

# CURRICULUM VITAE

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## Employment

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

## 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 Ochsner)

## Education

- Ph.D., Psychology, New York University, Cognition & Perception Program, 2006 (Advisor: Elizabeth 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

- Consolidator Grant, Swedish Research Council (Vetenskapsrådet), (2018-2024): *1,2 mil. 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: Åsa Wikforss, Stockholm Univ.*
- Swedish Research Council (Vetenskapsrådet) (2021-2024): *520 000 Euro, PI: Sabina Cehajic-Clancy, Stockholm Univ.*

## 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 (deputy chair 2019, appointed chair 2021), Review panel SH4–The Human Mind and Its Complexity, Evaluating Starting Grants, European Research Council (ERC), 2015—present.
- Member external advisor panel for research quality (RQ20) of Lund University, May, 2020
- Member editorial board and associate editor *Social Cognitive Affective Neuroscience*, 2018 – present.
- Chair of steering committee for Core Facility UMove, Karolinska Institutet, Department of Neurobiology, Care sciences and Society, 2020 – present.
- Member, board of admission for the doctoral program, Department of Clinical Neuroscience, KI, 2012 – present.
- Member steering committee, and deputy head of Division of Psychology, Department of Clinical Neuroscience, Karolinska Institutet, 2018 – present.
- 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.
- Board member and teacher representative, Committee for internationalization of the clinical psychology program, KI, 2011 – present.
- 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, Department 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., 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 9 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.

### **Ongoing and past supervision of post-doctoral fellows, serving as main supervisor (6 ongoing, 5 past)**

- Yafeng Pan, PhD, East China Normal Univ/Univ. Brussels (2019—present).
- Amy Walsh, PhD, Vicotria Univ of Wellington, NZ (2019 – present)
- Nina Becker, Ph.D, Aging Research Center (2018 – present).
- Joana Vieira, Ph.D., Georgetown Univ. (2018 – present).
- Philip Pärnamets, Ph.D., Cognitive Science, Lund University (2015 – present).
- Tanaz Molapour, Ph.D. Psychology, Kaolinska Institutet (2015 – present, jointly w CalTech).
- Ida Selbing, Ph.D, Psychology, Karolinska Intitutet (2017 – 2018; 2021 – present).
- 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.
- Irem Undeger (main supervisor), begun 2015-09-01. Co-supervisors: Fredrik Åhs, Armita Golkar
- Jonathan Yi (main supervisor), begun 2015-09-01. Co-supervisors: Jan Haaker, Karin Jensen, Philip Pärnamets.
- Lisa Espinosa (main supervisor), to start 2017-05-30. Co-supervisor: Emily Holmes

### **Ongoing supervision of PhD candidates, serving as co-supervisor (1)**

- Troy Dildine (co-supervisor), begun Nov 1<sup>st</sup>, 2016. Main supervisor: Lauren Atlas; NIH; USA

### **Past supervision of PhD candidates (3 as main and 5 as co-supervisor)**

- Dr. Ida Selbing (main supervisor), begun 2012-01-01. Defense successfully completed Sep 18<sup>th</sup> 2017.
- Dr. Björn Lindström (main supervisor), begun on 2010-02-01. Defense successfully completed Aug 29<sup>th</sup>, 2014.
- Dr. Tanaz Molapour (main supervisor), begun 2012-01-01. Defense successfully completed Oct 21, 2016.
- Dr. Anais Louzolo (co-supervisor), begun 2011-09-01. Defense successfully completed Oct 17<sup>th</sup>, 2017. Main supervisor: Predrag Petrovic, KI.
- Dr. Steve Berggren (co-supervision), begun 2013-09-01. Defense successfully completed June 16<sup>th</sup>, 2017. Main supervisor Sven Bölte, KI.
- Dr. Arvid Guterstam (co-supervisor), begun 2011-01-01. Defense successfully completed Aug 26<sup>th</sup>, 2016.
- Dr. Tina Sundelin (co-supervisor), begun 2011-09-01. Defense successfully completed June 12<sup>th</sup>, 2015. Main supervisor: John Axelsson, KI.
- Dr. Susanna Carmona Canabate, Universidad de Autonoma, Barcelona, Ph.D. 2009. Co-supervised 2007-2008, during her stay at Columbia University.

