

CURRICULUM VITAE (Short)

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I. ACADEMIC BACKGROUND

<i>Degrees</i>	<i>Institution</i>	<i>Country</i>	<i>Year</i>
Ph.D.	Université de Sherbrooke	Canada	1990
M.Sc.A.	Université de Sherbrooke	Canada	1986
B.Sc.	Université Laval	Canada	1984

II. EMPLOYMENT HISTORY

<i>Position</i>	<i>Dates</i>	<i>Organisation</i>
Canada Research Chair	04-01/...	Electrical Engineering, Polytechnique Montreal
Adjunct Professor	09-06/...	Electrical Engineering, Shanghai JiaoTong University, China
Invited Professor	07-02/...	Electrical Engineering, Univ. de Metz, France
Director	06-99/...	ReSMiQ Research Center, Interuniversity in Quebec
Professor	06-98/...	Electrical and Biomedical Engineering, École Polytechnique
Director	02-94/...	Polystim Neurotechnology Laboratory, Polytechnique Montreal
Adjunct Professor	11-95/08-98	Electrical Engineering, McGill University
Associate Professor	06-94/05-98	Electrical & Computer Eng., École Polytechnique
Assistant Professor	09-91/05-94	Electrical & Computer Eng., École Polytechnique
Post-Doctoral Fellow	02-90/08-91	Biomedical Engineering, McGill University.

III. HONORS AND AWARDS

2012-... Advisory Professor at Shanghai JiaoTong University, China;
2011-... Chair of the IEEE Circuits & Systems Society Distinguished Lecture Program;
2011 Elected Distinguished Lecturer of the IEEE Solid-State Circuits Society;
2011 Member of Quebec's Science & Technology mission to India;
2010 Recipient of the Desjardins intercultural office achievement Award;
2010 Member of Quebec's Science & Technology mission to China;
2010 Co-recipient of the best Texpo project award from CMC Microsystems annual workshop;
2008 Recipient of the Lebanese Embassy in Canada Achievements Award;
2008 Fellow of the Engineering Institute of Canada for contributions to engineering practices;
2008 Elected Officer of the National Order of Quebec for outstanding contributions;
2006 Recipient of the Amercian University of Science and Technology Achievements Award;
2006-09 Honorary Professor at Shanghai JiaoTong University, China;
2005 Recipient of the J. A. Bombardier Award for Research innovation and technology transfer;
2005 Medal of Honor from the President of Lebanon for outstanding achievements;
2005-07 Chair of the BioCAS technical committee of the IEEE-Circuits & Systems Society;

III. HONORS AND AWARDS (Continued)

- 2004 Fellow of the IEEE for contributions to implantable medical devices;
- 2004-06 Elected Distinguished Lecturer for the IEEE Circuits & Systems Society;
- 2004 Co-recipient of Myril B. Reed Best Paper Award of the 46th IEEE-MWSCAS;
- 2003 Recipient of the Barbara Turnbull's Award from the Canadian Institutes of Health Research (CIHR);
- 2003-10 Member of the Board of Director of Montreal rehabilitation interdisciplinary Research Center (CRIR);
- 2003-... Founder & general chair of the international IEEE NEWCAS conference;
- 2001 Fellow of the Canadian Academy of Engineering;
- 2001-03 Founder & CEO of Cortivision, a spinoff company;
- 2001 One of my projects was selected one of the ten discoveries of the Year by Quebec Science Magazine;
- 2000-... Awarded Canada research Chair on Smart medical devices;

IV. OTHER SAMPLES OF MOST IMPORTANT ACHIEVEMENTS

- 2010-... Deputy Editor-in-Chief of the IEEE Transactions on Circuits and Systems II;
- 2009-... Member of the International Editorial Board of the Journal of Healthcare Engineering;
- 2009 Co-recipient of the 2009 Excellence Award from the Society for Technology in Anesthesia;
- 2008-... Member of the Editorial Board of the Int. Journal of Circuit Theory and Applications;
- 2008 Co-recipient of the Best IEEE Solid-State Society Chapter of the year;
- 2007-... General Chair of the Int. Biomedical Circuits and Systems (BIOCAS2007);
- 2007-... General Chair of the Joint IEEE Int. MWSCAS and NEWCAS2007;
- 2006 General Co-Chair of the IEEE Int. Conf. On Electronics, Circuits and Systems (ICECS2006);
- 2005 General Chair of the Int. Functional Electrical Stimulation Society Conference (IFESS2005);
- 2004-... Co-founder and Associate Editor of the IEEE Trans. on Biomedical Circuits and Systems (TBioCAS);
- 2004 Editor of the Springer Analog Signal Processing Mixed-signal letters for the Americas;
- 2002-06 Member of the Board of Director of the Int. Functional Electrical Stimulation Society (IFESS);
- 2001-... Co-founder and Member of the scientific coordination committee of Prompt-Quebec;
- 2000-... Recipient of two major CFI grants (\$8.2M & \$4.0M) to establish microelectronics assembly facilities;
- 2000-... More than 50 Interviews with news media: Newspapers, Magazines, Radios, and TVs;
- 1999-... Scientific Advisor of several Canadian companies (Victhom Human Bionic, Scanview, etc).
- 1999-... Founder and Chair of the IEEE Solid-State Circuits Society (SSCS) Montreal Chapter;
- 1997 Academic excellence Award from École Polytechnique de Montréal;
- 1994-... Founder and director of the Polystim Neurotechnologies Laboratory;
- 1989 Medal of merit from Université de Sherbrooke for academic PhD achievements;

V. SUMMARY OF RESEARCH CONTRIBUTIONS

Publications	Last 6 years	Total
Refereed journal publications	89	129
Patents	9	13
Invited Talks / Keynotes	97	135
Refereed conference papers	160	391
Referred abstracts and posters, and Technical reports	20	100
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Students and other personal supervision	Supervised	Completed
Ph.D.	16	21
M.A.Sc.	15	85
Research assistants / associates, and Posdoctoral fellows	6	37
Undergraduate training R&D projects and internships	9	277