CURRICULUM VITAE

Andreas Olsson

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Current Position

- Associate Professor (Universitetslektor, Docent), Research group leader, and Lab Director, Division of Psychology, Department of Clinical Neuroscience, Karolinska Institutet, 2011-01-01 – 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

Education

- Ph.D. in Psychology, New York University, Cognition & Perception Program, 2006
- 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, University College London, 1996

Individual Grants as Principal Investigator

- Wallenberg Academy Fellow Award (2015-2019).
- European Research Council (ERC), Individual Starting Independent Research Grant 'Emotional Learning in Social Interaction' (2012-2017).
- Riksbankens Jubileumsfond (2012-2015).
- Swedish Research Council (Vetenskapsrådet) A0208401 (2011-2013).
- KI Developmental (KID) Funding, Karolinska Institutet (2012-2016 and 2015-2020).

Selected Academic Distinctions

- Wallenberg Academy Fellow, 2014
- KI Developmental (KID) Awards 2011 and 2015
- KI Foundation Young Investigator Award, Karolinska Institutet, 2010
- KI and Axel Hirsch´s Travel Award, Karolinska Institute, 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

Selected Commissions of Trust (*selection*)

- Member of the panel SH4–The Human Mind and Its Complexity, Evaluating Starting Grants, European Research Council (ERC), 2015—present.

- Invited reviewer for multiple international grant applications (National science foundations in Netherlands, USA (NSF), Belgium, Israel), and the European Research Council (Starting, Consolidator, and Advanced grants).
- Invited reviewer for multiple academic job applications (e.g. Assoc. Prof. at Umeå Univ., Oslo Univ., and Linneaus Univ.)
- Faculty opponent for PhD defense (Tomas Ågren), Uppsala University, Fall 2012.
- Member of 7 grading committees for doctoral thesis defense (Karolinska Institutet; National Institute of Health; Stockholm Univ.; Lund Univ.; Chalmers Univ. of Technology; Uppsala Univ.).
- Member of 6 half-time dissertation committees (KI & National Institute of Mental Health, NIMH, US).
- Invited external expert reviewer of 2 dissertations (Stockholm Univ. & Aalto Univ., Finland).
- Organizer of the bi-weekly research seminar at the Division of Psychology, Department of Clinical Neuroscience, KI (2010-13).

Board/Committee membership (selection**)**

- Elected member of executive committee, The Social & Affective Neuroscience Society, US, 2013 – present.
- Board member of the Scientific Council of Stockholm Brain Institute (SBI), 2012 – present.
- Departmental Admission Board for the doctoral program, Department of Clinical Neuroscience, KI, 2012 – present.
- Deputy-chair of the local organizational committee for the General Meeting of the European Association of Social Psychology (EASP), Stockholm, 2011.
- Board member and teacher representative, Committee for internationalization of the clinical psychology program, KI, 2011 – present.

Past supervision of doctoral candidates

- Björn Lindström (begun on 2010-02-01). Defense successfully completed Aug 29th, 2014. Main supervisor.
- Tina Sundelin (begun 2011-09-01). Defense successfully completed June 12th, 2015. Co-supervisor. Main supervisor: John Axelsson, KI.
- Susanna Carmona Canabate, Universidad de Autonoma, Barcelona, Ph.D. 2009. Co-supervised 2007-2008, during her stay at Columbia University.

Ongoing supervision of a PhD candidate serving as the <u>main</u> supervisor (4 Ph.D. students)

- Ida Selbing (begun 2012-01-01). Half-time successfully completed April 30th, 2014, Defense planned to 2016. Co-supervisor: Christian Balkenius, PhD.
- Tanaz Molapour (begun 2012-01-01). Half-time successfully completed Nov 11, 2014. Defense planned to 2016. Co-supervisor: Henrik. Ehrsson, PhD.
- Irem Undeger (begun 2015-09-01).
- Jonathan Yi (begun 2015-09-01).

Ongoing supervision of a PhD candidate serving as co-supervisor (3 Ph.D. students)

- Arvid Guterstam (begun 2011-01-01). Half-time successfully completed 2013. Planned defense 2016. Main supervisor: Henrik Ehrsson, KI
- Anais Louzolo (begun 2011-09-01). Half-time successfully completed 2014; Planned defense 2016. Main supervisor: Predrag Petrovic
- Steve Berggren (begun 2013-09-01). Half-time completed Sept 9, 2015. Defense expected 2017. Main supervisor Sven Bölte.

Ongoing career of earlier PhDs

- Susanna Carmona Canabate, Universidad de Autonoma, Barcelona, Ph.D. 2009; currently postdoc at Harvard University.
- Björn Lindström, Ph.D. 2014: currently postdoc at Zurich University.

