▪ Curriculum   Vitae ▪

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birthday	May 3, 1953
citizenship	Mexican

education	Ph.D. History of Mathematics. Univ. of Toronto, 1983
	    Toronto, Ontario, Canada.
	MA. History and Philosophy of Science. Univ. of Toronto, 1979
	    Toronto, Ontario, Canada.
	BSc. Mathematics. Univer. Nac. Autónoma de Méx, 1977
	    México, D. F. México

research and teaching specialization	Mathematics education; popularization of mathematics; scientific journalism; scientific methodology; history and philosophy of mathematics (theory of sets, set-theoretic paradoxes; Bertrand Russell; Georg Cantor; Philip Jourdain; Greek and Mexican Mathematics)
publications	I include a list of some relevant publications
teaching and research experience	Universidad Iberoamericana. Visiting Scholar 2014 - 2015 Universidad Iberoamericana. Visiting Scholar 2007 Cinvestav, IPN. Visiting Scholar 2000 - 2001 Cinvestav, IPN. Visiting Scholar 1998 - 1999 Dibner Institute, MIT, MA, USA. 1996 - 1997 Ball State University. Muncie, IN, USA. 1990 Cinvestav, IPN. Visiting scholar. 1989 **UNAM. Full time Professor 1983 - ...** University of Toronto. Teaching assistant. 1982 Universidad Iberoamericana. Associate professor. 1976-1977 UNAM. Teaching assistant. 1975-1977
special lectureships	Research: 65 Pedagogic: 206
dissertation advisor	35 BA (Mathematics) 9 (Master of Science, Mathematics and Mathematical Education) 2 PhD (Mathematical Education)
honors	Visiting scholar (Universidad Iberoamericana, 2007, 2014-2015) Academic Merit, Soc. Mex. de Historia de la Ciencia y la Tecnología (2006) Dibner Fellow (1996-1997) Honorary member of the *Académie Internationale d'Histoire des Sciences.* Member of the *International Commission of Historians of Mathematics.* Fulbright Scholar (1990) Best Proposal for Doctoral Dissertation (The Bertrand Russell Society, 1981) Best Student (*El Diario de México*, Mathematics, 1976)

fellowship & grants	Conacyt. National System of Researchers, 2019-2034
	Conacyt. National System of Researchers, 2015-2020
	UNAM. Academic Grant. 2012-2017
	Conacyt. National System of Researchers, 2012-2015
	UNAM. Academic Grant. 2009-2012
	Conacyt. National System of Researchers, 2010-2012
	UNAM. Academic Grant. 2006-2009
	Conacyt. National System of Researchers, 2006-2010
	UNAM. Academic Grant. 2003-2006
	Conacyt. National System of Researchers, 2002-2005
	Conacyt. National System of Researchers, 1999-2002
	UNAM. Academic Grant. 1998-2003
	Dibner Resident Research Fellowship. MIT, MA, USA. 1996-1997
	Conacyt. National System of Researchers. 1996-1999
	UNAM. Research Grant History Mexican Mathematics. 1995-1998
	UNAM. Academic Grant. 1993-1997
	Conacyt. National System of Researchers. 1993-1996
	Conacyt. 1992
	UNAM. Research Grant Greek Mathematics. 1992-1995
	Conacyt. National System of Researchers. 1990-1993
	UNAM. Academic Grant. 1990-1992
	UNAM. Research Grant *Mathesis*. 1990-1992
	Fulbright. Muncie, Indiana. Jan 90 - Oct 90
	UNAM. Academic Grant. 1989-1990
	Conacyt. National System of Researchers. 1987-1990
	Conacyt. National System of Researchers. 1984-1987
	University of Toronto. 1983
	Bertrand Russell Society Grant. 1982
	Kenneth O. May Fund. 1981
	UNAM. 1979-1983 (PhD Program)
	UNAM. 1977-1979 (Master Program)

professional services

    editor: *Mathesis,* 1985 - ... (cofounder)
                              Matecracia, 1996 - ... (founder)

    co-editor: *Anamnesis* 1992 - 2000

.

associate editor	*Revista Brasileira de História da Matemática* (2001 - ...)
	Modern Logic (1995 - 1998)
	Historia Mathativa (1992 - 1994)
	Revista Ciencias (1986 - ...).

referee:	*Historia Mathematica*
	Quipu
	Matemáticas y Enseñanza
	Modern Logic
	Aportaciones Matemáticas Comunicaciones
	History and Philosophy of Logic
	Isis
	Conacyt
	Mathematical Association of America
	El Colegio de México
	Annals of Science
	Revista Brasileira de História da Matemática
	The Johns Hopkins University Press

collaborator	*Zentralblatt für Mathematik* (1989 - 1999)
	Mathematical Reviews (1987 - 1996)

chairman	VII International Colloquium on the History and Philosophy of Mathematics. (Mexico, D. F., March 2015)
	ICME (Study Group, 2008)
	HPM (local committee, 2008)
	III Conference on the History, Philosophy and Pedagogy of Mathematics. (Mexico, D. F., April 1996)
	II Conference on .... (Mexico, D. F., April 1995)
	I Conference on .... (Mexico, D. F., October 1994)
	VI)International Colloquium on the History and Philosophy of Mathematics. (Mexico, D. F., Jun 1995
	V International ... (México, D. F. Jun 1994)
	IV International ... (Bogotá, Colombia, July 1993)
	III International ... (Mexico, D. F., Jun 1992)
	II International ... (Mexico, D. F., Dec 1990)
	I International ... (Mexico, D. F., Dec, 1985)

