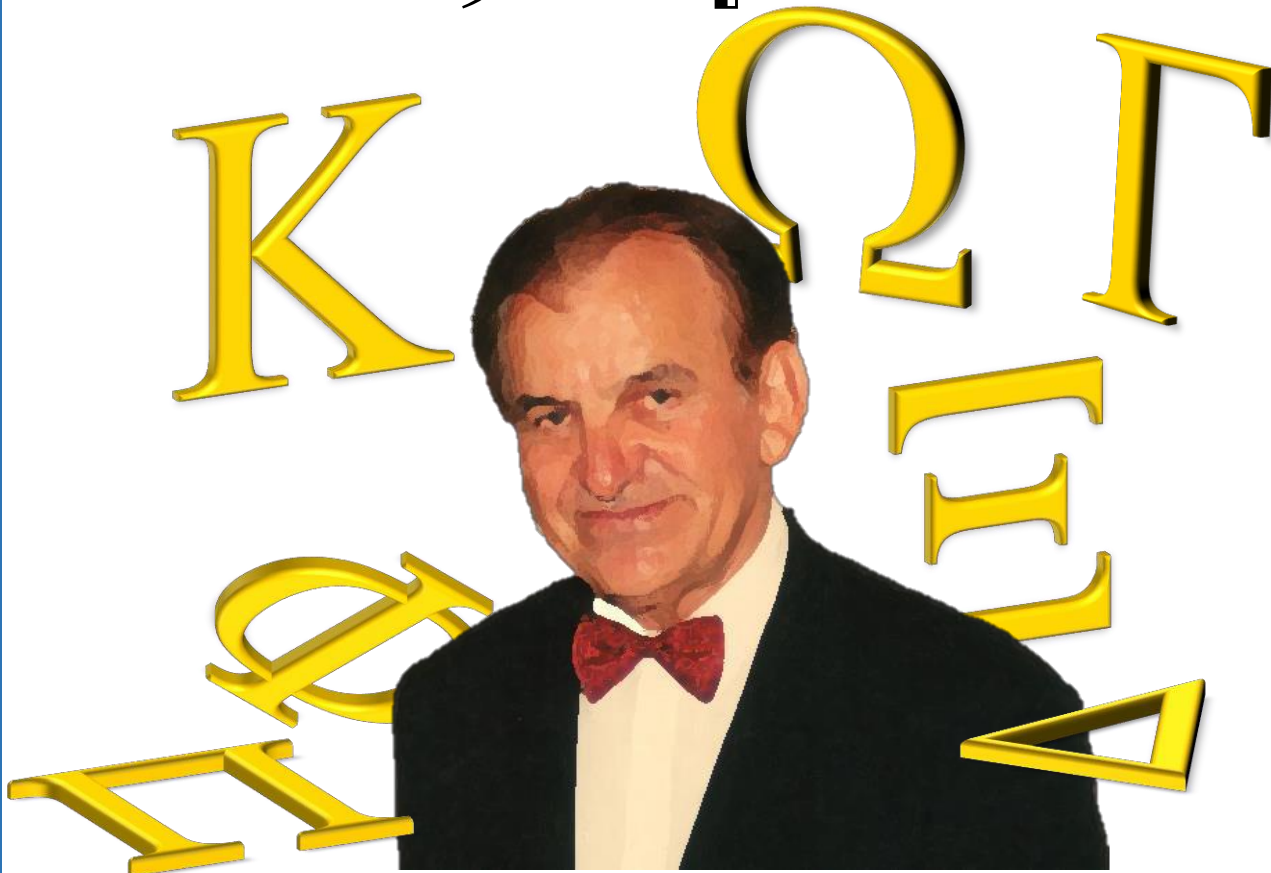


Dr. Chris P. Tsokos



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Education

Research Interests
Academic Experience
Industrial Experience

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RESIDENCE

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EDUCATION

Ph.D. Probability and Statistics
University of Connecticut, 1968
Studies performed while a full-time faculty at the University of Rhode Island

M.S. Applied Mathematics
University of Rhode Island, 1963
Studies performed while a full-time employee of General Dynamics Corporation

B.S. Engineering Science and Mathematics
University of Rhode Island, 1961

Special Studies: Massachusetts Institute of Technology—Operations Research
Pennsylvania State University—ASW-Anti Submarine Warfare:
Underwater Acoustics

RESEARCH INTERESTS

| | |
|---|-------------------------------|
| Statistical Analysis and Modeling | Operations Research |
| Time Series Analysis and Forecasting Systems | Probabilistic Modeling |
| Reliability Analysis—Ordinary and Bayesian | Quality Control Analysis |
| Ecology-Biostatistics/Biomathematics | Software Reliability |
| Operations Research/Econometric Modeling | Stochastic Differential Games |
| Stochastic Differential and Integral Systems | Cyber Security |
| Legal Statistical Analysis and Modeling | |
| Mathematical and Statistical Modeling of GLOBAL WARMING | |
| Statistical Analysis and Modeling of CANCER DATA | |

ACADEMIC EXPERIENCE

University of South Florida

Department of Mathematics and Statistics: Distinguished University Professor, Mathematics and Statistics, 1972 to present, named Distinguished USF Scholar in 1975. Activities include developing and teaching graduate and undergraduate courses in Applied Statistics, Theoretical Statistics and Probability Theory, directing dissertations and theses of graduate students and research; member of the Graduate Faculty, Scientific Affiliate of the Center for Behavioral Medicine and Community Psychology. Director of the Graduate Programming in Statistics until 2015.

Virginia Polytechnic Institute and State University

Associate Professor of Statistics, Department of Statistics and Statistical Laboratory, Blacksburg, Virginia, 1969-1972. Activities included developing and teaching graduate and undergraduate courses in Applied and Mathematical Statistics, Probability Theory, Stochastic Processes, Bio-assay and Time Series, directing dissertations and theses of graduate students and research.

University of Rhode Island

Department of Mathematics, Kingston, Rhode Island. Assistant Professor of Mathematics and Statistics, 1963-1969; activities included teaching graduate and undergraduate courses in Applied and Theoretical Statistics and Probability Theory, academic advising for mathematics majors, directing graduate students and research.

INDUSTRIAL EXPERIENCE

General Dynamics Corporation

Electric Boat Division, Groton, Connecticut, 1961 to 1963. Project Engineer, responsible for all phases of assigned projects in mathematical and statistical modeling, including not only the technical aspects, but also maintaining progress of work on schedule and within budgeted costs.

See Also

- Private Industry Advisor and Consulting
- Federal Government Advisor and Consulting

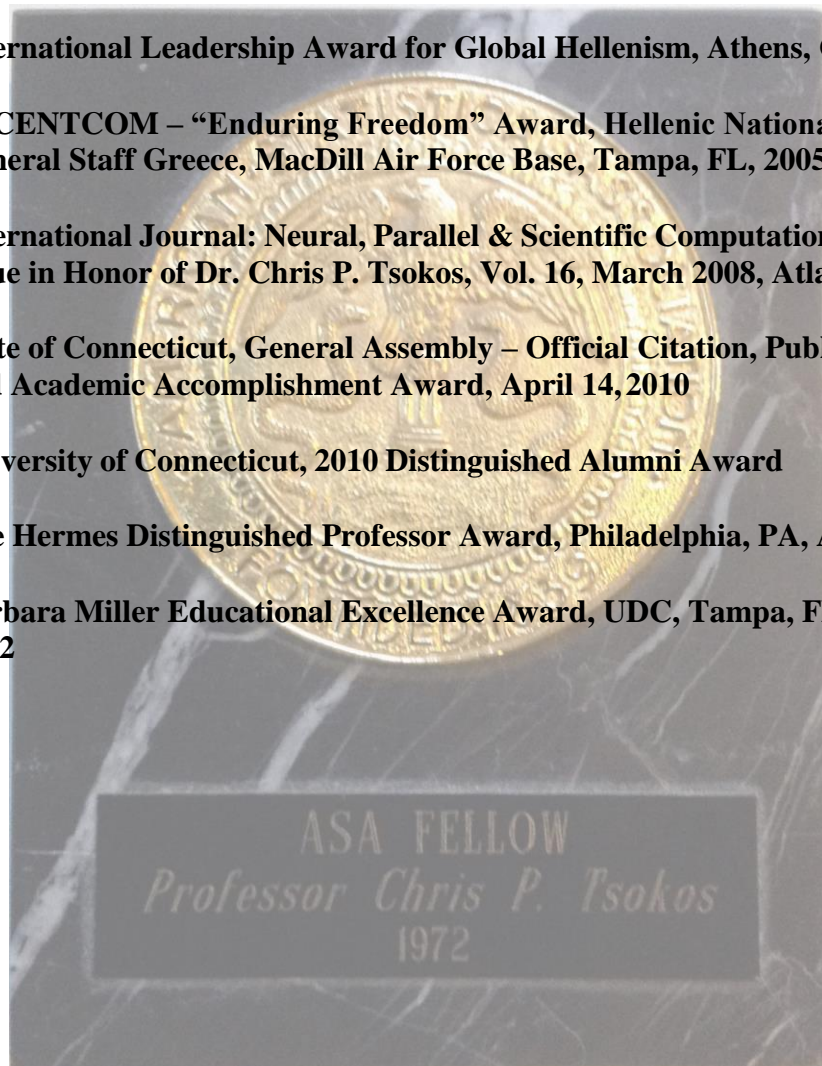


*Honors
and
Awards*

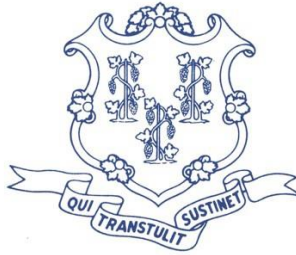
HONORS AND AWARDS

- **Distinguished University Professor, USF**
- **Commendation by the United States Navy, Bureau of Ships, for solving certain mathematical problems essential to our ASW systems, 1963.**
- **Sigma Xi**
- **Pi Mu Epsilon**
- **Fellow of the American Statistical Association**
- **Outstanding Educators of America**
- **Outstanding International Educators**
- **University of South Florida Distinguished Scholar Award, 1975**
- **Who's Who in America**
- **Sigma Pi Sigma**
- **Sigma Xi Outstanding Research Award, 1976**
- **Who's Who in the South**
- **International Who's Who of Intellectuals**
- **Who's Who in Technology Today**
- **American Men and Women in Science**
- **Men of Achievement**
- **Elected to International Statistical Institute**
- **Who's Who of Hellenic Heritage**
- **Mathematics: Who's Who**
- **University of Rhode Island Alumni Excellence Award in Science & Technology**

- **USF TIP Award-Teaching Incentive Program**
- **USF PEP Award-Professional Excellence Program**
- **USF Outstanding Undergraduate Teaching Award**
- **AFGLC Outstanding Leadership Award, 2001**
- **The Pancyprian Award for Education, Freedom and Human Rights, 2000.**
- **Time Warner - The Spirit of Humanity Award, 2002**
- **Certificate of Appreciation for Dedication, Florida Department of Children and Families**
- **Hellenic Voice – Hellene of the Year for 2003: Humanities & Education, Boston, MA**
- **International Leadership Award for Global Hellenism, Athens, Greece, 2003**
- **USCENTCOM – “Enduring Freedom” Award, Hellenic National Defense General Staff Greece, MacDill Air Force Base, Tampa, FL, 2005**
- **International Journal: Neural, Parallel & Scientific Computations, Special Issue in Honor of Dr. Chris P. Tsokos, Vol. 16, March 2008, Atlanta, GA**
- **State of Connecticut, General Assembly – Official Citation, Public Service and Academic Accomplishment Award, April 14, 2010**
- **University of Connecticut, 2010 Distinguished Alumni Award**
- **The Hermes Distinguished Professor Award, Philadelphia, PA, April 2, 2011**
- **Barbara Miller Educational Excellence Award, UDC, Tampa, FL, June 12, 2012**



State of Connecticut



General Assembly Official Citation

Introduced by Representative Demetrios S. Giannaros, 21st District

**Be it hereby known to all that:
The Connecticut House of Representatives
hereby offers its sincerest congratulations to:**

Professor Christos P. Tsokos, 2010 Distinguished Alumnus Award, University Of Connecticut

In recognition of

Receiving The Distinguished Alumnus Award. As A Dedicated And Accomplished Teacher, Mentor, Mathematician, Engineer, Statistician And Author You Have Touched The Lives Of Many Throughout Your Professional Career. Today We Celebrate The Presentation Of Your Richly Deserved Award That Recognizes Your Many Accomplishments, Your Scholarship, Your Prolific Research And Writing In Many Areas, Your Public Service, Your Contributions To "Hellenism," And Other Activities And Honors Too Numerous To Mention. You Exemplify The "Best In Our Academic World" And We Are Grateful To Draw From Your Well Of Wisdom And Guidance. We Wish You Many More Years Of Achievement, Joy, Laughter And Love.

**The entire membership extends its
very best wishes on this memorable occasion
and expresses the hope for continued success.**

Given this 14th day of April 2010
at the State Capitol
Hartford, Connecticut

by

Christopher G. Donovan

Speaker of the House

James B. Ryan
Secretary of the State





CHIEF EDITOR AND ACADEMIC EDITORIAL BOARDS

Chief Editor

1. Chief Editor, Probability and Statistics Studies, Atlantic Press, Springer Publishers, Paris-Germany.
2. Chief Editor, Global Journal of Mathematical Sciences, GJMS, IFNA Publisher, USA.
3. Chief Editor, International Journal of Environmental Sciences, IJES, IFNA Publisher, USA.
4. Chief Editor, International Journal of Mathematical Sciences in Medicine, IJMSM, IFNA Publisher, USA.
5. Chief Editor, International Journal of Business Systems, IJBS, IFNA Publisher, USA.
6. Co-Chief Editor, International Journal of Nonlinear Studies, Carfax Publishing Co., Oxford-Cambridge, MA-Australia.
7. Co-Chief Editor, Nonlinear Mathematics, Theory, Methods and Applications, NTMA, Pergamon Press, Elsevier Science; Oxford, New York, Frankfurt, 1980 - 1996.
8. Co-Chief Editor, World Federation Publishers, Atlanta, GA; Moscow, Russia, 1989 - 1999.

Associate Editor

1. Associate Editor, International Journal of Stochastic Analysis and Applications (JSAA), Marcel Dekker, Inc., New York and Basel.
2. Associate Editor, International Journal on Reliability and Safety (IJRS), International Statistical Institute, Netherlands.
3. Associate Editor, International Journal of Nonlinear Digest, IFNA-World Federation Publishers, Inc., USA-Russia.
4. Associate Editor, International Journal of Nonparametric Statistics (IJNS), Gordon and Breach Science Publishers; New York, London, Paris, Tokyo and Melbourne.

5. Associate Editor, International Journal of Nonlinear Analysis, Methods and Applications (JNAMA), Pergamon Press; Oxford-New York-Frankfurt.
6. Associate Editor, Journal of Integral Equations (JIE), NorthHolland.
7. Associate Editor, International Journal of Nonlinear World, Walter De Gruyter & Co. Publishers, Berlin-New York.
8. Guest Editor, International Association and Computers in Simulation (IMACS), Special Issue, Journal of Mathematics and Computers in Simulation, "Stochastic Systems Modeling."
9. Associate Editor, International Journal of Dynamical Systems and Applications, Atlanta, Georgia.
10. Associate Editor, Journal of Concrete and Applicable Mathematics, JCAM, World Science Publication
11. Associate Editor, Journal of Applied Statistical Science, JASS, USA-EU.
12. Associate Editor, International Journal of Nonlinear Dynamical System and Chaos – IINDSC.
13. Associate Editor, International Journal of Performability Engineering (IJPE)
14. Editorial Board, Journal of Nonlinear Differential Equations, Theory, Methods and Applications; London, A.P., India.
15. Associate Editor, Journal of Applied Mathematics and Applications (JAMA), North Holland.