### **Peer-reviewed papers**

- 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*.
- Undeger, I., Visser, R. M., & **Olsson, A.** (2020). Neural pattern similarity unveils the integration of social information and aversive learning, *Cerebra Cortex*.
- 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, in press*.
- 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, in press*.
- 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-moto 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.
- Sundelin, T., Lekander, M., Kecklund, G., Van Someren, E. J. W., **Olsson, A.**, & Axelsson, J. (2012). Cues of fatigue: Effects of sleep deprivation on facial appearance, *Sleep*, 36(9), 1355.
- Golkar, A., Bellander, M., **Olsson, A.** & Öhman, A. (2012). Are fear memories erasable? –reconsolidation of learned fear with fear relevant and fear-irrelevant stimuli. *Frontiers in Behavioral Neuroscience*, 6(80).
- Golkar, A, Lonsdorf, T, **Olsson, A.**, Schalling, M, Ingvar, M, & Ohman, A. (2012). Distinct Contributions of the Dorsolateral Prefrontal and Orbitofrontal Cortex during Emotion Regulation, *Plos One*, 7(11), e48107.
- Navarrete, C. D., McDonald, M.M. Asher, B.D., Kerr, N.L., Yokota, K., **Olsson, A.**, Sidanius, J. (2011). Fear is Readily Associated with an Out-group Face in a Minimal Group Context. *Evolution & Human Behavior*, 33(5), 590-593.
- Axelsson J., Sundelin T., Ingre M., van Someren, E. J. W., **Olsson, A.** & Lekander M. (2010). Beauty sleep: Sleep history affects perceived attractiveness and health. *British Medical Journal*, December issue, 341:c6614.
- Olsson, A.** (2010). Social Learning of Fear. In N. M. Seel (Ed.), *Encyclopedia of the Sciences of Learning*. Springer Publishing: New York/Berlin.
- Olsson, A.** & Öhman, A. (2009). “Biological blindness”: A Viable Route to Understanding Behavioral Phenomena? *Behavioral and Brain Science*, 32, 220-221.
- Navarrete, C. D., **Olsson, A.**, Ho, A., Mendes, W., Thomsen, L., & Sidanius, J. (2009). The Roles of Race and Gender in the Persistence of Learned Fear. *Psychological Science*, 20, 155-158.
- Olsson, A** & Ochsner, K. N. (2008). The Relationship Between Emotion and Social Cognition. *Trends in Cognitive Science*, 12, 65-71.

- Olsson, A.** & Phelps, E. A. (2007). Social Learning of Fear. *Nature Neuroscience*, 10, 1095-1102.
- Olsson, A.**, Nearing, K.I., Phelps, E.A. (2007). Learning Fears by Observing Others: The Neural Systems of Social Fear Transmission. *Social Cognitive and Affective Neuroscience*, 2, 3-11.
- Delgado, M. R., **Olsson, A.**, Phelps, E.A. (2006). Extending Animal Models of Fear Conditioning to Humans. *Biological Psychology*, 73, 39-48.
- Johansson, P., Hall, L., Sikstrom, S., **Olsson, A.** (2005) Choice Blindness: On the Failure to detect Mismatches Between Intention and Outcome in a Simple Decision Task. *Science*, 310, 116-119.
- Olsson, A.**, Ebert, J. P., Banaji, M. R., & Phelps, E. A. (2005). The Role of Social Groups in the Persistence of Learned Fear. *Science*, 309, 785-787.
- Olsson, A.** & Phelps, E. A. (2004). Learned Fear of 'Unseen' Faces after Pavlovian, Observational, and Instructed Fear. *Psychological Science*, 12, 822-828.
- Stenberg, G., Lindgren, M., Johansson, M., **Olsson, A.**, Rosen, I. (2000). Semantic Processing Without Conscious Identification-Evidence from Event-Related Potentials. *Journal of Experimental Psychology; Learning, Memory and Cognition*, 26, 973-1004.

#### **Peer-reviewed book chapters in international publications**

- Olsson, A.**, Pärnamets, P., Nook, E. C., & Lindström, B. (2020). Social learning of threat and safety. In M. S. Gazzaniga, G. R. Mangun, & D. Poeppel (Ed.), *The Cognitive Neurosciences* (6th ed.). MIT Press, *in press*.
- Espinosa, L., Golkar, A., **Olsson, A.** (2020). Mentalizing in Value Based Vicarious in M. Gilead and K. N. Ochsner (Ed.) Learning in The Neural Basis of Mentalizing - A Social-Cognitive and Affective Neuroscience Perspective. Springer Nature, *in press*.
- Lanbeck, N; Garcia, D, Amato, C; **Olsson, A.** & Sikström, S. (2020). Implicit attitudes: Quantitative semantic misattribution procedure in Statistical Semantics: Methods and Applications, Springer, *in press*.
- Olsson, A.** & Spring, V. (2018). The Vicarious Brain: Integrating Empathy and Emotional Learning in K. Z. Meyza and E. Knapska Eds *Neuronal correlates of empathy: From rodent to man*. Elsevier.
- Olsson, A.** & Undeger, I., Yi, J. (2015). Emotional learning and regulation in social situations. In J. R. Absher and J. Clouthiers (Ed.) *Neuroimaging Personality, Social Cognition and Character*. Elsevier.
- Olsson, A.** (2011). The Impact of Social Cognition on Emotional Learning *From and About Others: A Neurobiological Perspective*. In T. Schachtman & S. Reillys' *Associative Learning and Conditioning: Human and Animal Applications*. Oxford University Press.
- Olsson, A.** & Öhman, A. (2009). The Affective Neuroscience of Emotion; Automatic Activation, Interoception and Emotion Regulation, In J. T. Cacioppo & G. G. Berntson (Ed.), *Handbook of Neuroscience for the Behavioral Sciences*. John Wiley and Sons Press.
- Olsson, A.** & Phelps, E. A. (2007). Understanding Social Evaluations: What We Can (and Cannot) Learn from Neuroimaging, In B. Wittenbrink & N. Schwarz (Ed.), *Implicit measures of attitudes: Procedures and controversies*. New York: Guilford Press.

#### **Book**

- Klintman, M., Lunderquist, T., & **Olsson, A.** (2018). *Gruppens Grepp*. Natur and Kultur. ISBN 9789127819986

#### **Book chapters in Swedish and monographs**

- Olsson, A.** (2013). Empati ur ett socialt och kognitivt neurovetenskapligt perspektiv [The Social and Cognitive Neuroscience of Empathy] in H. Bohlin & J. Eklunds (Eds.) Empati: En Antologi [Empathy: An Anthology]. *In press*, Studentlitteratur.
- Öhman, A. & **Olsson, A.** (2012). Emotion in Hjärnan [The Brain] Lars Olson (Ed.) Karolinska University Press.
- Olsson, A.** (2003). Emotion and Motivation in Learning: Current Research, Practical Implications, and Future Directions. *Lund University Cognitive Studies*, 112.

