GARY WILLIAM PERRY
Professor of Neuroscience

BIOSKETCH

Dr. Gary W. Perry joined Florida Atlantic University in 1989 as a faculty member in the Center for Complex Systems and Brain Sciences and the Department of Psychology, where he is currently a tenured full Professor of Neuroscience. Following 20 years as a faculty-administrator, Dr. Perry returned to full-time faculty and resumed teaching undergraduate courses and conducting research with undergraduate students through Directed Independent Research (DIR) courses. He has also held joint faculty appointments in the Department of Biological Sciences and the Charles E. Schmidt College of Medicine and is a member of the Center for Molecular Biology and Biotechnology. Currently, Dr. Perry also serves as the Acting Director of the Center for Complex Systems at Florida Atlantic University. In this role, Dr. Perry oversees the management and activities of the Center for Complex Systems and the PhD program in Complex Systems and Brain Sciences.

Dr. Perry served as Provost and Vice President for Academic Affairs at Florida Atlantic University from May 1, 2014, through June 30, 2018. In this role he served as FAU's Chief Academic Officer and lead the Division of Academic Affairs, overseeing the development and delivery of all academic programs at FAU while directing the division's budget (~$350 million) and personnel. The Division of Academic Affairs comprises FAU's 10 colleges that deliver more than 180 degree programs at the Bachelor's, Master's, Specialist and Doctoral levels. Related areas, such as the University Registrar, the University Libraries, the Lifelong Learning Society, Enrollment Management, Admissions, Financial Aid, Institutional Effectiveness and Analysis, and the Office of Information Technology were also under the division's umbrella and reported to the provost. From June 2016 through June 2018, Dr. Perry served as Chair of the Council of Academic Vice Presidents (CAVP) of the Florida State University System. As Provost, Dr. Perry was instrumental in implementing strategies to meet the SUS Board of Governors 10 Performance Metrics which resulted in FAU achieving #1 status in the SUS in 2015 (tied with UCF) garnering an additional $20 million annually in performance funding for FAU.

Prior to being appointed as Provost, by President John Kelly, Dr. Perry served as Interim Provost and Chief Academic Officer from August 26, 2013, until May 1, 2014. During this time, he was responsible for reorganizing the Office of the Provost, leading the Division of Academic Affairs and responsible for the development of plans to address student success at FAU. In addition, Dr. Perry was charged with developing plans to address the newly implemented BOG Performance Metrics.

Prior to his appointed as Interim Provost, Dr. Perry served for seven years as Dean of the Charles E. Schmidt College of Science at FAU, from June 1, 2006, until June 30, 2013. As dean, his role was as the chief executive and administrative officer of the College who provided leadership and vision for the College, administered the affairs of the College, and served as liaison between the College faculty and the Division of Academic Affairs. During his time as dean, enrollment in science programs increased significantly and the college grew to become FAU's second largest college. Additionally, with approval of the PhD in Geosciences in 2009 the College became a fully doctoral college offering the most PhD programs at FAU and graduating the highest number of PhD's each year at the university. While dean, research productivity increased, peaking in 2011 with ~$15 million in research grants awarded with about $8-10 million in annual research expenditures.

Dr. Perry served as the Dean of Graduate Studies (Interim) at FAU (2005-2006). In this role, he provided leadership in establishing the appropriate organizational structure necessary and operational procedures to enhance graduate education at FAU. This included graduate admissions, enrollment and progression, financial support, and graduate programs and policies, while formalizing a University Graduate Council and a Graduate Faculty at FAU.

Dr. Perry also served as Senior Associate Dean for Research and Graduate Studies in the College of Science (1999-2005), In this role, Dr. Perry provided oversight of research programs that grew from $3.2 million to $8.5 million in external research funding during his tenure; he had oversight of the design and construction of new science facilities at a cost of over $50 million (which he continued as dean); and he was also responsible for the implementation of several new graduate programs, these included the PhD programs in Chemistry and in Integrative Biology, and the MS programs in Statistics and Applied Mathematics and in Biomedical Science. He also worked to implement accelerated Masters' programs, such as the BS/MS program in Biotechnology offered through FAU's Center for Molecular Biology and Biotechnology. This latter program constituted part of a workforce development initiative begun with Workforce Alliance Inc. of Florida and the Workforce Development Board of the Treasure Coast, Florida to retrain IT workers in biotechnology/biosciences and funded through a $2.3 million grant from the U.S. Department of Labor.

Dr. Perry was also Acting Director of the Center for Complex Systems and Brain Sciences (1997-1998) and Acting Associate Dean and Chair of the Biomedical Sciences Program (1998-1999). In this latter role, he was involved in the initial development of the Program for Quality Medical Education, a partnership between FAU and the University of Miami Miller School of Medicine in Miami, Florida. This program began as a 2+2 program to train additional physicians in Southeast Florida, and in 2010 the program became an independent Charles E. Schmidt College of Medicine.

Dr. Perry has made significant contributions to help establish Southeast Florida as the new Life Science hub in the US, including work on cooperative agreements between FAU and The Scripps Research Institute - Scripps Florida and the Max Planck Florida Institute for Neuroscience, both located in Jupiter; and the Torrey Pines Institute for Molecular Studies and the Vaccine and Gene therapy Institute, both located in Port St. Lucie. He was a founding member of the South Florida Bioscience Consortium, now incorporated as part of BioFlorida. In 2000, Dr. Perry, with his long-term friend and collaborator Dr. Ramaswamy Narayanan, "spun out" FAU's first biotech start-up, Forseti Biosciences, Inc, based on FAU-patented technology that identified a "pair of genes" with diagnostic/therapeutic utility in cancer.

Dr. Perry has taught extensively in the graduate and undergraduate programs at FAU. His principal area of teaching is neuroscience, and he has been involved in the development of several interdisciplinary graduate programs, initially the PhD program in Complex Systems and Brain Sciences at FAU and the joint graduate PhD program in Integrative Biology and Neuroscience between FAU and the Max Planck Florida Institute for Neuroscience. He has published numerous articles in his area of research interest that includes an understanding of molecular and cellular mechanisms controlling growth and development of nervous systems. These interests also led him to explore the role of specific neural genes in cancer and the physiology of the Sudden Infant Death Syndrome (SIDS). To support his research program, Dr. Perry has received significant federal research funding, principally from the NIH. He has served on national review panels of the NIH and the NSF and has reviewed for research articles for numerous scientific journals in his field. More recently, Dr. Perry has developed an interest in Educational Neuroscience, and the application of brain-based learning in education.

