

David E. Zitarelli

EDUCATION: Pennsylvania State University, Ph.D. 1970
Temple University, B.A. 1963, M.A. 1965
Pennsylvania Military College, 1959-1962 (no degree)

POSITIONS

Temple University:
Associate Professor, 1977
Tenured, 1976
Appointed Assistant Professor, 1970
Vanderbilt University, Visiting Assistant Professor, 1976

PUBLICATIONS

Books published:

1. *EPADEL: A Semisesquicentennial History, 1926-2000*, Raymond-Reese Book Co., 2001.
2. Translation from Russian of *Lectures on Semigroups of Translations* (by B. Schein), American Mathematical Society Translations (2) **113** (1979), 123-181.
3. *Lectures on Orthodox Semigroups*, Vanderbilt University, May 1976, 55 pp.
4. Translation from Russian of *Exercises in Group Theory* (by Lyapin, Aizenshtat, and Lesokhin), published jointly by Plenum Press (New York) and Wolters-Noordhoff Publishing (Groningen), 1972.

Textbooks published:

1. *Linear Algebra LABS with MATLAB* (with David R. Hill), Macmillan Publishing Co., 1994; second edition, Prentice-Hall, 1996; third edition, Prentice-Hall, 2003.
2. *A Collaborative Approach to Mathematics*, Raymond-Reese Book Co., 1999.
3. *Brief Calculus* (with Raymond Coughlin), Saunders College Publishing Co., 1990; second edition, 1993.
4. *Calculus with Applications* (with Raymond Coughlin), Saunders College Publishing Co., 1989; second edition, 1993.
5. *Finite Mathematics and Calculus with Applications* (with Raymond Coughlin), Saunders College Publishing Co., 1989; second edition, 1992.
6. *Finite Mathematics with Applications* (with Raymond Coughlin), Saunders College Publishing Co., 1989; second edition, 1992; third edition, Raymond-Reese Book Co., 1997.
7. *The Ascent of Mathematics* (with Raymond Coughlin), McGraw-Hill Book Co., 1984.

Refereed papers

1. Who was Miss Mullikin? (with Thomas L. Bartlow), *Amer. Math. Monthly* **115** (2008) [to appear]. <http://math.temple.edu/~zit/Zitarelli/Mullikin.pdf>
2. Was Pythagoras Chinese? in *Hands-on History: A Resource for Teaching Mathematics*, Amy Shell-Gellasch (ed.), MAA Notes Series, 2007, 41-48 [to appear]. http://math.temple.edu/~zit/Zitarelli/Pythag_Chinese.pdf
3. "Limit points and connected sets in the plane," *Convergence* (online journal of the MAA), August 2007 (computer graphics supplied by David R. Hill) <http://mathdl.maa.org/convergence/1/?pa=content&sa=viewDocument&nodeId=1582>
4. Straddling Centuries: The struggles of a mathematician and his university to enter the ranks of research mathematics, 1870-1950, *Historia Mathematica* **34** (2007) 271-288. <http://math.temple.edu/~zit/Zitarelli/Straddling.pdf>
5. In the shadow of giants: A section of American mathematicians, 1925-1950, *Mathematics Magazine* **78** (2005), 175-191. <http://math.temple.edu/~zit/Zitarelli/Shadow.pdf>
6. The bicentennial of American mathematics journals, *College Mathematics Journal* **36** (2005), 2-15. <http://math.temple.edu/~zit/Zitarelli/MC.pdf>
7. The origin and early impact of the Moore Method, *American Mathematical Monthly* **111** (2004), 465-486. <http://math.temple.edu/~zit/Zitarelli/RLM%20Monthly.pdf>
8. Towering figures in American mathematics, 1890-1950, *American Mathematical Monthly* **108** (2001), 606-635. (MR 1862099; 2002i:01026) <http://math.temple.edu/~zit/Zitarelli/monthly606-635.pdf>
9. Subdirectly irreducible Rees matrix semigroups, *Bulletin of the Australian Mathematical Society* **16** (1977), 351-354. (MR 56.4 #8735).
10. Compatible extensions and subdirectly irreducible semigroups, *Semigroup Forum* **10** (1974), 241-252. (MR 54.3 #5378; Ref. Zh. 1975 #9A152).
11. Inverse subsemigroups of Rees matrix semigroups, *Bulletin of the Australian Mathematical Society* **9** (1973), 445-463. (MR 51.6 #13101; Zb. 268.20043).

Book Reviews

1. *The Volterra Chronicles: The Life and Times of an Extraordinary Mathematician 1860-1940* (by Judith R. Goodstein, AMS, 2007), *Mathematical Reviews* [to appear 2007]
2. *Pursuit of Genius: Flexner, Einstein, and the Early Faculty at the Institute for Advanced Study* (by Steve Batterson, A K Peters, 2006), *Historia Mathematica* **34** (2007), 443-446. http://math.temple.edu/~zit/Zitarelli/IAS_review.pdf
3. *When Computers Were Human* (by David Alan Grier, Princeton U. Press, 2005), *American Mathematical Monthly* **113** (2006), 663-668. http://math.temple.edu/~zit/Zitarelli/Grier_review.pdf
4. *R.L. Moore: Mathematician and Teacher* (by John Parker, Mathematical Association of America, 2005), *American Mathematical Monthly* **113** (2006), 187-192. http://math.temple.edu/~zit/Zitarelli/Parker_AMMreview.pdf
5. *Joseph Liouville 1809-1882. Master of Pure and Applied Mathematics* (by Jesper Lützen, Springer-Verlag, 1990), *Historia Mathematica* **20** (1993), 205-210.
6. *Ramanujan Revisited* (by George E. Andrews *et al*, eds., Academic Press, 1988), *The American Scientist*, March-April 1989, 180-181.

