

CURRICULUM VITAE

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Employments

- Professor (Full), Department of Clinical Neuroscience, Karolinska Institutet, 2019 – *present*.
- Research group leader, Lab Director, & Deputy Head of division, Division of Psychology, Department of Clinical Neuroscience, Karolinska Institutet, 2011 – *present*
- Associate Professor (Universitetslektor), Division of Psychology, Department of Clinical Neuroscience, Karolinska Institutet, 2011 – 2019

Post-doc appointments

- Researcher, Department of Clinical Neuroscience, Division of Psychology, Karolinska Institutet, 2008 – 2010
- Post-doctoral Research Scientist, Department of Psychology, Columbia University, 2006 – 2008 (Advisor: Kevin N. Ochsner)

Education

- Ph.D., Psychology, New York University, Cognition & Perception Program, 2006 (Advisor: Elizabeth A. Phelps)
- Visiting Scholar, Psychology, University of California at Berkeley, 1999
- M.S., Cognitive Psychology, Lund University, 1998
- B.A., Psychology/Philosophy, Lund University, 1997
- Exchange Student, Psychology/Biology/Philosophy, University College London, 1996

Individual grants as principal investigator

- Swedish Research Council (Vetenskapsrådet), Project Grant (2025-2028): *560 000 Euro*
- Swedish Research Council (Vetenskapsrådet), Consolidator Grant (2018-2024): *1,2 mil. Euro*
- Wallenberg Academy Fellow Grant Extension (2020-2025): *350 000 Euro*
- Wallenberg Academy Fellow Grant (2015-2020): *750 000 Euro*
- European Research Council (ERC), Individual Starting Independent Research Grant (2012-2018): *1,5 mil. Euro*
- Bank of Sweden Tercentenary Foundation (Riksbankens Jubileumsfond) (2012-2015): *250 000 Euro*
- Swedish Research Council (Vetenskapsrådet) A0208401 (2011-2013): *240 000 Euro*
- KI Developmental (KID) Grant, Karolinska Institutet (2012-2016): *150 000 Euro*
- KI Developmental (KID) Grant, Karolinska Institutet (2017-2020): *150 000 Euro*

Grants as co-applicant

- Bank of Sweden Tercentenary Foundation (Riksbankens Jubileumsfond) (2019-2023): *5,4 mil. Euro, PI: Å. Wikforss, SU.*
- Swedish Research Council (Vetenskapsrådet) (2021-2024): *520 000 Euro, PI: Sabina Cehajic-Clancy, SU.*

Academic distinctions/awards (selection)

- Wallenberg Academic Fellow, Extension, Knut & Alice Wallenberg Foundation, 2018
- Wallenberg Academy Fellow, Knut & Alice Wallenberg Foundation, 2014
- Future Academic Leadership Program, Department of Clinical Neuroscience, Karolinska Institutet, 2016 – 2018
- Docent, Psychology, Karolinska Institutet, 2015
- KI Developmental (KID) Awards 2011 and 2015
- KI Foundation Young Investigator Award, Karolinska Institutet, 2010
- KI and Axel Hirsch's Travel Award, Karolinska Institutet, 2008

- Margaret and Herman Sokol Postdoctoral Fellowship, Columbia University, 2007
- McCracken Fellowship. New York University, 2002-2005
- Swedish-American Foundation Award, Stockholm, 2002
- GSAS Travel Grant, New York University, 2003, 2004
- Professional Enhancement Grant, Institute for International Education, NYC, 2004.
- Fulbright Award, Swedish Fulbright Commission, Stockholm, 2000-2001.
- Fellow at the Summer Institute in Cognitive Neuroscience Fellow, Dartmouth, USA, 2002.
- University of California, Berkeley, Registration & Tuition Fee Award, Lund University, 1998.