Dr. Perry received his primary and secondary education at Purford Green School and Brays Grove School in Harlow, Essex, England, and at the latter served as Deputy then Head Boy (1969-1970). He went on to read Biochemistry at the University of London graduating with a B.Sc., Honours degree in 1973, and subsequently completed postgraduate research in neuroscience at the University of Manchester (M.Sc., 1975 & Ph.D., 1977) in the UK. He has held research faculty appointments at the Weill Medical College of Cornell University, New York, NY (1981-1984) and at the University of Miami Miller School of Medicine, Miami, FL (1984-1989) before joining the faculty at FAU in 1989.

CONTACT INFORMATION

Address: Center for Complex Systems
Charles E. Schmidt College of Science
Florida Atlantic University
777 Glades Road
Boca Raton, FL 33431
Email: perryg@fau.edu
Tel: (561) 297-4310

UNIVERSITY EDUCATION

B.Sc. (Honours) 1973, Biochemistry and Related Sciences, Royal Holloway College, University of London, Englefield Green, London, England.
M.Sc. (by research) 1975, Title: The Synthesis of Microtubule Protein (Tubulin) in Developing Rat Visual Cortex, University of Manchester, Institute of Science and Technology, Manchester, England.
Ph.D. 1977, Title: Effect of Early Visual Experience on Microtubule Protein (Tubulin) in Rat Neocortex, University of Manchester, Manchester, England.

PROFESSIONAL EXPERIENCE

2018-present	Professor of Neuroscience and Director, Center for Complex Systems
2014-2018	Provost and Vice President for Academic Affairs, FAU, Boca Raton FL 33431
2013-2014	Interim Provost and Chief Academic Officer, FAU, Boca Raton FL 33431
2006-2013	Dean, Charles E. Schmidt College of Science, FAU, Boca Raton, FL 33431
2005-2006	Dean for Graduate Studies (Interim), FAU, Boca Raton, FL
1999-2005	Senior Associate Dean for Graduate Studies and Research, Charles E. Schmidt College of Science, FAU
1999-2006	Professor of Biomedical Science, Charles E. Schmidt College of Medicine, FAU
1998-1999	Acting Associate Dean for Biomedical Programs, Charles E. Schmidt College of Science, and Acting Chair, Department of Biomedical Science, FAU
1997-1998	Acting Director, Center for Complex Systems and Brain Sciences, FAU
1997-present	Professor of Neuroscience, Center for Complex Systems & Brain Sciences and Department of Psychology, FAU
1992-present	Professor of Biological Sciences, Department of Biological Sciences, FAU
1989-1997	Associate Professor of Neuroscience, Center for Complex Systems and Department of Psychology, FAU
1984-1989	Assistant Professor (Research), Department of Physiology and Biophysics, University of Miami, School of Medicine, Miami, FL
1981-1984	Instructor, Department of Physiology, Cornell University Medical College, New York, New York
1978-1981	Research Instructor, Department of Physiology and Biophysics, University of Miami School of Medicine, Miami, FL
1977-1978	Postdoctoral Research Assistant, Visual Sciences Laboratory, University of Manchester, Institute of Science and Technology, Manchester, UK
1973-1977	Graduate Research Assistant, Visual Sciences Laboratory, University of Manchester, Institute of Science and Technology, Manchester, UK

PROFESSIONAL RESPONSIBILITIES

Departmental/Center

Instructional Committee, Department of Psychology, FAU, 1989-91
Graduate Committee, Department of Psychology, FAU, 1991-1994
Neuroscience Search Committee, Center for Complex Systems and Brain Sciences & Department of Psychology, FAU, 1990 & 1993
Psychology Club Faculty Advisor, FAU, 1990 - 1995.
Faculty Search Committee, Program in Complex Systems and Brain Science, FAU, 1993
Coordinator for "SECME Science Day, 1993," College of Science, FAU
Long-Term Planning Committee, FAU, 1993
Faculty Search Committee, Center for Complex Systems, FAU, 1994
Undergraduate Curriculum Committee, Department of Psychology, FAU, 1994 -1996
Faculty Search Committees, Center for Complex Systems & Department of Psychology, FAU, 1995
Psychobiology Faculty Search Committee, College of Liberal Arts, FAU, 1996
Graduate Committee, Department of Psychology, FAU, 1996 - 98
Acting Director, Center for Complex Systems and Brain Sciences, FAU, 1997 - 1998
Chair, Search Committee for Schmidt Senior Faculty Fellow, FAU, 1999
Member, Search Committee for Chair, Department of Biological Sciences, FAU, 1999
Psychobiology Faculty Search Committee, Department of Psychology, FAU, 2002
Member, Search Committee, Davimos Family Chair in Brain Science, CCSBS, FAU, 2003
Psychobiology Faculty Search Committee, Department of Psychology, FAU, 2004

College/University

Member of the Graduate Faculty, University of Miami, 1985-89
Member of the Neurosciences Program (Founding Member), University of Miami, 1987-89
Member of the Institutional Animal Care and Use Committee, FAU, 1990 - 2000
Chairman, Institutional Animal Care and Use Committee, FAU, 1990 - 1996.
Member, Radiation Safety Committee, FAU, 1991 - 1999.
Member, Ad-Hoc Committee on Feral Cats, FAU, 1992
Joint Appointment in Department of Biological Sciences, FAU, 1992 - present.
Psychology Department representative - SECME Committee, College of Science, FAU, 1993
Member, University Senate (College of Science), FAU, 1992 - 1994.
Member, Search Committee for Assistant Director of Sponsored Research at FAU, 1996
Appointed Member, Center for Molecular Biology and Biotechnology, FAU, 1998 - present
Member, Design Team for the Charles E. Schmidt Biomedical Sciences Center, FAU, 1998-2000
Member, Search Committee for Coordinator - Research Programs, DSR, FAU, 1999
Chair, Committee on Faculty and Research, SACS Re-Accreditation Self Study, FAU, 1999-2002
Member, SACS Re-accreditation Steering Committee, FAU, 1999-2002
Member, Design Team, Sanson Science and Biological Sciences renovation, FAU, 2000-2005
Member, University Safety Committee, FAU, 2000-2002
Member, Technology Transfer Policy Committee, FAU, 1999-2001
Chair, Search Committee for Development Officer, Charles E. Schmidt College of Science, FAU, 1999 & 2000
Representative, Palm Beach Business Development Board - Medical and Pharmaceutical Cluster, Palm Beach, FL 2000 - 2006
Chair, Search Committee, Director of Technology Transfer, FAU, 2000
Member, University Graduate Programs Committee, FAU, 2000 - 2005

