ..., & Balliet, D. (2021). Gossip and reputation in daily life. *Philosophical Transactions of the Royal Society B*.

**Molho, C.**, & Wu, J. (2021). Direct punishment and indirect reputation-based tactics to intervene against offenses. *Philosophical Transactions of the Royal Society B*.

Columbus, S.\*, **Molho, C.\***, Righetti, F., & Balliet, D. (2021). Interdependence and cooperation in daily life. *Journal of Personality and Social Psychology*, 120, 626–650.

\* shared first authorship

**Molho, C.**, & Balliet, D. (2020). Navigating interdependent social situations. In D. Funder, J. Rauthmann, & R. Sherman (Eds.), *The Oxford Handbook of Psychological Situations*. Oxford: Oxford University Press.

**Molho, C.**, Tybur, J.M., Van Lange, P.A.M., & Balliet, D. (2020). Direct and indirect punishment of norm violations in daily life. *Nature Communications*, 11, 3432.

Peperkoorn, L.S., Becker, D.V., Balliet, D., Columbus, S., **Molho, C.**, & Van Lange P.A.M. (2020). The prevalence of dyads in social life. *PLOS ONE*, 15, e0244188.

Righetti, F., Balliet, D., **Molho, C.**, ..., & Arriaga, X. (2020). Fostering attachment security: The role of interdependent situations. *International Journal of Environmental Research and Public Health*, 17, 7648.

Tybur, J.M., **Molho, C.**, Çakmak, B., das Dores Cruz, T.D., Singh, G.D., & Zwickler, M. (2020). Disgust, anger, and aggression: Further tests of the equivalence of moral emotions. *Collabra: Psychology*, 6, 34.

Karinen, A.K., **Molho, C.**, Kupfer, T., & Tybur, J.M. (2019). Disgust sensitivity and opposition to immigration: Does contact avoidance or resistance to foreign norms explain the relationship? *Journal of Experimental Social Psychology*, 84, 103817.

**Molho, C.**, Balliet, D., & Wu, J. (2019). Hierarchy, power, and strategies to promote cooperation in social dilemmas, *Games*, 10, 12.

Gerpott, F., Balliet, D., Columbus, S., **Molho, C.**, & de Vries, R.E. (2018). How do people think about interdependence? A multidimensional model of subjective outcome interdependence. *Journal of Personality and Social Psychology*, 115, 716–742.

Tybur, J.M., **Molho, C.**, & Balliet, D. (2018). Moralized disgust versus disgusting immorality: An adaptationist perspective. In N. Strohminger, & V. Kumar (Eds.), *The Moral Psychology of Disgust* (pp. 11–27). Rowman & Littlefield.

Eriksson, K., Strimling, P., Andersson, P.A., ..., **Molho, C.**... & Yamagishi, T. (2017). Cultural universals and cultural differences in meta-norms about peer punishment. *Management and Organization Review*, 13, 851–870.

**Molho, C.**, Tybur, J.M., Güler, E., Balliet, D., & Hofmann, W. (2017). Disgust and anger relate to different aggressive responses to moral violations. *Psychological Science*, 28, 609–619.

**Molho, C.**, Roberts, S.G.B., de Vries, R.E., & Pollet, T.V. (2016). The six dimensions of personality (HEXACO) and their associations with network layer size and emotional closeness to network members. *Personality and Individual Differences*, 99, 144–148.

Tybur, J.M., Inbar, Y., Güler, E., & **Molho, C.** (2015). Is the relationship between pathogen avoidance and ideological conservatism explained by sexual strategies? *Evolution and Human Behavior*, 36, 489–497.

Tybur, J.M., Inbar, Y., Güler, E., & **Molho, C.** (2015). Pathogen disgust requires no defense: a response to Shook, Terrizzi, Clay, & Oosterhoff (2015). *Evolution and Human Behavior*, 36, 502–504.

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## SUBMITTED/ IN PREPARATION

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Maitner, A.T., DeCoster, J., Andersson, P.A., ..., **Molho, C.**, ... & Wu, J. (submitted). Perceptions of emotional functionality: Similarities and differences among dignity, face, and honor cultures. *Journal of Cross-Cultural Psychology*.

