

Alexandra List
Curriculum Vitae

Until 12/31/2006:

Department of Psychology
Robertson Laboratory
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From 1/1/2007:

School of Psychology
Rafal Laboratory
Brigantia Building
Penrallt Road
Bangor, Gwynedd
LL57 2AS
United Kingdom

EDUCATION:

University of California, Berkeley

Intended PhD, Psychology, December 2006

University of California, Berkeley

Bachelor of Arts, Cognitive Science, May 1998
French Civilization minor

HONORS AND AWARDS:

Attendee, National Institutes of Health, Graduate Student Research Festival, October 12-13, 2006.

Veterans' Affairs, Special Contribution Award, May 2006.

National Institutes of Health, NINDS, Ruth L. Kirchstein National Research Service Award (NRSA), Individual Fellowship, December 2004-November 2006.

Fellow, Summer Institute in Cognitive Neuroscience, Dartmouth College, June-July 2005.

National Institutes of Health, Human Cognitive Neuroscience Training Fellowship, August 2001-June 2003.

National Science Foundation, Graduate Student Research Fellowship Honorable Mention, March 2001.

National Science Foundation Travel Fellowship, The 31st Carnegie Mellon University Symposium on Cognition, "Perceptual Organization in Vision: Behavioral and Neural Perspectives," June 2000.

PROFESIONAL TEACHING EXPERIENCE:

Spring 2001 Graduate student instructor: Human Brain Dysfunction (Psych. 117), Robert T. Knight, MD. Mean teaching evaluation score = 6.3 (scale 1-7, very poor-excellent, 39 students).

Fall 2000 Graduate student instructor and guest lecturer: Basic Issues in Cognitive Science (Psych. 120B/Cog. Sci. 100), William Prinzmetal, PhD. Mean teaching evaluation score = 5.7 (scale 1-7, very poor-excellent, 25 students).

Fall 2000- 2006 Training and supervision of 16 undergraduate research assistants.

PUBLICATIONS:

- List, A.** (2006). Reviewers' reports should in turn be peer-reviewed. *Nature (Correspondence)*, 442, 26.
- List, A.** and Landau, A. (2006). Attention and intention, decoded! *Journal of Neuroscience (Journal Club)*, 26, 6907-6908.
- Brooks, J.L. and **List, A.** (2006). Searching for a role for the frontal eye fields in the visual attention network. *Journal of Neuroscience (Journal Club)*, 26, 2145-2146.
- Justus, T. C. and **List, A.** (2005). Auditory attention to frequency and time: An analogy to visual local-global stimuli. *Cognition*, 98, 31-51.
- List, A.** and Justus, T. (under revision). Lateralized priming of auditory local-global stimuli. *Laterality*.
- List, A.** and Robertson, L.C. (under revision). Inhibition of return and object-based attentional orienting. *Journal of Experimental Psychology: Human Perception & Performance*.
- List, A.,** Justus, T., Bentin, S. & Robertson, L.C. (under revision). Mismatched negativity of global and local auditory patterns. *Brain Research*.

SUBMITTED MANUSCRIPTS:

- List, A.,** Brooks, J.L., Esterman, M., Flevaris, A., Landau, A.N., Bowman, G., Stanton, V., VanVleet, T., Robertson L.C. & Schendel, K.L.P. (submitted). Neglect, Twice-Assessed. *Journal of the International Neuropsychological Society*.

MANUSCRIPTS IN PREPARATION:

- List, A.** and Justus, T. (in preparation). Visual and auditory cross-modal interactions in hierarchical processing.
- List, A.,** Knight, R. T. & Robertson, L.C. (in preparation). Test-retest of electrophysiological markers of target selection in visual search.
- List, A.,** Knight, R.T. & Robertson, L.C. (in preparation). Electrophysiological markers of target selection in visual search: young and elderly adults.
- Sagiv, N., **List, A.,** Deouell, L., Vuilleumier, P., Knight, R., D'Esposito, M. & Robertson, L. (in preparation). The neurophysiology of visual perseveration: ERP and fMRI studies of a rare case of prosopometamorphopsia.

INVITED PRESENTATIONS:

- List, A.** (2005). Attention to auditory structure. Presented at the University of Wales, Bangor, UK.
- List, A.** (2004). Recovery in neglect. Presented at the Veterans Affairs Center for Rehabilitation and Extended Care Unit, Martinez, CA.

CONFERENCE PRESENTATIONS:

- List, A.,** Justus, T. & Robertson, L.C. (2003). Hierarchical organization in audition and vision. Presented at CSAIL (Cognitive Science Association for Interdisciplinary Learning), Hood River, OR.
- List, A.** & Robertson, L.C. (2001). Inhibition of return and object-based attention. Presented at the Berkeley-Stanford Annual Talks, Berkeley, CA.

Barnes, L.L., **Beuche, A.L.** & Robertson, L.C. (1999). Inhibition of return in a spatial illusion. Presented by **A.L. Beuche** at the Psychonomics Society Annual Meeting, Los Angeles, CA.

Beuche, A.L. (1999). Student Commentator at the U.C. Berkeley Spatial Cognition Conference, for the “Cortical Function and Spatial Cognition” session with guest speakers Lynn C. Robertson (read by Stephen Palmer) and Charles Gross, Berkeley, CA.

