CURRICULUM VITAE

Flavia Filimon

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EDUCATION

PhD, Cognitive Science, *University of California, San Diego*
expected: 2008 (2001-present)

M.S., Cognitive Science, *University of California, San Diego* (2004)

B.A. (1st class Honors), **Psychology and French**,
University of Auckland, New Zealand. (2000)

AWARDS, HONORS, AND FELLOWSHIPS

2002 - present: Graduate Student Researcher, UCSD (with Dr. Martin I. Sereno).

2004-2006: Three-time Recipient of Teaching Excellence Award (highest T.A. award) University of California, San Diego.

2003: Recipient of Superior Teaching Award (second-highest T.A. award) University of California, San Diego.

2001: University of Auckland, N.Z., Masters Scholarship (not taken up)

2000-2001: Summer Research Scholarship, Research School of Biological Sciences, Australian National University, Canberra, Australia.

2000: University of Auckland Masters/Honors Scholarship

1999: Senior Prize in Psychology (University of Auckland, New Zealand)

1999: Senior Scholarship in French (University of Auckland, New Zealand)

1997-1999: University of Auckland Alumni Association Undergraduate Scholarship

1996: 1st prize in New Zealand Alliance Française national French competition.

TEACHING EXPERIENCE

Teaching Assistant

University of California, San Diego (2002 - 2007)

upper-division undergraduate courses:

* 2002 - 2007: Systems Neuroscience, Department of Cognitive Science

  - received Teaching Excellence Award for 2004, 2005 and 2006, and Superior Teaching Award for 2003, based on excellent student evaluations.

  - led discussion sections, prepared handouts and online material/ website; held office hours and review sessions; graded exams.

* 2002: Cognitive Neuroscience, Department of Cognitive Science

  - led discussion sections, held office hours
  - helped design exams and tests; graded exams.

University of Auckland, New Zealand (2000 - 2001)

upper-division undergraduate courses:

* 2001: Evolution, Behavior, and Cognition, Department of Psychology

  - held discussion sections; graded exams.

  Experimental Psychology, Department of Psychology

  - held laboratory sessions, assisted with running experiments; graded exams

* 2000: Biopsychology, Department of Psychology

  - held discussion sections and laboratory sessions; graded exams.

RESEARCH EXPERIENCE

Graduate Research Assistant, Department of Cognitive Science, UCSD, CA.
(2002 - present)
- functional and structural Magnetic Resonance Imaging research, including data collection and analysis, experiment design, stimulus design.
- familiarity with Varian and GE scanners and interfaces.

Software used:
- FreeSurfer and AFNI (analysis of neuroimaging data)
- MATLAB
- Final Cut Pro: editing of video data

Undergraduate Research (University of Auckland, New Zealand)
- Electro-encephalography recordings (Electrical Geodesics high-density 128-electrode caps), including electrode placement, data collection and analysis.

Software used:
- DataView

PUBLICATIONS AND CONFERENCE ABSTRACTS

Filimon, F; Nelson, JD; Hagler, D.J., Sereno, M.I. (submitted). Human cortical representations for reaching: Mirror neurons for execution, observation, and imagery.

Filimon, F; Nelson, JD; Sereno, MI (2006, May). Egocentric and allocentric reference frames for eye movements - an fMRI study. Journal of Vision, 6(6), 979a, http://journalofvision.org/6/6/979/

Nelson, JD; Cottrell, GW; **Filimon, F**; Sejnowski, T (2005, Dec). Optimal experimental design models of naive human information acquisition. NIPS 2005, Whistler, Canada.

Sadaghiani, S., **Filimon, F.**, Hagler, D.J., Sereno M. I. (2005, Oct.) Spatiotemporal brain-activation pattern during visually-guided reaching using cortical surface-based event-related methods. Society for Neuroscience 2005, Washington D.C.

Filimon, F., Nelson, J. D., and Sereno, M. I. (2005, July). Mirror neurons for observation, mental simulation, and execution of reaching movements in humans. ASIC 2005, Briançon, France.

Bryant, D., **Filimon, F.**, Gray, R. D. (2005).

Untangling our past: Languages, trees, splits and networks. (book chapter). In: "The evolution of cultural diversity", Ruth Mace, Clare J. Holden and Stephen Shennan (eds.), 444 UCL press.

Filimon, F., Nelson, J. D., & Sereno, M. I. (2005). Parietal cortex involvement in visually guided, non-visually guided, observed, and imagined reaching, compared to saccades Journal of Vision, 5(8), 629a, http://journalofvision.org/5/8/629/, doi:10.1167/5.8.629.

Filimon, F., Nelson, J. D., and Sereno, M. I. (2005). Human parietal activations to visually guided and non-visually guided reaching versus saccades. Annual meeting of the Cognitive Neuroscience Society**,** New York, NY, April 2005.

Filimon, F., and Sereno, M. I. (2004). Direct reaching and eye movements to visual targets studied with fMRI. Talk given at the Society for Neuroscience, program number 603.14, San Diego, CA, October 2004.

Sereno, M. I.; Huang, R; Saygin, A.; **Filimon, F.**; Hagler, D. (2004). Retinotopy of human cortex using phase-encoded video. Society for Neuroscience, program number 709.7, San Diego, CA, October 2004.

Filimon, F., Hagler, D. J., and Sereno, M. I. (2004). Overlapping neural substrates for executed, observed, and imagined reaching movements: a functional Magnetic Resonance Imaging study. Annual meeting of the Society for Cognitive Neuroscience, San Francisco, CA, April 2004.

Gray, R. D., Rutledge, R., **Filimon, F.**, and Bryant, D. (2004). How tangled is language evolution? Trees, splits and networks. The Annual New Zealand Phylogenetics Meeting. Skotel, Mt Ruapehu, New Zealand, February 2004.

Filimon, F., and Ruseckaite, R. (2001). Dichoptic evoked potentials using multiple frequency doubling stimuli. Australasia. Ophthal. Vis. Sci. Meeting, Sydney, Australia; & ISCEV Symposium, Montreal, Canada.

Filimon, F. (2001). Effect of sparseness and dichoptic presentation of multi-focal evoked potentials. Australasia. Ophthal. Vis. Sci. Meeting, Sydney, Australia. & Visual Processing IUPS Satellite, Sydney, Australia.

MEMBERSHIP AND PROFESSIONAL ACTIVITIES

* Society for Cognitive Neuroscience, Member

* Society for Neuroscience, Member

* Vision Sciences Society, Member

* Co-Editor of *Cognitive Science Online* , an online journal produced by the Department of Cognitive Science, University of California, San Diego. (2005-2006) (http://cogsci-online.ucsd.edu/site_texts/information.html)