



## ■ Curriculum Vitae ■

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México

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**birthday** May 3, 1953

**citizenship** Mexican

**education** Ph.D. History of Science. 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)

<b>publications</b>	I include a list of some relevant publications
<b>teaching and research experience</b>	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 <b>UNAM. Full time Professor 1983 - ...</b> University of Toronto. Teaching assistant. 1982 Universidad Iberoamericana. Associate professor. 1976-1977 UNAM. Teaching assistant. 1975-1977
<b>special lectureships</b>	Research: 63 Pedagogic: 176
<b>dissertation advisor</b>	29 BA (Mathematics) 8 (Master of Science, Mathematics and Mathematical Education) 2 PhD (Mathematical Education)
<b>honors</b>	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 <i>Académie Internationale d'Histoire des Sciences</i> . Member of the <i>International Commission of Historians of Mathematics</i> . Fulbright Scholar (1990) Best Proposal for Doctoral Dissertation (The Bertrand Russell Society, 1981) Best Student ( <i>El Diario de México</i> , Mathematics, 1976)
<b>fellowship &amp; grants</b>	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)

**co-editor:**

*Anamnesis* 1992 - 2000

**associate editor**

*Revista Brasileira de História da Matemática* (2001 - ...)  
*Modern Logic* (1995 - 1998)  
*Historia Mathematica* (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)

<b>coordinator</b>	International Congress 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).
<b>member</b>	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" [ <i>ICMI: Study on History</i> ]. 1996 - 2000
<b>administrative experience</b>	Administrator research project 'History of Set Theory in Mexico', 2012 - 2016, 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
<b>professional societies &amp; associations</b>	<i>Académie Internationale d'Histoire des Sciences</i> (invited member) <i>American Mathematical Society</i> <i>Asoc. para la Historia, Filosofía y Pedagogía de las Cien. Mat.</i> (President and founder). <i>Association for Politics and the Life Sciences</i> <i>Bertrand Russell Society</i> <i>British Society for the History of Mathematics</i> <i>British Society for the History of Science</i> <i>British Society for the Philosophy of Science</i> <i>Canadian Society for History and Philosophy of Mathematics</i> <i>Canadian Society for History and Philosophy of Science</i> <i>History and Pedagogy of Mathematics [America section]</i> <i>History of Science Society</i>

*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<sub>2</sub> (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-Guinness (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**<sub>1</sub> (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**<sub>1</sub> (1986) 39 - 41.
2. “The emergence of some of the non-logical paradoxes of the theory of sets”. *Historia Mathematica* **12**<sub>4</sub> (1985) 337 - 351.
1. “Burali-Forti’s paradox: A reappraisal of its origins”. *Historia Mathematica* **8**<sub>3</sub> (1981) 319 - 350.  
[Coauthor: Gregory H. Moore].

**Dr. Alejandro R. Garciadiego**

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August 2016