VITA

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INTERESTS: C*-algebras, operator theory, continua theory, and dimension theory.

EDUCATION: PhD, University of Houston, 1983, Mathematics; M.S. National Tsing Hua University, 1978, Mathematics; B.S. Chung Yuan Christian College of Science and Engineering, 1974, Mathematics.

EMPLOYMENT: 1998-Present   Professor of Mathematics, Texas A&M University at Galveston

1989-1998   Associate Professor of Mathematics, Texas A&M University at Galveston

1984-1989   Assistant Professor of Mathematics, Texas A&M University at Galveston

1983-1984   Visiting Assistant Professor of Mathematics, Texas A&M University, College Station

1980-1983   Teaching Fellow of Mathematics, University of Houston

1978-1979   Lecturer of Mathematics, Tung Nan College, Taiwan

1974-1976   Military Service, Engineering Troop

AWARDS: Distinguished Achievement Award in Teaching (University level), Association of Former Students, Texas A&M University, 2015.
The Neches-Gulf Marine Award, 2001 (The Most Effective Teacher Award).

Distinguished Teaching Award (College level), Association of Former Students, Texas A&M University, 2000.

Distinguished Faculty Achievement Awards (College level), Texas A&M University at Galveston, 1996. (To the TAMUG faculty who has distinguished himself by outstanding achievement in teaching, research, student

relationships, founded by the William Paul Richer Endowment.)

Distinguished Teaching Award, Association of Former Students, Texas A&M University, 1992. (To TAMU faculty in recognition and reward of superior classroom teaching.)

C.D. Mickey Award, Texas A&M University at Galveston, 1986. (The most effective teacher Award).

Member of Chung Yuan Honors Society XΔK, 1974.

PROFESSIONAL ACTIVITIES:

American Mathematical Society
Math reviewer - 2001-present.

Member of American Mathematical Society.
Participated and gave a talk in the international conferences: Great Plains Operator Theory Symposium 1985, 1989, 1991, and 1999. Participated and gave a talk in Linear Analysis (SUMIRFAS) at TAMU Mathematics Department 1998 and 1999.

Annual meeting of the Louisiana section of the Mathematical Association of America, 1990.
Received research fund supported by REP from TAMUG, 1992.

Submitted proposals to NSF (Division of Mathematical Sciences-Analysis), 1997-1999.

Participated and gave talks in seminars at various universities.

PUBLICATIONS:

1. Integral representatives by extreme points, thesis, National Tsing Hua University, 1978.
2. Representations of the Closed unit ball in C(X) by extreme points, *Tung Nan Journal* 4 (1979), 236-239.
3. The representation theory of completely bounded maps on C*-algebras, Ph.D. dissertation, University of Houston, 1983.
4. Completely bounded maps on C*-algebras, *Proc. Amer. Math Soc.* 93 (1985), 58-61.

5. Commutant representations of completely bounded maps, *J. Operator Theory* 13 (1985), 87-101 (with V. Paulsen).

6. The unique representation of a self-adjoint bounded linear functional, *Proc. Amer. Math. Soc.* 95 (1985), 58-61.

7. Completely bounded linear extensions of operator-valued functions on *-semigroups, *Proc. Amer. Math. Soc.* 105 (1991), 330-334.

8. On a theorem of Glimm, *Math Japonica* 35 (1990), 675-678.

9. On representations of completely bounded maps, *Journal of Mathematical Analysis and Applications,* 154 (1991), 212-225.

10. An nxn matrix of linear maps of a C*-algebra, *Proc. Amer. Math. Soc.* 112 (1991), 709-712.

11. The numerical radius of a completely bounded map, *Acta Math. Hung.* 59 (3-4) (1992), 283-289.

12. Representation of an nxn matrix of linear maps on a C*-algebra, *Math Japonica* 38 (1993) 593-596.

13. The minimum norm of certain positive maps, Proc. Amer. Math. Soc. 123 (1995), 2407-2416.

14. W_p contractions, *Soochow Journal of Mathematics* 24 (1998), 1-8.

15. W_A contractions, *Positivity* 2 (1998), 301-310.

16. Minimal commutant representations for certain completely bounded maps, *Soochow Journal of Mathematics* 25 (1999) 107-134.

17. Induced completely bounded norms and inflated Schur product, *Acta Sci. Math. (Szeged)* 66 (2000), 273-286).

18. W_p completely bounded maps, *Acta Sci. Math. (Szeged).* 67 (2001), 747-760.

19. Extension theorems for w completely bounded C-bihomomorphisms, *Acta Sci. Math. (Szeged).* 70 (2004), 183-194.

20. Extension theorems for $W_\rho (0 < \rho < 2)$ completely bounded C-bihomomorphisms, *Acta Sci. Math. (Szeged).* 74 (2008), 229-237.

21. On strictly positive operators, *Acta Sci. Math, (Szeged)*, 81 (2015), 599-604.

22. W_ρ completely bounded norms, *International Journal of Mathematical Analysis*, 11 (2017), no. 20, 987-998.

COMMITTEE WORK: **Exchange Store Committee**, member 1985-1986.
Traffic and Fiscal Appeals Panel Committee, member 1986-1987, 1991-1992.
Scholarship and Award Committee, member 1987-1988.
Faculty Research Advisory Committee, member 1989, 1991, and 1992.
Computer Committee, chairman 1987-1992.
Awards College Level Selection Committee, member 1991-1992; chairman 1998 and 2000.
Computer Committee, member 1987-1992.
Computer Task Force Committee, member 1992-1995.
Electronic Information Resources Planning Committee, member 1993-1994.
Master Teacher Panel Committee, member 1994-present.
TAMUG Promotion and Tenure Review Committee member 1999-2000.
Discrimination Appeals Committee, member, 2000-present.
TAMUG Tenure & Promotion Committee, member**, 2001, 2002, 2003
TAMUG Human Resource Search Committee, member 2001.
TAMUG Award Committee, Chair 2001.
TAMUG Departmental Tenure& Promotion Advisory Committee, member 2002, 2003, 2004.
TAMUG Distinguish Faculty& staff awards nominating Committee, member, 2003.
TAMUG Departmental Search Committee, member, 2003, 2004.
TAMUG Departmental Peer Review Committee, co-chair, 2004.
TAMUG Distinguish Faculty& Staff awards Selecting Committee, member 2004.
TAMUG Tenure & Promotion Committee, chair**.**
TAMUG Tenure & Promotion Committee, co-chair 2013.
TAMUG. Tenure & Promotion Committee, member, 2014, 2015.
TAMUG. Post-Tenure Review Committee, chair, 2017