Board/Committee membership (selection)

- Member of board for the Swedish National Committee of Psychology, Royal Academy of Sci., 2019 – *present*.
- Member editorial board and associate editor *Social Cognitive Affective Neuroscience*, 2018 – *present*.
- Member, board of admission for the doctoral program, Department of Clinical Neurosci., KI, 2012 – *present*.
- Member steering committee, and deputy head of Division of Psychology, Department of Clinical Neuroscience, Karolinska Institutet, 2018 – *present*.
- Member steering committee Center for Cognitive and Computational Neuroscience, Karolinska Institutet, 2021—*present*.
- Member advisory board of Core Facility UMove, Karolinska Institutet, Department of Neurobiology, Care sciences and Society, 2021 – *present*.
- Board member and teacher representative, Committee for internationalization of the clinical psychology program, KI, 2011 – present.
- Member (deputy chair 2019, chair 2021-22), Panel SH4–The Human Mind and Its Complexity, Evaluating Starting Grants, European Research Council (ERC), 2015—2022.
- Member external advisor panel for research quality (RQ20) of Lund University, 2020.
- Chair of steering committee for Core Facility UMove, Karolinska Institutet, Department of Neurobiology, Care sciences and Society, 2020 – 2021.
- Co-chair, planning committee, Mind and Life European Summer Research Institute, Chiemsee, Germany, July 2018.
- Elected member of executive committee, The Social & Affective Neuroscience Society, SANS, US, 2013 – 2016; Presidential nominee, 2018.
- Member of the membership/outreach committee (2016), Abstract Review Board (2020-2021), Society for Affective Science, SAS, US.
- Board member of the Scientific Council of Stockholm Brain Institute (SBI), 2012 – 2016.
- Member academic committee for the 7th Consortium of European Research on Emotion (CERE), Glasgow 4-5th April 2018
- Deputy-chair of the local organizational committee for the General Meeting of the European Association of Social Psychology (EASP), Stockholm, 2011.

Professional service (selection)

- Deputy head of Division of Psychology, Dept. of Clinical Neuroscience, Karolinska Institutet, 2018 – present.
- Invited external reviewer for multiple international grant applications (National Science Foundations in the Netherlands, USA (NSF), Belgium, Israel), Foundation for Polish Science, and the European Research Council (Starting, Consolidator, and Advanced grants).
- Invited external reviewer for academic job applications (e.g. Assoc. Prof. at Columbia Univ., US, Umeå Univ., Oslo Univ., Stockholm University, and Linneaus Univ.)
- Faculty opponent for PhD thesis defense (Tomas Ågren), Uppsala University, Fall 2012.
- Member of 12+ grading committees for dissertation defenses (Karolinska Institutet; National Institute of Health; Stockholm Univ.; Lund Univ.; Chalmers Univ. of Technology; Uppsala Univ.; Linköping Univ., Karlstad Univ. Umeå Univ.; Leuven Univ).
- Member of 10+ half-time dissertation committees (KI, Linköping Univ, & National Institute of Mental Health, NIMH, US).
- Invited external expert reviewer of dissertations (Ghent Univ.; Stockholm Univ. & Aalto Univ., Finland).

- Organizer of the bi-weekly research seminar at the Division of Psychology, Department of Clinical Neuroscience, KI (2010-13).
- Guest editor *Proceedings of the National Academy of Sciences* (PNAS), July, 2019.

Editorial services

- Associate Editor *Social Cognitive Affective Neuroscience*, 2018 – present.
- Editorial board member *Journal of Affective Science*, 2019 – present.
- Guest editor *Proceedings of the National Academy of Sciences* (PNAS), July, 2019.

Ongoing and past supervision of post-doctoral fellows, serving as main supervisor (3 ongoing, 9 past)

- Markus Rutgen, University of Vienna (2021 – 2023).
- Philip Pärnamets, Ph.D., Cognitive Science, Lund University (2015 – present).
- Ida Selbing, Ph.D, Psychology, Karolinska Institutet (2017 – 2018; 2021 – present).
- Amy Walsh, PhD, Victoria Univ of Wellington, NZ (2019 – 2022).
- Yafeng Pan, PhD, East China Normal Univ/Univ. Brussels (2019—2022).
- Joana Vieira, Ph.D., Georgetown Univ. (2018 – 2022).
- Nina Becker, Ph.D, Aging Research Center (2018 – 2021).
- Tanaz Molapour, Ph.D. Psychology, Karolinska Institutet (2015 – 2020).
- Björn Lindström, Ph.D., Psychology, Karolinska Institutet (2014 – 2016).
- Armita Golkar, Ph.D., Psychology, Karolinska Institutet (2013 – 2017).
- Jan Haaker, Ph.D., Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf (2013 – 2016).
- Eleni Kopsida, Ph.D., Psychology, London University (2012-2013).

