

Curriculum Vitae (Short Form)

Updated on June 30, 2009

Education

- 1972 Ph.D. Queen's University, Canada
- 1968 M.Sc. University of New Brunswick, Canada (Biomedical Engineering)
- 1966 B.A.Sc. University of British Columbia, Canada (Electrical Engineering)

Academic Appointments

- 2007-Present Professor of Electrical and Computer Engineering, Boston University
- 1985-Present Research Professor of Neurology, Boston University, School of Medicine
- 1984-Present Professor of Biomedical Engineering, Boston University
Acting Director and Adjunct Professor, Institute for Wellness and Disability Prevention, University of Medicine and Dentistry at New Jersey, School of Osteopathic Medicine
- 1999-2000
- 1986-1989 Dean, College of Engineering, Boston University
- 1985-1995 Senior Lecturer in Mechanical Engineering, MIT
- 1979-1984 Principal Research Associate in Orthopædic Surgery, Harvard Medical School
- 1977-1984 Adjunct Associate Professor in Biomedical Engineering, Boston University
- 1973-1985 Lecturer in Mechanical Engineering, MIT
- 1973-1979 Research Associate in Orthopædic Surgery, Harvard Medical School
- 1972-1973 Assistant Professor in Anatomy, Queen's University

Other Professional Appointments

- 1997-Present Founder and CEO of Altec Inc.
- 1993-Present Founder and CEO of Delsys Inc.
- 1984-Present Founder and Director, NeuroMuscular Research Center, Boston University
- 1988-1992 President, International Society of Electrophysiological Kinesiology
- 1984-2000 Health Science Specialist, Department of Veterans Affairs
- 1980-1984 Founder and Director, NeuroMuscular Research Laboratory, Orthopædic Surgery Department, Children's Hospital, Boston, MA
- 1978-1984 Research Member, Harvard-M.I.T. Division of Health Science and Technology
- 1973-1984 Research Associate in Orthopædic Surgery, Children's Hospital, Boston, MA
- 1973-1995 Project Director, Liberty Mutual Research Center, Hopkinton, MA

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Awards and Honors

- 2006 Tibbets Award from the Small Business Administration of America
 - 2005 Founding Fellow of the Biomedical Engineering Society
 - 2002 National Advisory Council for Biomedical Imaging and Bioengineering of NIH
 - 2002 Presidential Keynote Speaker, Gait and Clinical Movement Analysis Society
 - 2000 The John Basmajian Award, ISEK
 - 1999 Isabelle and Leonard H. Goldensen Technology Award, United Cerebral Palsy Foundation (1999)
 - 1998 The John Basmajian Award, ISEK
 - 1994 Stuart Reiner Memorial Lecture, 41st Annual Scientific Meeting of the American Association of Electrodiagnostic Medicine
 - 1993 Wartenweiler Lecture, XIVth Congress of the Society of Biomechanics
 - 1993 Founding Fellow of the American Institute of Medical and Biological Engineering AIMBE
 - 1989 International Volvo Award on Low Back Pain Research
 - 1986 Fellow of the IEEE
- Who's Who in America (1988- Present)
 - Who's Who in the World (1985, 1994 - Present)
 - Who's Who in the East (1981 - Present)
 - Who's Who in Frontier Science and Technology (1984, 1986)
 - Who's Who in Rehabilitation (1985)
 - Who's Who in Emerging Leaders (1987, 1989)
 - Who's Who in Medicine and Healthcare (1995, 1997)
 - Who's Who in Science and Engineering (1995, 1996)
 - Who's Who in American Education (1991 - Present)
 - Who's Who Among Italian Americans (2000)

Research Interests (current)

1. Motor control of normal and abnormal muscles
2. Objective assessment of functional activities in humans
3. Advanced technology for detecting and applying biosignals

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Major Assignments (selected)

1995 - Present	Scientific Advisory Board, Henry H. Kessler Foundation and Kessler Institute for Rehabilitation
2002 - 2006	National Advisory Council for National Institute for Biomedical Imaging and Bioengineering of NIH
1991 - 1992	Scientific Review Panel, Ontario Ministry of Health, Canada
1988 - 2000	Scientific Review and Evaluation Board, Department of Veterans Affairs
1988 - 1992	Administration Committee of the Engineering in Medicine and Biology Society
1977 - 1980	Review Committee on Rehab. Engineering Research and Development, Department of Veterans Affairs

Editorial Boards

1994 - 1995	<i>Spine</i>
1990 - 2000	<i>Journal of Occupational Rehabilitation</i>
1990 - 1992	Editor-in-Chief and Co-Founder, <i>Journal of Electromyography and Kinesiology</i>
1987 - 1991	<i>Electroencephalography and Clinical Neurophysiology</i>
1985 - 1991	<i>Orthopædics</i>
1981 - 1990	<i>Journal of Motor Behavior</i>
1978 - 2000	<i>Journal of Rehabilitation Research</i>

