

## Curriculum vitae (mars 2012).

### Árni Kristjánsson

Dósent, og varaforseti Sálfræðideildar  
Háskóli Íslands  
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Meðlimur (Associate member) við Institute of Cognitive Neuroscience, University College London.

## 1. Menntun:

**2002: Phd** - Harvard University, Massachusetts, USA – í “Cognition, Brain and Behavior”.  
Leiðbeinandi: Professor Ken Nakayama. Heiti ritgerðar: “A primitive memory system for the deployment of transient attention”.

**1999: MA gráða**, Harvard University, Massachusetts, USA- í “Cognition, Brain and Behavior”. Leiðbeinandi: Professor Ken Nakayama. Heiti ritgerðar: “Rapid, unconscious learning of relations between objects”

**1996: BA gráða** í við sálfræðiskor Háskóla Íslands. Leiðbeinandi: Prófessor Jörgen Pind. Heiti ritgerðar: “Skynjun bókstafa í íslensku lettri”.

## 2. Vísindagreinar í alþjóðlegum ritrýndum tímaritum (ISI birtingar).

### Í prentun:

### Í Prentun

Jóhannesson, Ó, Ásgeirsson, Á.G. & Kristjánsson, Á (**Í Prentun**). Saccade performance in the temporal and nasal hemifields. Í prentun í *Experimental Brain Research*.

### 2011

Saevarsson, S., Kristjánsson, Á., Bach, M. & Heinrich, S.P. (2012). P300 in neglect. *Clinical Neurophysiology*, 123, 496–506.

## **2011**

Brascamp, J.W., Blake, R. & Kristjánsson, Á. (2011). Deciding where to attend: priming of pop-out drives target selection. *The Journal of Experimental Psychology: Human Perception & Performance*, 37, 1700-1707.

Rorden, C., Kristjánsson, Á., Pirog-Revell, K. & Saevarsson, S. (2011). Neural Correlates of Inter-trial Priming and Role-Reversal in Visual Search. *Frontiers in Human Neuroscience*, 5, 151.

Kristjánsson, Á. (2011). The intriguing interactive relationship between visual attention and saccadic eye movements. In S. Everling, I.D. Gilchrist & S. Liversedge (eds), *The Oxford Handbook on Eye Movements*. Oxford: Oxford University Press.

Brascamp, J.W., Pels, E. & Kristjánsson, Á. (2011). Priming of pop-out on multiple time scales during visual search. *Vision Research*, 51, 1972-1978.

Ásgeirsson, Á.G. & Kristjánsson, Á. (2011). Episodic retrieval and feature facilitation in intertrial priming of visual search. *Attention, Perception & Psychophysics*, 73, 1350-1360.

Kristjánsson, Á. (2011). The Functional Benefits of Tilt Adaptation. *Seeing and Perceiving*, 24, 37-51.

Saevarsson, S., Halsband, U. & Kristjánsson, Á. (2011). Designing rehabilitation programs for neglect: Could 1+1 be more than 2? *Applied Neuropsychology*, 18, 95-106.

## **2010:**

Kristjánsson, Á., Eyjólfsdóttir, K.Ó., Jónsdóttir, A. & Arnkelsson, G.B. (2010). Temporal consistency is currency in shifts of transient attention. *PLoS ONE*, 5, e13660.

Kristjánsson, Á., Sigurjónsdóttir, Ó. & Driver, J. (2010). Fortune and reversals of fortune in visual search: Reward contingencies for pop-out targets affect search efficiency and target repetition effects. *Attention, Perception & Psychophysics*, 72, 1229-1236.

Kristjánsson, Á. (2010). Priming in visual search: A spanner in the works for Theeuwes's bottom-up sweeps. *Acta Psychologica*, 135, 114-116.

Saevarsson, S., Kristjánsson, Á. & Halsband, U. (2010). Strength in numbers: Combining neck vibration and prism adaptation produces additive therapeutic effects in unilateral neglect. *Neuropsychological Rehabilitation*, *20*, 704–724.

Kristjánsson, Á. & Vuilleumier, P. (2010). Disruption of spatial memory in visual search in the left visual field in patients with hemispatial neglect. *Vision Research*, *50*, 1426-1435.