Ongoing supervision of PhD candidates, serving as main supervisor

- Simon Jangaard (main supervisor), begun 2018-12-01. Co-supervisors: Nitya Jayaram Lindström, Björn Lindström, Joana Vieira, Lotfi Khimiri).

Ongoing supervision of PhD candidates, serving as co-supervisor (4)

- Shen Tian (co-supervisor), begun 2023-03-01. Main supervisor: Björn Lindström, KI
- Oromia Sero (co-supervisor), begun 2024-03-11. Main supervisor: Björn Lindström, KI
- Tobias Granwald (co-supervisor), begun 2021-06-01. Main supervisor: Marc Guitart-Masip, KI.
- Kasim Acar (co-supervisor), begun 2020-09-22. Main supervisor: Predrag Petrovic, KI.

Past supervision of PhD candidates (6 as principal/main supervisor and 5 as co-supervisor)

- Lisa Espinosa (main supervisor), to start 2017-05-30. Defense successfully completed 2023-02-16. Co-supervisor: Emily Holmes
- Dr. Irem Undeger (main supervisor), begun 2015-09-01. Defense successfully completed 2022-10-09. Co-supervisors: Fredrik Åhs, Armita Golkar.
- Dr. Jonathan Yi (main supervisor), begun 2015-09-01. Defense successfully completed 2021-12-16. Co-supervisors: Jan Haaker, Karin Jensen, Philip Pärnamets.
- Dr. Ida Selbing (main supervisor), begun 2012-01-01. Defense successfully completed 2017-09-18
- Dr. Tanaz Molapour (main supervisor), begun 2012-01-01. Defense successfully completed 2016-10-21.
- Dr. Björn Lindström (main supervisor), begun on 2010-02-01. Defense successfully completed 2014-08-24.
- Troy Dildine (co-supervisor), begun 2016-11-01. Defense successfully completed 2022-10-11. Main supervisor: Lauren Atlas; NIH; USA.
- Dr. Anais Louzolo (co-supervisor), begun 2011-09-01. Defense successfully completed 2017-10-17. Main supervisor: Predrag Petrovic, KI.
- Dr. Steve Berggren (co-supervision), begun 2013-09-01. Defense successfully completed 2017-06-16. Main supervisor Sven Bölte, KI.
- Dr. Arvid Guterstam (co-supervisor), begun 2011-01-01. Defense successfully completed 2016-08-26.
- Dr. Tina Sundelin (co-supervisor), begun 2011-09-01. Defense successfully completed 2015-06-12. Main supervisor: John Axelsson, KI.

- Dr. Susanna Carmona Canabate, Universidad de Autonomía, Barcelona, Ph.D. 2009. Co-supervised 2007-2008, during her stay at Columbia University.