Chair, Charles E. Schmidt College of Science Graduate Programs Committee, FAU, 2000 - 2005
Founding Member, South Florida Bioscience Consortium, FL 2003
Member, Search Committee for Director of Development, Charles E. Schmidt College of Science, FAU, 2003, 2004
Member, Search Committee for Vice President for University Advancement and Executive Director, FAU Foundation, 2003
Member, Design Team, Joint FAU-HBOI Marine Science Building, 2003 - 2006
Chair, Charles E. Schmidt College Advisory Committee on Research, FAU, 2004 - 2005
Member, Intellectual Property Committee, FAU, 2004 - 2006
Member, Strategic Planning Committee on Building World-Class Programs and Research Capacity, FAU, 2004
Chair, Search Committee for Associate Vice President for Research, FAU, 2005
Member, Provost's Advisory Council, FAU, 2005 - 2006
Member, Provosts Council, & Council of Deans, FAU, 2005 - 2014
Chair, Ad-Hoc Review Committee on Academic Policies in Department of Chemistry and Biochemistry, FAU, 2005
Member, Council for Excellence in Undergraduate Education, Florida Atlantic University, Boca Raton, FL 33431, 2006 - 2012
Chair, Search Committee for Dean, Dorothy F. Schmidt College of Arts and Letters, FAU, 2006/07
Chair, Search Committee for Vice President for Research, Florida Atlantic University, FAU, 2007/08
Member, Design Team, Davie West Joint Use Facility, Davie Campus, FAU, 2008-2010
Member, Design Team, Marine Science Building, HBOI, FAU, 2009 - 2010
Member, HBOI Master Planning Committee, FAU, 2008 - 2010
Member, FAU Strategic Planning Roundtable, FAU, 2011
Member (as Deans' representative), Search Committee, Dean of Engineering and Computer Science, FAU, 2012 – 2013
Member, Strategic Planning Steering Committee, 2012 – 2014
Member, Task Force on Student Success, 2013
Member, Dean's Executive Committee, Charles E. Schmidt College of Science, FAU, 2019-present

State University System

Council of Academic Vice Presidents, 2013 – 2018; Chair, 2016 -2018
Member, BOG Task Force for Online Learning, 2014 – 2016
Member, BOG Steering Committee for Online Learning, 2016 -2018

National

Visual Sciences B Study Section, DRG NIH-NEI, ad-hoc grant reviewer, June 1986, October 1986, June 1988, February 1989, October 1989, June 1990, October 1992, October 1993 (outside reviewer), October 1994, February 1995, February 1996 (outside)
Neurology B Study Section, DRG NIH-NINCDS, September 1986, member of site visit team to review Program Project Grant.
Visual Sciences A Special Emphasis Panel, Reviewer, April & October 1992.
VA grant programs - ad-hoc reviewer 1985 - present.
Spinal Cord Research Foundation of The Paralyzed Veterans of America - ad-hoc reviewer of grant proposals, 1988 - present.
Medical Research Council of Canada, Grant-in-Aid Program, external reviewer, 1991
National Science Foundation, Grant Reviewer, 1993 - 1995
Miller Jeffress Memorial Trust, Grant Reviewer, 1998

Alzheimer's Association, Grant reviewer, 1999, 2002
Reviewer for manuscripts submitted to: Science, Nature, Journal of Neurochemistry, Brain Research, Neuroscience Letters, Neurochemical Research, Journal of Neuroscience, Journal of Comparative Physiology, Molecular and Cellular Neurosciences, Journal of Neurobiology, and Proceedings National Academy of Science.

Academic Program Development

BS in Psychobiology (now Neuroscience and Behavior), FAU, implemented 1990
MS in Biomedical Sciences, FAU, implemented 2004
MS in Applied Mathematics and Statistics, FAU, implemented 2005
BS/MS in Mathematical Sciences, FAU, implemented 2005
BS/MS in Biological Sciences (Biotechnology), FAU, implemented 2005
BA/MA in Geography, FAU, implemented Fall 2013
PhD in Complex Systems and Brain Sciences, FAU, implemented 1995
PhD in Chemistry, FAU, implemented 2000
PhD in Integrative Biology, FAU, implemented 2003
PhD in Geosciences, implemented 2009
Graduate Certificate in Neuroscience, FAU, implemented 2009
Graduate Certificate in Medical Physics, FAU, implemented 2009
Professional Science Master's in Business Biotechnology, FAU, implemented 2010
Professional Science Master's Medical Physics, FAU, implemented 2010
Certificate in Neuroeconomics, implemented Fall 2024

TEACHING ACTIVITIES

Lecture course - "Introductory Biochemistry and Cell Biology" 1974-1978 University of Manchester Institute of Science and Technology
Tutorials and laboratory teaching - "General Physiology" Neurophysiology" and "Biophysics" 1974 - 1978 University of Manchester; 1981 - 1984 Cornell University Medical College 1986 - 1989 University of Miami School of Medicine
Lectures and tutorials - "Developmental Neurobiology" 1985 - 1989, University of Miami (Team-taught).
Guest Lecturer (Neurophysiology) - "Introduction to Neural Nets" EEL 5798 (Instructor: Dr. A. Pandya).1989 - 1990, FAU
Lecture and seminar - "Special Topics in Psychobiology" PSB 6930 1990, FAU
Lecture course - "Developmental Neurobiology" PSB 5515 1990 - 1995, FAU
Lecture course - "Neuroscience 1 & 2", PSB 6825 & PSB 6826 1990 - 2007, FAU
Laboratory course - "Psychobiology Laboratory" PSB 4004L 1995 - 1997, FAU
Laboratory course - "Research in Neurobiology" PSB 4930 1993 - 1995, FAU
Lecture course - Cellular Function and Regulation module: muscle lectures, FAU/UMMSM partnership 2004 - 2006
Lecture course - Neuroscience and Behavioral Science module: neurophysiology lectures, FAU/UMMSM partnership 2004 - 2006
Lecture course - "Biological Bases of Behavior 1" PSB 3002 1993 - present, FAU
Lecture course - "Biological Bases of Behavior, 2" PSB 4006 1996 - present, FAU
Lecture course – "Mind and Brain" PSY 4930 Summer 2010, FAU
Proseminar in Complex Systems Research ISC 6937 2019-2022
Directed Independent Research – Neuroscience and Behavior PSB 4915 & PSB 4917 2021-present