Kristjánsson, Á. & Campana, G. (2010). Where perception meets memory: A review of priming in visual search. *Attention, Perception & Psychophysics*, *72*, 5-18.

### **2009:**

Kristjánsson, Á., Bjarnason, A., Hjaltason, Á.B. & Stefánsdóttir, B.G. (2009). Priming of luminance defined motion direction in visual search. *Attention, Perception & Psychophysics*, *71*, 1027-1041.

Kristjánsson, Á. (2009). Learning in shifts of transient attention improves recognition of parts of ambiguous figure-ground displays. *Journal of Vision*, *9(4)*, 21, 1-11.

Saevarsson, S., Kristjánsson, Á., Hildebrandt, H. & Halsband, U. (2009). Prism adaptation improves visual search in hemispatial neglect. *Neuropsychologia*, *47*, 717-725.

Kristjánsson, Á. (2009). Independent and additive repetition priming of motion direction and color in visual search. *Psychological Research*, *73*, 158-166.

### **2008:**

Kristjánsson, Á. & Driver, J. (2008). Priming in visual search: Separating the effects of target repetition, distractor repetition and role-reversal. *Vision Research*, *48*, 1217-1232.

Sigurðardóttir, H.M., Kristjánsson, Á. & Driver, J. (2008). Repetition streaks increase perceptual sensitivity in brief visual search displays. *Visual Cognition*, *16*, 643-658.

Kristjánsson, Á. & Sigurðardóttir, H.M. (2008). On the benefits of transient attention across the visual field. *Perception*, *37*, 747-764.

Kristjánsson, Á., Ingvarsdóttir, Á. & Teitsdóttir, U.D. (2008). Object- and feature-based priming in visual search, *Psychonomic Bulletin & Review*, *15*, 378-384.

Saevarsson, S., Jóelsdóttir, S., Hjaltason, H. & Kristjánsson, Á. (2008). Repetition of distractor sets improves visual search performance in hemispatial neglect. *Neuropsychologia*, *45*, 1161-1169.

Kristjánsson, Á. (2008). “I know what you did on the last trial” - a selective review of research on priming in visual search. *Frontiers in Bioscience* *13*, 1171-1181.

## **2007:**

Ruff, C.C., Kristjánsson, Á. & Driver, J. (2007). Readout from iconic memory involves similar neural processes as selective spatial attention. *Psychological Science*, 18, 901-909.

Kristjánsson, Á., Vuilleumier, P., Schwartz, S., Macaluso, E. & Driver, J. (2007). Neural basis for priming of pop-out revealed with fMRI. *Cerebral Cortex*, 17, 1612-1624.

Edelman, J., Kristjánsson, Á. & Nakayama, K. (2007). The influence of object-relative visuomotor set on express saccades. *The Journal of Vision*, 7(6):12, 1-13.

Kristjánsson, Á. (2007). Saccade landing point selection and the competition account of pro- and antisaccade generation: The involvement of visual attention – A review. *Scandinavian Journal of Psychology*, 48, 97-113.

## **2006:**

Geng, J.J., Eger, E., Ruff, C.C., Kristjánsson, Á., Rotshtein, P., & Driver, J (2006). Attentional selection from competing stimuli in opposite visual fields: Control processes and effects on visual activations revealed with fMRI. *Journal of Neurophysiology*, 96, 2601-2612.

Kristjánsson, Á. (2006). Surface assignment modulates object-formation for visual short-term memory. *Perception*, 35, 861-881

Kristjánsson, Á. (2006). Simultaneous priming along multiple feature dimensions in a visual search task. *Vision Research*, 46, 2554–2570.

Kristjánsson, Á. (2006). Rapid learning in attention shifts - A review. *Visual Cognition*, 13, 324-362.

## **2005:**

Kristjánsson, Á., Vuilleumier, P., Malhotra, P., Husain, M., & Driver, J. (2005). Priming of color and position during visual search in unilateral spatial neglect. *Journal of Cognitive Neuroscience*, 17, 859-873.

Wang, D., Kristjánsson, Á, & Nakayama, K. (2005). Efficient visual search without top-down or bottom-up guidance. *Perception & Psychophysics*, 67, 239-253.