Spadaro, G., **Molho, C.**, Van Prooijen, J-W, Romano, A., Mosso, C. O., & Van Lange, P.A.M. (submitted). *Corruption Undermines Trust and Cooperation Between People*.

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## FUNDING AND AWARDS

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Multidisciplinary Research Prize (2021; €18,220), *Institute for Advanced Study in Toulouse* | Co-PI on project 'Evolution of Institutions for Collective Action'

Multidisciplinary Research Prize (2020; €27,160), *Institute for Advanced Study in Toulouse* | Co-PI on project '[TEAM-3PP](#) – Testing Evolutionary Alternative Models of Third-Party Punishment: A Multidisciplinary Approach'

Research Excellence Award (2017), *Social & Organizational Psychology, VU Amsterdam*

William James Scholarship (2014; 2015), *William James Graduate School, VU Amsterdam*

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## TEACHING EXPERIENCE

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### Guest lectures:

- Evolutionary perspectives on punishment. Invited lecture, *Kurt Lewin Institute*, May 2021.
- Informal punishment in daily life settings. Invited lecture for course 'Bridging Social Psychology', *VU Amsterdam*, September 2020.

### Supervision:

- **M-1 internship** supervision, *Institute for Advanced Study in Toulouse* (2020)
- **MA theses and internship** supervision, *Social and Organizational Psychology, VU Amsterdam* (2015–2018) | 9 theses supervised to completion
- **BA theses** supervision, *Psychology, VU Amsterdam* (2015–2018) | 13 theses supervised to completion

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## EDITORIAL AND REVIEW SERVICE

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**Associate Editor:** *Collabra: Psychology* (2020–present)

### Editorial board:

- *Cooperation Databank* ([CoDa](#); 2020–present)
- *Current Research in Ecological and Social Psychology* (2020–present)

**Ad hoc reviewer** (see [Publons](#) profile): *Cognition and Emotion*, *Developmental Psychology*, *Emotion*, *European Journal of Personality*, *European Journal of Social*

*Psychology, Evolution and Human Behavior, Evolutionary Behavioral Sciences, Evolutionary Psychological Science, Frontiers in Psychology, Human Ethology, Human Nature, Journal of Behavioral Decision Making, Journal of Experimental Psychology: Applied, Journal of Experimental Psychology: General, Journal of Experimental Social Psychology, Journal of Research in Personality, Motivation and Emotion, Nature Human Behaviour, Nature Communications, Organizational Behavior and Human Decision Processes, Personality and Individual Differences, Personality and Social Psychology Bulletin, PLOS One, Political Behaviour, Political Psychology, Psychological Review, Psychological Science, Royal Society Open Science, Social Cognition, Social Psychological and Personality Science, Sustainability, Zeitschrift für Psychologie*

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## CONFERENCE PRESENTATIONS & INVITED TALKS

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Molho, C. (March 2021). *When do people gossip about norm violations in daily life?* Online 'Force of Gossip' talk series, VU Amsterdam, the Netherlands. (flash talk)

Molho, C. (January 2021). *Using ecological momentary assessment methods to study social behaviors in the field.* Online Epistemology workshop, Institute for Advanced Study in Toulouse, France.

Molho, C. (November 2020). *Who punishes norm violations? Aggressive, but not prosocial traits, predict motivations to punish.* Online meeting of the Cognition, Behavior, & Evolution Network Conference. (flash talk)

Molho, C. (November 2020). *The social functions of distinct moral emotions.* Online meeting of the Réseau transdisciplinaire prioritaire 'Evolutionary Human Sciences'. (flash talk)

Molho, C., Tybur, J.M., Van Lange, P.A.M., & Balliet, D. (February 2020). *Direct and indirect punishment of norm violations in daily life.* Society for Personality and Social Psychology Convention, New Orleans, USA.

Molho, C., Tybur, J.M., & Balliet, D. (February 2020). *Personality antecedents of second- and third-party punishment.* Evolutionary Psychology Pre-Conference, Society for Personality and Social Psychology Convention, New Orleans, USA. (flash talk)

Molho, C., Nieper, A. S., Balliet, D., & van Kleef, G. A. (January 2020). *Power and cooperation in social dilemmas: A meta-analysis.* 5<sup>th</sup> Pyrenean Interdisciplinary Research Event (PIREN), Ax-les-Thermes, France.

