

Katharine A. Tillman
<http://www.villanelle.org>
 kat@villanelle.org
 (202) 957-0033

Curriculum vitae & résumé

Education:

New York University
 Bachelor of Arts, *summa cum laude*, May 2009
 Major: Psychology
 Minors: Creative Writing, Classics
 GPA 3.92

Coursework includes: neuroscience, seminars in visual perception and frontal lobe functioning, advanced workshops in fiction & creative nonfiction writing, ancient religion, drawing & painting, Latin & French

Experience:

August 2010-Current
 Asst Research Scientist
 Denis Pelli Laboratory
 Department of Psychology & Center for Neural Science, NYU

August 2004-May 2009
 Jr Research Scientist & Lab Manager
 Denis Pelli Laboratory
 Department of Psychology & Center for Neural Science, NYU

Research topics: perception, object recognition, reading, visual crowding, beauty, face & body recognition

Description: In my role as scientist, I designed and conducted psychophysical experiments, analyzed data, and co-authored many papers and abstracts. I presented my work at domestic and international conferences annually. As lab manager, I oversaw all the projects in the lab, helped mentor students of all levels from high school to postdoc, ran a weekly lab-meeting, and directed administrative aspects of the research (NIH grant applications and progress reports, IRB applications, supply acquisitions, etc).

February 2003-January 2005
 Technical Editor, *Journal of Vision*
 Association for Research in Vision and Ophthalmology, Rockville, MD

Description: As Technical Editor, I ensured that accepted articles met with the layout/formatting standards of this online-only, peer-reviewed journal. This required advanced use of Microsoft Word (for text and hypertext) and Adobe Illustrator (for graphs and figures).

January 2003-July 2004
 Manager and Assistant to Director
 Tranquil Space Yoga, Washington, DC

Description: I was involved in all aspects of running a small business growing into one of the largest and most successful yoga studios in Washington. My duties included customer service, copywriting and editing, executive support, technical support, training and overseeing studio assistants, coordinating workshops and events, and accounting.

Selected publications (scientific):

- Pelli, D. G., & Tillman, K. A. (2008) The uncrowded window of object recognition. *Nature Neuroscience*, 11(10):1129 - 1135.
- Pelli, D. G., Tillman, K. A., Freeman, J., Su, M., Berger, T. D., & Majaj, N. J. (2007) Crowding and eccentricity determine reading rate. *Journal of Vision*, 7(2):20, 1-36,
- Pelli, D. G., & Tillman, K. A. (2007) Parts, wholes, and context in reading: A triple dissociation. *PLoS ONE* 2(8): e680.

Conference presentations & talks:

Vision Sciences Society annual meeting
 2005-07 (Sarasota, FL); 2008-09 (Naples, FL)

European Conference on Visual Perception
 2006 (St. Petersburg, Russia); 2008 (Utrecht, the Netherlands)

Tillman CV & résumé (con't)

Fiction, essays, & other writings

have appeared in such publications as *The Sun* magazine, *Kiss Machine*, *Slash* magazine, *InTheFray*, & Nerve.com (see Complete Publications).

Technology:

Microsoft Office, Photoshop, Illustrator, InDesign, Dreamweaver, EndNote, SPSS, MATLAB, Kaleidagraph, basic HTML, social media/blogging, iWork, MacOS

Scholarships, awards, & programs:

2009 NYU Founder's Day Scholar
 2009 Certificate of Achievement in Psychology
 2007 Dean's Award for Excellence in Psychology
 2003 200-hr Yoga Teacher Training Program
 (Tranquil Space Yoga, Washington, DC)
 2001 NYU Trustees' Scholarship
 2001 National Merit Scholarship (NYU)
 2001 Robert C. Byrd Honors Scholarship
 2000 Sewanee Young Writers Program (University
 of the South, Sewanee, TN)
 1999 Georgia Governors Honors Program
 (Valdosta State University, Valdosta, GA)

Photographic exhibitions:

June 2009, Synthetic Zero Art Space, New York City
 Feb 2007, Synthetic Zero Art Space, New York City
 November 2005, INTIMACY: human people,
 Campbell Works Gallery, London, UK
 Oct 2005, Synthetic Zero Art Space, New York City
 Dec 2004 – Jan 2005, 19 @ 19, Studio 19 gallery,
 Easthampton, MA

Memberships:

Vision Sciences Society, Society for Neuroscience, NY
 Academy of Science, Phi Beta Kappa, Psi Chi

Personal interests:

Contemplative spirituality, meditation, yoga,
 philosophy, modern art, literature, photography, the
 American South

Publications

Scientific (peer-reviewed):

Tillman, K. A., & Pelli, D. G. (2009). Reading pictures [Abstract]. *Journal of Vision*, in press.

