

CURRICULUM VITAE FOR SHAUN LOVEJOY Oct. 28, 2018

Name: Shaun Lovejoy **Born:** 26/6/56, Ottawa, Canada.

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Research

Complex geosystems with structures spanning large ranges of scales, theoretical frameworks (scaling, fractals, multifractals), and data analysis and modelling. Application areas include atmospheric dynamics, climate, turbulence, hydrology, precipitation, topography, geogravity, geomagnetism, and biogeosystems.

Degrees

-B.A., M.A. Theoretical physics, Trinity College, Cambridge Univ., U.K., 1976, 1981.

-PhD. Physics, McGill University, 1981, Thesis: "The Remote sensing of Rain".

Scientometric data

Google scholar citations: 14165, h-index: 57, citations since 2013: 3873, i10 index: 187,

<https://scholar.google.com/citations?user=4A64FUEAAA&hl=fr&oi=ao>.

ISI web of knowledge: total citations: 6745, h-index: 42, <http://www.researcherid.com/rid/E-8019-2011>.

Professional Experience

Position held	Organization	Department	Start date	End date
Fessenden Professor	McGill University	Physics dept.	12/16	12/17
Professor	McGill University	Physics dept.	5/97	present
Associate Professor	McGill University	Physics dept.	6/90	4/97
Assistant Professor	McGill University	Physics dept.	9/87	5/90
Faculty Lecturer	McGill University	Physics dept.	1/85	6/85
Sabbatical leave	NOAA, Physical Sciences Division	Climate Diagnostic Center	9/2009	7/2010
	Laboratoire de Modélisation en Mécanique (CNRS), Paris		9/2002	5/2003
	Laboratoire de Météorologie Dynamique (CNRS), Paris		1/94	12/94
Member of research centres	Global Environmental and Climate Change Centre (GEC3)		9/2010	present
	GEOTOP		2/99	present
	Group InterUniversitaire de Recherche en Oceanographie du Quebec (GIROQ)		4/94	2002
Visiting Scientist	IBM Watson Research (with B. Mandelbrot)	Physical Sciences	9-10/82, 12/82-1/83	
Collaborateur Scientifique	Météorologie Nationale	Centre de Recherche en Météorologie Dynamique	8/83	8/85
PostDoc	CNRS	LMD, Paris	7/81	7/83

Scientific Leadership

Group leader	Climate Variability Across Scales , Past Climate changes (PAGES)	1/16	present
President	Nonlinear Processes section, European Geosciences Union	4/13	4/17
Member	EGU Council	4/13	4/17
Member	AGU Council	6/2010	12/12
President	Nonlinear Geophysics Focus Group AGU	12/2008	12/12
Vice President	Nonlinear Geophysics Focus Group AGU	12/2006	12/08
Editorial boards	Research Letters in Physics	8/2007	2017
	Nonlinear Processes in Geophysics	4/2010	present
	Nonlinear Processes in Geophysics	1993	1995
	Atmosphere	8/2010	2017
	Stochastic Environmental Research and Risk Analysis (SERRA)	5/98	2006

Awards and Honours

1985-1995	NSERC University Research Fellow, Physics dept., McGill,
1991	American Geophysical Union citations for excellence in refereeing
1999	Canadian Association of Physics, Canadian lecture tour
2003	American Geophysical Union citations for excellence in refereeing
2008	Canadian Association of Physics, Canadian lecture tour
April- June 2010	CIRES fellowship, University of Colorado, Boulder.
March, 2010	Borland lecturer, Colorado State University, Fort Collins
2010	Elsevier Highly cited author publishing distinction
2013	Canadian Association of Physics, Canadian lecture tour
October 2013	Visiting Fellow, Isaac Newton Institute for Mathematical Sciences
2014	Most mentioned paper (out of 759) in Climate Dynamics for 2014. Lovejoy, S., 2014: Scaling fluctuation analysis and statistical hypothesis testing of anthropogenic warming.
December 2015	Lorenz Lecturer, American Geophysical Union
July 2016	Fellow of the American Geophysical Union
January 2017	Fessenden Professorship, McGill University
October 2018	Lewis Fry Richardson medal, European Geosciences Union