THESIS/DISSERTATION ADVISING

Ph.D. candidates:

Julia Minkiewicz, PhD Candidate, University of Miami Miller School of Medicine January 17, 2013 (External Examiner)
Mireille Aleman (Chemistry) 2004 - 2007 (Committee Member) FAU
Nithya Sundaraman (CSBS) 2003- 2006 (Committee Member) FAU
Walter Hoover (CSBS) 2002-2008 (Committee Member) FAU.
Kimberlee Bachand (Psychology) 2002-2006 (Committee Member) FAU
Maurice P. DeYoung (Chemistry) 2001-2003 (Committee Member) FAU
Janna Taft (Psychology) 1999-2003 (Committee Member) FAU
Donna Chamley (Chemistry) 2001-2004 (Committee Member) FAU
Aldo Franco (Chemistry) 2001-present (Committee Member) FAU
Fred Pfleuger (Chemistry) 2001-present (Committee Member) FAU
Mary Alice Ross (Psychology) 2000-2004 (Committee Member) FAU
Bernadette Mietus (Psychology) 1997-2001 (Committee Member) FAU
Zimbul Albo (CSBS) 1997-2002 (Committee Member) FAU
Timothy McKenna (CSBS) 1996-2001 (Committee Member) FAU
Linda Wodarczyk (CSBS) 1992-1998 (Chair/Advisor) FAU
Gene Kinney (Psychology) 1992-1994 (Committee Member) FAU
Guang-Shing Perng (Physiology and Biophysics) 1986-1991 (Chair/Advisor), University of Miami
Barry Brass (Physiology and Biophysics) 1987-1991 (Committee Member) University of Miami
Xiao-yi Xie (Physiology and Biophysics) 1987-1989 (Committee Member) University of Miami

M.A./M.S. candidates:

Jeffrey Thinschmidt (Psychology) 1991-1993 (Committee Member) FAU
Linda Wodarczyk (Psychology), 1991-1994 (Chair/Advisor) FAU
Susan Reed (Biology), 1993-1995 (Committee Member) FAU
Christopher Dougherty (Biology) 1994-1996 (Committee Member) FAU
Kris McFadden (Biology), 1993-1997 (Committee Member) FAU
Ray Reiner (Biology), 1994-1997 (Committee Member) FAU
Darrin Breger (Biology), 1996-1997 (Committee Member) FAU
Lisa DeCarlo (Biology), 1996-1998 (Committee Member) FAU
Timothy McKenna (Psychology) 1996-1997 (Committee member) FAU
Lina Shehadeh (Biology) 1996-1999 (Committee Member) FAU
Janna Taft (Psychology) 1998-1999 (Chair/Advisor) FAU
Alicia Rucekova (Biology) 1999-2000 (Committee Member) FAU
Hema Demania (Biology) 2000-2002 (Committee Member) FAU
Perter Blandino (Psychology) 2001-present (Committee Member) FAU
Louis Riccardo (Biomedical Science) 2000-2003 (Chair/Advisor) FAU
Mathew Tress (Integrative Biology) 2001-2003 (Committee Member) FAU
Dina Randazzo (Biology) 2002-2003 (Chair/Advisor) FAU
Kimberlee Bachand (Psychology) 2002-2003 (Committee Member) FAU
Michele Owens (Psychology) 2003-2005 (Committee member) FAU
Jill Cuadra (Biomedical Science) 2004 - 2006 (Chair) FAU
Ana Delgado (Biological Sciences) 2013-present (member)

Undergraduate Honors Thesis:

Jacqueline Levermore, 1987 - 1988, University of Miami
Cuong-Dung Do, 1989 - 1990, University of Miami
William MacManus, 1991 - 1992, FAU
Jennifer Smith, 1995 - 1996, FAU
Louis Riccardo, 1999 - 2000, FAU
Brendan Sestito, 2024 FAU

STUDENT AWARDS

Teaching Incentive Award, 1995
Excellence in Leadership within the Graduate Community, 2004
Excellence in Leadership to the Graduate Students at the Charles E Schmidt College of Science, 2005
Appreciation of Contributions, Agency for Graduate Concerns and the Graduate Community, 2006
Making the Difference Award, Minority Association of the Pre-professional Students, 2009

RESEARCH INTERESTS

Molecular and cellular mechanisms regulating neural growth, neuron regeneration, neuroplasticity and neo-plasticity; SIDS
Educational Neuroscience: Brain-Based Learning in Education

PUBLICATIONS

J.R. Cronly-Dillon and G.W. Perry, 1975 Synthesis of microtubule protein in rat visual cortex during early post-natal life in relation to eye-opening Journal of Physiology 252, 27-28

J.R. Cronly-Dillon and G.W. Perry, 1976 Tubulin synthesis in developing rat visual cortex Nature 261, 581-583

J.R. Cronly-Dillon and G.W. Perry, 1978 Tubulin synthesis in developing cerebral cortex of rat Journal of Physiology 287, 26-27.

G.W. Perry and J.R. Cronly-Dillon, 1978 Tubulin synthesis during a critical period in visual cortex development Brain Research 142, 374-378

J.R. Cronly-Dillon and G.W. Perry, 1979 Effect of visual experience on tubulin synthesis during a critical period of visual cortex development in the hooded rat. Journal of Physiology 293, 469-484.

T.R. Vidyasagar and G.W. Perry, 1979 An improved tungsten microelectrode. Brain Research Bulletin 4, 285-286.

G.W. Perry and D.L. Wilson, 1980 Protein synthesis and axonal transport following peripheral nerve damage Society for Neuroscience Abstracts 6, 94

G.C. Stone, D.L. Wilson and G.W. Perry, 1980 The quantitation of radioactively labeled proteins on two-dimensional gels: Tests of a method for analyzing changes in protein synthesis and gene expression In Electrophoresis '79, B.J. Radola, Ed. De Gruyter and Co Berlin, pp 361-382

G.W. Perry and D.L. Wilson, 1981 Protein synthesis and axonal transport during nerve regeneration Journal of Neurochemistry 37, 1203-1218

G.W. Perry and D.L. Wilson, 1981 Comparison of rapidly transported proteins in frog and rat sensory neurons. Society for Neuroscience Abstracts 7, 486

B. Tedeschi, D.L. Wilson, A. Zimmerman and G.W. Perry, 1981. Are axonally transported proteins released from sciatic nerves? Brain Research 211, 175-178.