#### **Popular scientific publications and contributions to media (selection)**

- Olsson, A.** Discussion on stage at the Swedish Book fair (Psykologiscenen, Bokmässan, Göteborg), 10/4/18 « Så skapas fördomar – Vi och Dom » med Mikael Klintman och Agneta Lagerkrantz, <https://www.youtube.com/watch?v=bTY-gICSGOw>
- Olsson, A.** Presentation på Skolläkaredagen 2/3/17, Gävle, Våldsamma datorspel – påverkan på empati, attityder och sociala beteenden,.

- Olsson, A.** Presentation på Hjärnans Dag, Hjärnans Dag 4/4/17, Polhemskolan, Vår Sociala Hjärna: Hur vi lär oss emotionell information från och om andra.
- Olsson, A.** Presentation på Hjärndagen, Forskning och Framsteg, 11/11/16, Vår Sociala Hjärna: Hur vi lär oss emotionell information från och om andra, Hotel Rival, Stockholm.
- Olsson, A.** Conversation in the Meet the expert session, European Association for Cognitive Behavioral Therapy, Stockholm, Sept 31st, 2016.
- Olsson, A.** (2016). Att välja empati. *Forskning och Framsteg*, November issue.
- Olsson, A., Petrovic, P., Ingvar, M.** (2012). "Våldsamma datorspel kan visst påverka ungas hjärnor", Opinion editorial [DN Debatt] in the *Dagens Nyheter*, largest Scandinavian daily newspaper 12/1/12).
- Olsson, A, Petrovic, P, Larsson, H, Ingvar, M.** (2011). Grovt felaktigt om forskningen. Opinion in the debate on violent computer games. *Sydsvenska Dagbladet* (11/1/13).
- Petrovic, P, **Olsson, A, Larsson, H, Ingvar, M.** (2010). Dataspelsvåld minskar ungas förmåga till empati [Eng.: 'Violent computer games impairs empathic ability']. Opinion editorial [DN Debat in the *Dagens Nyheter*, largest Scandinavian daily newspaper, (10/12/18).
- Olsson, A.** (2007). The Neurobiology of Dread. *Scientific American, Mind Matters* (03/12/07)  
[http://blog.sciam.com/index.php?title=the\\_neurobiology\\_of\\_dread](http://blog.sciam.com/index.php?title=the_neurobiology_of_dread)
- Olsson, A.** (2003). Så fina åsikter - så bedrägligt beteende [Virtuous Attitudes and Vicious Behavior] Essay published in the *Dagens Nyheter*, largest Scandinavian daily newspaper, (03/09/03).
- Guest in the talk-show** Filosofiska Rummet [The Philosophical Room], *Swedish National Public Radio* on the themes: Fake News (04/09/2017); Universal Ethics and Science (15/05/2016); Prejudice (02/03/2008); and Civil society (08/29/2004).

#### Editorial services

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

**Ad hoc reviewer:** Biological Psychology; Biological Psychiatry; Brain Research, Clinical Psychological Science; Cognition, Current Biology; Current Directions in Psychological Science; Developmental Science; Emotion; Experimental Psychology; J. of Behavior Therapy and Experimental Psychiatry; J. of Cognitive Neuroscience; J. of Neuroscience; J. of Personality and Social Psychology; J of Experimental Psychology: Animal Behavior; J. of Experimental Psychology: Learning, Memory and Cognition; J. of Experimental Social Psychology: General; Neuropsychopharmacology; NeuroImage; Neuropsychologia; Pain; PNAS (Proceeding of the National Academy of Science), Psychological Science; Psychological Science in the public interest; Psychophysiology; Scientific Reports; Social Cognitive Affective Neuroscience (SCAN); Social Neuroscience; Trends in Cognitive Science.

#### Invited colloquia (selection)

- Linköping University, Center for Social and Affective Neuroscience, Dec. 19, 2019.
- Karolinska Institutet, Division of Psychology, Psychology Lunch Seminar, Nov. 13, 2019.
- University of Glasgow, Centre for Social, Cognitive and Affective Neuroscience (CSCAN Rounds), April 4, 2019.
- Universitat Autònoma de Barcelona, Institute of Neuroscience Seminar, Feb. 1, 2019.
- Summer Institute of Cognitive Neuroscience, Lake Tahoe, July 12, 2018.
- Scientific colloquium speaker series, Central Institute of Mental Health, Mannheim, Nov 20, 2018.
- University of Amsterdam, Amsterdam Brain & Cognition Series, Univ of Amsterdam, May 2018.
- Santander Summer School, Univ of Heidelberg, April, 2017.
- Swedish Collegium for Advanced Study (SCAS) Symposium, Uppsala, April, 2017.
- Nencki Institute for Experimental Biology, Warszawa, Jan., 2017.
- Beijer Institute, Kungliga Vetenskapsakademien, June 3, 2014.
- University of Bochum, Graduate School on Extinction Learning, Nov., 2013.
- Stockholm University, Departmental Colloquium, May, 2013.
- University of Würzburg, Spring School on Emotion, April, 2013.
- University College London, The Affective Brain Talk series, March, 2013.
- University of Amsterdam Symposium on Emotional Memory, CSCA, June, 2012.
- Swedish Neuropsychological Society, Annual meeting, Nov., 2012.

