Carol A. Weideman, Ph.D.

# EDUCATION

Ph.D. Temple University, Statistics

M.S. Temple University, Statistics

B.S. Hahnemann University/Drexel University

A.A. Bucks County Community College

# ACADEMIC EXPERIENCE

## St. Petersburg College 1999-Present

*Professor, Mathematics & Statistics 2008-Present*

 *Courses Taught: Statistics, Quantitative Reasoning,*

 *Business Statistics, Liberal Arts Mathematics,*

 *Research Methods*

## *Director, Institutional Research & Effectiveness* *2004-2008*

## *Program Director, Mathematics, Natural Science, Wellness 2002-2004*

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### Adjunct Professor of Mathematics 1999-2008

**Life University 2021 – Present**

*Adjunct Professor of Statistics*

 *Courses Taught: Statistics, College Algebra*

**Barry University** **2009-2014**

*Consultant Lecturer*

**ETS College Board** **2007, 2008, 2010, 2011**

Advanced Placement Reader in Statistics

Pasco-Hernando Community College 1991-1993

*Instructor of Mathematics*

Villanova University 1985-1986

*Adjunct Instructor of Statistics*

**Temple University 1980-1984**

### Adjunct Professor of Statistics

**Pennsylvania Institute of Technology 1978-1980**

*Adjunct Instructor of Mathematics*

PROFESSIONAL EXPERIENCE

Worked in senior management positions at several pharmaceutical and healthcare companies during the period from 1980-2000

# COMMUNITY SERVICE

**Florida Department of Elder Affairs 2002-Present**

**Long Term Care Ombudsman Program**

*Ombudsman*

*State Council Member* **2019-Present**

**Pinellas County Juvenile Welfare Board 2000-Present**

*Mid-County Community Council Member*

*Kids First/Cooperman Bogue Committee Chair & Voting Member*

GRANTS RECEIVED

*Chlamydia pneumonia* as a Risk Factor for Myocardial Infarction and Stroke, Principal Investigator, Suncoast Cardiovascular Research & Education Foundation, $15,000, 2001.

Body Mass Index as a Predictor of Cardiovascular Disease in the Elderly. Collaborating Investigator, American Heart Association, $120,000, 2001-2003.

# CERTIFICATION

ISO Certified Auditor/Lead Auditor Certificate No. 96054A-37712

Registered Medical Technologist MT (ASCP) Registry Number 098049

Quality Matters Peer Reviewer and Subject Material Expert

HONORS

College Board Advanced Placement Reader in Statistics 2007, 2008, 2010, 2011

Florida Association of Community Colleges, Institutional Effectiveness Exemplary Practice Award, 2007

Florida Association of Community Colleges, Chair of Institutional Effectiveness Commission, 2007-08

NISOD Excellence Award 2011

Florida Two-Year College Mathematics Association Teaching Excellence Award 2020

MEMBERSHIPS

American Mathematical Association

Florida Two-Year College Mathematics Association

American Statistical Association

Southern Association of Community College Research

Florida Association of Institutional Research

PUBLICATIONS

C.A. Weideman. Prediction of NBME Part I Examination Scores with Discriminant Functions. Temple University Technical Report, DAL-81-1, June 1981.

V.J. Theodorides, T.A. Nawalinski, N. Chimes, C.A. Weideman and S.M. Free. Anthelmintic Efficacy of Oxibendazole in Ponies: A Comparison of Methods. American Journal of Veterinary Research, 43:892-894, 1982.

C.A. Weideman and D. Raghavarao. Some Optimum Non-Adaptive Group Testing Designs for Identifying Two Defectives. Journal of Statistical Planning and Inference, 16:55-61, 1987.

J.R. Veltman and C.A. Weideman. Comparison of Pullet Performance Fed Diets Formulated to Different Nutrient Specifications With and Without Virginiamycin Supplementation. Nutrition Reports International, 35:179-190, 1987.

C.A. Weideman and D. Raghavarao. Non-Adaptive Hypergeometric Group Testing Designs for Identifying at Most Two Defectives. Communications in Statistics, 16(10):2991-3006, 1987.

C.A. Weideman. Use of Discriminant Functions to Predict Carcinogenicity. American Statistical Association Proceedings of the Biopharmaceutical Subsection, 57-62, 1987.

R.F. Walker, C.A. Weideman and E.B. Wheeldon. Reduced Disease in Aged Rodents Treated Chronically with SK&F 100168-A. Neurobiology of Aging, 9:291-301, 1988.

B.A. Eskin, R.A. Trivedi, C.A. Weideman and R.F. Walker. Positive Feedback Disturbances and Infertility in Women over Thirty. American Journal of Gynecologic Health, 2(4): 9-16, 1988.