RESEARCH PUBLICATIONS

1. Control Systems and Differential Inequalities, *Proceedings of the Cambridge Philosophical Society*, Vol. 64, 1968, pp. 741-48, with V. Lakshmikantham.
2. Application of the Topological Principle of Wazewski, *Bul. Inst. Pol.*, Vol. 14, 1968, pp. 56-62, with V. Lakshmikantham.
3. Stochastic Absolute Stability of Nonlinear Differential Systems, *IEEE Proceedings on Circuits and Systems G-CT, G-AC*, Naval Post-Graduate School, November 1968, pp. 586-90.
4. On the Classical Stability Theorem on Poincare-Lyapunov with a Random Parameter, *Proceedings of the Japan Academy*, Vol. 45, No. 9, November 1969, pp. 781-85.
5. On the Stability and Boundedness of Differential Systems in Banach Spaces, *Proceedings of the Cambridge Philosophical Society*, Vol. 65, 1969, pp. 507-12, with M.R.M. Rao.
6. On a Nonlinear Differential System with a Random Parameter, International Conference on Systems Sciences, *IEEE Proceedings*, Hawaii, January 1969.
7. Stability of Controlled Motion, *Journal Math. Anal. And Appl.*, Vol. 26, No. 1, April 1969, pp. 196-207, with V. Lakshmikantham and S. Leela.
8. Finite Time Stability on Control Systems with Integral Inequalities, *Bul. Inst. Pol.*, April 1969, pp. 105-12, with M.R.M. Rao.
9. On Some Nonlinear Differential Systems with Random Parameters, *IEEE Proceedings*, Third Annual Princeton Conference on Information Sciences and Systems, Princeton University, March 1969, pp. 228-33.
10. Control Systems and Finite Time Stability, *Analele Universitatii din Timisoara* 7, Vol. 7, December 1969, pp. 147-53, with S. Leela.
11. On a Stochastic Integral Equation of the Volterra Type, *J. Math Systems Theory*, Vol. 3, No. 3, August 1969, pp. 222-31.
12. Stochastic Nonlinear Integro-Differential Systems with Time Lag, *Journal of Natural Science and Mathematics*, Vol. 10, October 1970, pp. 283-303, with M. Hamdan.
13. Integro-Differential Equations of Volterra Type, *Bull. of the Australian Math. Soc.*, Vol. 3, 1970, pp. 9-22, with M.R.M. Rao.

14. Nonlinear Stochastic Systems with Time Lag, *IEEE Proceedings*, Fourth Princeton Conference on Information Sciences and Systems, Princeton University, March 1970, pp. 216-17.
15. Distributed Parameter Systems with Time Lag, *Symposium on Circuit Theory*, Vol. XIII, 6.1, 1969, with A.N.V. Rao.
16. A Stochastic Model for Chemotherapy: *Computer Simulation, Int. J. of Math. Biosciences*, Vol. 9, 1970, pp. 119-33, with W.J. Padgett.
17. On a Semi-Stochastic Model Arising in a Biological System, *Int. J. of Math. Biosciences*, Vol. 9, 1970, pp. 105-17, with W.J. Padgett.
18. On the Definition of a Stochastic Differential Game, *J. of Math. Systems Theory*, Vol. 4, No. 1, 1970, pp. 60-64, with E. Roxin.
19. On the Growth of Solutions of Complex Differential Systems, *Proceedings Natl. Acad. Sci.*, Vol. 1, No. 40(A), 1970, pp. 39-42, with M.R.M. Rao.
20. Formal Solution for a Class of Stochastic Linear Pursuit-Evasion Games with Perfect Information, *Intl. J. of Systems Science*, Vol. 1, 1970, pp. 1-6, with W. Nichols.
21. Stability of Non-Linear Differential Systems with Respect to Manifolds, *Proceedings Natl. Acad. Sci. I*, Vol. 1, No. 40(A), 1970, pp. 204-08, with M.R.M. Rao.
22. Stochastic Approximation of a Random Integral Equation, *J. Mathematische Nachrichten*, Vol. 51, 1971, pp. 101-10.
23. The Origins and Applications of Stochastic Integral Equations, *Intl. J. Systems Science*, Vol. 2, No. 2, 1971, pp. 135-48, with W.J. Padgett.
24. A Model for Physical and Biological Problems: The Bivariate-Compounded Poisson Distribution, *Intl. Stat. Inst. Review*, Vol. 39, No. 1, 1971, pp.60-63, with M. Hamdan.
25. The Method of V.M. Popov for Differential Systems with Random Parameters, *J. Applied Probability*, Vol. 8, No. 2, 1971, pp. 298-310.
26. Time Series Analysis of Water Pollution Data, *Biometrics*, Vol. 27, No. 4, 1971, pp. 1017-34, with F.C. Fuller.

27. On a Stochastic Integral Equation of the Volterra Type in Telephone Traffic Theory, *J. Applied Probability*, Vol. 8, No. 2, 1971, pp. 269-75, with W.J. Padgett.
28. Eventual Uniform Asymptotic Stability of Control Systems, *J. of Matematische Nachrichten*, Vol. 48, 1971, pp. 43-47.
29. A Study of an Ordinary and Empirical Bayes Approach of Estimation of Reliability in the Gamma Life Testing Model, *Proceedings of IEEE Symposium on Reliability*, 1971, pp. 1-17, with G. Canavos.
30. Existence of a Solution of a Stochastic Integral Equation in Turbulence Theory, *J. Math. Physics*, Vol. 12, No. 2, February 1971, pp. 210-12, with W.J. Padgett.
31. An Information Measure of Association in Contingency Tables, *J. Information and Control*, Vol. 19, No. 2, September 1971, pp. 174-79, with M. Hamdan.
32. Stochastic Integral Equations in Engineering and Biological Sciences, *Analele Stintifice*, Uni. I. Cuza, Iassi, April 1971, pp. 407-19.
33. Distributed-Parameter Systems with Time-Delay, *J. of Information and Control*, Vol. 19, No. 1, August 1971, pp. 1-9, with A.N.V. Rao.
34. A Stochastic Discrete Volterra Equation with Application to Stochastic Systems, *Proceedings of the 5th Princeton Conference on Information Sciences and Systems*, Princeton University, March 1971, pp. 505-09, with W.J. Padgett.
35. On a Nonlinear Perturbed Stochastic Integral Equation, *J. of Math. And Physical Sciences*, Vol. 5, No. 4, 1971, pp. 361-74, with J. Milton.
36. A Stochastic Model for Chemotherapy: Two-Organ Systems, *J. Biomedical Computing*, Vol. 3, 1972, pp. 29-41, with W.J. Padgett.
37. Bayesian Approach to Reliability Using the Weibull Distribution with Unknown Parameters and its Computer Simulation, *JUSE*, Vol. 19, No. 4, 1972, pp. 123-34.
38. An Empirical Bayes Approach to Point Estimation in Adaptive Control, *J. Information and Control*, Vol. 20, No. 3, 1972, pp. 263-75, with W. Nichols.
39. Forecasting Models from Non-Stationary Time Series: Short-Term Predictability of Stocks, *Mathematical Methods in Investment and Finance*, 1972.
40. L. Stability of a Nonlinear Stochastic Control System, *Intl. J. Systems Science*, Vol. 3, No. 2, 1972, pp. 215-23, with C. McCallum.

41. A Random Fredholm Integral Equation, *Proceedings of the American Math. Soc.*, Vol. 33, No. 2, June 1972, pp. 534-42, with W.J. Padgett.
42. On the Existence and Uniqueness of a Random Solution to a Perturbed Random Integral Equation of the Fredholm Type, *SIAM J. Applied Mathematics*, Vol. 22, No. 2, March 1972, pp. 194-208, with S. Milton and W.J. Padgett.
43. Empirical Bayes Point Estimation in a Family of Probability Distributions, *Intl. Statistical Inst.*, Vol. 40, No. 2, 1972, pp. 147-51, with W. Nichols.
44. Stochastic Asymptotic Exponential Stability of Stochastic Integral Equations, *J. Applied Probability*, Vol. 9, 1972, pp. 169-77, with M. Hamdan.
45. On a Stochastic Integral Equation of the Fredholm Type, *Zeitschrift fur Wahrscheinlichkeitstheorie und Verwandte Gebiete*, Vol. 23, 1972, pp. 21-31, with W.J. Padgett.
46. Bayesian Approach to Reliability: Theory and Simulation, *Proceedings of IEEE Symposium on Reliability*, San Francisco, CA, January 1972, pp. 78-87.
47. A Stochastic Integral Equation in Hilbert Space with a Discrete Version and Application to Stochastic Systems, *Mathematical Systems Theory*, Vol. 7, No. 1, 1972, pp. 55-65, with W.J. Padgett.
48. On a Stochastic Integro-Differential Equation of Volterra Type, *SIAM J. Applied Mathematics*, Vol. 23, No. 4, 1972, pp. 499-513, with W.J. Padgett.
49. Bayesian Concepts for the Estimation of Reliability in the Weibull Life-Testing Model, *Intl. Stat. Rev.*, Vol. 40, No. 2, 1972, pp. 153-60, with G. Canavos.
50. On the Oscillation of Solutions of Self-Adjoint Differential Equations of Order One, *Analele Universitatii din Timisoara*, 1973, with G. Ladas.
51. A Stochastic Bivariate Ecology Model for Competing Species, *Mathematical Biosciences*, Vol. 16, No. 3-4, 1973, with S. Hinkley.
52. Random Solution of a Stochastic Integral Equation: Almost Sure and Mean Square Convergence of Successive Approximations, *Intl. J. Systems Science*, Vol. 4, No. 4, 1973, pp. 605-12.
53. On the Asymptotic Equivalence of Rectilinear Motions, *Bul. Inst. Politehn. Iasi*, Vol. 19, No. 23, 1973, pp. 33-37, with G. Ladas.
54. A Random Discrete Equation and Nonlinear Stochastic Control System, *Intl. J. System Sciences*, Vol. 4, No. 1, 1973, pp. 77-85, with W.J. Padgett.

55. Stochastic Integral Equations in Life Sciences and Engineering, *Intl. Statistics Review*, Vol. 41, No. 1, 1973, pp. 15-38, with W.J. Padgett.
56. The Asymptotic Distribution of Maxima in Bivariate Samples, *JASA*, Vol. 68, No. 343, 1973, pp. 734-39, with J. Campbell.
57. A Stochastic Model for Metabolizing Systems with Computer Simulation, *J. Statistical Physics*, Vol. 8, No. 1, May 1973, pp. 79-101, with J. Milton and S.T. Hardiman.
58. Stochastic Asymptotic Stability and Approximation of the Random Solution of a Stochastic Discrete Fredholm System, *Kybernetes*, Vol. 2, 1973, pp. 239-51, with W.J. Padgett.
59. A New Stochastic Formulation of a Population Growth Problem, *Mathematical Biosciences*, Vol. 17, No. 1-2, June 1973, pp. 105-20, with W.J. Padgett.
60. Bayesian Estimation of Life Parameters in the Weibull Distribution, *J. of Operations Research*, Vol. 21, No. 3, 1973, pp. 755-63, with G. Canavos.
61. Stochastic Particle Trajectories in Turbulent Flow, *J. Math. Physics*, Vol. 14, No. 6, June 1973, pp. 757-58, with P. Telionis.
62. On a Random Solution of a Nonlinear Perturbed Stochastic Integral Equation of the Volterra Type, *Bull. Australian Math. Soc.*, Vol. 9, 1973, pp. 227-37, with J.S. Milton.
63. Sufficient Conditions for the existence of Random Solutions to a Nonlinear Perturbed Stochastic Integral Equation, *The Greek Mathematical Society*, September 1973, pp. 611-22.
64. On a Class of Nonlinear Stochastic Integral Equations, *Matematische Nachrichten*, Vol. 60, 1974, pp. 71-78, with J.S. Milton.
65. On the Existence of a Unique Solution of a Stochastic Integral Equation in Hereditary Mechanics, *J. Math. And Physical Sciences*, Vol. 8, No.4, August 1974, pp. 9-26, with A. Papadopoulos.
66. A Stochastic System for Communicable Diseases, *Intl. J. Systems Science*, Vol. 5, No. 6, 1974, pp. 503-9, with S. Milton.
67. Bayesian Reliability Estimates of the Binomial Failure Model, *Rep. Stat. Appl. Res., JUSE*, Vol. 21, No. 1, 1974, pp. 9-26, with W.J. Padgett.

68. Existence Theory for Nonlinear Random Integral Equations Using the Banach-Steinhaus Theorem, *Mathematische Nachrichten*, Vol. 63, 1974, pp. 311-16, with S.T. Hardiman.
69. On Uryson Type of Stochastic Integral Equations, *Proceedings Cambridge Phil. Soc.*, Vol. 76, 1974, pp. 1-9, with S.T. Hardiman.
70. A Stochastic Model for Chemical Equilibrium, *J. Math. Biosciences*, Vol. 21, June 1974, pp. 85-102, with S.W. Hinkley.
71. A Stochastic Model for Chemical Kinetics, *ACTA Biotheoretica*, Vol. 23, No. 1, June 1974, pp. 18-34, with J. Milton.
72. Existence Theory for a Stochastic Differential Equation, *Intl. J. Systems Science*, Vol. 5, No. 7, 1974, pp. 615-21, with S.T. Hardiman.
73. Bayesian Confidence Bounds for the Weibull Failure Model, *IEEE Transactions on Reliability*, Vol. R-24, No. 1, April 1975, pp. 21-26, with A. Papadopoulos.
74. Existence Theorems for Nonlinear Random Integral Equations with Time Lags, *Intl. J. on Information Sciences*, Vol. 9, 1975, pp. 299-313, with H. Hardiman.
75. On the Existence, Uniqueness and Stability Behavior of Random Solution to a Nonlinear Perturbed Stochastic Integro-Differential Equation, *J. Information and Control*, Vol. 27, No. 1, January 1975, pp. 61-74, with A.N.V. Rao.
76. Stochastic Processes in Particle-Number Fluctuations in an Electron-Photon Shower, *ACTA Biotheoretica*, Vol. 24, No. 1-2, 1975, pp. 58-74, with S. Hinkley.
77. Existence Theory for Stochastic Optimal Control Systems, *Kybernetes*, Vol. 4, 1975, pp. 143-148, with W. Nichols.
78. Existence and Boundedness of Solutions of a Stochastic Integral System, *Bull. Calcutta Mathematical Society*, 1976, with A.N.V. Rao.
79. On a Nonlinear Stochastic Integral Equation with Applications to Control Systems, *Annali di Matematica Pura ed Appl.*, Vol. 110, 1976, pp. 211-22, with M.N. Manougian and A.N.V. Rao.
80. Estimation of Reliability for a Class of Life Distributions with a Stochastic Parameter, *METRON*, Vol. 34, No. 3-4, 1976, pp. 333-60, with W.J. Padgett.
81. Some Aspects of a Stochastic Two-Locus Selfing Genetic Model with Selection and Computer Simulation, *J. Bio-Medical Computing*, Vol. 7, 1976, pp. 35-60, with R. Welch and S. Smeach.