Neurospin, Paris & Swedish Embassy in France, April, 2012.  
 Karolinska Institute, Department of Clinical Neuroscience, March, 2012.  
 Swedish Parliament, The Swedish Society of Parliamentarians & Scientists, March, 2012.  
 Charité Berlin, Department of Psychiatry, Scientific Colloquium, Dec., 2010.  
 Umea Univ., Department of Psychology, Departmental Colloquium, Dec., 2010.  
 Stockholm Brain Institute (SBI), Retreat in Sandhamn, Sept., 2009.  
 Karolinska Institute, Department of Psychiatry, Anxiety and Affective Seminar, June, 2009.  
 Yale Univ., Department of Psychology, Social Speaker Series, March 2009.  
 Zurich Univ., Center for Social and Neural Systems Research, Nov., 2008.  
 Harvard Univ., Department of Psychology, Cognitive Colloquia, April 2008.  
 Univ. College London, Functional Imaging Labs, Brain Meeting Talk, December 2007.  
 New York Group of Neuropsychologists (NYGN), NYAS, NY, Sept., 2007.  
 Univ. of Florida, Gainesville, NIMH Center for the Study of Emotion & Attention, April 2007.  
 Columbia Univ., Department of Psychology, Social Seminar Series, April 2007.  
 Univ. of Barcelona, Neuroscience Unit, Feb., 2007.  
 Cornell Univ., Sackler Institute for Developmental Biology, Jan., 2007.

#### **Invited talks at international conferences (selection)**

- Olsson, A.** (2019). Social Learning and Decision-Making under Threat. *International Congress of the World Association for Stress Related and Anxiety Disorders (WASAD)*, Wurzburg, Oct 5.
- Olsson, A.** (2019). Social Shades of Gray: The role of the PAG in vicarious fear learning. *PAG: Functions across species*, mini conference at Hamburg Eppendorf, Oct 2.
- Olsson, A.** (2019). The impact of social threat learning on decision-making. *Symposium on Biology of Decision Making (SBDM)*, Oxford, May 27.
- Olsson, A.** (2018). The social transmission of emotions: From social to neural networks. *Social & Affective Neuroscience Society Annual Meeting*, Los Angeles, May 3-5.
- Olsson, A.** (2017). New approaches to social learning of affective information. *Social & Affective Neuroscience Society Annual Meeting*, Los Angeles, March 16-18.
- Olsson, A.** (2016). Social safety learning through vicarious extinction, European Association for Cognitive Behavioral Therapy, Stockholm, Sept 31st, 2016
- Olsson, A.** (2016). Experimental models of social conditioning and extinction. *European College of Neuropsychopharmacology (ECNP)*, Nice, March, 2016
- Olsson, A.**, Golkar, A., Haaker, J. (2015). Observational fear and safety learning in humans. Talk given at the *S4SN 2015 Annual Meeting*, Chicago, Oct. 16.
- Olsson, A.** (2015). Social Learning of Threat and Safety. Talk given at the Cambridge University, *Maddingley Hall Trauma Film Meeting*, Sept., 2015
- Olsson, A.** (2015). Social Learning of Threat and Safety. *The 4th Champalimaud Neuroscience Symposium*, Lisbon, Sept., 2015
- Olsson, A.** (2015). Social learning of threat and safety in an intergroup context, Talk given at *Annual Conference of the Association for Affective Science*, Oakland, April 10.
- Olsson, A.** (2015). *Neurobiology of Parenting, Berzelius symposium*, Stockholm, July, 2015
- Olsson, A.** (2014). *Culture, Brain, Learning, Wallenberg Network Initiative Conference*, Lund, Nov, 2014
- Olsson, A.** (2013). Aversive Learning and Extinction in Social Contexts. Talk given at the University of Bochum. *Young Scientist symposium on Extinction Learning*, Nov. 26<sup>th</sup>.
- Olsson, A.**, Golkar, A., & Selbing, I. (2013). Vicarious Extinction Blocks the Return of Learned Fear. Talk given at the *13th European Congress of Psychology*, Stockholm, July 10th, 2013.
- Olsson, A.** (2013). Emotional Learning in social interaction. Talk given at University of Würzburg, *Spring School on Emotion Symposium*, April, 2013.
- Olsson, A.** (2012). Fear learning in social interaction. Talk given at *CSCA Summer School Symposium*, Amsterdam, June 29<sup>th</sup>.
- Olsson, A.** (2011). Reinstatement of conditioned fear following vicarious and direct extinction training. Talk given at the *European Meeting on Human Fear Conditioning*. Bruges, May, 30th.