Supervision of Post-doctoral fellows

- Philip Pärnamets, Ph.D., Cognitive Science, Lund University, 2015 (2015 – present).
- Björn Lindström, Ph.D., Psychology, Karolinska Institutet, 2014 (2014 – present, jointly with Zurich University).
- Jan Haaker, Ph.D., Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf, 2012) (2013 -- present).
- Armita Golkar, Ph.D., Psychology, Karolinska Institutet, 2012 (2013 – present, jointly with University of Amsterdam).
- Eleni Kopsida, Ph.D., Psychology, London University, 2012 (2012-2013).

Ad hoc reviewer: Biological Psychology; Biological Psychiatry; Brain Research, Cognition, Current Biology; 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; Neuropsychopharmachology; NeuroImage; Neuropsychologia; Pain; Psychological Science; Psychological Science in the public interest; Psychophysiology; Scientific Reports; Social Cognitive Affective Neuroscience (SCAN); Social Neuroscience; Trends in Cognitive Science.

Peer-Reviewed Papers

*Haaker, J., Molapour, T., & **Olsson, A**.* (2016). Threat learning is biased by previous observation of others social dominance. *Social Cognitive and Affective Neuroscience (SCAN), in press.*

Golkar, A., Haaker, J., Selbing, I., & **Olsson, A.** (2016). Neural signals of vicarious safety learning *Social Cognitive and Affective Neuroscience (SCAN), in press.*

Golkar, A., & **Olsson, A**. (2016) Immunization against social fear learning. *Journal of Experimental Psychology: General, in press.*

Olsson, A., McMahon, K., Papenberg, G., Zaki, J., Bolger, N., & N. Ochsner, K. N. (2015). Vicarious Fear Learning depends on Empathic Appraisals and Trait Empathy. *Psychological Science*, *in press*.

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*, *in press*.

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, 1*44, 688-703.

Olsson, A., Kopsida, E., Sorjonen, K., & Savic, I. (2015). Testosterone and estrogen differentially impact social cognitive and emotional functions in male and female healthy volunteers. *Emotion*, *in press*.

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, in press.*

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, EJW, **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. Undeger, I., Yi, J. (2015). Emotional learning and regulation in social situations. In J. R. Absher and J. Clouthiers' *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 (Eds.), *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 (Eds.), *Implicit measures of attitudes: Procedures and controversies*. New York: Guilford Press.

Manuscripts under revision and review

Olsson, A., Brodbeck, C., Bolger, N., & Ochsner, K. N. Once shocked, twice shy: How perception of the intent to punish influences negative evaluations and conditioned fear of others (*invited revision*).

Lindström, B., Selbing, I., & **Olsson, A**. Co-evolution of social learning and evolutionary preparedness in dangerous environments (*invited revision*).

Molapour, T., Lindström, B., & **Olsson, A**. Aversive learning influences anti-social behavior (under review).

Book Chapters in Swedish and Monograph

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., Petrovic, P., Ingvar, M. (2012). "Våldsamma datorspel kan visst påverka ungas hjärnor", Opinion editorial [DN Debatt] in the *Dagens Nyheter*, largest Scandinavian daily newspaper 12/01/12).

Olsson, A, Petrovic, P, Larsson, H, Ingvar, M. (2011). Grovt felaktigt om forskningen. Opinion in the debate on violent computer games. *Sydsvenska Dagbladet* (11/01/13).

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

Olsson, A. (2003). Så fina åsikter - så bedrövligt 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: Universal Ethics and Science (15/05/2016); Prejudice (02/03/2008); and Civil society (08/29/2004).

Invited Colloquia (*selection*)

European College of Neuropsychopharmacology (ECNP), Nice, March, 2016
Cambridge University, Maddingley Hall Trauma Film Meeting, Sept., 2015
The 4th Champalimaud Neuroscience Symposium, Lisbon, Sept., 2015
Neurobiology of Parenting, Berzelius symposium, Stockholm, July, 2015
Culture, Brain, Learning, Wallenberg Network Initiative, Lund, Nov, 2014
Beijer Institute, Kungliga Vetenskapsakademin, 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, November 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, December, 2010
Umea Univ., Department of Psychology, Departmental Colloquium, December, 2010
Stockholm Brain Institute (SBI), Retreat in Sandhamn, September, 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, November 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, September 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, February 2007
Cornell Univ., Sackler Institute for Developmental Biology, January 2007

Conference Presentations (*selection*)

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.

Nilsonne, 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.

Nilsonne, 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.

Nilsonne, 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, 16th 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 Pavolvian 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 2nd 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.

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

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). Neurobiology of Parenting, Berzelius symposium, Stockholm, July, 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. (2013). Aversive Learning and Extinction in Social Contexts**.** Talk given at the University of Bochum. *Young Scientist symposium on Extinction Learning*, Nov. 26th.

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 29th.

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, 16th 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 2nd 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

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, 16th 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, Rauischholzhausen, Germany , May 3-5.

Olsson, A. (2008). Vicarious Emotions. Symposium chaired at the *International Conference of Psychology*, Berlin, July 20-25.