82. On the Existence of a Random Solution to a Nonlinear Perturbed Stochastic Integral Equation, *Annals of the Inst. of Stat. Math.*, Vol. 28, No. 1, 1976, pp. 99-109, with A.N.V. Rao.
83. On Approximating the Expected Behavior of a Stochastic Epidemiological Model Applicable to Small Populations, *J. Appl. Math. And Computation*, Vol. 2, 1976, pp. 95-111, with T. Smith.
84. Statistical Modeling of Pharmacokinetic Systems, J. Dynamic Systems, Measurement and Control, *ASME*, December 1976, pp. 1-7.
85. Stochastic Control Systems and Target Function, *Kybernetes*, Vol. 5, 1976, pp. 83-90, with A.N.V. Rao.
86. Bayesian Analysis of the Weibull Failure Model with Unknown Scale and Shape Parameters, *Statistica*, Vol. 36, No. 4., 1976, pp. 547-60, with A. Papadopoulos.
87. Bayes Estimation of Reliability for the Lognormal Failure Model, Proceedings Conf. on the Theory and Appl. of Reliability with Emphasis on Bayesian and Nonparametric Methods, *Academic Press*, Vol. 1, 1976, pp. 133-61, with W.J. Padgett.
88. Existence Theorems for Nonlinear Random Integral Equations with Time Lags, *Intl. J. Systems Sciences*, Vol. 7, No. 8, 1976, pp. 879-900, with S.T. Hardiman.
89. Comparison of Bayesian Estimates of Failure Intensity for Fitted Priors of Life Data, Proc. Conf. on the Theory and Appl. of Reliability with Emphasis on Bayesian and Nonparametric Methods, *Academic Press*, Vol. 1, 1976, pp. 75-92, with J. Higgins.
90. The Bayesian and Nonparametric Approach to Reliability Studies, Proc. Conf. on the Theory and Appl. of Reliability with Emphasis on Bayesian and Non-Parametric Methods, *Academic Press*, Vol. 1, 1976, pp. 5-47, with I. Shimi.
91. On the Solution of a General Stochastic Linear Pursuit-Evasion Game, *Intl. J. Systems Sciences*, Vol. 7, No. 7, 1976, pp. 811-19, with W.G. Nichols.
92. On a Class of Stochastic Functional Integral Equations, *Colloquium Mathematicum*, Vol. 35, No. 1, 1976, pp. 141-46, with A.N.V. Rao.
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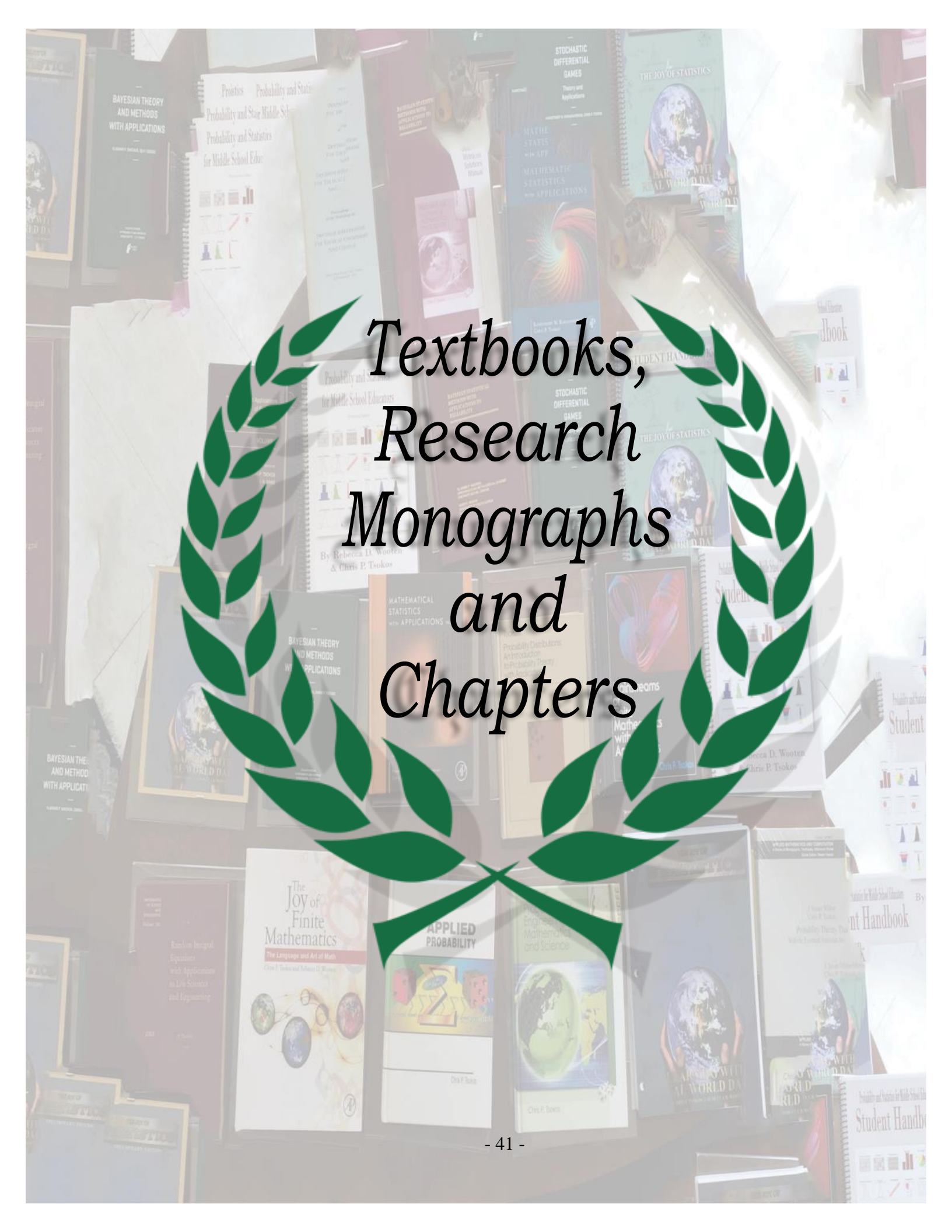
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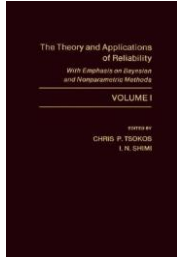
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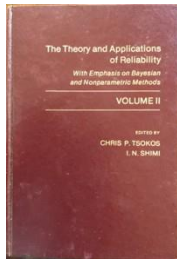
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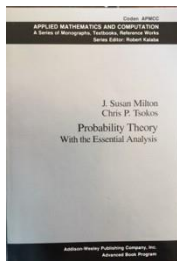
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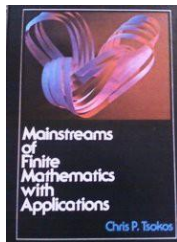
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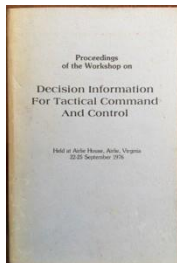
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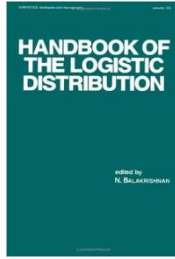
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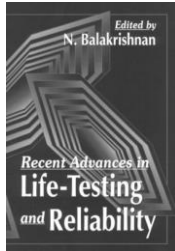
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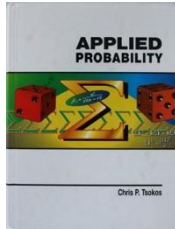
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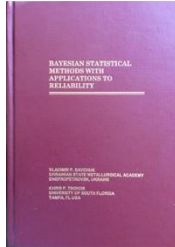
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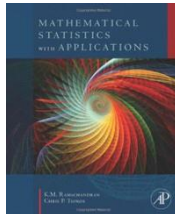
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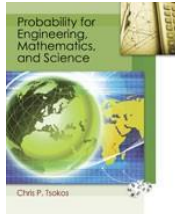
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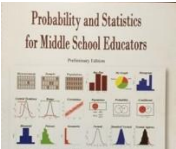
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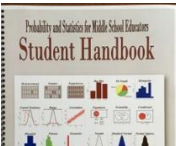


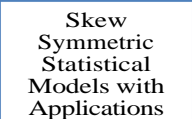
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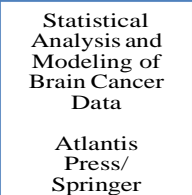
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29. Stochastic Analysis of Multiple-Passband Spectral Classifications Systems Affected by Observation Error, Flight Electronics Division/NASA, USF, 1980.
30. An Extended Inverse Problem in Compartmented Analysis and Drug Concentration Studies, USF, 1982, with G. Schultz.
31. Time Series Modeling of Rainfall Density Information, Technical Report, 78-6 U.S. Army Communication Research and Development Command, Fort Monmouth, New Jersey, 1981, with R. D'Accardi.
32. A Stochastic Model for Image Formation, USF, 1983, with S. Hardiman.
33. Data on Passive Smoking and Lung Cancer: A Japanese Epidemiological Study, USF, 1985.
34. Evaluation of the Epidemiological Study on the Effects of Environmental Tobacco Smoke on Urinary Cotinine Excretion in Nonsmokers, USF, 1989.
35. Non-Smoking Wives of Heavy Smokers Have a Higher Risk of Lung Cancer, British Medical Journal, November 1981, p. 1464, London, England.

36. The Duplication Theorem of Social Relationships I: Re-Examination of Current Status, USF, Mental Health Center, with R. Welch and M. Denker.
37. Coral Reef Monitoring Analysis, Proceedings/USEPA/Marine Sanctuary, Video transects 1996-2001. March 2003, with G. Yanev.
38. Coral Reef Hard bottom Monitoring Analysis, Preceding/USEPA/Marine Sanctuary, 1996-2003, Aug. 2003, with G. Yanev.



DIRECTOR OF ACADEMIC CONFERENCES

- International Conference on "The Theory and Applications of Reliability with Emphasis on Bayesian and Nonparametric Methods," sponsored by U.S. Air Force of Scientific Research, USF, Dec. 1975, Tampa, FL.
- DMSAG, Data Management and Statistical Modeling, sponsored by Bureau of Land Management, MAFLA System, Washington, D.C., USF, Jan. 1976, Tampa, FL.
- Conference on Decision Information for Tactical Command and Control, sponsored by U.S. Army, U.S. Navy, U.S. Air Force, Washington, D.C., Airlie House, Airlie, Virginia, June 1979.
- Stochastic Systems Modeling, International Association for Mathematics and Computers in Simulation, World Congress, 1985, Oslo, Norway.
- First International Congress of Nonlinear Analysts, 73 countries participated, Aug. 1992, Tampa, FL, sponsored by IFNA.
- Recent Developments of Reliability Analysis and Modeling, First International Congress of Nonlinear Analysts, Tampa, FL, Aug. 1992.
- Nonlinear Stochastic Systems, First International Congress of Nonlinear Analysts, Tampa, FL, Aug. 1992.
- First International Conference on Nonlinear Problems in Aviation and Aerospace; Reliability Analysis and Applications, Embry-Riddle Aeronautical University, May 9-11, 1996.
- Second World Congress, International Federation of Nonlinear Analysts, IFNA, co-director; Athens, Greece; July 9-17, 1996. Highlights: 103 countries participated with 1,458 technical presentations, including two Nobel Laureates.
- Third World Congress, International Federation of Nonlinear Analysts, IFNA, co-director; Catania, Italy, July 19-26, 2000.
- Conference/Workshop: Decision Information of Tactical Command and Control, Airlie, Virginia, September 1976, U.S. Government.
- USF/Oak Ridge National Laboratory, Workshop on GLOBAL WARMING, April 12-13, 2007, Tampa, Florida.

- USF/Platts Analytics – McGraw Hill, Comp. Workshop on Quantitative Modeling, Risk Analysis and Global Warming, Nov. 8-9, 2007, Tampa, Florida.
- Organized and directed the 6th World Congress of Nonlinear Analysts (IFNA), University of Athens, Athens Academy of Science and Athens Chamber of Commerce, Athens, Greece, June 25-July 1, 2012, more than 80 countries participated.
- Organized and directed the following: Special Sessions, Workshops and Round-Table Discussions at the IFNA World Congress 2012, Athens, Greece.
- GLOBAL HEALTH – University of Athens, June 26-27, 2012.
- GLOBAL ENVIRONMENT – The Athens Chamber of Commerce & Industry, June 27-28, 2012.
- GLOBAL ENERGY – ACCI, Athens, June 28, 2012.
- GLOBAL ECONOMY – ACCI, Athens, June 28, 2012.
- IFNA, USF WORKSHOP – Analytics and Big Data Across the Disciplines, April 1-2, 2016.



KEYNOTE SPEECHES

- Moscow State University, “The Relevance of Mathematical Thinking”, Oct. 30, 1992, Moscow, Russia.
- Engineering Academy of Russia, “The Frontiers of Statistical Developments”, Nov. 7, 1992, Moscow, Russia.
- Samara Polytechnic University, “Mathematical and Statistical Sciences to Solving Complex Engineering Problems”, Samara, Russia.
- Fudan University, “We live in a Probabilistic Society”, May 5, 1993, Shanghai, P.R. China.
- Peking University, “Mathematical Science in Solving Environmental Problems”, May 7, 1993, Beijing, P.R. China.
- Ocean University of Qingdao, “Forecasting Modeling of Atmospheric Problems”, May 11, 1993, Shandong, P.R. China.
- Middle East Technical University, “Mathematical Science in Health”, Ankara, Turkey, Aug. 12, 1994.
- Istanbul Technical University, “Stochastic Systems: Theory & Applications”, Istanbul, Turkey, Aug. 14, 1994.
- Fifth International Conference on Dynamical Systems and Applications, Morehouse College, Atlanta, GA, May 30, 2008, “Statistical Modeling of Global Warming”
- The Fourth International Conference on Neural, Parallel and Scientific Computations, CAU – Center for Theoretical Studies of Physical Systems, Atlanta, GA, August 11, 2010, “Global Warming: Myth, Reality, Copenhagen and Developments”
- The University of Connecticut, Storrs, Connecticut, April 4, 2010, “Global Warming: Myth and Reality”
- Sixth International Conference on Dynamical Systems and Applications, May 25, 2011, Atlanta, GA, “Cancer Research and Mathematical Sciences”

- Sixth World Congress of IFNA 2012, Athens, Greece, June 25, 2012, “Global Health, Environment, Energy and Economy Through the Art of Mathematical Sciences,” “Data Driven Statistical Models to Understand Cancer’s Behavior: Risk Factors” and “Global Warming: Myth or Reality?”
- University of Missouri-St. Louis, “The Catalyst for Democracy: Hellenism and Hellenic Paideia”, Dec. 2, 2015.



INVITED INTERNATIONAL PRESENTATIONS

1. McGill University, Visiting Scholar Program, "Random Equations, Stability Theory and Applications," McGill University, Montreal, Canada; April 10-13, 1969.
2. The 7th International Biometrics Conference on "A Stochastic Model for Chemotherapy," Hanover, Germany; Aug. 16-21, 1970.
3. Romanian Academy of Sciences and the University of Iassi in honor of the 60th anniversary of the founding of the Myller School of Mathematics, "Stochastic Integral Equations in Engineering and Biological Sciences," Iassi, Romania; Aug. 20-25, 1970.
4. The International Congress of Mathematicians, "Partial Stability Defined Over a Finite Time Interval and Converse Theorem," Nice, France; Sept. 1-10, 1970.
5. Symposium on Mathematical Methods in Investments and Finance, sponsored by NATO and the Italian government. "Forecasting Models from Non-Stationary Time Series: Short Term Forecasting of Stocks," Venice, Italy; Sept. 10, 1971.
6. Nuclear Research Center of Greece, Athens, Greece, "Biological and Engineering Modeling Utilizing Nonlinear Integral Equations," Aug. 24, 1973.
7. Caratheodory Symposium, "Sufficient Conditions for the Existence of Random Solutions of Stochastic Integral Equations with Applications," Athens, Greece; Sept. 3-5, 1973.
8. World Organization of General Systems and Cybernetics, "Stochastic Control Systems and Target Functions," Bucharest, Romania; Aug. 24-29, 1975.
9. International Conference on Information Sciences and Systems, "On the Existence of Stability Behavior of Nonlinear Stochastic Systems," Patras, Greece; Aug. 19-24, 1976.
10. University of Patras, "Recent Developments on the Statistical Formulation of Pharmacokinetic Systems," Patras, Greece; Aug. 27, 1976.
11. Congress of Applied Mathematics of the Balkan Countries, "Stochastic Systems with Applications," Thessaloniki, Greece; Aug. 16-21, 1976.
12. Visiting Scholar, University of Edmonton, "Recent Developments in Nonlinear Stochastic Discrete Systems," and "Delay and Statistical Effects on Pharmacokinetic Systems," Edmonton, Canada; May 4-7, 1977.