G.W. Perry and D.L. Wilson, 1982 On the identification of alpha and beta tubulin subunits Journal of Neurochemistry 38, 1155-1159.
G.W. Perry, S.R. Krayanek and D.L. Wilson, 1983 Protein synthesis and rapid axonal transport during regeneration of dorsal roots Journal of Neurochemistry 40, 1590-1598
G.W. Perry and D.L. Wilson, 1983 Polypeptides in frog and rat: Evolutionary changes in rapidly transported and abundant nerve proteins Journal of Neurochemistry 41, 772-779
D.W. Burmeister, G.W. Perry and B. Grafstein, 1983 Target regulation of the cell body reaction in regenerating goldfish optic nerve. Society for Neuroscience Abstracts 9, 694
G.W. Perry, D.W. Burmeister and B. Grafstein, 1985 Changes in protein content of goldfish optic nerve during degeneration and regeneration following nerve crush. Journal of Neurochemistry 44, 1142-1151
G.W. Perry, B. Tedeschi and D.L. Wilson, 1985 Early appearance of A25 (a modified rapidly transported polypeptide) in frog sciatic nerve following damage, and the effects of a conditioning lesion Society for Neuroscience Abstracts 11, 420
G.W. Perry, D.W. Burmeister and B. Grafstein, 1987 Labeling of proteins in fast axonal transport during regeneration of goldfish optic nerve. Journal of Neuroscience 7, 792-806
E. Antonian, G.W. Perry and B. Grafstein, 1987 Fast axonally transported proteins in regenerating goldfish optic nerves: Effects of abolishing electrophysiological activity with TTX Brain Research 400, 403-408.
B. Grafstein, D.W. Burmeister, C.M. McGuiness, G.W. Perry and J.R. Sparrow, 1987. Role of axonal transport in regeneration of goldfish optic axons Progress in Brain Research 71, 113-120
G.W. Perry, S.R. Krayanek and D.L. Wilson, 1987 Effects of a conditioning lesion on bullfrog sciatic nerve regeneration: analysis of fast axonally transported proteins. Brain Research 423, 1-12.
G.W. Perry, 1988. Peripheral nerve grafts implanted into rat CNS (optic nerve) show electrophoretic patterns of radiolabelled fast axonally transported proteins similar to the pattern seen in the normal host CNS tract. NATO ASI Series Vol. H22, pp 675-676.
R.L. Rotundo, D.L. Wilson and G.W. Perry, 1988 Isolation and characterization of fast axonally transported proteins: an immunochemical approach. Society for Neuroscience Abstracts 14, 590
G.S. Perng, R.D. Rulli, D.L. Wilson and G.W. Perry, 1988 A comparison of fluorographic methods for the detection of ^{35}S in polyacrylamide gels. Analytical Biochemistry 173, 387-392.
G.S. Perng and G.W. Perry, 1988 Changes in specific fast axonally transported proteins in crushed frog and rat optic nerves Society for Neuroscience Abstracts 14, 804
D.L. Wilson and G.W. Perry, 1990 Some hypotheses concerning axon regeneration. Restorative Neurology and Neuroscience 1, 197-203.
G.W. Perry, D.W. Burmeister and B. Grafstein, 1990 Effect of target removal on goldfish optic nerve regeneration: Analysis of fast axonally transported proteins Journal of Neuroscience 10, 3439-3448
G.S Perng, D.L. Wilson and G.W. Perry, 1990 A25, a nerve damage associated protein(s) is produced at a cold-block. Society for Neuroscience Abstracts 16, 339
G.W. Perry and G-S Perng, 1992 On retrograde signalling and molecular events associated with nerve damage and regeneration In Development and Regeneration of the Nervous System, Ed. S. Nona, J. Cronly-Dillon, M. Ferguson and C. Stafford, Chapman and Hall, London. pp 75-96
L.B. Wodarczyk and G.W. Perry, 1992 Characterization of protein 108 in amphibian and mammalian optic nerve. Investigative Ophthalmology and Visual Science 33, 1010
L.B. Wodarczyk and G.W. Perry, 1992 Early changes in fast axonally transported proteins reflect differential regulation in crushed rat optic nerve. Society for Neuroscience Abstracts 18, 426
R.W. Keane and G.W. Perry, 1992 Modulation of mouse microglia form and immune function by goldfish optic nerve factors. Society for Neuroscience Abstracts 18, 961

R.P. Vertes and G.W. Perry, 1993 Sudden Infant Death Syndrome: A Theory Neuroscience and Biobehavioural Reviews 17, 305-312

L.B. Wodarczyk, V.K.L. Merrill and G.W. Perry, 1993 Axotomy of adult rat retinal ganglion cells has differential effects on GAP-43, actin and tubulin mRNAs. Society for Neuroscience Abstracts 19, 677

V.K.L. Merrill and G.W. Perry, 1994 Goldfish optic nerves regenerating with and without a prior conditioning lesion have similar retinal GAP-43 levels. Society Neuroscience Abstracts 20: 296.

G.W. Perry and R.W. Keane, 1997 Modulation of Microglial Form and Immune Function by Goldfish Optic Nerve Factor International Journal of Neuroscience 91, 345-456

G.W. Perry, R. Vargas-Cuba and R.P Vertes 1997 On fetal hemoglobin levels in Sudden Infant Death Syndrome Archives of Pathology and Laboratory Medicine, 121, 475-494

L. B. Wodarczyk and G.W. Perry, 1997 Changes in fast axonally transported proteins in rat retinal ganglion cells following axotomy: Effects of BDNF. Society for Neuroscience Abstracts 23: 89

L.B. Wodarczyk, V.K.L. Merrill and G.W. Perry, 1998, Differential regulation of fast axonally transported proteins during the early response of rat retinal ganglion cells to axotomy. Journal of Neurochemistry 68, 1114-1123

L.B. Wodarczyk, R.W. Keane and G.W. Perry, 1999 Brain-Derived Neurotrophic Factor prevents activation of caspase-3 following rat retinal ganglion cell axotomy. Society for Neuroscience Abstracts 25: 757

J.R. Taft, R.P. Vertes and G.W. Perry, 2000 Differential distribution of GFAP+ astrocytes in mature and immature rat brain Society for Neuroscience Abstracts 26: 457

