

# Curriculum Vitae

## Petter Johansson

Born: 29 June, 1971  
Place of Birth: Gothenburg, Sweden  
Nationality: Swedish  
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## Qualifications

1995 B.Sc. Philosophy and Psychology  
University of Lund  
1999 M.Sc. Cognitive Science  
University of Lund  
1999 M.Sc. High School Teaching in Philosophy and Psychology  
University of Malmo  
2006 Ph.D. Cognitive Science, Title: *Choice Blindness: The Incongruence of Intention, Action and Introspection.*  
University of Lund

## Academic appointments

Ph.D. student at Lund University Cognitive Science 1999–2004  
Visiting Research Fellow University of East London 2004–2005  
Postdoctoral Research Fellow, Japan Society for the Promotion of Science and The ERATO Shimojo Implicit Brain Function Project 2006–2008  
Postdoc, Lund University Cognitive Science 2008–2009  
Wenner-Gren, Postdoctoral fellowship, University College London, 2009–present

## Major Grants

1995 Bursary for one-year enrolment at University of Queensland, Brisbane, Australia. Undergraduate studies in Cognitive Science  
2004 Visiting Research Fellow at University of East London, £5000 from The New Society of Letters at Lund.

## Awards

The 2008 [Royal Swedish Academy of Letters, History and Antiquities](#) Award for "*Förtjänt Vetenskapligt Arbete*", in recognition of my Ph.D. thesis and work on Choice Blindness. The award of 5000 Euro is given to two prominent young Swedish scientists in the Humanities each year.

## Academic activities

Coordinated a large international conference on education and communication technology (CECT 2000 - Cognition, Education and Communication Technology). <http://asip.lucs.lu.se/cect2000/>

Edited a book based on the conference, published by Lawrence Erlbaum Associates, see publications below

This work was financed by the [Bank of Sweden Tercentenary Foundation](#).

## Invited research seminars and talks

Hall, L. & Johansson, P. *Letting the intentions out of the box*. Department of Linguistics, University of Lund, 8 September, 2000.

Johansson, P. *How weird we are: cognitive science in context*. The Athena Club, University of Lund, 11 November, 2003.

Johansson, P. *From change blindness to choice blindness*. University of East London, 10 November, 2004.

Johansson, P. *From change blindness to choice blindness*. London Judgement and Decision Making Group, 8 December, 2004.

Johansson, P. & Hall, L. *Choice Blindness: On the Failure to Detect Mismatches Between Intention and Outcome in a Simple Decision Task*. Cognition and Brain Science Unit, Cambridge. 22 February, 2005.

Johansson, P. Choice blindness, *Evolutionary psychology work in progress*, London School of Economics. 14 March, 2005.

Hall, L. & Johansson, P. *Att titta in och titta ut: introspektion och självkunskap*. Invited public lecture, Lund University, 16 December, 2005.

Johansson, P. *Choice Blindness and introspective report*. Shimojo Implicit Brain Function Project, ERATO, Japan, 27 March, 2006.

Johansson, P. *Choice Blindness: A new tool for the study of introspection and decision making*. Ikegami Artificial Life Lab, The University of Tokyo, 1 February, 2007

Johansson, P. *From Change Blindness to Choice Blindness, and back again*. Invited presentation at a symposium on the work of Ronald Rensink, Kyoto University, 28 May, 2007

Johansson, P. *Choice Blindness and decision making*. Shigemasa lab, The University of Tokyo, public seminar series on decision making, 20 October 2007

Johansson, P. *Choice Blindness: The Incongruence of Intention, Action and Introspection*. The 10th Tokyo Colloquium of Cognitive Philosophy, The University of Tokyo, 6 August, 2008.

Watanabe, K., & Johansson, P. *Implicit Processes in Attention, Action, and Decision Making*. The Whitehead Lectures in Cognition, Computation and Culture, Goldsmiths, University of London, 14 January, 2009

Johansson, P. *Choice Blindness and other weaknesses of human decision making*. Jane Street Global Trading, Tokyo Office, 28 May, 2009

### International Conferences

#### Posters:

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*. The First International Conference on Social Cognitive Neuroscience, University of California, Los Angeles, April 26–28.

Hall, L., Johansson, P. & Olsson, A. (2002). *On the irrelevance of 'process purity problems' in natural environments*. Towards a Science of Consciousness, Tucson, April 8–12, 2002

Tärning, B., Hall, L., Johansson, P., Sikström, S. & Olsson, A. (2005). *And then what happens? Implicit and explicit processes in preference change through choice*. Poster presentation at the Association for the Scientific Study of Consciousness, 9th Annual Meeting, Caltech, Pasadena, USA, June 24–27, 2005.

#### Presentations:

Hall, L., & Johansson, P. (2003). *Neurofeedback and Metacognition*. AIED 2003 Metacognition and Self-regulation in Learning with Metacognitive Tools.

Hall, L., & Johansson, P. (2003). *On the Role of Brain-Imaging in the Calibration of Mental Strategies*. The 3rd IEEE International Conference on Advanced Learning Technologies (ICALT'03).