13. International Symposium on Measurement and Control, "Introducing the Alpha Probability Distribution for Reliability Studies," Athens, Greece; June 1978.
14. IEEE International Conference on Information Sciences and Systems, "Recent Developments in Nonparametric Probability Density Estimation," Patras, Greece; July 1979.
15. Warsaw International Symposium, "Hydrochemistry and Paleohydrochemistry of the Black Sea Basin Based on Results from the Deep Sea Drilling Project," with F. Manheim, Warsaw, Poland; June 1978.
16. University of Patras, College of Engineering, "Adaptive Forecasting for Non-stationary Time Series," Patras, Greece; June 1980.
17. Visiting Scholar Program, University of Edmonton, "Pharmacokinetic Random Systems: Linear vs. Nonlinear Evaluations," Edmonton, Canada; April 1981.
18. EEC-International Conference/Health Aspects of Passive Smoking in Europe: Europass," and "Robust Methods for Modeling and Analyzing Passive Smoking Data," University of Athens, Athens, Greece; Nov. 30, 1987.
19. Bulgarian Academy of Sciences, Angel Kancher Technical University, "E-Optimal Control of Nonlinear Systems," Rousse, Bulgaria; Aug. 1989.
20. The Fields Institute for Research in Mathematical Sciences, Keynote Speaker, Symposium on Comparison Methods and Stability Theory, "Nonlinear Stochastic Systems for Quality Growth," Waterloo, Ontario, Canada; June 6, 1993.
21. McMaster University, Department of Mathematics & Statistics, "Best Efficient Estimates of the Intensity Function of the Weibull Process," Hamilton, Ontario, Canada; June 4, 1993.
22. Russian Lecture Tour / Russian Academy of Science / IFNA, lectured on various topics in Statistics, Probability and Applied Mathematics, October 25-November 10, 1992.
 - International Federation of Nonlinear Analysts / RAS-Moscow Center; Moscow, Russia
 - Institute of Transport Problems / Russian Academy of Sciences; Moscow, Russia
 - Moscow State University; Moscow, Russia
 - Siberian Branch of Russian Academy of Science; Irkutsk, Russia
 - Irkutsk Computing Center / RAS; Irkutsk, Russia
 - Samara Polytechnic University; Samara, Russia
 - Engineering Academy of Russia, Volga Region; Samara, Russia

23. People's Republic of China Invited Tour, lectured on various topics in Statistics, Probability and Stochastic Systems, May 3-23, 1993.
- South China Normal University; Guangzhou, P.R. China
 - Zhongshan (Sun Yatsen) University; Guangzhou, P.R. China
 - Fudan University; Shanghai, P.R. China
 - Shanghai Meteorological Society; Shanghai, P.R. China
 - Peking University; Beijing, P.R. China
 - Northeast Normal University; Changchun, P.R. China
 - Ocean University of Qingdao; Qingdao, Shandong, P.R. China
24. Turkey Invited Lecture Tour, lectured on Reliability Modeling, Product Quality and Stochastic Systems, Aug. 10-18, 1994.
- Middle East Technical University; Ankara, Turkey
 - The Scientific and Technical Research Council of Turkey; Ankara, Turkey
 - The Marmara Research Center; Gebze-Kocaeli, Turkey
 - Istanbul Technical University; Istanbul, Turkey
25. Sixth International Colloquium on Differential Equations, "Byproducts of Solutions of Stochastic Differential Equations: Reliability Growth Analysis," Bulgarian Academy of Sciences, Plovdiv-Sofia, Bulgaria; Aug. 18-21, 1994.
26. Aristotle University of Thessaloniki, "Cycle Representations of Markov Processes-Chaotic Systems," Thessaloniki, Greece; March 29-31, 1995.
27. International Conference on Nonlinear Differential Equations, "On the Theory of Stochastic Impulsive Differential Systems," National Academy of Ukraine, Kiev; Aug. 21-27, 1995.
28. Third International Symposium on Non-Linear Analysis and Applications to Biomathematics, "Parametric and Nonparametric Modeling of Nonlinear Problems in Health Sciences," Visakhapatnam, India; Aug. 11-12, 1997.
29. University of Patras, Department of Computer Engineering and Informatics, "Software Reliability Using Nonhomogeneous Poisson Process," Patras, Greece; June 11-12, 1997.
30. International Society Bayesian Analysis, ISBA. May 28-June 1st 2000. Co-Invited Presentation to Heraklion, Crete to the 6th World Meeting.
31. Hellenic American Union, June 6, 2000. Invited to give a presentation in Pittsburgh, Pennsylvania on "the Education Mission and Strategies of AFGLC".

32. Foundation for Hellenic Academic Studies, November 11, 2000. Invited to give a presentation in Pittsburgh, Pennsylvania on “the Educational Mission and Strategies of AFGLC”.
33. University of Rhode Island, November 16, 2000. Invited to give a presentation on “Interdisciplinary Centers at American Universities for Hellenic Studies”.
34. Zappeion Megaro, GREECE, October 7, 2000. Invited to give a presentation on “The Importance of the Establishment of the AFGLC Center in Greece: Mission-Goals and Objectives”.
35. Third International Conference on Dynamic Systems and Applications: Invited Key note speaker, “Deterministic vs. Stochastic Modeling: A Realistic View,” May 27, 1999, Atlanta, GA.
36. Greek-American Union, Athens, Greece, July 22, 1999. Invited address: “Hellenism in the West—A State of the Art Approach for Revival”.
37. University of Patras/Computer Engineering & Informatics, Invited Presentation: “Nonlinear Stochastic Systems,” July 28, 1999.



*Invited
Presentations at
Professional Meetings,
Universities,
and
Industry*

INVITED PRESENTATIONS AT PROFESSIONAL MEETINGS, UNIVERSITIES & INDUSTRY

1. Second Asilomar Conference on Circuits and Systems, "**Stochastic Absolute Stability of a Nonlinear Differential System**," October 30-November 1, 1968; Naval Post-Graduate School, Monterey, CA.
2. University of Florida, "**Stability Properties of Stochastic Integro-Differential Systems**," Jan. 1969, Gainesville, FL.
3. Virginia Polytechnic Institute and State University, "**Stochastic Integral Equations and Applications**," Feb. 1969, Blacksburg, VA.
4. The First International Conference on the Theory and Applications of Differential Games, "**On the Definition of a Stochastic Differential Game**," Sept. 29-Oct. 1, 1969, Amherst, MA, with E. Roxin.
5. The Virginia Academy of Science, "**The Origin and Application of Stochastic Integral Equations**," May 6-8, 1970, Richmond, VA, Virginia Journal of Science, Vol. 21, No. 3, p. 161, with W.J. Padgett.
6. Sixteenth Conference on the Design of Experiments in Army Research, Development and Testing, "**Ordinary and Empirical Bayes Approach to Estimation of Reliability in the Weibull Life Testing Model**," Oct. 21-23, 1970, Fort Lee, VA, with G. Canavos.
7. Southern Regional Education Board, Summer Research Conference, "**Random Equations with Application to Current Problems**," June 1971, Mountain Lake, VA.
8. 15th Annual Technical Conference, American Statistical Association, "**Forecasting Models from Non-Stationary Time Series with Some Applications**," Oct. 14-15, 1971, Charlotte, NC.
9. 18th Conference on the Design of Experiments, "**Statistical Modeling of Propagation Loss Data**," Oct. 1972, Aberdeen, MD.
10. 18th Conference on the Design of Experiments, "**Statistical Analysis of H.F. Oblique and Vertical Incidence Ionospheric Data**," Oct. 1972, Aberdeen, MD.
11. 19th Conference on the Design of Experiments, "**Statistical Analysis and Modeling of Path Loss Distance Dependency Information**," Oct. 1973, Rock Island, IL, with R. D'Accardi.

12. University of Florida, "**On the Probability Distribution of the Logarithm of the Sum of Two Log-Normal Random Variables with Applications to Communication Engineering**," Nov. 1, 1973, Gainesville, FL.
13. Rice University, "**A Procedural Approach to Forecasting Models from Non-Stationary Time Series**," Dec. 4, 1973, Houston, TX.
14. M.D. Anderson Hospital and Tumor Institute, "**Stochastic Modeling of Chemotherapy Models**," Dec. 6, 1973, Houston, TX.
15. Annual American Mathematics Society Meeting, "**On the Probability Distribution of the Sum of Logarithms of Two Correlated Log-Normal Variates**," Jan. 22, 1974, San Francisco, CA.
16. The Mathematical Association of America, Florida Section, "**Today's Probability and Statistics-Methodology and Purpose**," March 9, 1974, Gainesville, FL.
17. NASA-Langley Research Center, "**Stochastic Modeling of Biological Systems**," and "**A Procedural Approach to Forecasting**," March 14-15, 1974, Hampton, VA.
18. American Statistical Association, Eastern Region, "**Recent Developments in Stochastic Modeling of Pharmacokinetics**," March 22, 1974, Tallahassee, FL.
19. 20th Conference on the Design of Experiments in Army Research, Development and Testing, "**Forecasting Models for Mosquito Population Behavior**," Oct. 1974, Fort Belvoir, VA, with S. Smeach.
20. Department of Mathematics and Computer Science, University of South Carolina, "**Recent Developments on the Theory and Applications of Random Integral Equations**," and "Bayesian Approach to Reliability," Oct. 21-22, 1974, Columbia, SC.
21. Annual Meeting of American Mathematical Society (81st), "**Existence and Stability Behavior of a Class of Stochastic Integral Equations**," Jan. 23-27, 1975, Washington, D.C.
22. SREB Summer Research Conference, "**Mathematical Formulation of Compartmental Models-Drug Distribution Behavior**," June 25, 1975, Biloxi, Mississippi.
23. University of Texas at Arlington, "**The Formulation and Analysis of Compartment Models in Drug Behavior**," Nov. 3, 1975, Arlington, TX.

24. University of Texas at Arlington, "**Reliability Analysis from a Bayesian Point-of-View**," Nov. 5, 1975, Arlington, TX.
25. The University of Texas Health Science Center at Dallas, "**Stochastic Modeling of Pharmacokinetic Problems**," Nov. 18, 1975, Dallas, TX.
26. Southern Methodist University, "**Robustness Analysis in Bayesian Settings of the Weibull Failure Model**," Nov. 18, 1975, Dallas, TX.
27. Conference on the Theory and Applications of Reliability with Emphasis on Bayesian and Nonparametric Methods, "**Bayes Estimation of Reliability for the Lognormal Failure Model**," Dec. 15-18, 1975, University of South Florida, Tampa, FL, with W.J. Padgett.
28. Conference on the Theory and Applications of Reliability with Emphasis on Bayesian and Nonparametric Methods, "**Comparison of Bayesian Estimates of MTBF for Fitted Priors of Life Data**," Dec. 15-18, 1975, University of South Florida, Tampa, FL, with J. Higgins.
29. Conference on the Theory and Applications of Reliability with Emphasis on Bayesian and Nonparametric Methods, "**Bayesian Analysis of the Extreme Value Distribution**," Dec. 15-18, 1975, University of South Florida, Tampa, FL, with A.N.V. Rao.
30. Armed Forces Communication and Electronics Association, "**Modeling and Analysis Techniques Applicable to Man-Machine Interface Problems**," April 22, 1976, Fort Monmouth, NJ, with R. D'Accardi.
31. Rice University, Department of Mathematical Sciences, "**New Directions in Graduate Education in Mathematical Sciences**," Oct. 1976, Houston, TX.
32. Rice University, "**On the Behavior of Nonlinear Stochastic Discrete Systems**," Nov. 8, 1976, Houston, TX.
33. University of Texas at Arlington, "**A New Look at Compartmental Analysis for Pharmacokinetic Systems**," Nov. 11, 1976, Arlington, TX.
34. American Mathematical Society Regional Meeting, Modeling in Biological Systems, "**Compartmental Analysis of Pharmacokinetics**," Nov. 19-20, 1976, Columbia, SC.
35. University of Michigan, "**The Theory and Applications of Pharmacokinetic Systems**," Jan. 20, 1977, Ann Arbor, Michigan.
36. U.S. Army Communications Center, "**Nonstationary Time Series Analysis of Ionospheric Data**," Feb. 1977, Fort Monmouth, NJ.

36. Case Western Reserve University, "**The Theory and Applications of Stochastic Nonlinear Control Systems**," Feb. 8, 1977, Cleveland, OH.
37. Gaithersburg, Maryland, Bureau of Standards, "**Interface of Numerical Analysis and Statistics: A Statistician's Point-of-View**," April 15, 1977.
38. University of Alberta, Visiting Scholar, "**Theoretical Modeling of Nonlinear Stochastic Discrete Systems**," May 5, 1977, Edmonton, Canada.
39. University of Alberta, Visiting Scholar, "**New Approach to Drug Concentration Behavior in Compartmental Analysis**," May 6, 1977, Biomathematical Colloquium, Edmonton, Canada.
40. Western Carolina University, Department of Mathematics, "**Compartmental Analysis with Applications to Pharmacokinetics**," Oct. 5, 1977, Cullowhee, NC.
41. Western Carolina University, Department of Mathematics, "**Recent Developments on the Theory and Applications of Random Equations**," Oct. 6, 1977, Cullowhee, NC.
42. 23rd Conference on Design of Experiments, Army Research, Development and Testing, "**Analysis of Man-Machine Interface Information in Current Communication Systems**," Oct. 1977, Monterey, CA, with R. D'Accardi.
43. Rollins College, "**The Structuring of an Undergraduate Curriculum Program in Mathematical Sciences**," May 11, 1978, Winter Park, FL.
44. Rollins College, "**Stochastic Modeling in Life Sciences**," May 11, 1978, Winter Park, FL.
45. ISAA Regional Meeting, "**Statistics and Chemical Industries**," March 1979, Tampa, FL.
46. The Biometric Society, "**Delay Effects in the Compartmental Analysis of Pharmacokinetic Systems**," March 11-14, 1980, Charleston, SC.
47. Society of Industrial and Applied Mathematics, "**On Nonparametric Density Estimation**," March 20-22, 1980, Birmingham, Alabama.
48. International Conference on Nonlinear Phenomena in Mathematical Sciences, "**Statistical Formulation on Some Problems in Pharmacokinetics**," June 18, 1980, Arlington, TX.
49. U.S. Navy Underwater Sound Center, "**Sensitivity Analysis of Anti-Submarine Warfare Systems**," June 1985, New London, Conn.

50. University of Texas at Arlington, "**New Adoptive Forecasting Methods**" and "**Time Series Analysis and Applications to Heuristic Forecasting Analysis**," July 1985, Arlington, TX.
51. U.S. Underwater Sound Laboratory, "**Statistical Analysis and Modeling Applied to Submarine Electromagnetic (EM) Systems**" and "**Parametric vs. Nonparametric Analysis: Working with Small Data Samples**," March 1986, New London, Conn.
52. Excel Corporation, "**Stochastic Models for Strategic Planning**," Sept. 1986, Patterson, NJ.
53. AT&T Networks, "**System Reliability: A Bayesian Approach**," Oct. 1986, Morristown, NJ.
54. Polytechnic Institute of New York, "**A Stochastic Model for Allocation Analysis**," Nov. 1986, Brooklyn, NY.
55. Adill, Inc., "**Some New Techniques in Short-Term Forecasting**," Dec. 1986, New York City.
56. University of Texas at Arlington, "**Stability of Nonlinear Stochastic Systems**," and "**The Choice of the Prior Density in Bayesian Analysis**," July 1986, Arlington, TX.
57. The 1987 Annual Forum of Toxicology, "**Passive Smoking and Cancer**," Jan. 1987, Washington, D.C.
58. Bell Communications Research, "**Heuristic Procedures for Estimating Time Series Models for Forecasting**," Sept. 1987, Red Bank, NJ.
59. Institute of Mathematical Statistics, "**Nonlinear Stochastic Control Systems**," June 1988, University of Hawaii, Honolulu, Hawaii.
60. American Mathematical Society, "**Optimal Control of Nonlinear Systems Under Boundary Constraints**," Jan. 1990, Louisville, Kentucky, with A.N.V. Rao.
61. Florida Institute of Technology, Department of Applied Mathematics, "**Recent Developments in Reliability Growth Analysis**," March 22, 1994, Melbourne, FL.
62. First International Congress of Nonlinear Analysts, "**On the Stability Behavior of Nonlinear Stochastic Systems**," Aug. 24-29, 1992, Tampa, FL.