R.F. Walker, F. Guerriero, T.V. Toscano and C.A. Weideman. Relative Cerebellar Weight: A Potential Indicator of Developmental Neurotoxicity. Neurobehavioral Toxicology and Teratology, 11(3): 251-255, 1989.

S. Bhattacharya, P. Leese, I. Mackie, C. Weideman, C. Smith, T. Schaible, R. Jordan, H. Berger, S. Machin and A. Lahari. Marked Inhibition of Platelet Function by GPIIb/IIIa Monoclonal Antibody Fragment 7E3 FAB. Eur. Heart Journal, 11:384, 1990.

R.F. Walker, C.A. Weideman and B.B. Bercu. Sex Differences in the Responses of Rats Administered Growth Hormone Releasing Peptide (GHRP-6) for 14 Consecutive Days. Endocrine Abstracts, June 1991.

F.A. Barber, S.D. Click and C.A. Weideman. Arthroscopic or Open Bankart Procedures: What are the Costs? Arthroscopy, 14(7): 671-674, 1998.

PRESENTATIONS AND ABSTRACTS

S.M. Free and C.A. Weideman. Enhancing Discrimination in Swine Growth Promotion Studies. Presented at the 141st Meeting of the American Statistical Association, Detroit, Michigan, 1981.

S.M. Free, L.G. Kennedy and C.A. Weideman. Balanced Littermate Assignments Can Help Explain Discrimination in Swine Growth Promotion Studies. Presented at the 73rd Annual Meeting of the American Society of Animal Science, North Carolina State University, Raleigh, NC, 1981.

C.A. Weideman and D. Raghavarao. Some Optimum Non-Adaptive Hypergeometric Group Testing Designs for Identifying Two Defectives. Presented by invitation at the Statistical Research Conference in memory of Jack Kiefer and Jacob Wolfowitz, Cornell University, Ithaca, NY, 1983.

C.A. Weideman and D. Raghavarao. Group Testing in Biological Models, an Anthelmintic Example. Presented by invitation at the 143rd Meeting of the American Statistical Association, Toronto, Canada, 1983.

C.A. Weideman and S.M. Free. Principal Components for Egg Production Trials. Presented at the 145th Meeting of the American Statistical Association, Las Vegas, Nevada, 1985.

J.R. Veltman, Jr. and C.A. Weideman. Comparison of Pullet Performance Reared Under Two Lighting Programs and Fed Diets Formulated to CRF's, DeKalb's or Hyline's Nutrient Specifications with and without Virginiamycin Supplementation. Presented at the 78th Annual Meeting of the American Association of Animal Science, North Carolina State University, Raleigh, NC, 1986.

C.A. Weideman. Use of Discriminant Functions to Predict Carcinogenicity. Presented at the 147th Meeting of American Statistical Association, San Francisco, CA, 1987.

E.B. Wheeldon, R.F. Walker and C.A. Weideman. Age-related Changes in the Adrenal Cortex of the Rat: Implications for Toxicologic Pathology. Poster Session at VII International Symposium, Society of Toxicologic Pathologists, Boston, MA, 1988.

B.A. Eskin, R.F. Walker and C.A. Weideman. Neuroendocrine Aging is a Cause of Infertility in Mid-Reproductive Women. Presented at the American Fertility Society 45th Annual Meeting, 1989.

I.E. Allen, C. Dating and C. Weideman. Statistical Methods for Assay Validation for Detection of Human Anti-Mouse Antibodies (HAMA's). Poster Session at American Statistical Association 1990 Winter Conference, Orlando, FL, 1990.

S. Bhattacharya, P. Leese, I. Mackie, C. Weideman, C. Smith, T. Schaible, R. Jordan, H. Berger, S. Machin and A. Lahari. Marked Inhibition of Platelet Function by GPIIb/IIIa Monoclonal Antibody Fragment 7E3 FAB. Presented at XIIth Congress of the European Society of Cardiology, 1990.

R.F. Walker, C.A. Weideman and B. Bercu. Sex Differences in the Responses of Rats Administered Growth Hormone Releasing Peptide (GHRP-6) for 14 Consecutive Days. Presented at Endocrine Society Meeting, Washington, D.C., 1991.

F.A. Barber, S.D. Click and C.A. Weideman. A Charge Comparison of Arthroscopic and Open Bankart Procedures. Presented at American Orthopaedic Society for Sports Medicine, Sun Valley, ID, June 1997.

H. Yamaguchi, H. Ikejima, G. Leparc, S. Phillips, C. Weideman, H. Friedman, Y. Yamamoto. Detection of *Chlamydia pneumoniae* DNA in Frozen Human Blood Clots by Touchdown PCR. Presented at American Society of Investigative Pathology, New Orleans, LA, April 2002.