Publication Summary

Books	1
Original Articles (Peer-Reviewed)	102
Conference Papers	12
Reviews	5
Monographs	2
Book Chapters	20
Abstracts	255
Miscellaneous	4

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Patents

Patents 12

Theses Supervised

- 1 **Stulen FB.** M Sc, MIT, 1975
- 2 **Lichtenberg BK.** M Sc, MIT, 1975
- 3 **LeFever RS.** Ph D, MIT, 1980
- 4 **Stulen FB.** Ph D, MIT, 1980
- 5 **Oslan AL.** M Sc, Boston University, 1981
- 6 **Xenakis AP.** Ph D, Boston University, 1981
- 7 **Lawrence JH.** M Sc, MIT, 1981
- 8 **Mambrito B.** Ph D, MIT, 1983
- 9 **Balin M.** M D, Harvard, 1984
- 10 **Creigh J.** M Sc, MIT, 1984
- 11 **Gomez G.** M Sc, Boston University, 1988
- 12 **Casavant DA.** M Sc, Boston University, 1987
- 13 **Scala G.** M Sc, Boston University, 1988
- 14 **Xia N.** M Sc, Boston University, 1989
- 15 **Paul N.** M Sc, Boston University, 1990
- 16 **Brody L.** M Sc, Boston University, 1991
- 17 **Erim Z.** Ph D, Boston University, 1991
- 18 **Buijs RJC.** Elektrotechnisch Ingenieur, Delft University of Technology, The Netherlands, 1993
- 19 **Foley P.** M Sc, Boston University, 1994
- 20 **Kupa E, Jr.** M Sc, Boston University, 1994
- 21 **Giphart JE.** Elektrotechnisch Ingenieur, Delft University of Technology, The Netherlands, 1994
- 22 **Imhoff T.** Diplom-Ingenieur der Elektrotechnik, Rheinisch-Westfälische Technische Hochschule Aachen, Helmholtz Institute, Aachen, Germany, 1994
- 23 **Batra H.** M Sc, Boston University, 1995
- 24 **Adam A.** M Sc, Boston University, 1995
- 25 **Beg F.** M Sc, Boston University, 1997
- 26 **Lelas J.** M Sc, Boston University, 1999
- 27 **Giphart JE.** Ph D, Boston University, 2001
- 28 **Velisar A.** M Sc, Boston University, 2001
- 29 **Adam A.** Ph D, Boston University, 2002
- 30 **Meyer P.** Ph D, Boston University, 2002
- 31 **Sherill D.** M Sc, Boston University, 2003
- 32 **McGowan M.** M Sc, Boston University, 2007
- 33 **Lyford N.** M Sc, Boston University, 2008

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Research Associates who trained with Professor De Luca

1	Sabbahi M.	1979-84
2	Merletti R.	1980 (Oct - Dec) and 1985 (Sept) - 1986 (Jan)
3	Broman H.	1982-83
4	Roy S.	1982-present
5	Tiegerman V.	1984-85
6	Schneider J.	1984-85
7	Felici F.	1985 (June-Aug)
8	Matsuzawa I.	1985-86
9	Stashuk D.	1985-88
10	Noda Y.	1986-87
11	Damen G.	1986-87
12	Knaflitz M.	1987, 1990
13	Catani F.	1988-1989
14	Masuda T.	1988-89
15	Balestra G.	1989 (April-Aug)
16	Rossi B.	1989 (June-July)
17	Masakado Y.	1989 (July) - 1990 (June)
18	Collins J.	1990 (Sept) - 1997 (Dec)
19	Kiryu T.	1990 (June) -1991 (March)
20	Daplan C.	1991 (Sept)
21	Mineo K.	1991(March) -1992 (April)
22	Nagata A.	1991 (Sept) - 1992 (March)
23	Aoki T.	1992 (Feb) - 1994 (Feb)
24	Erim Z.	1992 (May) - 2001 (Dec)
25	Buchman A.	1992 (Aug) - 1993 (July-Aug)
26	Westgaard R.	1995 (Aug) - 1996 (July)
27	Bonato P.	1996 (March) - 2002 (Sept)
28	Bullock-Saxton J.	1996 (Nov) - 1997 (April)
29	Tassinary L.	1997 (Jan) - 1998 (Dec)
30	Kothiyal K.	1998 (July) - 1998 (Dec)
31	Kollmitzer J.	1998 (Sept) -1999 (Aug)
32	Salvini T.	1998 (Sept) - 1999 (Aug)
33	Manto M.	1999(Jan) - 2000 (Jan)
34	Ebenbichler G.	1999 (Jan) - 2000 (Aug)
35	Kaneko F.	2000 (Mar) - 2000 (Oct)
36	Gonzalez-Cueto J.	2001 (Jan) - 2001 (Dec)
37	Miwa M.	2002 (Sep) – 2003 (Mar)
38	Lee J.	2003 (Jan) – 2004 (Jan)
39	Riberio E.	2005 (Jan) – 2005 (June)
40	Zemkova E.	2005 (Oct) – 2006 (April)