63. First International Congress of Nonlinear Analysts, "**Nonparametric Probability Density Estimation of Bimodal Data**," Aug, 24-29, 1992, Tampa, FL.
64. Northern Illinois University, graduate school keynote speaker, "**Product Quality: Taguchi Approach/Reliability Growth**," and "**Reliability Growth Modeling**," Feb. 24-25, 1994, DeKalb, IL.
65. IEEE Southeastcon, "**Nonparametric Approach to Reliability Analysis**," April 10-13, 1994, Miami, FL.
66. The XIV IMACS World Congress on Computation and Applied Mathematics, "**On the Nonparametric Probability Density Estimation of Bimodal Systems**," Georgia Tech, July 11-15, 1994, Atlanta, GA.
67. Second International Conference on Dynamic Systems and Applications, "**A Dynamic Approach to Reliability Modeling**," May 24-27, 1995, Atlanta.
68. International Conference on Nonlinear Problems in Aviation and Aerospace, "**Nonparametric Reliability Modeling for Parallel Systems**", JSAA, 20(1), pp.185-197, 2002, with K. Liu.
69. International Conference on Nonlinear Problems in Aviation and Aerospace, "**Accelerated Life-Testing Model Building with Box-Cox Transformations**," with P. Qiu, Embry-Riddle Aeronautical University, FL, May 9-11, 1996.
70. International Conference on Nonlinear Problems in Aviation and Aerospace, "**The Effect of the Loss Function on Bayesian Reliability Analysis**," with V. Camara, Embry-Riddle Aeronautical University, FL, May 9-11, 1996.
71. International Conference on Nonlinear Problems in Aviation and Aerospace, "**A Comparison of Parametric Analysis of Lifetime Data**," with M. Makri, Embry-Riddle Aeronautical University, FL, May 9-11, 1996.
72. International Conference on Nonlinear Problems in Aviation and Aerospace, "**Parameter Estimation of Power Law Process**," with H. Qiao, Embry-Riddle Aeronautical University, FL, May 9-11, 1996.
73. International Conference on Nonlinear Problems in Aviation and Aerospace, "**Sensitivity Analysis of Reliability Growth Model**," with A.N.V. Rao, Embry-Riddle Aeronautical University, FL, May 9-11, 1996.
74. International Conference on Nonlinear Problems in Aviation and Aerospace, "**Bayesian Reliability Estimates for Market Systems Lifetime Data**," with H. Tang, Embry-Riddle Aeronautical University, FL, May 9-11, 1996.

75. Florida Institute of Technology, Applied Mathematics Program, "**Recent Developments in Bayesian and Empirical Bayesian Reliability**," May 2, 1997.
76. University of South Florida/Math Clubs, "**Basic Philosophy of Statistical Thinking and Opportunities in Statistics**," April 9, 1997.
77. AHEPA annual meeting – Orlando, Florida, invited speaker, "**Supporting Hellenism at Institutions of Higher Learning**", Aug. 1998.
78. U.S. Daughters of Penelope Organization, invited speaker, "**The Value of Philanthropic Contributions for University Education**", Orlando, FL, Aug. 1998.
79. USF – Hellenic Student Association/Tampa Bay, "**USA and Cyprus Relations**", Oct. 9, 1998.
80. Pinellas County Rotary Club, invited speaker "**Frontiers of Graduate Education in the USA**", Nov. 1998.
81. Third International Conference on Dynamic Systems and Applications, "**Parametric vs. Nonparametric Mathematical Modeling**," Morehouse College, Atlanta, Georgia, May 26-29, 1999.
82. Third International Conference on Dynamic Systems and Applications: Keynote speaker, "**Deterministic vs. Stochastic Modeling: A Realistic View**," May 27, 1999, Atlanta, GA.
83. University of Patras/Computer Engineering & Informatics, Annual Scientific Speaker "**Nonlinear Stochastic Systems**," July 28, 1999.
84. ICNPAA, "**Nonparametric Empirical Bayes Estimation Under-asymmetric Losses**," May 15-16, with G. Yanev, Melbourne, Florida.
85. National Statistical Institute of Greece, "**Parametric and Nonparametric Statistical Modeling of Economic and Environmental Problems**." January 15, 1998, Athens, Greece.
86. Aiglon World Institute, "**Recent Developments on Bayesian and Nonparametric Methods in Reliability**." October 17-18, 1998, Englewood Cliffs, N.J.
87. Florida Institute of Technology, "**Reliability Growth and the Power Law Process: Product Quality**" Dept. of Applied Math. FIT, Nov. 12, 1998, Melbourne, Florida.

88. Third International Conference on Dynamic Systems and Applications: Invited Key note speaker, "**Deterministic vs. Stochastic Modeling: A Realistic View**," May 27, 1999, Atlanta, GA.
89. International Society Bayesian Analysis, ISBA, May 28-June 1 2000, "**Bayesian Analysis of Imaging Data**", Heraklion, Crete, 6th World Meeting.
90. International Society Bayesian Analysis, ISBA, May 28-June 1, 2000. Co-Invited Presentation, Heraklion, Crete, 6th World Meeting.
91. AFGLC 5th Educational Forum, "**AFGLC Vision and Commitments: Future Plans and Developments**", March 10, 2001.
92. University of California, Davis, "**Nonparametric Modeling of Difficult Data**", May 19-20, 2001.
93. University of Patras, Information Systems Center, "**Software Reliability: Ordinary and Bayesian Approach**," Greece, July 17, 2001.
94. International Conference on Nonlinear Problems in Aviation and Aerospace, ICNPAA, Florida Institute of Technology, "**An Overview of Parametric vs. Nonparametric Modeling**", May 15-16, 2002, Melbourne, Florida.
95. International Conference on Statistics and Probability, Northern Illinois University, "**Empirical Bayes Point Estimation for Borel-Tanner Distribution**", June 14-16, 2002, Dekalb, Illinois.
96. ICNPAA, "**Software Reliability Models**" FIT, May 15-16, 2002, with S.Nadarajah, Melbourne, Florida.
97. University of California, Davis, "**Special Workshop on Asymptotic Methods in Statistics and Probability**." Chaired session on nonparametric failure rate methods. Presented the following invited talks: "**Nonparametric Modeling**," May 19-20, 2002.
98. International Conference on Nonlinear Problems in Aviation and Aerospace, ICNPAA, Florida Institute of Technology, "**An Overview of Parametric vs. Nonparametric Modeling**", May 15-16, 2002, Melbourne, Florida.
99. International Conference on Statistics and Probability, Northern Illinois University, "**Empirical Bayes Point Estimation for Borel-Tanner Distribution**", June 14-16, 2002, Dekalb, Illinois.
100. ICNPAA, "**Software Reliability Models**" FIT, May 15-16, 2002, Melbourne, Florida.

101. ICNPAA. "Nonparametric Empirical Bayes Estimation **Under Asymmetric Losses**," May 15-16, 2002, with G. Yanev, Melbourne, Florida.
102. International Conference on Dynamic Systems and Applications, ICDSA, Title - "**Extreme Value Theory and Software Reliability**", May 21-24, 2003, IFNA, Atlanta, Georgia.
103. ICDSA, Title- "**A Simulation Study of Renewal Processes with Infinite Means**", with K.V.Mitov, May 21-24, 2003, IFNA, Atlanta, Georgia.
104. International Conference on Reliability and Survival Analysis (ICRSA 2003), Title- "**Extreme Value Models for Software Reliability**" June 21-24, 2003, University of South Carolina, Columbia, S.C.
105. ICDSA, Title - "**Bayesian Analysis of Extreme Value Models for Software Reliability**", with A. N. V. Rao, May 21-24, 2003, IFNA, Atlanta, Georgia.
106. USF Distinguished University Professor Lecture Series, "**The Spirit, Philosophy and Application of Statistics**", Nov. 29, 2005.
107. College of Public Health – USF, "**Statistical Analysis and Modeling of Environmental Problems: Coral Reefs**", April 2006.
108. The 5th International Conference on Dynamic Systems and Applications, ICDSA5, Title – "**Theory of Records for the Gumbel Probability Distribution**", with A. K. Mbah, May 30 to June 02, 2007, IFNA, Atlanta, Georgia.
109. The 5th International Conference on Dynamic Systems and Applications, ICDSA5, Title – "**Theory and Applications of the Truncated Skew Laplace Distribution**", with G. R. Aryal, May 30 to June 02, 2007, IFNA, Atlanta, Georgia.
110. The 5th International Conference on Dynamic Systems and Applications, ICDSA5, Title – "**New Nonstationary Time Series Models with Economic Applications**", with S. H. Shih, May 30 to June 02, 2007, IFNA, Atlanta, Georgia.
111. The 5th International Conference on Dynamic Systems and Applications, ICDSA5, Title – "**Statistical Modeling of Global Warming**", May 30 to June 02, 2007, IFNA, Atlanta, Georgia.
112. USF College of Medicine/Dept. of Orthopedic Surgery, "**Statistical Analysis and Modeling of Medical Data**", Sept. 7, 2007.

113. Florida Fish and Wildlife Research Institute, St. Petersburg, FL, “**Karenia Brevis: Looking at Red Tide from a Statistical Perspective**”. Dec 10, 2007, with R. D. Wooten.
114. Fifth International Conference on Dynamical Systems and Applications, Morehouse College, Atlanta, GA, May 30, 2008, “**Statistical Modeling of Global Warming.**”
115. The Fourth International Conference on Neural, Parallel and Scientific Computations, CAU – Center for Theoretical Studies of Physical Systems, Atlanta, GA, August 11, 2010, “**Global Warming: Myth, Reality, Copenhagen and Developments.**”
116. The University of Connecticut, Storrs, Connecticut, April 4, 2010, “**Global Warming: Myth and Reality.**”
117. Sixth International Conference on Dynamical Systems and Applications, May 25, 2011, Atlanta, GA, “**Cancer Research and Mathematical Sciences.**”
118. Sixth World Congress of IFNA 2012, Athens, Greece, June 25, 2012, “**Global Health, Environment, Energy and Economy Through the Art of Mathematical Sciences,**” “**Data Driven Statistical Models to Understand Cancer’s Behavior: Risk Factors**” and “**Global Warming: Myth or Reality?**”



RESEARCH PRESENTATIONS

1. The 74th Annual Meeting of the American Mathematical Society, " On the Application of the Topological Principle of Wazewski to Control Systems," Jan. 23-26, 1968, San Francisco, CA.
2. The 655th Meeting of the American Mathematical Society, "Stability of Controlled Motion," April 10-13, 1968, New York.
3. The Institute of Mathematical Statistics, Summer Meeting, "Stochastic Absolute Stability of a Stochastic Differential System," Aug. 24-26, 1968, Madison, Wisc.
4. The 73rd Summer Meeting of the American Mathematical Society, "On a Stochastic Integral Equation of the Volterra Type," Aug. 27-30, 1968, Madison, Wisc.
5. Second Hawaii International Conference on Systems Sciences, "A Nonlinear Automatic System with a Random Parameter," Jan. 20-22, 1969, Honolulu, Hawaii.
6. The 75th Annual Meeting of the American Mathematical Society, "Eventual Asymptotic Stability of Control Systems," Jan. 24-26, 1969, New Orleans, LA, with V. Lakshmikantham.
7. The 3rd Annual Princeton Conference on Information Sciences and Systems, "On Some Nonlinear Differential Systems with Random Parameters," March 27-28, 1969, Princeton University.
8. The 656th Meeting of the American Mathematical Society, "Functional Differential Inequalities and Stability Near Sets," April 2-5, 1969, New York, with V. Lakshmikantham.
9. The 656th Meeting of the American Mathematical Society, "Integro-Differential Equations of the Volterra Type," April 2-5, 1969, New York, with M.R.M. Rao.
10. University of Texas at Austin, the 12th Midwest Symposium on Circuit Theory, "Nonlinear Differential Systems with Lag-Time," April 22-23, 1969, Austin, TX, with A.N.V. Rao.
11. The 76th Annual Meeting of the American Mathematical Society, "Stability of Stochastic Integral Equations of the Volterra Type," Jan. 1970, San Antonio, TX.
12. The Virginia Academy of Science, "Bayesian Estimation of Reliability in the Gamma Life Testing Model," May 6-8, 1970, Richmond, VA, Virginia Journal of Science, Vol. 21, No. 3, p. 158, with G. Canavos.

13. The Virginia Academy of Science, "Bayesian Estimation of Reliability in the Gamma Life Testing Model," May 6-8, 1970, Richmond, VA, Virginia Journal of Science, Vol. 21, No. 3, p. 159, with F. Fuller.
14. The Virginia Academy of Science, "Canonical Expansion of the Bivariate Negative Binomial Distribution," May 6-8, 1970, Richmond, VA, Virginia Journal of Science, Vol. 21, No. 3, p. 160.
15. 1970 Annual Meeting of the American Statistical Association, "The One-Organ Stochastic Model for Chemotherapy," Dec. 27-30, 1970, Detroit, Michigan, with W.J. Padgett.
16. 1970 Annual Meeting of the American Statistical Association, "Bayesian Analysis of the Weibull Distribution as Applied to Life Testing," Dec. 27-30, 1970, Detroit, Michigan, with G. Canavos.
17. The 1971 IEEE Symposium on Reliability, "Ordinary and Empirical Bayes Approach to Estimation of Reliability in the Gamma Life Testing Model," Jan. 14, 1971, Washington, D.C., with G. Canavos.
18. The 77th Annual Meeting of the American Mathematical Society, "On a Stochastic Integral Equation of the Fredholm Type," Jan. 21-25, 1971, Atlantic City, NJ, with W.J. Padgett.
19. The 77th Annual Meeting of the American Mathematical Society, "On the Solution of a Random Integral Equation by the Method of Stochastic Approximation," Jan. 21-25, 1971, Atlantic City, NJ, with W.J. Padgett.
20. The 5th Annual Princeton Conference on Information Sciences and Systems, "A Stochastic Discrete Volterra Equation with Application to Stochastic Systems," March 25-26, 1971, Princeton University, with W.J. Padgett.
21. The 684th Meeting of the American Mathematical Society, "Random Perturbation of Stochastic Integral Equations of the Fredholm Type," April 7-10, 1971, New York, with W.J. Padgett.
22. Institute of Mathematical Statistics, "Solutions of a Random Integral Equation of the Volterra Type: Almost Sure and Mean Square Convergence of Successive Approximations," April 21-23, 1971, Penn State, University Park, PA, with W.J. Padgett.
23. Institute of Mathematical Statistics, "On a Random Discrete Fredholm Equation," April 21-23, 1971, Penn State, University Park, PA.