Other scholarly publications

1. Biographies of American mathematicians, *Lexikon bedeutender Mathematiker*, Eds. S. Gottwald, H.-J. Ilgands, K.-H. Schlote, Deutsch Publisher, Frankfurt [to appear].
2. Foreign-born presidents, *Notices of the American Mathematical Society* **52** (2005), 598.
3. Book Review, *R.L. Moore: Mathematician and Teacher* (by John Parker, Mathematical Association of America, 2005), MAA Online, April 2005.
4. The genesis of the Moore Method, in Daniel Curtin, ed., *Proceedings of the Ninth Midwest History of Mathematics Conference*, Miami University, Oxford, OH, 2003, pp. 21-32. <http://math.temple.edu/~zit/Zitarelli/Genesis%20Midwest.pdf>
5. Graduate students and the joint mathematics meetings: A report, *Focus* **5** (May/June 2003), 22-23.
6. An open letter to an Open friend, *Newsletter of the British Society for the History of Mathematics* **45** (Spring 2002), 20-21
7. Rank and file American mathematicians, in Amy Shell-Gellasch, ed., *Proceedings of the History of Undergraduate Mathematics in America*, United States Military Academy, West Point, NY, 2001, pp. 179-193. <http://math.temple.edu/~zit/Zitarelli/WP%20Rank&File.pdf>
8. An outline of the history of mathematics in America, in James J. Tattersall, ed., *Proceedings of the Canadian Society for History and Philosophy of Mathematics*, Univ. Toronto, 1999, pp. 286-297.

PAPERS PRESENTED AT PROFESSIONAL MEETINGS

1. "Who was Miss Mullikin?" Special Session on the History of Mathematics, AMS/MAA annual meeting, San Diego, January 2008.
2. "Miss Mullikin and the internationalization of topology," International Commission on the History of Mathematics, Lhasa, Tibet, July 2007.
3. "The other American mathematical congress," Special Seminar on the History of Mathematics, AMS/MAA annual meeting, New Orleans, January 2007.
4. "Categorizing second-tier mathematicians," AMS Meeting, Miami, FL, April 2006.
5. "The Moore-Kline correspondence: A portrait of two mathematicians," History of Science Society annual meeting, Austin, TX, November 2004.
6. "The bicentennial of American mathematics journals," History and Pedagogy of Mathematics annual meeting, April 2004.
7. "The bicentennial of American mathematics journals," Philadelphia Area Seminar on the History of Mathematics, Villanova University, December 2003.
8. "The Genesis of the Moore Method," Ninth Midwest History of Mathematics Conference, Miami University, October 2002.
9. "EPADEL founders: Five fantastic figures," EPADEL Section, MAA, Annual meeting, Lehigh University, October 2001.

10. "A course on the history of mathematics in America," joint meeting of the Canadian Society for the History of Mathematics and the British Society for the History of Mathematics, Toronto, June 1999.
11. "Was Pythagoras Chinese?" AMS-MAA meeting, San Antonio, January 1999.

INVITED ADDRESSES

1. "Who was Miss Mullikin?" Special Session on the History of Mathematics, AMS/MAA annual meeting, San Diego, January 2008.
2. "Who was Miss Mullikin?" Philadelphia Area on the History of Mathematics, Villanova, September 2007.
3. "Miss Mullikin and the internationalization of topology," International Commission on the History of Mathematics, Lhasa, Tibet, July 2007.
4. "The other American mathematical congress," Special Session on the History of Mathematics, AMS/MAA annual meeting, New Orleans, January 2007.
5. "Categorizing second-tier mathematicians," AMS Meeting, Miami, FL, April 2006.
6. "The Moore-Kline correspondence: A portrait of two mathematicians," History of Science Society annual meeting, Austin, TX, November 2004.
7. "A mathematical community in the Age of Jefferson," American Philosophical Society, Philadelphia, April 2004.
8. "The bicentennial of American mathematics journals," Colloquium, Central Michigan University, April 2004.
9. "The genesis of the Moore Method," Colloquium, University of Virginia, March 2003.
10. "The annual AMS-MAA meeting," Candidates Seminar, Temple University, December 2002.
11. "J. B. Reynolds and mathematics in America, 1900-1940," 30th Annual Miami University Mathematics and Statistics Conference, October 2002.
12. "Rank and file American mathematicians," West Point, June 2001.
13. "Towering figures in American mathematics, 1890-1950," Frederick V. Pohle Colloquium Series, Adelphi University, May 2000.

TEACHING AWARDS

1. Excellence in Teaching in Math and Computing Sciences, 2007
2. Great Teacher Award, 2005
3. Fellow, Temple Teaching Academy, 2004
4. Lindback Award for Distinguished Teaching, 2001
5. Honors Professor of the Year, 2001
6. Rated "One of the Best Teachers at Temple" in Lisa Birnbach, *College Guide*, 1991
7. Excellence in Teaching Award, CAS Alumni Association, 1989