## **2004:**

Kristjánsson, Á., Vandenbroucke, M. og Driver, J. (2004). When pros become cons for anti versus prosaccades. *Experimental Brain Research*, 155, 231-244.

### **2003:**

Kristjánsson Á. & Nakayama K. (2003). A primitive memory system for the deployment of transient attention. *Perception & Psychophysics*, 65, 711-724.

### **2002:**

Kristjánsson Á. & Nakayama K. (2002). The attentional blink in space and time. *Vision Research*, 42, 2039-2050.

Kristjánsson, Á., Wang, D. & Nakayama K. (2002). The role of priming in conjunctive visual search. *Cognition*, 85, 37-52.

### **2001:**

Kristjánsson, Á., Chen, Y. & Nakayama, K. (2001). Less attention is more in the preparation of antisaccades but not prosaccades. *Nature Neuroscience*, 4, 1037-1042.

Kristjánsson, Á., Mackeben, M. & Nakayama, K. (2001). Rapid, object based learning in the deployment of transient attention. *Perception*, 20, 1375-1387.

Kristjánsson, Á. (2001). Increased sensitivity to speed changes during adaptation to first-order, but not to second-order motion. *Vision Research*, 41, 1825-1832.

Kristjánsson, Á. & Tse, P.U. (2001). Curvature discontinuities are cues for rapid shape analysis. *Perception & Psychophysics*, 63, 390-403.

### **2000:**

Kristjánsson, Á. (2000). In search of remembrance: Evidence for memory in visual search. *Psychological Science*, 11, 328-332.

## **3. Bók:**

Einar Guðmundsson & Árni Kristjánsson (2005). *Gagnavinnsla í SPSS*. Reykjavík: Háskólaútgáfan.

Einar Guðmundsson & Árni Kristjánsson (2011). *Vinnulag í SPSS*. Reykjavík: Háskólaútgáfan.

## **4. Bókarkafar:**

Nakayama, K., Maljkovic, V. & Kristjánsson, Á. (2004) Short term memory for the rapid deployment of visual attention. In M.S. Gazzaniga (ed.), *The Cognitive Neurosciences*, 3rd edition. Cambridge, MA, USA: MIT Press.

## 5. Bókagagnrýni í alþjóðlegum ritrýndum tímaritum:

Kristjánsson, Á (2008). Gagnrýni um *The Prehistory of Cognitive Science* by A. Brook (ed.). *Perception*, 37, 1776-1778.

Kristjánsson, Á. (2007). Gagnrýni um W. Metzger, *Laws of seeing* by W Metzger. *Perception*, 36, 635 - 636.

Kristjánsson, Á. (2006). Gagnrýni um I.E. Howard, *Theories of visual perception*. *Perception*, 35, 999 – 1002.

Kristjánsson, Á. (2003). Gagnrýni um Folk, C. L., & Gibson, B. S. (Eds.) *Attraction, distraction and action: Multiple perspectives on attentional capture*. *The Quarterly Journal Of Experimental Psychology*, 56A, 1241 -1242.

Kristjánsson, Á. (2003). Gagnrýni um W. Prinz & B. Hommel (Eds.) *Common mechanisms in perception and action: Attention and Performance XIX*. *Perception*, 32, 125-126.

## 6. Aðrar alþjóðlegar útgáfur:

Wang D.L., Á. Kristjánsson, and K. Nakayama (2001). Efficient visual search without top-down or bottom-up guidance: A putative role for perceptual organization. *Technical Report 26, Center for Cognitive Science, The Ohio State University, Columbus, Ohio, USA*.

## 7. Ritrýndar greinar í Íslenskum tímaritum

Árni Kristjánsson (2011). Tilfinninganæmavélmennið: Samspil áhrifa af myndum sem vekja tilfinningaviðbrögð og ýfingaráhrifa í sjónskynjun. *Sálfræðiritið*, 16 (fylgirit), 47-50.

Ómar Jóhannesson, Árni Gunnar Ásgeirsson og Árni Kristjánsson (2011). Samspil áhrifa af myndum sem vekja tilfinningaviðbrögð og ýfingaráhrifa í sjónskynjun. *Sálfræðiritið*, 16 (fylgirit), 81-85.