24. Institute of Mathematical Statistics, "On a Nonlinear Perturbed Stochastic Integral Equation," April 21-23, 1971, Penn State, University Park, PA, with J.S. Milton.
25. The Virginia Academy of Science, "On the Solution of a Random Integral Equation in Hilbert Space," May 1971, Blacksburg, VA, with W.J. Padgett.
26. The Virginia Academy of Science, "Minimum Variance Unbiased Estimator of the Reliability Under the Truncated Weibull Failure Model," May 1971, Blacksburg, VA, with T. Jones.
27. The Virginia Academy of Science, "Life Testing and Reliability Estimation for the One Parameter Extreme Value Distribution," May 1971, Blacksburg, VA, with J. Godbolt.
28. Institute of Mathematical Statistics, "Sufficient Conditions for the Existence of a Random Solution to Some Stochastic Integral Equations," Eastern Regional, April 17-19, 1972, Blacksburg, VA, with W.J. Padgett.
29. Institute of Mathematical Statistics, "On an Ito-Doob Type of Stochastic Integral Equation," Eastern Regional, April 17-19, 1972, Blacksburg, VA, with J.S. Milton.
30. American Mathematical Society, "Sufficient Conditions for the Existence of a Random Solution of a Stochastic Integral Equation," Eastern Regional, Oct. 28, 1972, Providence, RI, with A.N.V. Rao.
31. American Mathematical Society, "On the Existence and Asymptotic Behavior of Solutions of a Nonlinear Stochastic Integro-Differential Equation," Eastern Regional, Oct. 28, 1972, Providence, RI, with A.N.V. Rao.
32. American Mathematics Society, Spring Regional, "On Estimating the Expected Behavior of Stochastic Epidemiological Models Applicable to Small Populations," March 8, 1974, Gainesville, FL, with T. Smith.
33. The 20th Conference on the Design of Experiments in Army Research, Development and Testing, "Analytical Approach to Robustness for Bayesian Developments in Reliability," Oct. 1974, Fort Belvoir, VA, with A.N.V. Rao.
34. Annual Meeting of American Mathematical Society, (81st), "Bayesian Estimation of Life Parameters and Reliability Functions in the Weibull Failure Model," Jan. 23-27, 1975, Washington, D.C., with A.N.V. Rao.
35. Annual Meeting of American Mathematical Society, (81st), "On Investigation for Comparison of Stochastic Branching Processes," Jan. 23-27, 1975, Washington, D.C., with T. Smith.

36. Annual Meeting of American Mathematical Society, (81st), "On the Existence of a Random Solution of a Nonlinear Perturbed Random Integral Equation," Jan. 23-27, 1975, Washington, D.C., with J.S. Milton.
37. Florida Academy of Sciences, "Spectral Analysis of Mosquito Population Behavior," March 20-22, 1975, Florida Southern College, with S.Smeach.
38. Florida Academy of Sciences, "Estimation of the Three Parameters of the Weibull Distribution," March 20-22, 1975, Florida Southern College, with R. Welch.
39. Florida Academy of Sciences, "Bayesian Analysis of the Weibull Failure Model Under Stochastic Variation of the Shape and Scale Parameters," March 20-22, 1975, Florida Southern College, with A.N.V. Rao.
40. The 82nd Annual Meeting, AMS, "Non-Gaussian Discriminant Analysis," Jan. 22-25, 1976, San Antonio, TX, with R. Welch.
41. The 82nd Annual Meeting, AMS, "A Discrete Ito-Doob Type of Stochastic Equation and Applications to Stochastic Systems," Jan. 22-25, 1976, San Antonio, TX, with G. Schultz.
42. The 82nd Annual Meeting, AMS, "On the Study of Two Interacting Populations, One of Which Acts Independently of the Other," Jan. 22-25, 1976, San Antonio, TX, with T. Smith.
43. The 82nd Annual Meeting, AMS, "Bayesian Sensitivity Analysis of the Poisson Failure Model," Jan. 22-25, 1976, San Antonio, TX, with A.N.V. Rao.
44. The 82nd Annual Meeting, AMS, "Mathematical Modeling of Intellectual Development," Jan. 22-25, 1976, San Antonio, TX, with M.W. Denker and R. Welch.
45. Symposium on the Application of Statistics, "The Effect of the Loss Function on Bayesian Estimation," Wright State University, Dayton, OH, June 1976, with J.J. Higgins.
46. Annual Meeting of the American Statistical Association, "Robustness of Bayes Estimates of Failure Intensity for a Class of Renewal Counting Processes," Aug. 1976, Boston, Mass., with J.J. Higgins.
47. The 136th Annual Meeting of the American Statistical Association, "A Stochastic Differential Model for the Effects of Family Configuration on Intelligence," Aug. 23-26, 1976, Boston, Mass., with M.W. Denker and R. Welch.
48. The 9th International Biometric Conference, "Robustness of the Bayes Optimal Discriminant Procedure," Aug. 23-26, 1976, Boston, Mass., with R. Welch.

49. Biometric Section of American Statistical Session, "A Random Differential Equation Approach to the Probability Distribution of BOD and DO in Streams," Aug. 22-27, 1976, Boston, Mass., with W.J. Padgett.
50. Symposium on the Application of Statistics, "The Effect of the Loss Function on Bayesian Estimation," June 1976, Wright State University, Dayton, OH.
51. American Statistical Association, "Robustness of Bayes Estimates of Failure Intensity for a Class of Renewal Counting Process," Aug. 1976, Boston, Mass., with J.J. Higgins.
52. Biometric Section of American Statistical Session, "A Random Differential Equation Approach to the Probability Distribution of BOD and DO in Streams," Aug. 22-27, 1976, Boston, Mass., with W.J. Padgett.
53. American Mathematical Society Regional Meeting, "Pattern Recognition Using Nonparametric Density Estimation," University of South Carolina, Columbia, SC, Nov. 19-20, 1976, with J. Turner.
54. Annual Meeting of Florida Chapter of ASA, "Study of Demographic Factors in the Transmission of Disease," Feb. 25-26, 1977, Miami, FL, with T. Smith.
55. Annual Meeting of Florida Chapter of ASA, "Preliminary Results for Empirical Bayes Approach to Discriminant Analysis," Feb. 25-26, 1977, Miami, FL, with R. Welch.
56. Annual Meeting of Florida Chapter of ASA, "An Application of Hierarchy Theory to Mental Health Care Delivery Systems," Feb. 25-26, 1977, Miami, FL, with R. Welch and M. Denker.
57. American Heart Association, Florida Chapter, "Rapid Kinetic Determination of LDH Isozymes in Serum and Prediction of Prognosis," May 20, 1977, St. Petersburg, FL, with L. Bernstein.
58. The 84th Annual Meeting, AMS, "On the Behavior of Grouping Sets from Exponential Distributions," Jan. 3-8, 1978, Atlanta, GA, with C. Church.
59. The 84th Annual Meeting, AMS, "Deriving Parameter Bound for a Stochastic Ecological Model," Jan. 3-8, 1978, Atlanta, GA, with R. Jernigan and J. Turner.
60. The 84th Annual Meeting, AMS, "Bayesian Analysis of the Alpha Failure Model," Jan. 3-8, 1978, Atlanta, GA, with D.C. Koutras.
61. The 84th Annual Meeting, AMS, "Multivariate Non-Gaussian Bayes Discriminant Analysis," Jan. 3-8, 1978, Atlanta, GA, with R. Welch.

62. The 84th Annual Meeting, AMS, "Stability of McShane Systems," Jan. 3-8, 1978, Atlanta, GA, with A.N.V. Rao.
63. The 84th Annual Meeting, AMS, "Nonparametric Classification Scheme for the Detection of Myocardial Infarction," Jan. 3-8, 1978, Atlanta, GA, with J. Turner and L. Bernstein.
64. Annual Meeting of ASA, "On the Effect of Sampling Errors in an Empirical Bayes Estimation Procedure," Aug. 15-18, 1977, Chicago, IL, with J. Higgins.
65. Annual Meeting of ASA, "Bayesian Pattern Recognition with a Mean Square Error Loss Function, Including Some Empirical Bayes Procedures," Aug. 15-18, 1977, Chicago, IL, with R. Welch.
66. Annual Meeting of ASA, "Detection of Myocardial Infarction Using Blood Enzymes," Aug. 15-18, 1977, Chicago, IL, with L. Bernstein and J. Turner.
67. Annual Meeting of ASA, "Sexual Variation in the Transmission of Disease," Aug. 15-18, 1977, Chicago, IL, with T. Smith.
68. Annual Meeting of ASA, "On the Study of Two Interacting Populations, One of Which Varies Independently of the Other," Aug. 15-18, 1977, Chicago, IL, with T. Smith.
69. Regional Meeting of ASA, "Sensitivity Analysis of a Bayesian Approach to the System Reliability of a New Vehicle System," March 3-4, 1978, Clearwater Campus of St. Petersburg Junior College, with D. Koutras.
70. Regional Meeting of ASA, "Statistical Properties of Linear Systems," March 3-4, 1978, Clearwater Campus of St. Petersburg Junior College, with A.N.V. Rao and G. Schultz.
71. SIAM Regional Meeting, "Nonparametric Regression Analysis for Star Catalogue Reduction," March 1979, Tallahassee, FL, with S. Bean.
72. American Statistical Association Regional Meeting, "Developments in Nonparametric Density Estimations," April 1979, Pensacola, FL.
73. Annual Meeting of the American Mathematical Society, "An Algorithm for the Design of Multi-Spectral Sensors," Jan. 1979, Biloxi, Miss., with J. Turner.
74. Joint National Meeting TIMS/ORSA, "Empirical Bayes Estimation for the Alpha Failure Model," April 1979, New Orleans, LA, with A. Rust.

75. Joint National Meeting TIMS/ORSA, "Optimal Trading Strategies in the Commodity Future Market," April 1979, New Orleans, LA, with A. Rust.
76. JASA National Meeting, "On Nonparametric Regression Analysis," Aug. 1979, Washington, D.C., with S. Bean.
77. American Meteorological Society, "Time Series Modeling of Rainfall Density Information," Oct. 1979, Banff, Alberta, Canada, with R. D'Accardi.
78. Joint Meeting, 140th Meeting of ASA and The Biometric Society, ENAR and WNAR, "A Quasi-Bayes Estimate for a Reliability Growth Model," Aug. 11, 1980, Houston, TX, with J. Higgins.
79. Florida Academy of Science, "Development of Some Modified Maximum Likelihood Estimators of the Weibull Process," March 22-24, 1990, FIT, Melbourne, FL, with A.N.V. Rao.
80. Florida Academy of Science, "Statistical Modeling and Analysis of a Passive Smoking Study," March 22-24, 1990, FIT, Melbourne, FL.
81. Florida Academy of Science, "Empirical Bayes Approaches to Estimation," March 22-24, 1990, FIT, Melbourne, FL, with P. DesRoche.
82. Florida Academy of Science, "On the Theory and Applications of the Logistic Distribution," March 22-24, 1990, FIT, Melbourne, FL, with P. DiCroce.

*Director of
Doctoral
Students/
Major Professor
*Mentor**



DIRECTOR OF DOCTORAL STUDENTS / MAJOR PROFESSOR

| University of South Florida | | | |
|-----------------------------|--------------------------|-------|--|
| No | Name | Grad. | Position |
| 53 | Sherlene Enriquez Savery | 2016 | University of Belize |
| 52 | Bhikhari Tharu | 2016 | Spelman College |
| 51 | Doo Young Kim | 2016 | Arkansas State University |
| 50 | Xing Wang | 2016 | University of Wisconsin, Madison |
| 49 | Taysseer Sharaf | 2015 | University of Michigan Dearborn |
| 48 | Ram C. Kafle | 2014 | Sam Houston State University |
| 47 | Bong Jin Choi | 2014 | University of North Carolina Chapel Hill |
| 46 | Yiu Ming Chan | 2014 | Florida State College |
| 45 | Nana Osei Bonsu | 2014 | Long Island University |
| 44 | Iuliana Teodorescu | 2013 | University of South Florida |
| 43 | Keshav Pokhrel | 2013 | University of Michigan Dearborn |
| 42 | Zahra Kottabi | 2012 | Strayer University Ft Myers |
| 41 | Yong Xu | 2011 | Radford University |
| 40 | Keith Hackett | 2011 | Director of Peace Core, AFRICA |
| 39 | Carlos Molinares | 2011 | University of Puerto Rico |
| 38 | Dimitrios Vovoras | 2011 | University of Crete |
| 37 | Chunling Cong | 2010 | Chief Statistician, AIG, New York |
| 36 | Armando Hoare | 2008 | USF – St. Petersburg |
| 35 | Branko Miladinovic | 2008 | USF – Medical School |
| 34 | Shou Hsing Shih | 2008 | University of Dubai |
| 33 | Alfred K. Mbah | 2007 | USF – School of Public Health |
| 32 | Gokarna Aryal | 2006 | Purdue University at Calumet |
| 31 | Louis R. Camara | 2006 | Georgia State University |
| 30 | Lakshminarayan Rajaram | 2006 | USF – St. Petersburg |
| 29 | Rebecca Wooten | 2006 | President – Pedagogue |
| 28 | George Yanev | 2001 | University of Texas at El Paso |

| | | | |
|--|----------------------|------|--|
| 27 | Henry Roberts | 2000 | Chief Statistician, CDC – Atlanta, GA |
| 26 | Kejian Liu | 1999 | Associate Director at Celgene / NYC |
| 25 | Vincent Camara | 1997 | St. Leos University |
| 24 | Hongzhu Qiao | 1993 | CEO, Everest Soft, Inc. |
| 23 | Albert Rust, III | 1979 | Deseased |
| 22 | George W. Schultz | 1977 | Retired |
| 21 | Truett Smith | 1976 | Retired |
| 20 | Ronald A. Tourgee | 1978 | Keene State University |
| 19 | Richard L. Welch | 1975 | Executive – Grumman Corp. |
| 18 | Curtis Church | 1979 | Middle Tennessee Sate University |
| 17 | Steven Bean | 1980 | UCF – Retired |
| 16 | Christine H. Deans | 1980 | Mao Clinic, Minnesota |
| 15 | Ina P. Howell | 1977 | Florida International University |
| 14 | Robert W. Jernigan | 1979 | American University |
| 13 | Albert D. Lies | 1986 | Retired: Business Executive |
| New York University (Polytechnic) | | | |
| 12 | Mel Appelbaum | 1975 | Retired CEO Executive |
| 11 | Richard D Accardi | 1974 | AT&T Executive: Deceased |
| 10 | Dennis Koutras | 1973 | International Executive Consultant, Greece |
| Virginia Polytechnic Institute and State University | | | |
| 9 | Frank C. Fuller, Jr. | 1972 | Jackson State University |
| 8 | Daniel McCollum | 1972 | University of Arkansas |
| 7 | Janet S. Milton | 1972 | Radford University |
| 6 | W. J. Padgett | 1972 | South Carolina University |
| 5 | Alex S. Papadopoulos | 1972 | North Carolina State University |
| 4 | George C. Canavos | 1971 | Virginia Commonwealth University |
| 3 | Sidney W. Hinkley | 1971 | Retired Government Executive |
| 2 | Gene Ray Lowrimore | 1971 | EPA – Duke University |
| 1 | William G. Nichols | 1971 | University of Alabama |



CURRENT DOCTORAL STUDENTS

| <u>Name</u> | <u>Research Areas</u> |
|-----------------|---|
| Freeh Alenezi | Software Reliability |
| K. Fernando | Cybersecurity and Health Sciences |
| Diego Grilli | Nonlinear Economic Systems |
| M. D. Perera | Statistical Analysis and Modeling of Ovarian Cancer |
| R. Pokhrel | Stochastic Predictive Models for Cybersecurity Systems |
| A. K. M. Bashar | Statistical Modeling of Hemophilia and Social Systems |
| M. Habadi | Nonlinear Statistical Modeling of Environmental and Health Problems |
| M. Kotarinos | Nonlinear Stochastic Models for Finance and Investments |
| Chao Gao | Statistical Modeling of Stomach Cancer and Evaluation of Treatments |
| Mahdi Goudarzi | Analysis and Clustering of Nonstationary Signals |

MASTER OF SCIENCE STUDENT

Has directed the M.S. degree program and/or theses of more than 100 students.