N. Sundaraman, R.P. Vertes and G.W. Perry, 2004. Neurotoxic lesions of serotonin containing cells of the median raphe nucleus produce constant hippocampal theta rhythm in behaving rats. Society for Neuroscience Abstracts 30:196

J.R. Taft, R.P. Vertes and G.W. Perry, 2004 Differential distribution of GFAP+ astrocytes in mature and immature rat brain International Journal of Neuroscience, 115, 1333-1343

M. Alman, M.P. De Young, G.W. Perry, R. Narayanan, 2005. Expression of differentiation markers following Single Minded 2 gene antisense mediated apoptosis. Proceedings of the National Academy of Science (USA), 102, 12765-12770

D. Randazzo, J. Cuadra, R.P Vertes and G.W. Perry, 2005. Differential distribution of macroglia and microglia in adult rat brain Society for Neuroscience Abstracts 31: 831

H.F. Krous, E. Hass, A.E. Chadwick, H. Masoumi, C. Stanely and G.W. Perry, 2007. Hemoglobin F in Sudden Infant Death Syndrome: A San Diego SIDS/SUDC Research Project Report. Journal of Forensic and Legal Medicine, 14, 456-460

PLENARY TALKS/INVITED SYMPOSIUM SPEAKER--SCIENTIFIC MEETINGS

GAP-43, A Key Phosphoprotein in Neuronal Growth and Plasticity Sponsored by The Neurosciences Institute at The Rockefeller University, NY, April 9-11, 1986.

Developmental Neurobiology, Southeastern Regional Meeting of the Society for Developmental Biology, Whitney Laboratory, St. Augustine, FL, February 6-8, 1987.

Development, Plasticity and Transplantation in the Nervous System, International Symposium of the Northern Eye Institute, University of Manchester Institute of Science and Technology, Manchester, England, July 2-5, 1990.

Fetal Hemoglobin and SIDS, National Institute of Child Health and Human Development, Washington DC, March 25th, 1991.

GRANTS RECEIVED AS PRINCIPLE INVESTIGATOR (PI)

Title: Video Analysis of Gels.
Agency: NIH 2SO7 05396 BRSG.
Date: 1982
Amount: $4,500

Title: Isolation and characterization of fast axonally transported proteins: an immunochemical approach.
Agency: NIH 2SO7 R1 05363 BRSG
Dates: 1985 - 1986
Amount: $17,000

Title: Molecular events in optic nerve regeneration.
Agency: NIH RO1 EY06449
Dates: 1986 - 1989
Amount: $391,789

Title: Axonally transported proteins in nerve growth, regeneration and maintenance.
Agency: National Parkinson Foundation
Dates: 1986 - 1988
Amount: $68,702

Title: Purchase of Biotek Automated Microplate Reader.
Agency: NIH 2SO7 05365 BRSG
Dates: 1987
Amount: $6,330

Title: Purchase of Savant Gel Drying/SpeedVac System.
Agency: NIH 2SO7 05365 BRSG
Dates: 1988
Amount: $5,170

Title: Purchase of RT-6000B Refrigerated Centrifuge
Agency: NIH 2SO7 05366 BRSG
Dates: 1989
Amount: $5,100

Title: Molecular events during optic nerve development and regeneration.
Agency: NIH 5RO1 EYO6449
Dates: 1989 - 1996
Amount: $910,514

Title: SIDS and Fetal Hemoglobin
Agency: Internal Research Grant, F.A.U.
Dates: 1993 - 1994
Amount: $4,600

Title: Molecular Events in Optic Nerve Growth and Regeneration.
Agency: Research Incentive Award, F.A.U.
Dates: 1995 - 1996
Amount: $1,950

Title: Functional Genomics Program: Acquisition of GeneChip Technology
Agency: Health Resources and Services Administration
Date: 2001 - 2002
Amount: $453,100

GRANTS RECEIVED AS CO-PI

Title: Purchase of Reichardt-Jung 2800E Frigocut cryostat
Agency: NIH 2SO7 05365 BRSG
Dates: 1985
Amount: $16,000
Co-PI with Dr. R. Keane (UMMSM)

Title: Purchase of Packard 4430 Liquid Scintillation Counter.
Agency: NIH 2SO7 05364 BRSG
Dates: 1987
Amount: $17,261
Co-PI with Dr. J. Barrett (UMMSM)

Title: Sleep and Respiratory Variables in a Kitten Model of the Sudden Infant Death Syndrome (SIDS).
Agency: SIDS Alliance
Dates: 1993 - 1995
Amount: $100,000
Co-PI with Dr. R. Vertes (FAU)

Title: Experimental Studies on Physiological Mechanisms of SIDS.
Agency: Health Foundation of South Florida
Dates: 1996 - 1997
Amount: $40,000
Co-PI with Dr. R. Vertes (FAU)

Title: Physiological Indicators of Stress.
Agency: NOAA Coastal Oceans Program
Dates: 1996-1997
Amount: $20,000
Co-PI with Dr's P. Lutz and D. Binninger (FAU)

Title: siRNA and GeneChip based technology in cancer gene discovery
Agency: Center for Excellence in Biomedical and Marine Biotechnology (State of Florida)
Dates: 2003-2005
Amount: $120,000
Co-PI with R. Narayanan (FAU)

CURRENT PROFESSIONAL SOCIETY MEMBERSHIPS

Society for Neuroscience

PAST PROFESSIONAL DEVELOPMENT

- Society for Neuroscience (S*f*N) Annual Meetings - regular attendance since 1989
- Enterprise Development Corporation (EDC) Biotech Annual Conferences, attendance since 2002 (founding organizer)
- Council of Graduate Schools (CGS), Annual Meeting, Washington DC, December 3-6, 2005
- Council for Advancement and Support of Education (CASE) Conference, Dean's and Development Officers, Chicago, March 21-24, 2007
- Council of Colleges of Arts and Sciences (CCAS), Annual Meeting, New Orleans, November 12-14, 2010
- STEM*Florida* Roundtable/Conference, Juno Beach, February 22, 2009
- STEM*Florida:* STEM Business & Education Conference, Lake Buena Vista, July 25-27, 2010
- BioFlorida Conference, Fort Lauderdale, October 24-26, 2010
- Florida Code of Ethics, Sunshine Law and public Records Act training, January 28, 2012; March 8, 2013
- Fundraising Workshops at FAU:
    - Benevon Workshop: Creating Sustainable Funding for Nonprofits, October 10-11, 2006
    - CASE on Campus at FAU: Development for Academic Officers, Ms. Penelope Hunt, June 26, 2012
    - Key Concepts in Successful Fund Raising; Dr. Arthur Criscillis, Alexander Haas Martin and Partners, December 17, 2012
    - Deans, Academic Leaders and Development Officers Workshop III, April 5, 2013
- Child Abuse & Neglect Reporting Requirements, BOG mandated training, April 1, 2013