- Olsson, A.** (2011). The persistence of learned fear of faces belonging to members of racial ingroups and outgroups. Talk given at the *European Association of Social Psychology, 16<sup>th</sup> General Meeting*, Stockholm, July 12-16.
- Olsson, A.** (2009). Learning From and About Others: the Cognitive Neuroscience of Social Fear Learning. Talk given at the *European Meeting on Human Fear Conditioning*. Bruges, May, 24-26.
- Olsson, A.** (2008). Beyond Association: The Role of Empathy in Vicarious Fear Learning. Talk given at the *International Conference of Psychology*, Berlin, July 20-25.
- Olsson, A.**, Zaki, J., Phelps, E. A., Bolger, N., & Ochsner, K. N. (2007). The Role of Empathy in Fear Learning through Social Observation. Talk given at the *Neural Systems of Social Behavior Conference*. Austin, May 11-13.
- Navarrete, C. D., **Olsson, A.**, Ho, A., Mendes, W., Thomsen, L., Sidanius, J. (2007). The Role of Gender and Race in the Persistence of Learned Fear. Talk given at the *Society for Personality and Social Psychology Annual Meeting*, Jan. 20-22.
- Phelps, E. A., Delgado, M. R., & **Olsson, A.** (2006). The Neural Systems of Social Fear Learning. Invited Symposium at the *Annual Meeting of Cognitive Neuroscience Society*, April 10-12.
- Phelps, E. A. & **Olsson, A.** (2005). Social Learning of Fear. Invited talk at the 2<sup>nd</sup> preconference on Social Cognitive Neuroscience in conjunction with the *Annual Meeting of Cognitive Neuroscience Society*, April 10-12.
- Olsson, A.** (2004). Learning From and About Others: Linking Basic and Applied Research on Learning. *Emotions, Learning and Education Conference, OECD Centre for Educational Research and Innovation (CERI)*, November 8-9.
- Olsson, A.** & Phelps, E. A. (2004). The Role of the Amygdala in Observational Fear Learning. Invited Symposium at the *Annual Meeting of American Psychological Society*, May 27-30.
- Phelps, E. A., **Olsson, A.**, Banaji, M., & Ebert, J. (2004). Fear Learning and Race. Talk given at the *First Conference on Social Neuroscience*, Chicago University, May 14.
- Stenberg, G., Lindgren, M., **Olsson, A.**, Johansson, M., Rosen, I. (1998). Semantic Processing of Words without Conscious Identification: an ERP-Study. Talk given at the *International Conference of Psychophysiology*, September 13-19.

#### **Chairing of symposia at international conferences (selection)**

- Olsson, A.** (2016). Swedish Royal Academy of Science. To fear or not to fear? Symposium, Stockholm, Oct 20th.
- Olsson, A.** (2016). Trainee Blitz data session. *Social & Affective Neuroscience Society Annual Meeting 2016* New York, April 28-30.
- Olsson, A.** (2016). Avoidance. Symposium chaired at the Eight European meeting on human fear conditioning, Monastery Cenakel, Soesterberg. April 18-20.
- Olsson, A.** (2011). Stereotyping and aversion to minorities. Symposium chaired at the *European Association of Social Psychology, 16<sup>th</sup> General Meeting*, Stockholm, July 12-16.
- Olsson, A.** (2011). Exposure therapy and the return of fear. Symposium chaired at the Fourth European meeting on human fear conditioning, Rauschholzhausen, Germany, May 3-5.
- Olsson, A.** (2008). Vicarious Emotions. Symposium chaired at the *International Conference of Psychology*, Berlin, July 20-25.

#### **Conference presentations (selection of talks and posters with PhD students/postdocs)**

- Müllner-Huber, A., Anton-Boicuk, L., Pronizius, E., Lengersdorff, L., **Olsson, A.**, Lamm, C. (2020). The role of hypnotically modulated empathy in vicarious fear learning. The European Society for Cognitive and Affective Neuroscience (ESCAN), Budapest, July 1-4.
- Yi, J., Pärnamets, P., & **Olsson, A.** (2019). Facing threat: Facial but not learned dominance affects learning of optimal facial expressions in incentivized social interactions. Annual Meeting of the Social & Affective Neuroscience Society, Miami Beach, FL., May 2-4.
- Golkar, A., Espinosa, L., Dima, A., & **Olsson, A.** (2019). Shared safety prevents the recovery of learned threat. Annual Meeting of the Social & Affective Neuroscience Society, Miami Beach, FL. May 2-4.
- Pärnamets, P., Granwald, T., & **Olsson, A.** (2019). From trust in groups to trust in individuals. Annual Meeting of the Social & Affective Neuroscience Society, Miami Beach, FL May 2-4.