OFFICER OF ACADEMIC PROFESSIONAL ORGANIZATION, BOARD OF DIRECTORS

- Vice President of the International Federation of Nonlinear Analysts, IFNA, 2000 to Present
- Chair, Technical Committee on BAYES and Empirical Bayes Methods and Applications, IMACS
- Vice President and Board of Directors, World Federation Publishers, INC., Publishers of advanced monographs in mathematical sciences, USA - Russia
- Co-Chair, International Association for Mathematics and Computers in Simulation
- Board of Directors: International Federation of Nonlinear Analysts (IFNA)
- Chair, Technical Committee on Modeling and Simulation of Environmental Systems, IMACS
- Co-Chair on Technical Committee on Stochastic Systems, IMACS
- President, American Foundation for Greek Language and Culture, AFGLC 1992-2007
- President, International Foundation of Greek Language and Culture, IFGLC 2003-2007
- Board of Directors: AFGLC-ICHS The Richard Stockton College of N.J.
- Board of Directors: AFGLC-ICHS University of South Florida.
- University of South Florida, Black Life Institute, Advisory Board
- USF Urban Scholars Outreach Program, Executive Director
- President, Florida Hellenic Chamber of Commerce
- Board of Directors, Broadway Theater Projects, Tampa Bay, BTP
- Board of Directors, St. John's Day School



EDUCATIONAL AGREEMENT: PEOPLE'S REPUBLIC OF CHINA

Established an official agreement for collaboration between **The Beijing Institute of Technology** and the **University of South Florida**, the purpose of this educational partnership is as follows:

- Recognizing the importance of mutual collaboration and the contributions to society made by institutions of higher education, both parties share a desire to develop mutually strengthening and enriching international educational and research experiences for both faculty and students.
- The primary purpose of this agreement is to provide a general basis within which specific cooperative activities of an academic and cultural nature may be implemented involving faculty and or students from USF and The Beijing Institute of Technology.
- Faculty and researchers in various disciplines in various disciplines will be encouraged to develop contacts and propose collaborative projects. Each project proposal will be considered on its merits and on availability of funds. The two institutions will seek internal and external sources for support of projects and exchanges, which may be developed as a result of this agreement.
- As specific projects in education or research, each will require a written Memorandum of Understanding (or a contract) which will set forth the terms and conditions of the project(s). These Memoranda or Contracts will be approved and signed by appropriate administrators at each institution.



PROFESSIONAL ACADEMIC ACTIVITIES

1. Served on the Advisory Board, Society of Industrial and Applied Mathematics, SIAM, for books and monographs, Philadelphia, PA.
2. Served on the U.S. Advisory Committee on World Organization of General Systems and Cybernetics, Lancashire, England.
3. Served on the Society of Industrial and Applied Mathematics, SIAM, Visiting Consultants Panel, Philadelphia, PA.
4. Advisor to Director-General, World Organization of General Systems and Cybernetics, England.
5. Served on the National Committee on Scientific Studies of Oil Spills: Strategies and Techniques, Washington, D.C.
6. Served as Faculty Representative of the American Statistical Association, Washington, D.C.
7. Served on the Editorial Board of Regional Lecturers for Industrial and Applied Mathematics, SIAM, Philadelphia, PA.
8. Adjunct Professor for Operations Research, Polytechnic Institute of New York, PINY, for two years.
9. Served as U.S. Lecturer for the Society of Industrial and Applied Mathematics.
10. Institute of Management Science, 1985 Annual Meeting, Academic Invitee for roundtable discussions on "Academic Training and Industrial Needs."
11. Vice-President, International Federation of Nonlinear Analysts, IFNA.
12. Co-Chair Technical Committee on Stochastic Systems, International Association for Mathematics and Computers in Simulation.
13. IMACS Technical Committee on Modeling and Simulation of Environmental Systems.
14. External Examiner for Ph.D. theses-Indian Institute of Technology, Kanpur, India, and Marathwada University, Aurangabad, India.
15. Scientific Affiliate of the Center for Behavioral Medicine and Community Psychology, USF.

16. Developed a one-hour videotape, requested and directed by the Tampa Educational Cable Consortium, with representatives of the Russian Academy of Science. Topics discussed in Mathematical and Engineering Sciences:
 - Current research activities in the "New Russia."
 - Aims and objectives of graduate education in "New Russia" in comparison with the USA.
 - Strategies to enhance the interaction between USA (Florida) and Russian scientists.
 - The video was shown several time on Jones Intercable, Paragon, Cablevision and Telesat educational channels, 1993.
17. Elected to the International Organizing Committee, Colloquium on Differential Equations and Numerical Analysis-Bulgarian Academy of Science / UNESCO / Japan Mathematical Society / IFNA, Plovdiv, Bulgaria.
18. Elected to the International Organizing Committee-Nonlinear Problems in Aviation and Aerospace, 1994-96.
19. Elected to the International Advisory Committee for the Ukraine Academy of Science, Mathematics Division, for international conferences in mathematics, Kiev, Ukraine.
20. Selected in 1997 by the International Statistical Institute to be on the team "The Citizen Ambassador Program of People to People-Statistics" to visit the P.R. of China.
21. Vice President of the International Federation of Nonlinear Analysts, IFNA, 1992-2008.
22. President of the International Federation of Nonlinear Analysts, IFNA, 2008-.



RESEARCH GRANTS

| <u>Title of Project</u> | <u>Granting Agency</u> |
|---|-------------------------------|
| Bayesian Approach to Reliability: Methods and Evaluations with Computer Simulation | DAF |
| Pattern Recognition: Non-Gaussian Classical Procedure | NASA |
| Data Management and Statistical Analysis for Principal Investigators of the MAFLA System | BLM |
| Data Management and Statistical Analysis for Principal Investigators of the MAFLA System | BLM |
| Development and Application of Bayesian Reliability Methods | DAF |
| Evaluation of Mental Health Care Delivery Systems | PHS |
| Pattern Recognition: Non-Gaussian Classification Procedures | NASA |
| Non-Parametric Approach to Bayesian Estimation in Life Testing and Robustness Studies | AFOSR |
| The Theory and Application of Reliability with Emphasis on Bayesian and Nonparametric Methods | AFOSR |
| Mental Health Service Delivery Research and Evaluation | DHEW/PHS |
| Problems in Reliability and Estimation | AFOSR |
| Problems in Reliability and Estimation | AFOSR |
| On the Design of Multispectral Sensors for Discrimination of Sources | NASA |
| The Development of Some Stochastic Models of Mathematical Sciences | AFOSR |
| Evaluation & Improvement of a Stochastic Algorithm for Discrimination of Sources | AFOSR |
| The Development of Some Stochastic Models of | AFOSR |

Mathematical Sciences

| | |
|---|--------------------|
| Stochastic Analysis of Multiple-Passband Spectral Classification System Affected by Observation Errors | NASA |
| Development of Statistical Models for Engineering and Life Sciences Problems | AFOSR |
| A Stochastic Model to Evaluate and Analyze Breast Cancer | USF |
| Geochemical Studies on Black Sea Drill Cores-Theoretical Profiles* | NSF |
| Biochemical Markers of Perinatal Human Surfactant* (Medical College) | NIH |
| Nonlinear Stochastic Systems | URI |
| Random Integral Equations and Life Sciences Statistical Modeling (Johnson & Johnson) | VPI & SU |
| Environmental Protection Agency (EPA), 2002, Research Grant for Statistical Analysis and Advising | EPA |
| Kellogg Foundation / Academic Affairs, 2000, USF Foundation - USOP | Kellogg Foundation |
| Time Warner Cable, 2002, USF Foundation – USOP | Time Warner |
| Florida Department of Children and Families, 2002, USF Foundation – USOP | FDC |
| Federal Government, Gear up Program, 2002-2006, Multimillion Dollars Project, Approved, USOP is a participating Partner | FG |
| RISE – National Science Foundation, CO-PI | NSF |
| STEM – National Science Foundation, CO-PI | NSF |



PROFESSIONAL ASSISTANCE TO ACADEMIC INSTITUTIONS

Development of Graduate Programs Faculty Evaluating and Doctoral Theses

- University of Georgia; Athens, Georgia
- Rice University; Houston, Texas
- University of Texas at Arlington; Arlington, Texas
- University of Jordan
- University of Patras; Patras, Greece
- University of North Carolina; Charlotte, North Carolina
- University of South Carolina; Columbia, South Carolina
- University of Southern California; Los Angeles, California
- Kuwait University
- Indian Institute of Technology; Kanpur, India
- Yarmouk University; Irbid, Jordan
- Marathwada University; Aurangabad, India
- Polytechnic Institute of New York, PINY; Brooklyn, New York
- Florida Institute of Technology; Melbourne, Florida
- Waterloo University; Waterloo, Canada
- Samara Polytechnic University; Samara, Russia
- Salve Regina University; Newport, Rhode Island
- Keene State University; Keene, New Hampshire
- University of Louisville; Louisville, Kentucky

- Northern Illinois University; DeKalb, Illinois
- University of Cypress
- University of South Florida, College of Medicine
- University of South Florida, Engineering Faculty
- The Richard Stockton College of N.J.



SCIENTIFIC AND PROFESSIONAL SOCIETIES

Past and Present:

- American Mathematical Society, AMS
- American Statistical Association, ASA
- Institute of Mathematical Statistics, IMS
- American Association for the Advancement of Science, AAAS
- Florida Academy of Science, FAS
- Operations Research Society of America, ORSA
- Society of Industrial and Applied Mathematics, SIAM
- New York Academy of Science, NYAS
- Sigma Xi Society
- Sigma Pi Sigma Society
- International Federation of Nonlinear Analysts, IFNA
- International Statistical Institute
- American Association for the Advancement of Science



REFEREE, REVIEWER FOR ACADEMIC JOURNALS

- American Statistical Association
- American Mathematical Society
- Institute of Mathematical Statistics
- International Statistical Institute
- IEEE Transactions on Reliability
- Technometrics
- Biometrics
- Naval Logistics
- Communications in Statistics
- ARA Journal of Scientific Research
- SIAM Journal of Applied Mathematics
- Advances in Applied Probability
- SIAM Journal of Control
- Operations Research Society
- The Review
- Journal of Applied Probability
- Journal of Nonparametric Statistics
- Journal of Engineering Reliability and System Safety
- Journal of Dynamical Systems
- Journal of International Association for Mathematics & Computers in Simulation
- International Journal on Reliability and Safety
- Journal of Nonlinear Analysis, Theory and Methods
- Journal of Stochastic Analysis and Applications
- National Academy of Science

REVIEWER FOR

- Mathematical Reviews
- Zentrollblatt für Mathematik
- Executive Sciences Institute



*University
Academic
Committees*

UNIVERSITY ACADEMIC COMMITTEES

University of Rhode Island (1963-69)

- All University Committee on Statistics
- Graduate Committee, Departmental
- Educational Policy Committee, Departmental
- Honors Committee, Departmental
- Scheduling Committee, Departmental
- Coordinator for Mathematics & Statistics offerings at the University of Rhode Island Extension Center in Providence, Rhode Island.

Virginia Polytechnic Institute and State University (1969-72)

- Graduate Committee, Chairman, Departmental
- Library Committee, Departmental
- Colloquium Committee, Departmental
- Scheduling Committee, Departmental
- Faculty Evaluation Committee (College of Business)

University of South Florida (1972 to present)

University

- President's Advisory Committee on Computers
- University Committee on Computer Sciences
- University Graduate Council
- University Research Council
- All University Committee on Statistics
- Presidential Search Committee 1993
- USF Search Committee for Director of the Institute of Black Life
- USF President's Council

- Patel Center for Global Solutions Search Committee fro Executive Director
- Provost in Committee/Review Department of Education Leadership and Policy Studies
- Patel Center for Global Solutions Building Committee
- USF Graduate School – Circle of Excellence

College of Arts & Sciences

- College Graduate Council, Chairman
- College Tenure Committee
- College Promotion Committee
- Chairman's Search Committee for Oceanography

Department

- Graduate Committee, Chairman
- Advisory Committee, Chairman
- Stochastic Systems, Director
- New Appointments Committee
- Colloquium Committee
- Library Committee
- Textbooks Committee
- Chairman's Search Committee
- Statistics Committee

State of Florida

- House of Representatives, Committee on “Improvement of the Florida Retirement System”



Advisor,
Consultant,
Lecturer

UNITED STATES GOVERNMENT

Advisor, Consultant and Lecturer

U.S. ARMY/Communication Command Center

United States Army Fort Monmouth, N.J. (more than 12 years of service): Structuring of statistical databases, stationary and non-stationary forecasting modeling, climatologically prediction processes, man-machine inter-phase models, hierarchical communication structures, contractual evaluations, statistical evaluation of communication systems, reliability modeling, short courses, among others.

U.S. ENVIROMENTAL PROTECTION AGENCY

United States Environmental Protection Agency-Statistical; evaluation of scientific projects, design of experiments for and specifications of pollutants including acid rain, pollution prediction models and specifications, identifying future objectives of the Agency, among others.

U.S. AIR FORCE/Washington, D.C.

United States Air Force Office of Scientific Research (10 years of service) Statistical analysis and estimation, forecasting models, ordinary and Bayesian reliability and analysis, environmental models, evaluation of scientific contracts, scientific structuring of training programs, workshops, conferences, lectures, strategic planning, communication systems, among others.

U.S. AIR FORCE OFFICE OF SCIENTIFIC RESEARCH

Airlie House, Airlie, Virginia: Decision Information of Tactical Command and Control, September 1976: Conference/Workshop for the four U.S. Military Services; objective-problem Identification, Enhancement of Interaction between Research and Managers, Consideration of Operations Effectiveness Measure and Stimulation of Relevant Research.

U.S. Navy/ New London, Conn. Newport, R.I. Washington, D. C.

Weapon systems maintenance schemes; reliability analysis process, forecasting of availability of weapon systems, statistical analysis of structural data, antisubmarine warfare strategies, spectral analysis of detection schemes, seminars, among others.

NASA/ Washington, D. C. Langley, VA.

National Aeronautics and Space Administration (7 years of service) Pattern recognition schemes, sensitivity analysis of classification models, compression and decompression procedures for satellite data, nonparametric analysis of agricultural and environmental data, prediction models for satellite design schemes, system reliability, communication algorithms, educational programs, among others.

Bureau of Land Management/Washington, D. C.

Structuring of database of environmental information for the United States Gulf Coast (including Florida, Alabama, Mississippi, Louisiana and parts of Texas), statistical modeling schemes for environmental information, and prediction analysis of species behavior, design of experiments, prediction models, statistical algorithms for data reduction, among others.

American Cancer Society/ Atlanta, Georgia

Advisor and Consultant on National Related Cancer Research Projects



PRIVATE INDUSTRY

Advisor, Consultant and Lecturer

- IBM Corporation; Westchester, New York
- American Telephone & Telegraph Company, AT&T; Morristown, New Jersey
- Bell Laboratories; Holmdel, New Jersey
- Ebon Research Systems; Washington, D.C.
- Excell Corporation; Patterson, New Jersey
- Farmland Industries, Inc.; Bartow, Florida
- Hillsborough County; Tampa, Florida
- M&M Mars Corporation; Hackettstown, New Jersey
- Nabscan USA, Inc.; New York City
- Rex Meighen & Company; Tampa, Florida
- R.J. Reynolds Corporation; Greensboro, North Carolina
- Johnson & Johnson; Tampa, Florida
- Jacobs & Jacobs, P.A. / Legal; New York
- Carlton Fields / Legal; Tampa, Florida
- Linvatek Corporation, Largo, Florida



This accomplishment represents a well-deserved recognition of your hard work and dedication to the citizens of Hillsborough County. I celebrate this achievement along with you, and wish you ever-brighter success in your vitally important work.