PREVIOUS COMMUNITY RELATED ACTIVITIES

Member, South Florida Bioscience Consortium (Founding Member) now merged with BioFlorida 2004 – 2011

Member, Panel on discussion 'Challenge of Science Education', South Florida Science Museum, West Palm Beach FL 33405, April 2006

Speaker/Sponsor, Economic Development Council, Boca Raton, April 23, 2007

Speaker, Boca Raton Chamber of Commerce regular meeting, February 16, 2008

Director, Florida Blood Centers, Orlando, Florida, 2008 – 2012

Member, panel discussion with British Consul General-Miami, Kevin McGurgan, OBE, February 9, 2011

Member, Panel on Discussion of Life Sciences Infrastructure in Southeast Florida, Urban Land Institute SE Florida/Caribbean District, April, 2011

Speaker, Northern Palm Beach Chamber of Commerce Annual Education Breakfast, Palm Beach Gardens, April, 2011

Featured article, Palm Beach Post, Local Business: Meet FAU's Dean of Science, June 12, 2011

Speaker at the Max Planck Florida Institute meeting with the Education Committee of the German Bundestag, October 7, 2011

Invited Guest, breakfast meeting with Jeremy Browne MP, British Government Minister for Consular Affairs and Latin America, British Consulate-General in Miami, October 17, 2011

Guest Speaker, Palm Beach Flagler Rotary Club, April 24, 2012

Host for Nobel Symposium Public Lecture – Professor Francoise Barre-Sinoussi (Physiology/Medicine Prize, 2008), April 27, 2012
Guest Visitor, Junior Achievement World, Cypress Creek, FL, April 30, 2012
Host for Frontiers in Science Public Lecture Series, Spring Semester, 2013
Panel Speaker, Palm Beach State College, breakfast meeting with Dr. Pasi Sahlberg, Ministry of Education in Helsinki, Finland, February 7, 2013
Panel Speaker, Business Development Board of Palm Beach County, Education Breakfast, April 9, 2014
Panel Speaker, Memory, Magic, and the Art of Perception, Boca Raton Museum of Art, January 29, 2015

SUMMARY OF ADMINISTRATIVE ACTIVITIES AND ACCOMPLISHMENTS:

As Director, Center for Complex Systems and Brain Sciences and Professor of Neuroscience, 2019-present

- Managed day-to-day operations of the Center for Complex Systems and Brain Sciences.
- Attended numerous administrative meetings: CCSBS Executive Committee, 1-1 meetings with the dean, Dean's Executive Committee, College Assessment Roundtable, College Faculty Assembly, Circle of Chairs, Psychology Faculty Meetings; remotely attended University Faculty Senate, BOT and BOG meetings.
- Participated on Dean's leadership team and monthly and College Executive Committee.
- Completed the Center's Annual Reports to the University and State of Florida.
- Completed State of Florida BOG's 7-Year Institute and Center's Report that highlights the accomplishments of the Center during the prior seven years (2014 – 2021) with a final positive recommendation from the dean and DOR for the Center to continue operating.
- Served as Director of the PhD program in Complex Systems and Brain Sciences.
- Attended meetings *ex officio* with CSBS graduate students and their dissertation committees, since becoming Director have graduated about 2 students per year or 12 PhD students from the Centers PhD program:
    - Amanda Rojas, Asal Nouri, Paul Morris, Michael Teti, Young Seon Shin, Rachel St. Clair, James Alex Clark, Darwin Romulus, Kenton McDowell, James Sullivan, Bryan Conklin and Dimitri Falco.
- Completed the annual progress evaluations for graduate students in the PhD program in CSBS and entered results in PhD assessment database. Submitted learning outcomes for the CSBS PhD program assessment that were accepted and entered the rubric by which student assessment is carried out. We are meeting our learning outcomes for the PhD program in Complex Systems and Brain Science.
- Worked with college academic departments on annual GTA assignments and evaluations.
- Worked with faculty and Brain Institute to implement of new PhD in Neuroscience Fall 2022.
- Worked with college academic departments on faculty annual assignments and evaluations.
- Completed approval process and implementation of Certificate in Neuroeconomics for Fall 2024.
- Completed CCS Strategic Plan, 2025-2030; approved by the dean February 2025.
- Worked with faculty on initiation of interdisciplinary research grant proposals to Federal Agencies such as National Science Foundation (NSF), Department of Defense and Army Research Office.
- Taught Biological Bases of Behavior, PSB 3002 (Av. Hdct. 125-150, Av. SPOT Q6 1.4), Biological Bases of Behavior 2, PSB 4006 (Hdct. 65, SPOT Q6 1.35), DIR Neuroscience and Behavior, PSB 4915 (Av. Hdct. 10-12, no SPOT), & PSB 4917 (Av. Hdct. 2-4, no SPOT).

- Completed 5-year research/analysis on Student Success on PSB 3302 – in preparation for publication Abstract to SfN Annual Meeting, 2025.
- Secured name change to "Center for Complex Systems."
- Initiated Search for New Director of the Center for Complex Systems.

