

## Amir Shmuel's vitae

### Positions

- 2012 – MNI Killam Scholar
- 2010 – Associate member, Dept. of Physiology  
McGill University, Montreal, Canada.
- 2007 – Canada Research Chair in Neuroscience and Brain Imaging  
MNI, McConnell Brain Imaging Centre,  
Assistant Professor, Dept. of Neurology And Neurosurgery,  
Associate member, Dept. of Biomedical Engineering,  
McGill University, Montreal, Canada.
- 2004 – Visiting scientist,  
Center for MR Research, University of Minnesota, Minneapolis, MN.
- 2003 – 2004 Long-term fellow,  
European Molecular Biology Organization.
- 2002 – 2007 Research Scientist and Senior Research Scientist,  
Max Planck Institute for Biological Cybernetics, Tuebingen, Germany.  
Advisor: Prof. Nikos. K. Logothetis.
- 1999 – 2002 Postdoctoral fellow, Center for MR Research,  
University of Minnesota, Minneapolis, MN.  
Advisor: Prof. Kamil Ugurbil.
- 1993 – 1999 Graduate student and postdoctoral fellow,  
Departments of Neurobiology and Applied Mathematics,  
The Weizmann Institute of Science, Rehovot, Israel.  
Advisors: Prof. Amiram Grinvald and Prof. Shimon Ullman.
- 1990 – 1992 Systems and software consultant.
- 1985 – 1989 B.Sc., B.Med., and M.Sc. studies,  
Department of Computer Science and Haddasah Medical School,  
The Hebrew University of Jerusalem.

### Education

- 1999: **Ph.D.** in Neuroscience, The Weizmann Institute of Science.  
Advisors: Prof. Amiram Grinvald and Prof. Shimon Ullman.  
Fields of research: Vision, Cerebral Cortex, Organization of Visual Areas.  
Thesis: “Visual Areas V1 and V2: Functional Architecture and Organization of the Inter-Connectivity as Revealed by Optical Imaging”.
- 1990: **M.Sc.** in Computer Science, The Hebrew University of Jerusalem,  
***Summa Cum Laude.***  
Advisors: Prof. Michael Werman and Prof. Shmuel Peleg.

Fields of research: Computational Vision and Image Processing.  
Thesis: “Active Vision: 3D from an Image Sequence”.

1989: **B.Med.** in Medical Sciences, The Hebrew University of Jerusalem.

1987: **B.Sc.** in Computer Science, The Hebrew University of Jerusalem,  
*Summa Cum Laude.*

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## Honors and Awards

1. **Canada Research Chair award (2012 – 2017)**
2. **Human Brain Mapping Editor's Choice Award for 2008**  
Awarded for the paper: Shmuel A, Leopold DA (2008) Neuronal correlates of spontaneous fluctuations in fMRI signals in monkey visual cortex: implications for functional connectivity at rest. *Human Brain Mapping*, 29:751-761.
3. **Canada Research Chair award (2007 – 2012)**