- U.S. Senator Bill Nelson, Florida

URBAN SCHOLARS OUTREACH PROGRAM

In 1998 co-founded the **Urban Scholars Outreach Program, USOP**, at **USF** to educationally assist African American and Hispanic students with **mathematics, reading and writing**, the essential skills for entering college and becoming good and productive citizens.

1. The **Urban Scholars Outreach Program** is a free educational supplement available to all. A unique aspect of the program is that parents are encouraged to participate along with their children providing commitment and continuing reinforcement. Volunteer teachers from the **USF** faculty, graduate and advanced undergraduate students, as well as retired school teachers, provide small group and individual assistance. The **USF - USOP** focuses on helping students prepare for the public school assessment programs, including the High School Competency Test, as well as Benchmark tests and **FCAT** exams. The program includes special instruction in test preparation for high school students, including the SAT and ACT tests used for college entrance.
2. In September 2002, we opened the **USOP** computer center consisting of more than 40 computers donated by the business community. It is used to teach the students the basic skills in using the computer. We have computerized our technical assistance in preparing the students for PSAT/SAT, ACT and FCAT.
3. In summary, The **Urban Scholars Outreach Program** is a nonprofit organization with a three-fold mission:
 - a. **Provide educational assistance to students in preparing for the PSAT/SAT and ACT college entrance examinations;**
 - b. **Supplement the Tampa Bay area county school systems' "benchmark" requirements for each grade level, K-12; special tutorial assistance for FCAT testing; and**
 - c. **Stimulate untapped passion in our urban students toward learning, and setting and achieving educational goals.**

The USOP, since its inception has been assisting anywhere from 200 to 400, mostly underprivileged students, per academic year.

During the academic year 2002-2003, USOP was nominated and we were the recipient of

Debartolo / Bright House Networks, The Spirit of Humanity Award.



*The American
Foundation for
Greek Language
and
Culture*

Established 1992

Professor Chris P. Tsokos

Served as the Founding President 1992 to 2007

THE AMERICAN FOUNDATION FOR GREEK LANGUAGE AND CULTURE

The American Foundation for Greek Language and Culture, AFGLC, was established in 1992 in Tampa, Florida, as a non-profit public educational organization. Its overall mission is dedicated to the preservation and enhancement of the Greek language and cultures, worldwide through our institutions of higher learning.

The aims and objectives are:

- To assist in establishing and enhancing the offering of studies in the Greek language and fields of Greek literature, history, philosophy, art, society and culture at academic institutions.
- To assist in the establishment of curricula in the Greek language and related fields, especially literature, leading to a baccalaureate degree;
- To encourage and assist academic institutions in establishing graduate programs in the aforementioned areas of Greek studies;
- To work with other organizations in the United States whose goals and objectives are to promote and enhance the teaching of the Greek language, Greek literature and Greek culture at academic institutions;
- To assist academic institutions in the collection of research material and various data pertaining to Greek culture and studies in general.
- To assist in the creation of archives of Greek American families and organizations who have played important roles in the history of America;
- To assist in establishing and organizing, visiting lecture programs involving prominent scholars in Greek culture and civilization, and exchange programs of prominent scholars in Greek studies between academic institutions in Greece and the United States;
- To organize seminars, symposia and conferences for the promotion of the aims and objectives of AFGLC

Briefly, the overall educational mission of AFGLC is the establishment of **Interdisciplinary Centers for Hellenic Studies, ICHS**, at Colleges and Universities in the United States and internationally. Each ICHS is to consist of five professorships, endowed in perpetuity in **Greek History, Philosophy, Culture, Language and Religion**.

Our initial primary goal is to establish a Center in Hellenic Studies (CHS) in the State of Florida. These positions will constitute the basic nucleus of the proposed CHS. We also realize this goal is financially difficult to achieve, but the AFGLC strongly believes that our students should have the opportunity to study the Greek language in all these areas, especially in its present phase, just as they do in the case of German, Russian, Italian, Spanish and Japanese. With two Nobel prize Greek poets in the last two decades, modern Greek literature holds its own among the ranking cultural attainments of our time. It belongs to the world of literature once and for all.

Professor of Modern Greek
Professor of Greek Literature
Professor of Greek Orthodoxy
Professor of Greek Political Philosophy

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The logo of the Foundation is taken from a scene on a cup (found at Vulci in Etruria and currently in the British Museum) painted by the Athenian painter Douris around 480 BC. It shows a school scene where a master unrolls a scroll with an epic verse on it.

American Foundation of Greek Language & Culture

Two ICHS Centers have been established at the University of South Florida and The Richard Stockton College of New Jersey with a total of ten endowed professors.

Two thousand years ago the Greeks invented

democracy, the aims, objectives and accomplishments, were published in a sequence of three newspaper articles. **The Hellenic Voice**, Boston, Mass.

and the sciences. Each had a goal of preservation could not extinguish their language,

customs, religion and culture.

Although ethnic time pressures, the rich Hellenic history and ideals can be best propagated and

made available to future generations by academic institutions.

Part I. Vol. 11, #7, June 20, 2001

Part II. Vol. 11, #8, June 27, 2001

Part III. Vol. 11, #9, July 4, 2001

The American Foundation of Greek Language and Culture is a nonprofit organization of concerned philhellenes, whose purpose is to make available to the present as well as secure for the future the historic and cultural role of the Hellenic tradition and language. Its fundamental mission is to assist in the preservation of the Greek language and culture in the United States through our institutions of higher learning.

The foundation is situated as a nonprofit organization of the State of Florida. Its scope and patronage are envisioned as national and international with particular emphasis on the bonds that exist between Greece and the United States.

We trust that you share with us the conviction that the revival of interest in the Greek language and the preservation of the Hellenic heritage are of great importance, given the role that both have played in the formation of the values and ideals of our country. It will be a time to rejoice and celebrate when the students in our colleges and universities have once again the opportunity to study the wealth of meanings that has given our western civilization its solid conceptual foundations in philosophy, language, the arts and the sciences.



Honorary Board

Dr. Kimon A. Doukas
*Program of Hellenic Studies
Columbia University*

The Honorable Sam Gibbons
U.S. House of Representatives

The Honorable Eugene Rossides
Washington, D.C.

Mr. Gus A. Stavros, CEO
Pelam Investments, Inc.

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*Interdisciplinary
Center for Hellenic
Studies at USF
-ICHHS-*

INTERDISCIPLINARY CENTER FOR HELLENIC STUDIES AT USF

The Interdisciplinary Center for Hellenic Studies (ICHS) is the means by which AFGLC carries out its mission to present the Hellenic language and culture to the American university student. Two such Centers have been established in the United States. The first ICHS is located at the University of South Florida, which has given its ICHS the coveted designation “**Center of Excellence**”; and the second at The Richard Stockton College of New Jersey, which is among the best state liberal arts colleges in the US.

Each ICHS consists of five named professorships, endowed in perpetuity, in the following areas: **Greek Language and Culture**, **Greek History**, **Greek Philosophy**, **Culture**, **Language** and **Religion**. The pentagon below illustrates the structure of such ICHS.



The entire Center is so structured contractually that neither it nor the individual professorships can ever be terminated.

In 1999 officially established was the USF *Interdisciplinary Center for Hellenic Studies*, ICHS. The ICHS consists of five-named endowed professor in *Greek History*, *Greek Philosophy*, *Greek Culture*, *Greek Language*, *Greek Literature*, and *Byzantium History and Orthodox Religion*.

Once the Center is established, it is under the control of the academic institution but is presided over by a Board of Directors that include AFGLC participation. Its academic agenda is carried out by a Director, appointed from among the endowed faculty. The ICHS must be operated in accordance with the contract, and neither the Director nor the school administration can alter its mission.

The particular services the ICHS Center provides to its faculty and students include the following:

- To organize and host public lectures, symposia, and conferences;
- To award faculty enhancement grants;
- To award student scholarships;
- To facilitate study-abroad opportunities;
- To help to build at its host institution a collection of publications, reference works and archival materials that pertain to the objectives of the Center;
- To assist in the publishing of scholarly works through small grants;
- To assist in establishing or organizing visiting positions or exchange programs for prominent scholars in various aspects of Hellenic Studies;
- To apply for funding from granting agencies external to the university itself;
- To help to establish interdisciplinary degree programs at the host institution in various aspects of Hellenic Studies, at the undergraduate and graduate levels;
- To advise students wishing to pursue careers in Hellenic Studies;
- To utilize the Internet and other distances learning technologies as they relate to its mission.



*Florida
Hellenic-American
Chamber of
Commerce*

FLORIDA HELLENIC-AMERICAN CHAMBER OF COMMERCE




“Advancing the commercial, financial, industrial and civic interests of the Greek-American community”

In 1994, Dr. Chris P. Tsokos established the Florida Hellenic-American Chamber of Commerce (**FHACC**) to harmoniously promote the economic and business infrastructure of the Greek-American community by assisting in the growth of trade and investments between the two countries. It is developed as a volunteer nonprofit organization of professional individuals and business people working together to fulfill the aims and objectives of the Chamber. These aims and objectives are

- To enhance the economic and business communication structure between Greece and America;
- To encourage and promote the export-import structure of the State of Florida and Greece within competitive marketing conditions;
- To assist the Greek-Americans in business in the State of Florida to prosper and grow;
- To unify the Greek-American businesses and professional organizations for more effective lobbying strategies in both countries.

In brief, the **Florida Hellenic-American Chamber of Commerce** was established to create the ideal link for trading, professional partnership and investment opportunities from both sides of the Atlantic.



*Invited
Scholarly
Educational
Addresses*

INVITED SCHOLARLY EDUCATIONAL ADDRESSES

- Eleventh Educational Forum, AFGLC, USF-CIS 1048, “**Hellenic Paideia: Challenges to Higher Education**”, “**AFGLC’s Educational Plan and its Support**”, March 2-4, 2006
- Athens, Greece – Zapeion Megaron “**Hellenic Paideia and Classical Values – Models for Political and Economical Activities: Moderator, Key Concepts with Historical Perspective**”, June 2-4, 2005
- Tenth Educational Forum, AFGLC, USF – CPR 103, “**Hellenic Paidia: Educating for Democracy and World Peace**”, “**AFGLC-Strategic Plan**”, March 3-5, 2005
- Ninth Educational Forum, AFGLC, USF – CIS 1048, “**Corporate Responsibility for the Support of Education: Lessons from the Classical Athenian Democracy**”, “**Education, Business and Leadership: Modern Paradigms from the Greek Experience**”, Moderator, February 26-28, 2004
- The Richard Stockton College of New Jersey, “**Interdisciplinary Center for Hellenic Studies: Academic Benefits**”, June 20, 2003
- Eight Educational Forum, AFGLC, USF – CIS 1048, “**AFGLC Mission: Enlightening the Young with the Olympic Torch of Hellenism**”, “**The AFGLC Mission and Commitment: We are Moving**”, February 27-March 1, 2003
- National Research Foundation of Greece, “**The Role of the Hellenic Paedia and Hellenic Culture in the Era of Globalization**”, September 14-15, 2002, Athens, Greece
- University of Delaware, “**Global Academic Advantages of Interdisciplinary Centers for Hellenic Studies**”, May 13, 2002, Newark, DE
- Seventh Educational Forum, AFGLC, USF – CIS 1048, “**Lighting the Hellenic Torch Through Interdisciplinary Centers**”, “**The AFGLC Mission and Strategy**”, February 28 – March 2, 2002
- Sixth Educational Forum, AFGLC, USF – CPR 103, “**The Development of Interdisciplinary Centers for Hellenic Studies: Linking Mission and Objectives with Realistic Strategies**”, “**The AFGLC Focus and Mission**”, March 1-3, 2001
- University of Missouri- St. Louis, “**A Dynamic Plan for Hellenism in the 21st Century**”, May 2001, St. Louis, Missouri

- Hellenic American Union, June 26, 2001, “**Scientific Contributions and Hellenism in American Universities**”, Athens, Greece
- Hellenic American Union, “**Mathematics-Music and Hellenism in American Universities**”, June 6, 2000, Athens, Greece
- University of Pittsburgh/Foundation for Hellenic Studies, “**The Educational Mission and Strategies of AFGLC**”, Pittsburgh, Pennsylvania, November 11, 2000.
- University of Rhode Island, “**Interdisciplinary Centers at American Universities for Hellenic Studies**”, Kingston, Rhode Island, November 16, 2000.
- Zappeion Megaro, “**The Importance of the Establishment of the AFGLC Center in Greece: Mission-Goals and Objectives**”, Athens, Greece, October 11, 2000.
- USF, Fifth Annual Educational Forum, “**AFGLC and Greek Institution: An Exciting Personal Odyssey**”, CIS 1048, March 10-11, 2000.
- Greek-American Union, “**Hellenism in the West-A State of the Art Approach for Revival**”, Athens, Greece, July 22, 1999.
- Greek-American Union, “**Hellenism in the West – A State of the Art Approach for Revival**”, Athens, Greece, July 22, 1999
- Fifth Educational Forum, AFGLC, USF – CIS 1048, “**The Opening of an Interdisciplinary Center for Hellenic Studies Unifying the Building Blocks**”, “**The AFGLC Vision and Strategy**”, February 28 – March 2, 1999
- Fourth Educational Forum, AFGLC, USF – CIS 1048, “**The Opening of an Interdisciplinary Center for Hellenic Studies Unifying the Building Blocks**”, “**The AFGLC Vision and Commitments: Future Plans and Developments**”, March 10-11, 1999
- Third Educational Forum, AFGLC, USF – CIS 1048, “**Support of Hellenism Through Department and Programs**” March 1-2, 1998
- Second Educational Forum, AFGLC, USF – CPR 103, “**Nurturing Hellenism in An American University**”, March 5-6, 1997
- First Educational Forum, AFGLC, USF – CIS 1048, “**The Educational Mission of AFGLC Towards Hellenism**”, February 28-March 2, 1996

- AFGLC International Forum, USF – CPR 103, “**The Interdisciplinary Advantages of Greek Study Programs at our Colleges and University**”, March 3-5, 1995
- AFGLC International Forum, USF – CIS 1048, “**AFGLC and the Interplay with the Academic Environment**”, February 28 - March 2, 1994
- AFGLC International Forum, USF – Student Center, “**Developing the Aims and Objectives of AFGLC**”, February 24-26, 1993
- AFGLC International Forum, Holiday Inn at USF, “**The Urgent Need for the Teaching of Hellenism at our Academic Institutions**”, March 3-5, 1992



COMMUNITY SERVICES

- Tampa Museum of Arts, Committee for Magna Grecia Exhibit, South Italy and Sicily, 2003
- Board of Directors, St. John's Greek Orthodox School, 2009 -2012.
- Board of Directors, Broadway Theater Projects (BTP), for Tampa Bay, Florida
- Black Life Institute- Advisory Board, NSF GK-12 Project
- Tampa Bay High School Teachers and Students – Mathematics Field Day, “Challenges in Probability and Statistics, Nov 1998
- USF – Urban Scholars Outreach Program, teaching mathematics, reading and writing to underprivileged African American and Hispanic students, k-12, in Tampa Bay Area

COMMUNITY OUTREACH PROGRAM: SPEAKERS

In 1999, established the **AFGLC/Interdisciplinary Center for Hellenic Studies, ICHS**, at the University of South Florida, to promote and assist in the study and teaching of Hellenism through the many fields that define Greek civilization and culture.

We are also concerned about reaching out to the American public generally, to make everyone more aware, not only of the glories of the Greek past, but also of the contribution their friends and neighbors of Greek ancestry make to life in America every day.

To assist in this goal, we have compiled a list of speakers in the Tampa Bay area who are available to talk to **schools, public and private organizations, churches**, etc. on a very broad array of topics. A brochure of the speakers and suggested titles is available.