Peer-reviewed papers

- Selbing, I., Becker, N., Pan, Y., Lindström, B., & **Olsson, A.** (2025). Effects of described demonstrator ability on brain and behavior when learning from others. *npj Sci. Learn.* 10, 4.
- Jangard, S., **Olsson, A.**, Molero, Y., Jayaram-Lindström, N., & Raninen, J. (2025). Antisocial and Prosocial Behaviors as Predictors of Subsequent Substance Use in Adolescence. *Addictive Behaviors, accepted for publication.*
- Jangard, S., Lindström, B., Khemiri, L., Jayaram, N., **Olsson, A.** (2025). Dissociating social reward learning and behavior in alcohol use disorder. *Translational Psychiatry*, 15, 30.
- Espinosa, L., Nook, E., Asperholm, M., Collins T., Davidow J., **Olsson, A.** (2024). Peer threat evaluations shape one's own threat perceptions and feelings of distress, *Cognition & Emotion*, 1–14.
- Acar K., Karagiannidou A., **Olsson A.**, van Prooijen J.W., Balter L.J.T., Axelsson J., Ingvar M., Lebedev A.V., Petrovic P. (2024). Delusion-proneness predicts COVID-19 vaccination behavior. *Frontiers in Psychiatry*, Nov 25;15:1450429.
- Pan, Y., Sequestro, M., Golkar, A., **Olsson, A.** (2024). Handholding reduces the recovery of threat memories and magnifies prefrontal hemodynamic responses, *Behav Res Ther*, Dec;183:104641.
- Čehajić-Clancy, S., Jamshed, N., **Olsson, A.**, & Momčilović, A. (2024). From inspiration to restoration: Moral elevation as a catalyst for improving intergroup relations in contexts of conflict. *Journal of Personality and Social Psychology*, in press.
- Vieira, B., J., & **Olsson, A.** (2024). The convergence between defence and care-based helping in mammals, *Trends in Cognitive Sciences, TICS*, 28(8):714-725.
- Selbing, I., Sandberg, D., **Olsson, A.**, Lindström, B., & Golkar, A. (2024). The Transfer of Social Threat Learning to Decision-Making is Robust to Extinction, *Emotion*, Oct;24(7):1689-1696.
- Becker, N., Kühn, S., & **Olsson, A.** (2024). How Emotional Contexts Modulate Item Memory in Individuals with High and Low Negative Affect and Worry, *Learning & Memory*, May 13;31(4):a053891.
- Pan Y, Vinding MC, Zhang L, Lundqvist D, **Olsson A.** (2023). A Brain-To-Brain Mechanism for Social Transmission of Threat Learning. *Adv. Science*, Aug, e2304037
- Guitart-Masip M, Walsh A, Dayan P, **Olsson A.** (2023). Anxiety associated with perceived uncontrollable stress enhances expectations of environmental volatility and impairs reward learning, *Sci Rep* 2023 Oct;13(1):18451
- Espinosa L, Singh L, Eimer T, **Olsson A.**, & Holmes EA. (2023). Reading Others' Social Appraisals After Viewing an Aversive Film Online Impacts Mood But Not Intrusive Memories. *J. Anxiety Disord*, 99, 102763.
- Lengersdorff L, Wagner I, **Olsson A.**, Petrovic P, Lamm C. (2023). Grand Theft Empathy? Evidence for the absence of effects of violent video games on empathy for pain and emotional reactivity to violence. *Elife*, Nov;12():
- Azevedo, F, ... **Olsson A.**, et al. (2023). Social and moral psychology of COVID-19 across 69 countries. *Sci. Data*, 10(1):272.
- Stussi Y, Pourtois G, **Olsson, A.**, Sander D. (2023). Psychophysiological and computational correlates of enhanced Pavlovian threat conditioning to positive and negative emotional stimuli. *Int J Psychophysiol*, June
- Cehajic-Clancy, S. & **Olsson, A.** (2023). Threaten and affirm: The role of ingroup moral exemplars for promoting prosocial intergroup behaviour through affirming moral identity. *Group Processes and Intergroup Relations*, 27(1), 99-117.
- Bach DR, ...**Olsson A.**,...& Schiller D. (2023). Consensus design of a calibration experiment for human fear conditioning, *Neurosci Biobehav Rev*, 148():105146
- Vieira, J. B. & **Olsson A.** (2022). Neural defensive circuits underlie helping under threat in humans. *Elife*, 25;11:e78162.
- Espinosa L, Bonsall MB, Becker N, Holmes EA, **Olsson A.** (2022). Pavlovian threat conditioning can generate intrusive memories that persist over time. *Behav Res Ther*, 157:104161.
- Pavlovic, T., Azevedo, F., ... **Olsson, A.**, ... Keudel, O. (2022). Predicting attitudinal and behavioral responses to COVID-19 pandemic using machine learning. *PNAS Nexus*, pgac093.
- Müllner-Huber A, Anton-Boicuk L, Pronizius E, Lengersdorff L, **Olsson A.**, Lamm C. (2022). The causal role of affect sharing in driving vicarious fear learning. *PLoS One*. 18;17(11):e0277793

