

TEXAS A&M UNIVERSITY-CORPUS CHRISTI

Dr. Ping-Jung H. Tintera

Professional Associate Professor of Mathematics

College of Science & Engineering, Department of Mathematics & Statistics

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Degrees

EdD, Educational Leadership, Texas A&M University-Corpus Christi, 2003.
MS, Mathematics, Texas A&M University-Kingsville, 1993.
BBA, Business Mathematics, Soochow University, 1990.
BBA, International Business, Soochow University, 1990.
BS, Electronic Engineering, Yung-Ta College of Technology and Commerce, 1984.

Licensures and Certifications

Actuary License-level 100, American Academy of Actuaries, Canadian Institute of Actuaries, Society of Actuaries, Casualty Actuarial Society, and Conference of Consulting Actuaries. (April 1992 - Present)
Local Tournament Director (certified): Optimist Coastal Bend Chess Federation, (August 2003 – 2015)

Professional Memberships

The Research Council on Mathematics Learning (RCML).
Board member of Innovation Academy-Moody High School. (November 2013 - Present)

Academic and Professional Experience

Professional Associate Professor, Texas A&M University-Corpus Christi. (September 1, 2018 - Present)
Professional Assistant Professor, Texas A&M University-Corpus Christi. (September 1, 2012 - August 31, 2018)
Department Program Coordinator (August 2013 - August 2017)
Instructor, Texas A&M University-Corpus Christi. (2002 - 2012)
Adjunct Instructor, Texas A&M University-Corpus Christi. (1994 - 2002)
Visiting Instructor, Texas A&M University-Corpus Christi. (1998 - 1999)
Instructor, Embry-Riddle University, NAS Kingsville. (1993 - 1998)

Awards and Honors

Digital Learning Expert (DLE) for the College of Science and Engineering. (June 2020)
University Teaching Excellence Award, Texas A&M University-Corpus Christi. (April 2020)
Student organization Award, The Women of Alpha Gamma Delta, Delta Delta Delta, Gamma Phi Beta and Zeta Tau Alpha at TAMU-CC. (May 2019)
University Teaching Excellence Award, Texas A&M University-Corpus Christi. (April 2014)
Chancellor's Teaching Excellence Award, Texas A&M University system. (spring 2012)
Chancellor's Teaching Excellence Award, Texas A&M University System (spring and fall 2011)
Chancellor's Teaching Excellence Award, Texas A&M University System (spring and fall 2010)
Chancellor's Teaching Excellence Award, Texas A&M University System. (February 2009)
"Texas Higher Education 2003 Star Award Winner –College of Science and Technology", "Pathways to Success in Science Program" (2003)

Publications

Tintera, P. (2012). *Pedagogy of Teaching Linear Equations* (pp. 6). Charlotte, North Carolina: Research Council on Mathematics Learning.
Tintera, G. D., Tintera, P. (2012). Recasting of Traditional Mathematics Instruction Improves Learning. *Proceedings of the Research Council of Mathematics Learning, 39th Annual Meeting* (pp. pp 100-106) Conference Proceeding

Tintera, P. (2009). *The Facilitative Role of Graphing Calculators in Learning College Algebra: An Analysis of Adult Learner's Learning Style and Self-Efficacy in Mathematics* (pp. 85). Saarbrucken: VDM.

Tintera, P. *Mathematics Future: Academic Math Level, Math Self-Efficacy, and Career Intention and Goals for Education Supply*. (pp. 73 pages). Corpus Christi, Texas. By Nelson, T. H. (2014) Cited Research.

Presentations

Tintera, G. D., Tintera, P., "Recasting Instruction in Trigonometry - A Preliminary Report.," Joint Mathematical Meetings, Mathematics Association of America, Baltimore. (January 19, 2019). *National Level*

Tintera, P., "Math League Competition Prep and Rules," ME by the SEa, Coastal Council of Teachers of Mathematics, Corpus Christi, Texas. (June 14, 2019).

Tintera, P., "Visualize the Trigonometry Functions and Formulas on Geometric Figure," Digital Strategies Symposium, Distance Education & Learning Technologies, Omni Bayfront Hotel. (December 6, 2018).