- Espinosa, L., Holmes, E., & **Olsson, A.** (2019). Support is not in the eye of the supporter: The impact of social support interactions on acquired threat. Annual Meeting of the Social & Affective Neuroscience Society, Miami Beach, FL. May 2-4.
- Nook, E. C., Holmes, E. A., Somerville, L. H., & **Olsson, A.** (2019). I see your fears: The role of empathy and mental imagery in contagious worries. Annual Meeting of the Social & Affective Neuroscience Society, Miami Beach, FL. May 2-4.
- Undeger, I., Visser, R. M., & **Olsson, A.** (2019, March) Associative learning via intentional and unintentional actions. Cognitive Neuroscience Society's 26th Annual Meeting, San Francisco, CA
- Yi, J., Pärnamets, P. & **Olsson, A.** (2018). Facing danger: Learning to avoid punishment through facial responses during social interactions. *Social & Affective Neuroscience Society Annual Meeting*, Los Angeles, May 3-5.
- Haaker, J., Lindström, B., Yi, J., Petrovic, P. & **Olsson, A.** (2018). Midbrain responses in social aversive learning: Neural and neuropharmacological mechanisms. *Social & Affective Neuroscience Society Annual Meeting*, Los Angeles, May 3-5.
- Hensler, T., Kaiser, D., Martin Cichy, D., Lundqvist, D\*. & **Olsson, A\***. (\* equal contributions). (2018). The influence of observational fear learning on emotional responses and neural stimulus representations.
- Undeger, I., Visser, M. R., Sequeira, R., & **Olsson, A.** (2018). Organization for Human Brain Mapping Annual Meeting, 17-21 June 2018, Singapore.
- Undeger, I., Visser, R. M., Golkar, A. & **Olsson, A.** (2018). Neural patterns formation via expectancy violations during learning from intentional threat. Sao Paulo School of Advanced Science on Social and Affective Neuroscience, 20-31 August 2018, Sao Paulo, Brazil.
- Pärnamets, P., Granwald, T., **Olsson, A.** Building and Dismantling Trust: From Group Learning to Character Judgments, July, 2018
- Lindström, B., Golkar, A., **Olsson, A.**, Kang, P., Tobler, P. N. Social fear learning biases decision-making via neural and computational Pavlovian mechanisms, May, 2018
- Haaker, J., Diaz-Mataix, L., Stark, S. A., Kern, L., LeDoux, J. D., **Olsson, A.** Observation of others reinstates threat memories in rats and humans, May 2018
- Undeger, I., Golkar, A., Pärnamets, P. & **Olsson, A.** Effects of agency on learning fear from others. Social & Affective Neuroscience Society Annual Meeting, Los Angeles, March 2017
- Pärnamets, P., Espinosa, L. & **Olsson, A.** Interpersonal synchronisation as a mediating mechanism in vicarious fear learning. Social & Affective Neuroscience Society Annual Meeting, Los Angeles, March 2017.
- Pärnamets, P. Lindström, B., Jangard, S. & **Olsson, A.** Computational mechanisms underlying moral choices' adjustment of descriptive norms. Social & Affective Neuroscience Society Annual Meeting, Los Angeles, March 2017
- Pärnamets, P. Hensler, T. & **Olsson, A.** Computational analysis of moral choices between racial in- and outgroup members. Social & Affective Neuroscience Society Annual Meeting, Los Angeles, March 2017.
- Pärnamets, P. & **Olsson, A.** Predictive gaze cues facilitate instrumental avoidance learning. *Society for NeuroEconomics Annual Meeting*, Berlin, August 2016
- Selbing, I. & **Olsson, A.** Descriptions of Others' Ability Corrupt Observational Learning. *Society for NeuroEconomics Annual Meeting*, Berlin, August 2016
- Haaker, J., Yi, J. & **Olsson, A.** Blockade of endogenous opioids enhances observational fear learning via teaching signals in the amygdala and PAG. *Social & Affective Neuroscience Society Annual Meeting*, New York, April 2016
- Golkar, A. & **Olsson, A.** (2016). Observational fear learning is determined by social group. *Social & Affective Neuroscience Society Annual Meeting*, New York, April.
- Molapour, T. & **Olsson, A.** (2016). Eye for an eye: reciprocal punishment in dyadic interactions. *Social & Affective Neuroscience Society Annual Meeting*, New York, April.
- Pärnamets, P. & **Olsson, A.** (2016). Predictive gaze cues facilitate instrumental avoidance learning. *Social & Affective Neuroscience Society Annual Meeting*, New York, April.
- Undeger, I. & **Olsson, A.** (2016). Effects of agency on learning fear from others. European Meeting of Human Fear Conditioning, Utrecht, April. (awarded best poster prize).
- Louzolo, A., Ingvar, M., **Olsson, A.**, Petrovic, P. (2016). Increased instructed and non-instructed evaluative conditioning in delusion proneness. *Annual meeting of the Organization for Human Brain Mapping*, Geneva, Switzerland, June 26-30.