- Pan, Y; Vieira, J B; Pärnamets, P; Jangard, S; Cheng, X; Zhang, Y; **Olsson, A** (2022). Psychological well-being is associated with prosociality during the COVID-19 pandemic: A comparison of Swedish and Chinese samples, *Emotion*, Jun;23(4):1075-1087.
- van Bavel, J J; Cichocka, A; Sjästad, V; Nezelek, J B; Alfano, M; ...; **Olsson, A**; Jangard, S; Pärnamets, P; Vieira, J; ...; Hudeck, M F C. (2022). National identity predicts public health support during a global pandemic, *Nature Communications*, Apr 6;13(1):1949.
- Jangard, S; Lindström, B; Khemiri, L; Pärnamets, P; Jayaram-Lindström, N; **Olsson, A**. (2022). Alcohol Use Disorder Displays Trait-Related Reductions in Prosocial Decision-Making. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, Sep;7(9):925-934.
- Louzolo, A; Almeida, R; Guitart-Masip, M; Björnsdotter, M; Lebedev, A V; Ingvar, M; **Olsson, A**; Petrovic, P. (2022). Enhanced instructed fear learning in delusion-proneness, *Frontiers in Psychology*, Apr 13;13:786778.
- Acar, K; Lebedev, A V; Horntvedt, O; Carbrera, A; **Olsson, A**; Ingvar, M; Petrovic, P. (2022). COVID-19 conspiracy ideation is associated with the delusion proneness trait and resistance to update of beliefs, *Scientific Reports*, Jun 20;12(1):10352.
- Svensson, R., Johnson, B.; **Olsson A**. (2022). Does gender matter? the association between different digital media activities and adolescent well-being, *BMC Public Health*, Feb 10;22(1):273.
- Louzolo A, Lebedev A, Björnsdotter M, Acar K, Ahrends C, Kringelbach M L, Ingvar M, **Olsson A**, Petrovic P. (2022). Resistance to Extinction of Evaluative Fear Conditioning in Delusion Proneness, *Schizophr Bull Open*, 3(1):sgac033.
- Pan Y, Novembre G, **Olsson A**. (2022). The Interpersonal Neuroscience of Social Learning. *Perspectives on Psychological Science*. May;17(3):680-695.
- Haaker, J., Diaz-Mataix, L., Guillazo-Blanch, G., Stark, S. A., Kern, L; LeDoux, J., **Olsson, A**. (2021). Observation of others' threat reactions recovers memories previously shaped by firsthand experiences, *Proceedings of the National Academy of Sciences, PNAS*, 118 (30).
- Undeger, I; Visser, R; Becker, N; de Boer, L; Golkar, A; **Olsson, A**. (2021). Model-based representational similarity analysis of BOLD fMRI captures threat learning in social interactions, *Royal Society Open Science*, 8 (202116).
- Lebedev, A V; Acar, K; Garzón, B; Almeida, R; Råback, J; Åberg, A; Martinsson, S; **Olsson, A**; Louzolo, A; Pärnamets, P; Lövdén, M; Atlas, L; Ingvar, M; Petrovic, P. (2021). Psychedelic drug use and schizotypy in young adults Journal Article, *Scientific Reports*, 11 (15058).
- Yi, J; Pärnamets, P; **Olsson, A**. (2021). The face value of feedback: facial behaviour is shaped by goals and punishments during interaction with dynamic faces, *Royal Society Open Science*, 8 (7).
- Pan, Y., **Olsson, A.**, Golkar, A. (2020). Social safety learning: Shared safety abolishes the recovery of learned threat, *Behaviour Research and Therapy*, 135.
- Szczepanik, M., Kaźmierowska, A. M., Michałowski, J. M., Wypych, M., **Olsson, A.**, Knapska, E. (2020). Observational learning of fear in real time procedure. *Scientific Reports*, 10.
- Espinosa, L., Kleberg, Lundin J., Hofvander, B., Berggren, S., Bölte, S., **Olsson, A**. (2020). Enhanced social learning of threat in adults with autism, *Molecular Autism*, 11 (71).
- Pärnamets, P., **Olsson, A**. (2020). Integration of social cues and individual experiences during instrumental avoidance learning, *PLOS Computational Biology*, 16 (9).
- Vieira, J. B., Schellhaas, S., Enström, E., **Olsson, A**. (2020). Help or flight? Increased threat imminence promotes defensive helping in humans, *Proceedings of the Royal Society B.*, Aug 26;287(1933):20201473.
- Undeger, I., Visser, R. M., & **Olsson, A**. (2020). Neural pattern similarity unveils the integration of social information and aversive learning, *Cerebra Cortex*, Sep 3;30(10):5410-5419.
- Pärnamets, P, Espinosa, L., & **Olsson, A**. (2020). Physiological Synchrony Predicts Observational Threat Learning in Humans, *Proceedings of the Royal Society B*, ISSN: 1471-2954.
- Hillman, K., Mancke, F, Herpertz, S., Jungkunz, M., **Olsson, A.**, Haaker, J. & Bertsch, K. (2020). Intact classical fear conditioning to interpersonally threatening stimuli in borderline personality disorder, *Psychopathology*.
- Olsson, A.**, Knapska, E., Lindström, B. (2020). The neural and computational systems of social learning. *Nature Reviews Neuroscience*, 21, 197–212.
- Stussi, Y., Pourtois, G., **Olsson, A.**, & Sander, D. (2020). Learning biases to angry and happy faces during Pavlovian aversive conditioning, *Emotion*, Jun;21(4):742-756.
- Lindström, B., Golkar, A., Jangard, S., Tobler, P. N., & **Olsson, A**. (2019). Social threat learning transfers to decision making in humans. *Proceedings of the National Academy of Sciences (PNAS)*, 116, 4732-4737.