Árni Kristjánsson, Ólafía Sigurjónsdóttir og Jon Driver (2010). Áhrif fjárhagslegrar umbunar á sjónskynjun. *Sálfræðiritið*, 15 (fylgirit 2), 21-23.

Ómar Jóhannesson, Árni Kristjánsson og Einar Guðmundsson (2010). Samspil vinnsluminnis og lausnar rökþrauta WASI greindarþrófsins. *Sálfræðiritið*, 15 (fylgirit 2), 29-33.

Sævarsson, S., Kristjánsson, Á & Hjaltason, H. (2009). Gaumstol: Orsakir, taugalíffærafraðileg staðsetning, kenningar og meðferð. *Læknablaðið*, 95 (1), 27-33.

- Kristjánsson, Á., Halsband, U, & Sævarsson, S. (2009). Áhrif strendingsaðlögunar og hálstitrunar á gaumstolseinkenni. *Sálfræðiritið*, *14* (fylgirit 1), 13-18.
- Sigríður Bríet Smáradóttir, Sigrún Þórisdóttir og Árni Kristjánsson (2009). Skynjun stækkandi og minnkandi áreita í sjónleitarverkefni hjá lesblindum og samanburðarþátttakendum. *Sálfræðiritið*, *14*, 69–78.
- Kristjánsson, Á. (2008). Hverjar eru birtingarmyndur samkeppni áreita í sjónsviði um athygli í heilastarfi *Rannsóknir í Félagsvísindum IX* (bls 523-533), Reykjavík: Félagsvísindastofnun Háskóla Íslands, Háskólaútgáfan.
- Ásgeirsson, Á.G. & Kristjánsson, Á. (2008). Episodic retrieval accounts of priming in visual search explain only a limited subset of findings on priming. *Rannsóknir í Félagsvísindum IX* (bls 511-522), Reykjavík: Félagsvísindastofnun Háskóla Íslands, Háskólaútgáfan.
- Árni Kristjánsson (2007). Að sá án þess að vita af því: Rannsóknir á ýfingarhrifum í gaumstoli. *Rannsóknir í Félagsvísindum VIII* (bls 505-514), Reykjavík: Félagsvísindastofnun Háskóla Íslands, Háskólaútgáfan.
- Árni Kristjánsson (2006). Ýfing og nám í sjónskynjun: Lykill að stöðugleika í sjónskynjun mannsins? *Sálfræðiritið*, 10-11, 83-98.
- Árni Kristjánsson & Heiða María Sigurðardóttir (2006). Ýfing í sjónleit: Rannsókn með aðferðum merkjagreiningar. *Rannsóknir í Félagsvísindum VII* (bls. 499-514), Reykjavík: Félagsvísindastofnun Háskóla Íslands, Háskólaútgáfan.
- Árni Kristjánsson (2005). Taugakerfi tengd ýfingarhrifum í sjónskynjun: Niðurstöður úr taugasálfræði- og segulómmyndunarrannsóknum. *Læknablaðið*, 91, 345-351.
- Árni Kristjánsson (2005). Forgrunnur, bakgrunnur, spegilmyndir og svareiginleikar sjónsvæða heilabarkar: Rannsókn með starfrænni segulómmyndun. *Rannsóknir í Félagsvísindum VI*.
- Árni Kristjánsson (2004). “Hvað þú sást ræður því hvað þú sérð”: Taugakerfi tengd ýfingarhrifum í sjónskynjun. *Rannsóknir í Félagsvísindum V*.

