Curriculum Vitae: T. Y. Lam

Born: February 6, 1942.

Marital Status: Married, four children.

Degrees: B.A., University of Hong Kong, 1963.
Ph.D., Columbia University, 1967. (Thesis Supervisor: H. Bass.)

Academic Positions:

Research Fellow (Summer, 1967): University of Illinois.
Instructor (1967-68): University of Chicago.
Lecturer (1968-69): University of California, Berkeley.
Assistant Professor (1969-72): University of California, Berkeley.
Associate Professor (1972-76): University of California, Berkeley.
Professor (1976–present): University of California, Berkeley.
Deputy Director (1995-97): Math. Sci. Research Institute, Berkeley (MSRI).

University Administrative Positions:

Vice Chairman, Department of Mathematics
Apr. 1974–June 1975, July 1980–June 1981, July 1985–June 1987, July, 1998–.
Head Major Advisor, Department of Mathematics, 1983–86, 1993–1997.
Hearing Officer, Office of Student Conduct.
Department Liaison Person with the Office of Relations with Schools, 1986-87.
University Committee Service: Committee on Courses, Committee on Quantitative Reasoning, Committee on Undergraduate Preparatory and Remedial Education
Committee to Select Winners for the Noyce Prize.

Honors:

Alfred P. Sloan Foundation Fellow: 1972-74.
Miller Research Professor: University of California, 1978-79.
John Simon Guggenheim Foundation Fellow: 1981-82.
American Mathematical Society Leroy P. Steele Prize: 1982.

Editorial Experience:

Associate Editor, Communications in Algebra (in 1980s).
Associate Editor, Journal of Number Theory.
Associate Editor, Journal of Algebra and Its Applications.
Associate Editor, Forum Geometricorum.
Associate Editor, Encyclopedia of Mathematics, Cambridge University Press.

Organizational Experience:

Member, Organizing Committee: Quadratic Form Conf., Corvallis, Oregon, 1986.
Organizer (with W. Jacob): Mini-Conference in Quadratic Forms and Division Algebras, Berkeley, November, 1987.
Organizer (with R. O. Robson): "Ragsquad" Special Year in Real Algebraic Geometry and Quadratic Forms, Berkeley, 1990-91.
Member, Organizing Committee: AMS Summer Research Institute, 1992.

Service to Scholarly and Professional Organizations:

External Examiner, Chinese University of Hong Kong, 1988.
Treasurer, Pacific Journal of Mathematics.
Member, External Departmental Review Committee: Univ. of Notre Dame, 1990.
Member, AMS Committee to Nominate Speakers for West Coast Meetings.
Chair, AMS Committee on Translation from the Chinese, 1982-present.
Member, AMS Committee on Committees, 1991-92.
Member, AMS Ad Hoc Committee to Study the Committee Structures, 1991-93.
External Examiner, University of Hong Kong, 1997-2001.
Member, AMS Committee on Human Rights, 1996-2004.
Member, AMS Committee on Steel Prizes, 2003-2006.

Ph.D. Students (and their current positions):

Richard S. Elman (1972): Professor, UCLA.
Daniel B. Shapiro (1974): Professor, Ohio State University.
Lawrence Berman (1978): working in the computer industry.
Jonathan Harman (1980): working in the computer industry.
Jonathan Merzel (1980): Professor, Holy Names College.
Michel Spira (1987): Professor, Univ. Minas Gerais, Brazil.
Tara L. Smith (1988): Professor, University of Cincinnati.
Ka-Hin Leung (1988): Associate Professor, University of Singapore.
Detlev W. Hoffmann (1992): Professor, Univ. Franche-Comte, Besançon, France.
Alan Hyungju Park (1995): Associate Professor, Oakland University.
Monica J. Vazirani (1999): Assistant Professor, U. C. Davis.
Greg T. Marks (2000): Assistant Professor, St. Louis University.
Will L. Murray (2001): Assistant Professor, Cal State University, Long Beach.
Scott Annin (2002): Assistant Professor, Cal State University, Fullerton.
Mark S. Davis (2003): Assistant Professor.

Current Ph.D. students: Gautam Borooah, Alex Dugas, Alex Diesl, Pace P. Nielsen.

Special Lecture Series:

J. Clarence Karcher Lectures: University of Oklahoma, March 1979.
Principal Lecturer: NSF Regional Conference, Carleton College, August 1981.
Principal Lecturer: Sixth Latin American School of Mathematics (ELAM VI), Oaxtepec, Mexico, July 1982.
Pasquale Porcelli Lectures: Louisiana State University, October 1982.
Second Chinese Summer Institute: Nankai University, PRC, 1985.
Kenna Lectures: University of Notre Dame, March 1987.
Lonseth Lecture, Oregon State University, May 1994.
Trjitzinsky Lectures, University of Illinois, Urnana-Champaign, April, 1998.
Mini-Course on stable range, cancellation, substitution, and exchange, Ring Theory Center, Ohio University, May, 2003.

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[13] (with I. Reiner) *An excision theorem for Grothendieck rings*, Math. Zeit. **115**(1970), 153-164.

[14] (with I. Reiner and D. Wigner) *Restriction of representations over fields of characteristic p*, in "Representation Theory of Finite Groups and Related Topics", Proc. Symp. Pure Math. **21**(1971), 99-106, Amer. Math. Soc., Providence, R.I.

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[18] (with R. Elman) *Quadratic forms over formally real fields and pythagorean fields*, Amer. J. Math. **94**(1972), 1155-1194.

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[20] (with R. Elman) *Quadratic forms and the u-invariant, II*, Invent. Math. **21**(1973), 125-137.

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[107] *Corner ring theory: a generalization of Peirce decompositions, II*, in preparation.

[108] (with A. Leroy) *Wedderburn polynomials over division rings*, II, in preparation.

Books

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[2] *Serre's Conjecture*, xv+227 pp., Lecture Notes in Mathematics, Vol. 635, Springer-Verlag, Berlin-Heidelberg-New York, 1978.

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[10] *Serre's Problem on Projective Modules,* Monographs in Math., Springer-Verlag, Berlin-Heidelberg-New York, 2004 (to appear).

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