- Selbing, I., & **Olsson, A.** (2019). Anxious behaviour in a demonstrator affects observational learning. *Scientific Reports*, 9, pp. 9181.
- Olsson, A.**, FeldmanHall, O., Haaker, J., & Hensler, T (2018). Social regulation of survival circuits through learning. *Current Opinion in Behavioral Sciences*, 24, 161-167.
- Lindström, B., Haaker, J. & **Olsson, A.** (2018). A common neural network differentially mediates direct and social fear learning. *NeuroImage*, 167, 121-129.
- Lindström, B., Jangard, S., Selbing, I. & **Olsson, A.** (2018). The role of a "common is moral" heuristic in the stability and change of moral norms. *Journal of Experimental Psychology: General*, 147(2), 228-242.
- Pärnamets, P; Granwald, T; **Olsson, A** (2018). Building and Dismantling Trust: From Group Learning to Character Judgments Conference, *Proceedings of the 40th Annual Conference of the Cognitive Science Society*, Cognitive Science Society, Austin, TX, 2018.
- Selbing, I. & **Olsson, A.** (2017). Beliefs about others' abilities alter learning from observation. *Scientific Reports*, 7, 16173.
- Golkar, A. & **Olsson, A.** (2017). The interplay of social group biases in social threat learning. *Scientific Reports*, 7, 7685.
- Haaker, J., Golkar, A., Selbing, I. & **Olsson, A.** (2017). Assessing social transmission of threats in humans using the observational fear conditioning procedure. *Nature Protocols*, 12, 1378–1386.
- Debiec, J., & **Olsson, A.** (2017). Social Fear Learning: From Animal Models to Human Function, *Trends in Cognitive Sciences, TICS*, 21, 546-555.
- Haaker, J., Yi, J., Petrovic, P. & **Olsson, A.** (2017). Endogenous opioids regulate social threat learning in humans. *Nature Communications*, 8, 15495.
- Louzolo, A., Gustavsson, P., Tigerstrom, L., Ingvar, M., **Olsson, A.**, Petrovic, P. (2017). Delusion-proneness displays comorbidity with traits of Autistic-Spectrum Disorders and ADHD, *PLOS One*, in press.
- Nilsson, G., Tamm, S., Golkar, A., Sörman, K., Howner, K., Kristiansson, M., **Olsson, A.**, Ingvar, M., & Petrovic, P. (2017). Effects of 25 mg oxazepam on emotional mimicry and empathy for pain: a randomized controlled experiment. *Royal Society Open Science*.
- Haaker, J., Molapour, T., & **Olsson, A.** (2016). Conditioned social dominance threat: Observation of others' social dominance biases threat learning. *Social Cognitive and Affective Neuroscience*, nsw074.
- Golkar, A., Haaker, J., Selbing, I., & **Olsson, A.** (2016). Neural signals of vicarious safety learning *Social Cognitive and Affective Neuroscience*, nsw068.
- Balkenius, C., Cañamero, L., Pärnamets, P., Johansson, B., V. Butz, M. & **Olsson, A.** (2016) Outline of sensory-motor perspective on intrinsically moral agents. *Adaptive Behavior*.
- Lindström, B., Selbing, I., & **Olsson, A.** (2016). Co-evolution of social learning and evolutionary preparedness in dangerous environments. *PloS one*.
- Molapour, T., Lindström, B., & **Olsson, A.** (2016). Aversive learning influences anti-social behavior. *Frontiers in Psychology*, 7:833
- Golkar, A., & **Olsson, A.** (2016). Immunization against social fear learning. *Journal of Experimental Psychology: General*, 145(6), 665.
- Olsson, A.**, Kopsida, E., Sorjonen, K., & Savic, I. (2016). Testosterone and estrogen impact social evaluations and vicarious emotions: A double-blind placebo-controlled study. *Emotion*, 16(4), 515.
- Olsson, A.**, McMahon, K., Papenberg, G., Zaki, J., Bolger, N., & N. Ochsner, K. N. (2016). Vicarious Fear Learning depends on Empathic Appraisals and Trait Empathy. *Psychological Science*, 27(1):25-33.
- Molapour, T., Golkar, A., Navarrete, C.D., Haaker, J., **Olsson, A.** (2015) Brain substrates of biased fear learning and social interaction in an intergroup context. *NeuroImage*, 121, 171-83.
- Petrovic, P., Ekman, C-J., Klahr, J., Tigerström, L., Rydén, G., Johansson, A.G.M., Sellgren, C., Golkar, A., **Olsson, A.**, Öhman, A., Ingvar, M., & Landén, M. (2015) Significant gray matter changes in a region of the orbitofrontal cortex in healthy participants predicts emotional dysregulation. *Social Cognitive and Affective Neuroscience*, 11(7), 1041-9.
- Kleberg, J.L., Selbing, I., Lundqvist, D., Hofvander, B., & **Olsson, A.** (2015) Spontaneous eye movements predict vicarious learning of fear. *International Journal of Psychophysiology*, 3, 577–583.
- Lindström, B., Golkar, A., & **Olsson, A.** (2015). A clash of values: Fear-relevant stimuli can enhance or corrupt adaptive behavior through competition between Pavlovian and instrumental valuation systems. *Emotion*, 5, 668-676.