## 8. Starfsferill:

**2008 til nú** – Dósent og Varadeildarforseti við Sálfræðideild Háskóla Íslands

**2006 til 2008** – Skorarformaður í sálfræði við Háskóla Íslands

**2006 til nú** - Dósent við sálfræðiskor Háskóla Íslands

**2004 - 2006** - Lektor við sálfræðiskor Háskóla Íslands

**2002-2004** Vísindamaður “Honorary research fellow” við Institute of Cognitive Neuroscience, University College London. Fjármagnað með styrk frá Human Frontiers Science Program

**2001 -2002** Stundakennari við Háskóla Íslands (með doktorsnámi við Harvar University)

**2000 - 2001** Yfir-aðstoðarkennari (Head teaching fellow) við Harvard University.  
**1999 - 2000** Aðstoðarkennari (teaching fellow) við Harvard University.  
**1998 (sumar)** Aðstoðarmaður við rannsóknir hjá Jörgen Pind, prófessor við Háskóla Íslands.  
**1998 (sumar)** Aðstoðarmaður við rannsóknir hjá Kristjáni Árnasyni, prófessor við Háskóla Íslands.  
**1997** Aðstoðarmaður við rannsóknir hjá Jörgen Pind, prófessor við Háskóla Íslands.

## 9. Verðlaun og styrkir:

1997 - Fulbright Doctoral award for study at Harvard University.  
1997 – “Thor Thors” award for Doctoral study at Harvard University (from the “American-Scandinavian Society”).  
2001 - Eliot award from Harvard University.  
2002 –Long-term fellowship from the Human Frontiers Science Program, for post-doctoral work at the Institute of Cognitive Neuroscience, University College London.

## 10. Þátttaka í vísindafélögum

Meðlimur, Association for Research in Vision and Ophthalmology.  
Meðlimur, Vision Sciences Society.  
Meðlimur, Cognitive Neuroscience Society.  
Stofnmeðlimur og stjórnarmaður í *Taugavísindafélagi Íslands* (Icelandic Society for Neuroscience).

## 11. Ritrýni fyrir alþjóðleg vísindatímarit:

Fyrir Psychological Science (þrisvar), Perception (fimm sinnum), Trends in Cognitive Sciences, Perception & Psychophysics (12 sinnum), Psychonomic Bulletin & review (8 sinnum), Experimental Brain Research (þrisvar), Journal of Cognitive Neuroscience, Visual Cognition (þrisvar), Journal of Experimental Psychology (7 sinnum), Neurocomputing, Neuroimage, Journal of Neurophysiology, Neuropsychologia (þrisvar), Brain Research (tvisvar), The Journal of Vision, BMC Neuroscience, PLOS Biology, Spatial Vision (tvisvar).

Bókagagnrýni fyrir: The Quarterly Journal of Experimental Psychology & Perception (fjórum sinnum).

## 12. Plenum fyrirlestrar á alþjóðlegum ráðstefnum:

Kristjánsson, Á. (2010). Priming of visual search and the Theory of Visual Attention. International meeting of the International TVA network, Copenhagen, 17.-18 júní, 2010.

Kristjánsson, Á. (2010). History effects in Vision. Brain Connectivity Workshop 2010 (BCW10) í Berlín, 3-4. júlí, 2010.



Kristjánsson, Á. (2008). Visual Priming – bottom-up or top-down, feature based or object based? A complex hierarchy of priming. *Second International Symposium on Visual Search and Selective Attention*. Fribourg, Sviss, 16.-19. júlí, 2008.

Kristjánsson, Á. (2007). Priming of target and context in visual search: Findings from behavior, neurophysiology, and neuropsychology. *RAW: Rovereto Attention Workshop*, október, 2007.

### 13. Fyrirlestrar á alþjóðlegum vísindaráðstefnum:

Kristjánsson, Á. (2009). Consistency in cue lead times between trials improves performance on discrimination tasks involving transient attention. The 11th European Congress of Psychology, Oslo, Norway, júlí, 2009.

Kristjánsson, Á. (2009). The effects of financial reward schedules on repetition priming in visual search. 16th meeting of the European Society for Cognitive Psychology, Kraków, Póllandi, september, 2009.

Kristjánsson, Á. (2009). Research at the doctoral level in the Faculty of Psychology. Nordic-Baltic doctoral network in Psychology, Riga, Lettland, des, 2009.

Kristjánsson, Á., Ingvarsdóttir, Á. & Teitsdóttir, U.D. (2008). Object and feature based priming in visual research. Ráðstefna *Vision Sciences Society*, Sarasota, Florida, maí, 2007. Útgefið í *Journal of Vision* 8 (6), 868.