Hall, L., & Johansson, P. (2003). *Self-Regulation in Education: A Ubiquitous Computing Perspective*. The Eleventh International PEG Conference (PEG 2003): Powerful ICT-tools for Teaching and Learning.

Johansson, P., Hall, L., & Olsson, A. (2004). *From Change Blindness to Choice Blindness*. Towards a Science of Consciousness 2004, Tucson, Arizona, April 7–11, 2004.

Hall, L., Johansson, P., Olsson, A., & Sikström, S. (2004). *Choice Blindness and Verbal Report*. The Association for the Scientific Study of Consciousness, 8th Annual Meeting, University of Antwerp, Antwerp, Belgium. June 25–28.

- Johansson, P., Hall, L., & Olsson, A. (2004). *Choice Blindness and the Philosophical Concept of Intentionality*. The First Joint Conference of the Society for Philosophy & Psychology and the European Society for Philosophy & Psychology (SPP-ESPP'04), Barcelona, Spain, July 3-6.
- Johansson, P., Hall, L., Olsson, A., & Sikström, S. (2004). *Facing Changes: Choice Blindness and Facial Attractiveness*. The 28th International Congress of Psychology, Beijing, China. August 8-13.
- Tärning, B., Hall, L. & Johansson, P. (2005). *And then what happens? Implicit and explicit processes in preference change through choice*. The European Society for Philosophy & Psychology, Lund, Sweden, August 11-14.
- Hall, L., Johansson, P., Tärning, B. & Sikström, S. (2006). *Choice Blindness and Introspective Report: How something can be said about telling more than we can know*. Towards a Science of Consciousness 2006, Tucson, Arizona, April 4-8.
- Johansson, P. (2007). *Choice Blindness and Trust in the Virtual World*. (2007) HIS meeting, Okinawa, May 25-26.
- Lind, A., Hall, L., Johansson, P. & Sikström, S. (2007). *Can We Tell What We Said When We Hear Ourselves Saying Something Else? Some Preliminary Results on a New Instrument for the Testing of Verbal Self-Monitoring*, SALC 2007, Lund, Sweden, November 28-30.
- Johansson, P., Hall, L., Yamaguchi, Y., Ogawa, H. & Watanabe, K. (2008). *Choice blindness and consumer decision making*, The Association for the Scientific Study of Consciousness, 12th Annual Meeting, National Taiwan University, Taipei, Taiwan. June 19-22.
- Segnini, R., Aucouturier, J-J., Johansson, P., Hall, L. & Watanabe, K. (2008). *When Fear is in My Voice but not My Brain: Feedback Effects of Emotional Voice Transformation on Self-Rated Emotion Experience*. The Association for the Scientific Study of Consciousness, 12th Annual Meeting, National Taiwan University, Taipei, Taiwan. June 19-22.

### **Invited Conference Presentations**

- Hall, L. & Johansson, P. (2009). *Choice Blindness: Exploiting the limits of human perception*. Art and Science: Exploring the limits of human perception, Benasque, Spain, July 12-17.

### **Selected articles and interviews in international press**

- Daily Telegraph, interview, 2005-10-07,  
<http://www.telegraph.co.uk/news/main.jhtml?xml=/news/2005/10/07/nchoice07.xml>  
 The British Psychological Society Research Digest, interview, Issue 54,

<http://lists.bps.org.uk/read/messages?id=14738>  
MSNBC News service,  
<http://msnbc.msn.com/id/9616467/>  
LiveScience, interview  
[http://www.livescience.com/humanbiology/051006\\_choice\\_blindness.html](http://www.livescience.com/humanbiology/051006_choice_blindness.html)  
Berliner Zeitung 2005-10-07,  
<http://www.berlinonline.de/berliner-zeitung/wissenschaft/489569.html>  
MorgenWelt,  
[http://www.morgenwelt.de/index.php?id=155&backPID=115&tt\\_news=1555](http://www.morgenwelt.de/index.php?id=155&backPID=115&tt_news=1555)  
Noorderlicht, interview  
<http://noorderlicht.vpro.nl/artikelen/24384684/>  
DIGItoday, Finish news portal,  
[http://www.digitoday.fi/showPage.php?page\\_id=13&news\\_id=48902](http://www.digitoday.fi/showPage.php?page_id=13&news_id=48902)  
Politiken, Interview, Danish Newspaper, 2005-12-18  
New Scientist Magazine, interview, 2006-10-07, issue 2572, p. 32-36  
<http://www.newscientist.com/channel/being-human/mg19225720.100-mind-fiction-why-your-brain-tells-tall-tales.html>  
Asahi, Japan, interview, 2007-12-23  
The Sound of Science, radio interview, 2009-05-01  
<http://soundofscience.wordpress.com/2009/05/>

### **Selected Swedish Press**

Sydsvenska Dagbladet: 2005-10-08  
Forskning och Framsteg Nr1 2006, <http://www.fof.se/?id=06109a>  
Forskning.se, [http://www.forskning.se/servlet/GetDoc?meta\\_id=87453](http://www.forskning.se/servlet/GetDoc?meta_id=87453)  
Lundagård Nr9 2005  
Uppsalanytt 2005-10-11  
Ledarna 2005-10-12  
Radio interview, national radio, Vetenskapsmagasinet 2005-10-10  
Radio interview, radio Örebro, Boulevard 2005-10-25