Molho, C. (November 2019). *Personality and situational antecedents of punishment.* Invited talk at the Max Planck Institute for Research on Collective Goods, Bonn, Germany.

Molho, C. (November 2019). *Sketching the mechanisms and functions of distinct punishment strategies.* Cognition, Behavior, & Evolution Network Conference, Amsterdam, Netherlands.

Molho, C., Tybur, J.M., Van Lange, P.A.M., & Balliet, D. (June 2019). *Direct and indirect punishment in daily life.* International Conference on Social Dilemmas, Sedona, USA.

Molho, C., Tybur, J.M., Van Lange, P.A.M., & Balliet, D. (May 2019). *Situational, relational, and emotional antecedents of punishment in daily life*. Human Behavior and Evolution Society Conference, Boston, USA.

Molho, C., Tybur, J.M., & Balliet, D. (July 2018). *Second- and third-party punishment are characterized by different emotions and different aggressive tactics*. Human Behavior and Evolution Society Conference, Amsterdam, the Netherlands.

Molho, C., Tybur, J.M., & Balliet, D. (April 2018). *Angered or disgusted by immoral behavior? Antecedents and consequences of distinct moral emotions*. Consortium of European Research on Emotion, Glasgow, Scotland, UK.

Molho, C., Tybur, J.M., & Balliet, D. (March 2018). *Disgusting immorality: Moral disgust relates to indirect aggression against moral offenders*. Society for Personality and Social Psychology Convention, Atlanta, USA.

Molho, C., Columbus, S., & Balliet, D. (November 2017). *Mapping interdependence in daily life*. Cognition, Behavior, & Evolution Network Conference, Leiden, Netherlands.

Molho, C., Tybur, J.M., Güler, E., Balliet, D., & Hofmann, W. (July 2017). *Disgust and anger relate to different aggressive responses to moral violations*. European Association of Social Psychology Conference, Granada, Spain.

Molho, C., Balliet, D., & Tybur, J.M. (December 2016). *Asymmetric power and deterrence strategies in social dilemmas: Power leads to more (direct) punishment tactics*. Human Evolution and Behavior Network Conference, Antwerp, Belgium.

Molho, C., Balliet, D., & Tybur, J.M. (December 2016). *Power leads to less cooperation and more (direct) punishment tactics*. Dutch Association of Social Psychology Researchers (ASPO) Conference, Leiden, the Netherlands.

Molho, C., & Balliet, D. (June 2016). *Asymmetric power and cooperation in social dilemmas: Does power influence the use of punishment and gossip strategies to promote cooperation?* Human Behavior and Evolution Society Conference, Vancouver, Canada.

Molho, C., Balliet, D., Tybur, J.M., & Van Lange, P.A.M. (April 2016). *Functional Interdependence Theory: How has evolution shaped interdependent minds?* Kurt Lewin Institute Conference, Zeist, the Netherlands.

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## LANGUAGES AND OTHER SKILLS

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**Languages:** English (Cambridge CPE); French (DALF C2); Dutch (B1); Greek (native)

**Software:** MS Office, R, SPSS, Software Platform for Human Interaction Experiments

**Methods:** Experimental games; Experience sampling & daily diaries; Mixed modeling

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## PROFESSIONAL ACTIVITIES

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### Departmental Service:

- Organizer of Weekly Seminars, *Institute for Advanced Study in Toulouse* (2019–2020)
- PhD Representative, *Social Psychology Department, VU Amsterdam* (2016–2018)
- Organizer of PhD & Research Assistant meetings, *VU Amsterdam* (2016–2017)

**Member of Conference Organizing Team:**

- Human Behavior and Evolution Conference, Amsterdam, Netherlands (2018)
- International Conference on Social Dilemmas, Taormina, Italy (2017)
- William James Study Association Symposium, Amsterdam, Netherlands (2015)

**Society Memberships:**

- Dutch Association for Social Psychology (ASPO)
- European Association of Social Psychology (EASP)
- Human Behavior and Evolution Society (HBES)
- Society for the Improvement of Psychological Science (SIPS)