Kristjánsson, Á. (2007). Consistency in cue lead times between trials improves performance on discrimination tasks involving visual attention. *European conference on visual perception*, Utrecht, Holland, águst. 2008. Útgefið í *Perception*, 37 (suppl.), 45.

Kristjánsson, Á., Ruff, C.C. & Driver, J. (2007). Readout from iconic memory involves similar neural processes as selective spatial attention. Ráðstefna *Vision Sciences Society*, Sarasota, Florida, maí, 2007. Published in *Journal of Vision* 8 (9), 809.

Kristjánsson, Á. & Nakayama, K. (2007). A distinctive short-term implicit memory system. *European conference on visual perception*, Arezzo, Italy, águst. 2007. Published in *Perception*, 36 (suppl.), 120.

Kristjánsson, Á., Ingvarsdóttir, Á. & Teitsdóttir, U. (2007). Object-based and feature based priming in visual search. *European conference on visual perception*, Arezzo, Italy, águst. 2007. Published in *Perception*, 36 (suppl.), 130.

Kristjánsson, Á. (2007). Priming of target and context for patients with spatial neglect and for normal observers. *Dynamics of attentional control Symposium*, Munchen, Germany, júní, 2007.

Kristjánsson, Á. (2006). *Priming of visual search in hemispatial neglect*. Meeting of the European neuropsychological societies, Toulouse, France.

- Kristjánsson, Á. (2006). Pavlov meets Posner: Associative learning and the deployment of attention. Special Symposium: Pavlov & Perception: European conference on visual perception, St. Petersburg, Russia. Published in *Perception*, 35 (Suppl.).
- Kristjánsson, Á. (2006). Simultaneous priming along multiple feature dimensions in pop-out visual search. European conference on visual perception, St. Petersburg, Russia. Published in *Perception*, 35 (Suppl.).
- Kristjánsson, Á. (2006). Priming in Vision: An application of signal detection theory. Asian Conference of Vision, Matsue, Japan. Published in *Vision*, 18 (Suppl.).
- Kristjánsson, Á & Driver, J. (2006). Figure-ground segmentation and visual shape representation. Annual Meeting of the Cognitive Neuroscience Society, New York, USA. Published in *Journal of Cognitive Neuroscience*, 18 (Suppl.).
- Kristjánsson, Á & Driver, J. (2005). Priming in vision: Target repetition effects, context effects and role reversal effects. European conference on visual perception, La Coruna, Spain. Published in *Perception*, 34 (Suppl.).
- Kristjánsson, Á., Ruff, C. & Driver, J. (2005). Commonalities between Iconic Memory and attentional cueing. Meeting of the Vision sciences Society, Sarasota (FL), USA. Published in *Journal of Vision*, 5 (Suppl.).
- Kristjánsson, Á., Vuilleumier, P., Husain, M., Macaluso, E. & Driver, J. (2004). Neural correlates of priming in vision: Evidence from Neuroimaging and Neuropsychology. European conference on visual perception, Budapest, Hungary. Published in *Perception*, 33 (Suppl.).
- Kristjánsson, Á. (2004). Neural correlates of priming in vision. Human Frontiers Science Program Annual Awardees Meeting, Hakone, Japan.
- Kristjánsson, Á (2004). Surface assignment modulates object formation for visual short term memory. Meeting of the Vision sciences Society, Sarasota (FL), USA. Published in *Journal of Vision*, 4 (Suppl.).
- Kristjánsson, Á. (2003). When pros become cons for anti versus prosaccades. Annual NTT-UCL workshop, Kyoto, Japan.
- Kristjánsson, A., Vandenbroucke, M.W.G. & Driver, J. (2003). When pros become cons for anti versus prosaccades. European Conference on Visual Perception, Paris, France. Published in *Perception*, 32 (Suppl.).
- Kristjánsson, A., Vuilleumier, P., Husain, M., Malhotra, P. & Driver, J. (2003). Intact colour and position priming in patients with symptoms of neglect. Annual Meeting of the Cognitive Neuroscience Society, New York, USA. Published in *Journal of Cognitive Neuroscience*, 15 (Suppl.).
- Kristjánsson, A. (2002). Apparent depth modulates object formation for visual short term memory. European conference on visual perception, Glasgow, Scotland, Published in *Perception*, 31 (Suppl.).