CONFERENCE ABSTRACTS:

List, A. & Robertson, L.C. (2006). Directing attention to auditory local-global levels. To be presented at the Psychonomics Society Annual Meeting, Houston, TX.

List, A. & Robertson, L.C. (2006). Separate time courses for space- and object-based attention. Presented at the NIH National Graduate Student Research Festival, Bethesda, MD.

List, A., Justus, T., Bentin, S. & Robertson, L.C. (2005). Mismatch negativity for local and global auditory processing: is it lateralized? Presented at the Psychonomics Society Annual Meeting, Toronto, Canada.

List, A., Knight, R.T. Robertson, L.C. (2005). Test-retest of electrophysiological markers for target selection during visual search. Presented at the Cognitive Neuroscience Society Annual Meeting, New York, NY.

Brooks, J.L., Marshel, J.H., **List, A.,** Robertson, L.C. & Knight, R.T. (2004). Gamma band activity related to spatial attention in visual search. Presented at the Annual Meeting of the Society for Neuroscience, San Diego, CA.

Sagiv, N., **List, A.** & Robertson, L.C. (2004). Varieties of anomalous face perception. Presented at the 22nd European Workshop on Cognitive Neuropsychology, Bressanone, Italy.

List, A. & Justus, T.C. (2002). Attentional persistence to frequency and temporal global-local structure in audition. Presented at the Psychonomics Society Annual Meeting, Kansas City, MO.

List, A., Sagiv, N., Vuilleumier, P.O., Deouell, L.Y., D’Esposito, M., Knight, R.T. & Robertson, L.C. (2002). Visual perseveration for faces and places: Neuroimaging studies. Presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.

Sagiv, N., **List, A.,** Deouell, L.Y., Vuilleumier, P.O. , Knight, R.T., D’Esposito, M. & Robertson, L.C. (2002). Visual perseveration for faces, places, objects, and fonts and what it tells us about the functional organization of the ventral pathways. Presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.

Schumacher, E.H., **List, A.,** Robertson, L.C. & D’Esposito, M. (2001). Object- and space-based visual attention in the human brain. Presented at the Human Brain Mapping, Brighton, United Kingdom.

List, A., Schumacher, E.H., Robertson, L.C. & D’Esposito, M. (2001). A fMRI study of object- and space-based visual attention. Presented the Cognitive Neuroscience Society Annual Meeting, New York, NY.

List, A. & Robertson, L.C. (2000). Object-based effects and attention to spatial frequency. Presented at the OPAM (Object Memory and Perception) satellite conference to the annual Psychonomic Society meeting, New Orleans, LA.

Robertson, L.C. & **Beuche, A.L.** (2000). Attentional shifts within and between objects: effects of perceptual structure and cueing. Presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.

Barnes, L.L., Robertson, L.C., **Beuche, A.L.** & Kim, M.-S. (1999). Perceived Space and Attention. Presented at the Cognitive Neuroscience Society Annual Meeting, Washington, DC.

GRADUATE COURSEWORK:

Fall 2003 (U.C. Berkeley) **Neglect**, Lynn C. Robertson.

Spring 2003 (U.C. Berkeley) **Neuroanatomy**, Marion Diamond.

Spring 2002 (U.C. Berkeley) **Perception**, Stephen Palmer; **Visual Spatial Disorders, Binding and Attention**, Lynn C. Robertson.

Fall 2001 (U.C. Berkeley) **Cognitive Neuroscience**, Richard Ivry, Jack Gallant and Noam Sobel; **Human Learning and Memory**, Eleanor Rosch, John Kihlstrom and Art Shimamura; **Clinical Neurology**, Robert T. Knight.

Spring 2001 (U.C. Berkeley) **Consciousness**, John Kihlstrom; **Memory**, Art Shimamura.

Fall 2000 (U.C. Berkeley) **Functional MRI methods**, Mark D'Esposito; **Functional Hemispheric Differences in Perception**, Lynn C. Robertson & Richard Ivry; **Data Analysis**, Geoffery Keppel; **Teaching Psychology**, John Kihlstrom.

Fall 1999 (U.C. Davis Center for Neuroscience, audited): **Brain Imaging Seminar**, Karen Sigvardt.

Fall 1999 (U.C. Berkeley): **Spatial Cognition Seminar**, Stephen Palmer.

Summer 1999 (U.C. Berkeley): **Statistics 2 (Introduction to Statistics)**, Mihael Perman.

SERVICE:

Spring 2002 Student coordinator for Annual Berkeley-Stanford Student Talks.

Spring 2001 Teaching Resource Center board member (Cognitive area rep).

Spring 2001 Prospective graduate student coordinator.

REFERRED JOURNALS:

Perception & Psychophysics

Cerebral Cortex

PROFESSIONAL MEMBERSHIPS:

Cognitive Neuroscience Society (since 1999)

Society for Neuroscience (since 2000)

REFERENCES:

Lynn C. Robertson, advisor (lynnrob@berkeley.edu)

Robert T. Knight (rtknight@berkeley.edu)

Richard B. Ivry (ivry@berkeley.edu)

William Prinzmetal (wprinz@berkeley.edu)

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