Tintera, P., "Tricks for Trigonometry," ME by the SEa, Corpus Christi, Texas. (June 2017).

Tintera, P., "Math Education," Mathematical Association of America-100th year meeting, San Antonio, Texas. (April 10, 2015).

Tintera, P. (Author & Presenter), "ACADEMIC MATH LEVEL, MATH AND CAREER INTENTION AND GOALS FOR EDUCATION SUPPLY," RCML 2014 Conference 41st Annual Meeting February 27 - March 1, 2014 San Antonio, Texas, RCML 2014 Conference 41st Annual Meeting February 27 - March 1, 2014 San Antonio, Texas, February 27 - March 1, 2014 San Antonio, Texas. (February 28, 2014). *National Level*.

Tintera, P. (Author & Presenter), Tintera, G. D. (Author & Presenter), Research Council on Mathematics Learning, RCML, Charlotte, North Carolina. (February 24, 2012).

Tintera, P., "Gear Up Program", State grant funded program, San Francisco. (July 2011). *National Level*.

Tintera, P., "High School/College Pipeline," Texas College Readiness Standards, Regional Collaborative on CCRS, Del Mar College. (June 25, 2010).

Tintera, P., "Math and Chess: The Connections," ME By the Sea, Coastal Council of Teachers of Mathematics, Corpus Christi. (June 10, 2005).

Ricard, R., Tintera, P., "The impact of learning style on student learning college mathematics" Texas session of the Mathematics Association of America (MAA), Corpus Christi, TX. (April 2004).

Tintera, P., Tintera, G. D., "Learning Styles and Academic Variables of Taiwanese Students," Third International Congress of Chinese Mathematicians (ICCM 2004), The Chinese University of Hong Kong. (December 18, 2004).

Tintera, P., "The Impact of Learning Style of Students on Learning College Mathematics," Meeting of the Texas Section of the Mathematical Association of America, Texas Section of the Mathematical Association of America, Corpus Christi. (April 2, 2004).

Tintera, P., Ricard, R., "The Impact of Using Graphing Calculator on Math Self-Efficacy in College Algebra," 12th Annual Meeting of the South Texas Mathematics Consortium, The South Texas Mathematics Consortium, Laredo, TX. (February 21, 2004).

State Funded Grants and Sponsored Research

Tintera, George Dunkin, Tintera, Pingjung, "The Math in Museums Project," Sponsored by Texas Higher Education Coordinating Board, \$79,000.00. (2002 - 2003).

Intellectual Property (Book)

The Facilitative Role of Graphing Calculators in Learning College Algebra: An Analysis of Adult Learner's Learning Style and Self-Efficacy in Mathematics, Publication of Dissertation. (March 2009)

Professional Book Reviewer

"College Algebra", 1 st Edition, 800+ pp. McGraw Hill Publisher. ISBN: 978-0-07-753861-3, New York, NY 10020, USA. (November 2013).

"Trigonometry": 10th Edition of Trigonometry by Pearson, Addison Wesley. (2009), by Lial, Hornsby and Schneider.

"Beginning and Intermediate Algebra with Applications & Visualization" (2005), Pearson Addison Wesley, by Gary K. Rockswold and Terry A. Krieger.

Consulting

Texas Success Initiative-Prep, The Education Service Center, Region 2 Crossroad Adult Education and Literacy Program, Corpus Christi, Texas. (June 3, 2019 - June 28, 2019) Contact: Eva Cantwell, Career Navigator, Education Service Center, Region 2, CC.

West Oso High School, Texas Success Initiative-Prep, Corpus Christi, Texas, Compensated. (May 2018) Contact: Elsa R. Hofstetter, (M.Ed), Early College High School Director/Principal.

Math league competition - Elementary level, Corpus Christi, Texas, United States. (2019) Contact: Ms Kelly Cable at Windsor Park Elementary School, CC, Texas.

Board Member

The Fryderyk Chopin Society of Texas, Inc., (August 2003 - Present)
Sister City Committee of Corpus Christi, Corpus Christi, Texas (2005~2006)