### **International Television**

Interview with BBC for BBC Science Horizon Series, special program on decision making, broadcasted in UK on 2008-02-12. BBC Worldwide distribute this program to US and most European countries.  
<http://www.bbc.co.uk/sn/tvradio/programmes/horizon/broadband/tx/decisions/jam/>

## Publication list

### Journal articles

- Johansson, P., Hall, L., Sikström, S., & Olsson, A. (2005). Failure to Detect Mismatches Between Intention and Outcome in a Simple Decision Task. *Science*, 310, 116–119.
- Johansson, P., Hall, L., Sikström, S., Tärning, B. & Lind, A. (2006). How something can be said about Telling More Than We Can Know. *Consciousness and Cognition*, 15, 673–692.
- Hall, L., Johansson, P., Sikström, S., Tärning, B. & Lind, A. (2006). How something can be said about Telling More Than We Can Know: Reply to Moore and Haggard. *Consciousness and Cognition*. 15, 697–699.
- Johansson, P., Hall, L., & Sikström, S. (2008). From Change Blindness to Choice Blindness. *Psychologia*, 51, 142–155.

### Thesis

- Johansson, P. (2006). *Choice Blindness: The Incongruence of Intention, Action and Introspection*. Lund University Cognitive Studies 130.

### Edited Books

- Gärdenfors, P. & Johansson, P. (Eds.) (2005). *Cognition, Education and Communication Technology*. Lawrence Erlbaum Associates.

### Book chapters

- Johansson, P. & Gärdenfors, P. (2005). Introduction to Cognition, Education and Communication Technology. In P. Gärdenfors & P. Johansson (Eds.) (2005). *Cognition, Education and Communication Technology*. Lawrence Erlbaum Associates. Pp. 1–20.
- Hall, L., & Johansson, P. (2008). Using Choice Blindness to Study Decision Making and Introspection. In P. Gärdenfors & A. Wallin (Eds.) (2008). *Cognition – A Smorgasbord*. pp. 267–283.
- Lind, A., Hall, L., Johansson, P., & Sikström, S. (2009). Can We Tell What We Said When We Hear Ourselves Saying Something Else: Real-Time Speech Manipulation as a New Instrument for the Testing of Verbal Intentions and Self Monitoring. In J. Zlatev, M. Johansson-Falck, C. Lundmark & M. Andrén. (Eds.) (2009). *Studies in Language and Cognition*. Cambridge Scholars Publishing

### Peer-reviewed publikationer i konferensproceedings:

- Hall, L., & Johansson, P. (2003). Neurofeedback and Metacognition. Published in. R. Azevedo (Ed.). *AIED 2003 Supplementary Proceedings*:

*Metacognition and Self-regulation in Learning with Metacognitive Tools.*  
541–556

Hall, L., & Johansson, P. (2003). On the Role of Brain-Imaging in the Calibration of Mental Strategies. Published in V. Devedzic, J. Spector, D. Sampson and Kinshuk (Eds.). *Proceedings of the The 3rd IEEE International Conference on Advanced Learning Technologies (ICALT'03)*. 396–397.

Hall, L., & Johansson, P. (2003). Self-Regulation in Education: A Ubiquitous Computing Perspective. Published in *Proceedings of the Eleventh International PEG Conference (PEG 2003): Powerful ICT-tools for Teaching and Learning*. (CD-Rom).

Johansson, P., Hall, L., Gulz, A., Haake, M. & Watanabe, K. (2007). Choice blindness and trust in the virtual world. Technical report of IEICE. HIP, Vol.107(60). 83–86.

### **Technical Reports**

Hall, L., de Léon, D., & Johansson, P. (2002). *The Future of Self-Control: Distributed Motivation and Computer-Mediated Extrospection*. Lund University Cognitive Studies, 95.

Hall, L., & Johansson, P. (2003). *Introspection and Extrospection: Some Notes on the Contextual Nature of Self-Knowledge*. Lund University Cognitive Studies, 107.

### **Submitted articles**

Hall, L., Johansson, P., Tärning, B., Sikström, S., & Deutgen, T. (submitted). *Magic at the Marketplace: Choice blindness for the taste of Jam and the smell of Tea*.

### **In preparation**

Hall, L., Johansson, P., Tärning, B., & Sikström, S. (in preparation). *Preference Change Through Choice*.

Johansson, P., Hall, L., Watanabe, K., Yamaguchi, Y. Ogawa, H. (in preparation). *The ambiguity of introspection: Choice blindness and consumer decision making*.

Kusev, P., Johansson, P., Ayton, P., Hall, L., van Schaik, P., & Chater, N. (in preparation). *Preference reversals: Memory and contextual biases with decision prospects*.

Gulz, A. Tärning, B., Hake, M., Johansson, P., & Hall, L. (in preparation). *Choice blindness in virtual and physical worlds*.

Hall, L., Johansson, P., & Strandberg, T. (in preparation). *Choice blindness and moral decision making*.