- Haaker, J., Molapour, T. & **Olsson, A.** (2015). Social dominance threat is shaped by observing confrontations between others. *21st Annual meeting of the Organization for Human Brain Mapping*, Honolulu, June 14-18.
- Molapour, T., Golkar, A., Navarrete, C., Haaker, J., **Olsson, A.** (2015). Neural Correlates of Biased Social Fear Learning and Interaction in an Intergroup Context. *21st Annual meeting of the Organization for Human Brain Mapping*, Honolulu, June 14-18.
- Haaker, J., Yi, J., **Olsson, A.** (2015). Influence of opioidergic neurotransmission on vicarious acquisition of fear. *Seventh European Meeting on Human Fear Conditioning*, Bochum, May 2015.
- Lindström, B., Haaker, J., **Olsson, A.** (2015). Neural and computational underpinnings of social threat learning. *Association for Psychological Science Annual Convention*, New York, May 21-24.
- Haaker, J., Golkar, A., Selbing, I., **Olsson, A.** (2014). Observational Extinction Blocks Learned Fear by Recruitment of the vmPFC in humans. *Society for Neuroscience*, Washington, D.C., November 15-19.
- Olsson, A.**, Golkar, A., Selbing, I., & Haaker, J. (2014). Vicarious acquisition and extinction of fear. Talk given at the *European Society for Cognitive and Affective Neuroscience*, Dortmund, May 7-10.
- Olsson, A.**, Golkar, A., Selbing, I., & Haaker, J. (2014). Others as means to a safe end: Mechanisms of vicarious extinction. Talk given at the *6th Annual Meeting of the Social & Affective Neuroscience Society*, Denver, April 10-12.
- Olsson, A.**, Golkar, A., Selbing, I. (2013). Vicarious extinction blocks the return of learned fear. Talk presented at the *European Congress of Psychology*, Stockholm, July 9-12.
- Lindström, B. R., Selbing, I., Molapour, T., & **Olsson, A.** (2013). Racial Bias Shapes Social Reinforcement Learning, *25th APS Annual Convention*, Washington, May 23-26,
- Molapour, T., Golkar, A., Navarrete, C., Hjorth, O., **Olsson, A.** (2013). Brain responses during extinction of learned fear to racial in-group and out-group faces. *Cognitive Neuroscience Society Conference*, San Francisco, April 2013.
- Selbing, I., Lindström, B.R., Golkar, A., **Olsson, A.** (2013). Adaptive Observational Instrumental Learning. *Cognitive Neuroscience Society Conference*, San Francisco, April 2013.
- Lindström, B.R., Golkar, A., **Olsson, A.** (2013). The impact of social stimulus value on goal-directed aversive reinforcement learning. *Cognitive Neuroscience Society Conference*, San Francisco, April 2013.
- Golkar, A., Selbing, I., Flygare, O., **Olsson, A.** (2013). Vicarious extinction blocks the return of learned fear. *Cognitive Neuroscience Society Conference*, San Francisco, April 2013.
- Nilsson, G., Tamm, S., Golkar, A., Gospic, K., **Olsson, A.**, Ingvar, M., Petrovic, P. (2013). Pharmacological Manipulation of Empathy using Oxazepam. *Cognitive Neuroscience Society Conference*, San Francisco, April 2013.
- Lindström, B. R., Berglund Mattsson-Marn, I., Golkar, A., **Olsson, A.** (2012). Activity in the corrugator supercilii muscle as a novel index of punishment-guided cognitive control. (Abstract) *Annual Meeting of Cognitive Neuroscience Society*, Chicago, March 21-April 3.
- Nilsson, G., Tamm, S., Golkar, A., **Olsson, A.**, Ingvar, M., Petrovic, P. (2012). Effect of the benzodiazepine agonist oxazepam on psychophysiological and self-reported indices of empathy. *5th Annual Meeting of the Social & Affective Neuroscience Society*, NYC, April 20-21.
- Nilsson, G., Tamm, S., Golkar, A., **Olsson, A.**, Ingvar, M., Petrovic, P. (2012). *Pharmacological modulation of empathy using Oxazepam. Gordon conference: Neurobiology of cognition*, July 8-13.
- Olsson, A.**, Bjornstjerna, M., Berglund Mattsson-Marn, I., Ehrencrona, C-H., Golkar, A., Ohman, A. (2011). Reinstatement of Conditioned Fear Response following Direct and Vicarious Extinction. (Abstract) *51st Annual Meeting of the Society for Psychophysiological Research*, Boston, MA, Sept. 14-18.
- Golkar, A., Fürth, D., Bellander, M, **Olsson, A.**, Ohman, A. (2011). Fear extinction: Does the amount of exposure matter? (Abstract) *51st Annual Meeting of the Society for Psychophysiological Research*, Boston, MA, Sept. 14-18.
- Fürth, D, Ohman, A, & **Olsson, A.** (2011). Inter-individual variability, measurements and information in aversive learning. (Abstract) *51st Annual Meeting of the Society for Psychophysiological Research*, Boston, MA, Sept. 14-18.
- Olsson, A.** (2011). The persistence of learned fear of faces belonging to members of racial ingroups and outgroups. *European Association of Social Psychology, 16<sup>th</sup> General Meeting*, Stockholm, July 12-16.
- Sundelin, T., **Olsson, A.**, Lekander, M., & Axelsson, J.(2011). Tired and insignificant. (Abstract), *WorldSleep*, Kyoto, Oct 16-20.