- Lindström, B. & **Olsson, A.** (2015). Mechanisms of social avoidance learning can explain the emergence of adaptive and arbitrary behavioral traditions in humans. *Journal of Experimental Psychology: General*, *144*, 688-703.
- Golkar, A., Björnstjerna, M., & **Olsson, A.** (2015.) Learned fear to social outgroup members are determined by ethnicity and prior exposure. *Frontiers in Psychology*, *6*.
- Golkar, A., Castro, V. & **Olsson, A.** (2015). Social learning of fear and safety is determined by the demonstrator's racial group. *Biology Letters*, *11*.
- Hirst, W, Phelps, E.A., Meskin, R., Vaidya, C.J., Johnson, M., Mitchell, K., Buckner, R.L., Budson, A.E., Gabrieli, J.D.E., Lustig, C., Marther, M., Ochsner, K.N., Schacter, D., Simons, J.S., Lyle, K.B., **Olsson, A.** (2015). A ten-year follow-up of a study of memory for the attack of September 11, 2001: Flashbulb memories and memories for flashbulb events. *Journal of Experimental Psychology: General*, *144*(3), 604-623.
- Olsson, A***, Kross, E*, Nordberg, S., Weinberg, A., Weber, J., Schmer-Galunder, S., Fossella, J., Wager, T., Bonanno, G. A., & Ochsner, K. N. (2014). Neural and genetic markers of vulnerability to posttraumatic stress symptoms among survivors of the World Trade Center attacks. [*equal contributions], *Social Cognitive and Affective Neuroscience*, *10*, 863-868.
- Selbing, I., Lindström, B., & **Olsson, A.** (2014) Demonstrator Skill Modulates Observational Aversive Learning. *Cognition*, *133*(1), 128-139.
- Lindström, B. R., Selbing, I., Molapour, T., & **Olsson, A.** (2014). Racial bias shapes social reinforcement learning, *Psychological Science*, *25*(2), 711-719.
- Golkar, A, Selbing, I., Flygare, O., Ohman, A., **Olsson, A.** (2013). Other people as means to a safe end: Vicarious extinction blocks the return of learned fear, *Psychological Science*, *24*(11), 2182-2190.
- Lindström, B. R., Berglund Mattsson-Marn, I., Golkar, A., **Olsson, A.** (2013). In your face: Risk of punishment enhances cognitive control and error-related activity in the corrugator supercilii muscle, *Plos ONE*, *8*(6), e65692.
- Olsson, A.**, Carmona, S., Bolger, N., Downey, G., & Ochsner, K.N. (2013). Learning Biases Underlying Individual Differences in Sensitivity to Social Rejection, *Emotion*, *13*(4), 616-621.
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