coordinator	International Congre of History of Science (Manchester, Great Britain, 2013). Session on the History of Iberoamerican Mathematics. International Congress of History of Science (Budapest, Hungary, 2009). Session on the History of Iberoamerican Mathematics. International Congress of History of Science (Mexico D. F., Mexico, 2001). Session on the History of Iberoamerican Mathematics. International Symposium on Mathematical Structures (San Sebastian, Spain, Oct 1990).
member	International Programme Committee of ICMI (International Commission on Mathematical Instruction) for the study: "The Role of the History of Mathematics in the Teaching and Learning of Mathematics" [*ICMI*: Study on History]. 1996 - 2000
administrative experience	Administrator research project 'History of Set Theory in Mexico', 2012 - 201, Conacyt Administrator research project 'History of Mathematics in Mexico', 1995 - 1998, UNAM Administrator research project 'History of Greek Mathematics', 1992 - 1995, UNAM Administrator society: 'Association for the History, Philosophy and pedagogy of mathematical ideas', 1993 - 1995 Administrator research project: 'Mathesis', 1990 - 1993. Administrator journal Mathesis, 1985 - 1997 Treasurer 'El Colegio de Profesores' Faculty of Sciences, UNAM
professional societies & associations	*Académie International d'Histoire des Sciences* (invited member) *American Mathematical Society* *Asoc. para la Historia, Filosofía y Pedagogía de las Cien. Mat.* (President and founder). *Association for Politics and the Life Sciences* *Bertrand Russell Society* *British Society for the History of Mathematics* *British Society for the History of Science* *British Society for the Philosophy of Science* *Canadian Society for History and Philosophy of Mathematics* *Canadian Society for History and Philosophy of Science* *History and Pedagogy of Mathematics [America section]* *History of Science Society*

Philosophy of Science Association
Sociedad Matemática Mexicana
Society for Philosophy and Technology

SOME RELEVANT PUBLICATIONS

13. *Principios, infinito y paradojas. Escritos históricos en torno a los fundamentos de las matemáticas.* 2014. Madrid: Plaza y Valdés. (Coll. Nuevo Astrolabio, 3). 593 pp. ISBN: 978-84-15271-88-8.

12. *Uno, dos, tres, infinito, ..., y más allá*. 2011. Madrid: Nivola. (Col. Violeta 27). 157 pp. ISBN: 978-84-92493-60-9. [Coauthor Enrique M. Carpio].

11. "Historia de las ideas científicas y matemáticas. Una guía inicial". *Mathesis* **III 5$_2$** (2010) 163 - 303.

10. "The Americas. Mexico". Contained in: Christopher Scriba y Joseph Dauben (editors). *Writing the history of mathematics. Its historical development.* Basel: Birkhäuser. (Col. Historical Studies. Science Networks. Vol 27). 2002. 256 - 263 pp.

9. "El estado emocional de Bertrand Russell, circa 1901-1902". *[Revista de la] Universidad de México* **No. 541** (february 1996) 3 - 8.

8. *"The Principles of Mathematics* of Bertrand Russell. A biobibliographical note on its composition", contained in: R. S. Cohen y S. Ramírez (editors). *Mexican Studies in the History and Philosophy of Science*. 1995. The Netherlands: Kluwer Academic Press. Pages 213 - 232.

7. "The set theoretic paradoxes", contained in: Ivor Grattan-Guinnesss (editor). *Companion Encyclopedia of the History and Philosophy of the Mathematical Sciences*. Great Britain: Routledge. 1993. Vol I. Pages 629 - 634.

6. *Bertrand Russell and the origins of the set theoretic 'paradoxes'*. 1992. Basilea: Birkhäuser. 264 pp. ISBN: 3-7643-2669-7. [Digital version (2014): Berlin: Springer Verlag. ISBN: 978-3-0348-7402-1. Paperback version (2014): ISBN: 978-3-0348-7404-5. Spanish edition (1992): *Bertrand Russell y los orígenes de las 'paradojas' de la teoría de conjuntos.* Madrid: Alianza Editorial. (Col. Alianza Universidad 714). ISBN: 84-206-2714-3].

5."Should we trust primary sources? Bertrand Russell, a case study". *Archives Internationales des Histoires des Sciences* **42$_1$** (1992) 87 - 93.

4. "La precision du langage de Russell". *Cahiers du Seminaire d'Histoire des Mathématiques de Toulouse* **No 10** (1987) 1 - 12.

3. "On rewriting the history of the foundations of mathematics at the turn of the century." *Historia Mathematica* **13**$_1$ (1986) 39 - 41.

2. "The emergence of some of the non-logical paradoxes of the theory of sets". *Historia Mathematica* **12**$_4$ (1985) 337 - 351.

1. "Burali-Forti's paradox: A reappraisal of its origins". *Historia Mathematica* **8**$_3$ (1981) 319 - 350. [Coauthor: Gregory H. Moore].

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