- Sundelin, T., Ingre, M., Van Someren, E., **Olsson, A.**, Lekander, M., Axelsson, J. (2010). Feeling tired, looking sick. Talk given at the *Congress of the European Sleep Research Society*, Lisbon, Sept 14-18.
- Olsson, A.**, Furth, D., Andersson, E., Golkar, A., Lonsdorf, T., Ohman, A. (2009). Learning to Fear Others through Pavlovian Conditioning and Social Punishment. (Abstract) *Annual Meeting of the Society for Psychophysiological Research*. Berlin, Oct. 21-24.
- Golkar, A., Berggren, R., Lonsdorf, T., **Olsson, A.** & Ohman, A., (2009). Extinction of Conditioned Fear Responses to Masked Stimuli. (Abstract) *Annual Meeting of the Society for Psychophysiological Research*. Berlin, Oct. 21-24
- Olsson, A.** (2009). Learning From and About Others: the Cognitive Neuroscience of Social Fear Learning. Talk given at the *European Meeting on Human Fear Conditioning*. Bruges, May, 24-26.
- Olsson, A.** (2008). Beyond Association: The Role of Empathy in Vicarious Fear Learning. Talk given at the *International Conference of Psychology*, Berlin, July 20-25.
- Sundelin, T., Lekander, M., Ingre, M., Van Someren, E., **Olsson, A.**, Axelsson, J. (2008). The Sleeping Beauty: Sleep Deprivation Affects Perceived Attractiveness and Health. (Abstract). *Congress of the European Sleep Research Society*, Glasgow, Sept. 9-13.
- Olsson, A.**, Brodbeck, C., Bolger, N., & Ochsner, K. N. (2008). Attributions about Others' Intentions Affect Emotional Learning from Their Actions. (Abstract) *Annual Meeting of Cognitive Neuroscience Society*, San Francisco, April 12-15.
- Olsson, A.** Zaki, J., Phelps, E. A., Bolger, N., & Ochsner, K. N. (2007). The Role of Empathy in Fear Learning through Social Observation. Talk given at the *Neural Systems of Social Behavior Conference*. Austin, May 11-13.
- Olsson, A.**, Carmona, S., Katherine R., Downey, G., Ochsner, K. N. (2007) Perceiving Threat and Learning to Fear: Linking Rejection Sensitivity to Biases in Social Perception and Learning. (Abstract) *Annual Meeting of Cognitive Neuroscience Society*, May 5-8.
- Olsson, A.**, Ochsner, K. N., & Phelps, E. A. (2007). The Role of the Neural Circuitry underlying Empathy and Mental Attribution in Observational Fear Learning. (Abstract) *Annual Meeting of Cognitive Neuroscience Society*, May 5-8.
- Navarrete, C. D., **Olsson, A.**, Ho, A., Mendes, W., Thomsen, L., Sidanius, J. (2007). The Role of Gender and Race in the Persistence of Learned Fear. (Abstract) *NorthEast Evolutionary Psychology Society Conference*, April 13-14.
- Navarrete, C. D., **Olsson, A.**, Ho, A., Mendes, W., Thomsen, L., Sidanius, J. (2007). The Role of Gender and Race in the Persistence of Learned Fear. Talk given at the *Society for Personality and Social Psychology Annual Meeting*, January 20-22.
- Phelps, E. A., Delgado, M. R., & **Olsson, A.** (2006). The Neural Systems of Social Fear Learning. Invited Symposium at the *Annual Meeting of Cognitive Neuroscience Society*, April 10-12.
- Tärning, B., Hall, L., Johansson, P., Sikstrom, S., & **Olsson, A.** (2005). And Then What Happens? Implicit and Explicit Processes in Preference Change through Choice. (Abstract). *The Ninth Annual Meeting of the Association for the Scientific Study of Consciousness*, June 24-27, Pasadena, CA.
- Olsson, A.**, Ebert, J., Brennan, W., Banaji, M. R., Phelps, E. A. (2005). The Influence of Race on Extinction of Conditioned Fear. (Abstract). *Annual Meeting of Cognitive Neuroscience Society*, April 10-12.
- Phelps, E. A. & **Olsson, A.** (2005). Social Learning of Fear. Invited talk at the 2<sup>nd</sup> preconference on Social Cognitive Neuroscience in conjunction with the *Annual Meeting of Cognitive Neuroscience Society*, April 10-12.
- Ebert, J., **Olsson, A.**, Phelps, E. A., Banaji, M. R. (2005). Classical Conditioning Effects during Extinction as a Measure of Race Bias (Abstract). *Society for Personality and Social Psychology Annual Meeting*, January 20-22.
- Olsson, A.** (2004). Learning From and About Others: Linking Basic and Applied Research on Learning. *Emotions, Learning and Education Conference, OECD Centre for Educational Research and Innovation (CERI)*, November 8-9.
- Olsson, A.** & Phelps, E. A. (2004). The Role of the Amygdala in Observational Fear Learning. Invited Symposium at the *Annual Meeting of American Psychological Society*, May 27-30.
- Olsson, A.**, Nearing, K., Zeng, J., Phelps, E. A. (2004). Learning by Observing: Neural Correlates of Fear Learning through Social Observation (Abstract). *Annual Meeting of Society for Neuroscience*, October 23-27.

- Johansson, P., Hall, L., **Olsson, A.**, Sikstrom, S. (2004). From Change Blindness to Choice Blindness (Abstract). *Toward a Science of Consciousness Conference, Tucson, Arizona, April 7-11.*
- Johansson, P., Hall, L., Sikstrom, S., & **Olsson, A.** (2004). Facing changes: Choice blindness and facial attractiveness (Abstract). *International Journal of Psychology, 39*, 287-287.
- Phelps, E. A., **Olsson, A.**, Banaji, M., & Ebert, J. (2004). Fear Learning and Race. Talk given at the *First Conference on Social Neuroscience, Chicago University, May 14.*
- Olsson, A** & Phelps, E. A. (2003). Pavlovian and Instructed Aversive Learning: Skin Conductance Responses to Unmasked versus Masked Stimuli. (Abstract). *Annual Meeting of Cognitive Neuroscience Society, March 30- April 1.*
- Hall, L., Johansson, P., **Olsson, A** (2001). Why so Little Has Been Said about Telling More Than We Can Know: On Verbal Report and Mental Processes. (Abstract). *First International Conference on Social Cognitive Neuroscience, April 26-28.*
- Stenberg, G., Lindgren, M., Johansson, M., **Olsson, A.**, Rosen, I. (2000). Event-Related Potentials Reveal Semantic Processing of Words without Conscious Identification (Abstract). *International Journal of Psychology, 35* (3-4), 288.
- Stenberg, G., Lindgren, M., **Olsson, A.**, Johansson, M., Rosen, I. (1998). Semantic Processing of Words without Conscious Identification: An ERP-Study (Abstract). *International Journal of Psychophysiology, 30* (1-2), 97.
- Stenberg, G., Lindgren, M., **Olsson, A.**, Johansson, M., Rosen, I. (1998). Semantic Processing of Words without Conscious Identification: an ERP-Study. Talk given at the *International Conference of Psychophysiology, September 13-19.*