Chakravarthi R, **Tillman K. A.**, Denis G. Pelli D. G. (2009). Features used or features available? [Abstract] *Journal of Vision*, in press.

Pelli, D. G., & **Tillman, K. A.** (2008) The uncrowded window of object recognition. *Nature Neuroscience*, 11(10):1129 - 1135.

Tillman, K. A., Araki, M., & Pelli, D. G. (2008). Crowding shows that faces have parts and bodies do not [Abstract]. *Perception* 37 ECVF Abstract Supplement 2008.

Pelli D. G., **Tillman K. A.** (2008) The uncrowded window and the Bouma law [Abstract]. *Perception* 37 ECVF Abstract Supplement 2008

Cantone, A. R., **Tillman, K. A.**, & Pelli, D. G. (2008). Eccentric features integrate slowly [Abstract]. *Journal of Vision*, 8(6):653.

Pelli, D. G., **Tillman, K. A.**, Freeman, J., Su, M., Berger, T. D., & Majaj, N. J. (2007) Crowding and eccentricity determine reading rate. *Journal of Vision*, 7(2):20, 1-36,

Pelli D. G., **Tillman K. A.** Visual crowding distinguishes features, parts, and objects [Abstract]. *Perception* 36 ECVF Abstract Supplement 2007

Pelli, D. G., & **Tillman, K. A.** (2007) Parts, wholes, and context in reading: A triple dissociation. *PLoS ONE* 2(8): e680.

Tillman K. A., Pelli D. G. (2006). LWS: Three processes in reading [Abstract]. *Perception* 35 ECVF Abstract Supplement 2006

Tillman, K. A., Pelli, D. G., Martelli, M., Stott, J., & Rosenblatt, J. (2006). Is reading serial? [Abstract]. *Journal of Vision*, 6(6):995.

Pelli, D. G., & **Tillman, K. A.** (2006). Crowding limits reading [Abstract]. *Journal of Vision*, 6(6):993.

Pelli, D. G., Su, M., Berger, T.D., Majaj, N.J., Martelli, M., Guo, S., & **Tillman, K. A.** (2005). Crowding, shuffling, and capitalizing reveal three processes in reading [Abstract]. *Journal of Vision*, 5(8):806,

Fiction & essays:

“Locomotion.” *Storychord*, Issue 9. July 2010.

“Ways to Show Affection.” *The Sun*, Issue 365. May 2006.

“One-sentence Love Story.” *The Little Book of Water, Roads, Violence, Fireflies, Cigarettes, Heartbreak, Distance, Death, Devastation and L’Amour*. Ed. Leigh Stein. Summer 2005.

“Dirt”. *Slash Magazine*, Issue 2. 2005.

“Cross-pollination” (with Leigh Stein). *Hothouse*, Issue 2. Ed. Roxanne M. Carter. Persephassa Press. 2005.

“Land of Enchantment.” *InTheFray*. November 2005. (Voted Best of ‘Imagine’ 2005)

“Password Protection.” *Kiss Machine*, Issue 11 (the Shame Issue). 2005.

“Intimacy: Photos by Helena Kvarnström” (Gallery introduction). Nerve.com. 2005.

Helena Kvarnström: New Photography (Catalog introduction). For Studio 19 Gallery (Easthampton, MA). Birchlane Press. 2004.

“The Secret Collector.” *Hothouse*, Issue 1. Ed. Roxanne M. Carter. Persephassa Press. 2004.

“On Girls and Boys.” *Sleeps With Monsters*, Issue 1. Ed. Leigh Stein. 2003.

Olive Food. Self-published artist’s book / creative writing collection. 2002. (Sample covers, individually hand-painted with Japanese stab binding)

“Vignette.” *Birchlane*, Vol 1. Ed. Bruce Barone. Birchlane Press. 2001.