S. Masley, S. Phillips, C. Weideman, D. Schocken. Body Mass Index (BMI) as a Predictor of Cardiovascular Disease (CVD) in the Elderly. Presented at American Heart Association, Washington, DC., October 2002.

C.A. Weideman and J. Coraggio. Comprehensive Academic Program Review. Presented at Florida Association of Community Colleges Institutional Effectiveness Spring Conference, St. Augustine, FL, May 2007.

C. A. Weideman and J. Coraggio. Using Institutional Effectiveness to Build a Culture of Continuous Improvement. Presented at Southern Association of Colleges and Schools Annual Meeting, New Orleans, LA, December 2007.

C. A. Weideman, J. Coraggio. and M. Tymms. Beyond Compliance: Using a Model of Academic Program Review to Improve Education. Presented at Florida Association of Institutional Research Annual Conference, Melbourne, FL, February 2008.

C. A. Weideman and D. Cannon. Adding it All Up: Student Success in Developmental Courses. Presented at Fall Professional Development Conference, St. Petersburg College, October 2009.

C. A. Weideman and M. Tymms. Assessment of Critical Thinking. Presented at Narrowing the Gulf Conference, St. Petersburg College, March 2010.

C. A. Weideman and J. Coraggio. Authentic Assessment. Presented at Fall Professional Development Conference, St. Petersburg College, October 2010.

J. Coraggio and C.A. Weideman. Authentic Assessment. Presented at Narrowing the Gulf Conference, St. Petersburg College, March 2011.

J. Rutledge and C. A. Weideman. Five Alive! A Critical Thinking Pilot Program for Mathematics. Presented at Fall Critical Thinking Institute For Teaching and Learning, St. Petersburg College, September 2011.

C. A. Weideman. Authentic Learning in Elementary Statistics. Presented to FTYCMA Conference, Polk State College, October 2011.

C. A. Weideman. Data Driven Pedagogical Decisions. Presented to New Faculty Cohort, St. Petersburg College, November 2011.

C. A. Weideman. SPC Surveys and Data: How to Access, Use Information. Presented at All Adjunct Day, St. Petersburg College, November, 2011.

D. Gardner, D. Watts and C. Weideman. Conducting Research at St. Petersburg College. Presented at Critical Thinking Retreat. St. Petersburg College, February 2012.

C. A. Weideman. Data Driven Pedagogical Decisions. Presented to New Faculty Cohort, St. Petersburg College, August 2012.

D. Allen and C. Weideman. Expand Your Teaching Toolkit: Strategies for Increasing Student Engagement and Success. Presented at All College Day, St. Petersburg College, October 2013.

J. Coraggio, D. Fumano and C. Weideman. Using MOOCs to Improve College Readiness. Presented at All College Day, St. Petersburg College, October 2013.

C. Weideman. Teaching Strategies to Encourage Student Engagement and Visible Thinking. CETL Workshop, presented at St. Petersburg College, December 2013.

S. Cohen and C. Weideman. MAT1990 Explorations of Mathematics & Quantitative Reasoning: A New Gateway Course for non-STEM Majors. Presented at Gateway Conference, Indianapolis, Indiana, March 2014.

S. Cohen and C. Weideman. MAT1990: A Gateway Course for Non-STEM Students. Presented at Florida Assessment Conference, Orlando, FL, June 2014.

C. Rodesiler and C. Weideman. Educause 2014: Lessons Learned and

Ideas for Increased Student Success. Presented at All College Day, St. Petersburg College, October 2014.

C. Rodesiler and C. Weideman. Educause 2014: Lessons Learned and

Ideas for Increased Student Success. Presented at All College Day, St. Petersburg College, October 2014.

A. Shapiro, N. Munce, V. Westergard, C. Weideman. Quality Matters: Lessons Learned Panel Discussion. Presented at All College Day, St. Petersburg College, October 2014.

C. Rodesiler and C. Weideman. Title III Grant STA2023 Toolkit. Presented at All College Day, St. Petersburg College, October 2015.

C. Weideman. Expand Your Teaching Toolkit: Strategies for Increasing Student Engagement and Success. Presented at SPC 1st Annual Teaching & Learning Conference, St. Petersburg College, April 2016.

C. Weideman. Contextualizing General Education Courses/Faculty Dinner. St. Petersburg College, June 2016.

N. Manius, D. Schroeder and C. Weideman. Contextualization Conversations. Presented at All College Day, St. Petersburg College, October 2017.

N. Manius and C. Weideman. Contextualization Webinar. Presented at online at St. Petersburg College, October 2017.

M. Bodie, F. Jurkovic and C. Weideman. New Strategies for Student Engagement. Presented at Moving the Needle Conference, St. Petersburg College, November 2017.

Hollowell, R. and C. Weideman. Addressing Accessibility and Universal Design, Presented to Gibbs Campus Faculty, Spring 2019.

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