- Kristjánsson, A., Wang, D. & Nakayama, K. (2001). The role of priming in conjunctive visual search. Meeting of the Vision sciences Society, Sarasota (FL), USA. Published in *Journal of Vision*, 1 (Suppl.).
- Edelman, J., Kristjánsson, A. & Nakayama, K. (2001). Facilitation of saccade target selection by object-centered priming. Meeting of the Vision sciences Society, Sarasota (FL), USA. Published in *Journal of Vision*, 1 (Suppl.).
- Kristjánsson, A., Chen, Y. & Nakayama, K. (2000). Less attention is more in the preparation of antisaccades. Workshop on Object perception and memory, New Orleans, USA.
- Kristjánsson, A. & Nakayama, K. (2000). One step, feature based learning in the deployment of transient attention. European conference on visual perception, Groeningen, The Netherlands, Published in *Perception*, 30 (Suppl.).
- Kristjánsson, A., Chen, Y. & Nakayama, K. (2000). Less attention is more in the preparation of antisaccades. ARVO, Ft. Lauderdale, USA. Published in *Investigative Ophthalmology & Vision Science*, 41 (Suppl.).
- Nakayama, K., Kristjánsson, A., & Wang, D. L. (2000). Efficient visual search not explained by local feature mechanisms or top down guidance. ARVO, Ft. Lauderdale, USA. Published in *Investigative Ophthalmology & Vision Science*, 41 (Suppl.).
- Kristjánsson, A., Wang, D. & Nakayama, K. (1999). Efficient visual search without top-down or bottom-up guidance, Workshop on Object perception and memory, Los Angeles, USA.
- Kristjánsson, A., Chen, Y. & Nakayama, K. (1999). Different effects of a secondary task on saccades and antisaccades. European conference on visual perception, Trieste, Italy. Published in *Perception*, 29 (Suppl.).
- Kristjánsson, A., Mackeben, M. & Nakayama, K. (1999). Exogenous attention shows adaptation to local and changing validities within a spatial cue. ARVO, Ft. Lauderdale, USA. Published in *Investigative Ophthalmology & Vision Science*, 40 (Suppl.).
- Chen, Y., McPeck, R., Intriligator, J., Kristjánsson, A. & Holzman, P. (1999). Attentional requirements for smooth pursuit. ARVO, Ft. Lauderdale, USA. Published in *Investigative Ophthalmology & Vision Science*, 40 (Suppl.).

### 13. Boðsfyrirlestrar:

- Kristjánsson, Á (2009). *Where Perception meets memory: Priming in visual search tasks*. PatrickFest Invited Conference, Harvard University, maí, 2009.
- Kristjánsson, Á. (2009). *Vision and Attention Prefer Consistency: Some recent findings on history effects in vision and attention*. Fyrirlestur við University of Freiburg, Freiburg, okt., 2009.

- Kristjánsson, Á. (2009). *How what we saw and what we did determines what we will see and what we will do*. Boðsfyrirlestur við Institute of Cognitive Neuroscience, University College London, 22. Júní, 2009.
- Kristjánsson, Á. (2008). *Priming of target and context in visual search: Findings from behavior, neurophysiology and neuropsychology*. Fyrirlestur við University of Freiburg, Freiburg, feb., 2008.
- Kristjánsson, Á. (2008). *Priming effects in visual search: Characteristics and mechanisms: A talk in 7 parts*. Fyrirlestur við Harvard University, maí, 2008.
- Kristjánsson, Á. (2008) *Priming of target and context in visual search: Findings from behavior, neurophysiology and neuropsychology*. Fyrirlestur við University of Delaware, Delaware, maí, 2008.
- Kristjánsson, Á. (2008). *Priming effects in visual search: Characteristics and mechanisms: A talk in 7 parts*. Fyrirlestur við Center for Visuelle Kognition, Kobenhavns Universitet, sept., 2008.
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## **15. Tilvitnanir**

Vitnað hefur verið **689** sinnum í vísindagreinum mínum samkvæmt the Web of Science (28. feb, 2010). H – gildi er **15** (**15** af greinum mínum hafa fengið 14 tilvitnanir, eða fleiri).