As Provost and Vice President for Academic Affairs (May 2014 – 2018)

- Member FAU Presidents Executive Leadership Team (ELT).
- Member *ex officio,* FAU University Faculty Senate (UFS), Senate Steering Committee, Senate Budget and Planning Committee.
- Member, Florida State University System Council for Academic Vice Presidents (CAVP); Chaired CAVP 2016-2018.
- Member, Florida Board of Governors Task Force for Online Learning, 2014 – 2016.
- Member, Florida Board of Governors Steering Committee for Online Learning, 2016 -2018.
- Oversaw Division Academic Affairs budget ~$350 million annually. Implemented several strategies (mentioned in more detail below) to increase new and existing revenue stream for FAU such as:
    - increased freshman class size
    - increased transfer students
    - increased % of non-resident students (out-of-state and international)
    - implanted contracts with Navitas Inc. on direct-admit international students (revenues from Navitas so far exceed $4.5 million in royalties and fees and expected tuition of greater than $10 million with current pathway cohorts); increased international students to 12% of student body
    - increased Summer and Fall semesters schedule
    - admitted more students to summer, Fall bridge program and Spring semester
    - increased SCH requiring freshman to take 30 SCH
    - explored with College of Business using continuing education program pathway in lieu of "market rate programs"
- Completed FAU Work Plan and Accountability Report annually with AA staff and ELT; submitted to BOT and BOG for approval.
- Visited all academic departments and associated units with the President to meet with FAU's faculty, staff and students to prepare a new strategic plan for FAU through 2025. Worked with President, Executive Leadership Team, colleges and faculty to develop and implement FAU's Strategic Plan 2015-2025 "*A Strategic Plan for the Race to Excellence"* was approved by the BOT on March 2015.
- Responsible for developing and implementing university strategies and procedures to meet Florida Board of Governors 10 Performance Metrics; implemented strategies that took FAU to #1 in State Performance Metrics in 2015.
- The implementation of strategies immediately improved the 10 BOG Performance Metrics. For example, with additional advisors, students close to graduation were contacted and encouraged to graduate to help improve graduation rate (BOG Metric 4), student progression (Metric 5) and students with excess hours were encouraged to consider the BGS degree (BOG Metric 9). Additional strategies also helped improve the metrics, for example the specific implementation of the Master's *en passant* (along the way) that I had developed previously helped improved our score in graduate degrees offered in areas of strategic emphasis (BOG Metric 8). To continue to explore ways to improve our metrics, we formed the SWAT team that met (and continues to meet) weekly to address the BOG performance metrics.

- Implemented Provost's SWAT team that met weekly and was originally formed to sharply focus on the performance metrics and ensure implementation of strategies to improve metrics.
- Implementation various student success initiatives that led to the release of the base operating funds (~$7 million) held by the BOG, as well as increased FAU's BOG performance metric scores that resulted in new performance funds for FAU of bout ~$20 million annually since 2015.
- Implemented individual College SWAT teams and the university (Super) SWAT team with representatives from the colleges, provost office and student affairs that meets monthly to share ideas, successes, problems, strategies and best practices.
- Implemented the Enrollment Management Oversight Committee (EMOC) that met weekly to review enrollment practices and implement best practices. Worked with Broward College and Palm Beach State College regarding students transferring to FAU and institutionalized the LINK program with placement of advisors at BC and PBSC. Implemented Fall Bridge program (Early Start) to admit students for the Spring semester but allows them to take classes and participate in student activities, including housing, and a dedicated LLC in the Fall before official admission into FAU.
- Actively implemented the use of predictive data analytics through Civitas Learning analytics to work with EMOC in analyzing our student data and using predictive analytics to improve student success.
- Eliminated low enrollment programs: reviewed low enrollment/low degree productivity programs consistent with BOG policies on minimal degree productivity. Working with colleges, corrective action plans/follow-ups discussed as well as moving forward with program terminations and "roll-ups."
- Developed "CAPTURE" proposal was one of four statewide grants awarded $2.5 million for two years to develop an innovative and seamless 2+2+1 Computer Science/Technology program designed to produce an additional 400 computer science/technology graduates.
- Expanded Fall Bridge program (Early Start) that admits students for the Spring semester but allow them to take classes and participate in student activities, including housing, and a dedicated LLC in the Fall.
- Implemented JumpStart program to expand summer admission (includes math classes to improve the math readiness of our students).
- Implemented accelerated semesters. The College of Business successfully piloted a "minimester" which was implemented university wide.
- Implemented "Intersession" semesters as part of academic schedule revision to support student success strategies.
- Implemented an oversight committee for the Global Engagement Platform; continue design of Global Engagement Center; admitted more international students that grew to be 12% of student body at FAU.
- Increase out-of-state student enrollment to 15% of the student body.
- Continued to support growth of Undergraduate Research through OURI with over 5000 students currently engaged in undergraduate research. FAU was chosen as one of three recipients nationally for the 2017 Award for Undergraduate Research. Accomplishments (doctoral institution) awarded by the Council on Undergraduate Research.
- University Advising Services and advisors are actively engaging students using Flight Plans/Starfish to keep students on track.
- Introduced with the Graduate College the 3-Minute Thesis (3MT) competition and is one of few such programs in the US at present.
- Elevated use of eLearning through Center for eLearning and currently online classes represents about 28% of FAU's curriculum is online.

- Implemented new class schedule to optimize academic scheduling that was proposed by a faculty/administrator committee after thorough development and vetting for nearly one and a half years with colleges and faculty. This resulted in maximizing use of classrooms throughout the week and improved the availability of classes – Friday became the new "busiest" instructional day!
- Increased "market-rate" programs where appropriate across colleges
- Reviewed Faculty workloads across FAU. Implemented *Interfolio* which is a software package for faculty to create their annual assignment and activity reports as well as annual evaluation and P&T/SPE portfolios digitally. Oversaw the promotion and tenure process annually at FAU
- Met with a faculty committee to develop guidelines for a Sustained Performance Evaluation or Post Tenure Review Policy for FAU.
- A major accomplishment, and a first for FAU, was the conclusion of contract negotiations with the FAU-UFF that resulted in a 3-year Collective Bargaining Agreement with no annual "reopeners" that has continued every three years. Participated in United Faculty of Florida (UFF) consultations.
- Developed and implemented, with Office of Undergraduate Studies and Division of Student Affairs, a broader array of student success initiatives developed by the Task Force on Undergraduate Student. Strategies included hiring additional advisors, purchasing and implementing advising software, implementing "Flight Plans," starting the "Jump Start Program," implementing the Bachelor of General Studies (BGS) degree, and implementing the "Major Knowledge" career advising module through the Career Development Center.
- Made changes in the leadership team in academic affairs as well as to work with the colleges to recruit outstanding faculty. Appointed 12 new deans while Provost after the incumbents had announced they would be stepping down from their positions; appointed Dr. Russell Ivy as Associate Provost for Programs and Assessment; appointed Dr. Michele Hawkins as Associate Provost for Academic Planning and Finance then Vice Provost; worked with deans on national searches and recruiting for Chairs/Directors/Faculty.
- Oversaw and completed contract negotiations and Navitas Inc. to establish 'Navitas at FAU' for recruitment of international students.
- Graduated first class of MD's and attained full accreditation of the Charles E. Schmidt College of Medicine by the LCME.
- Oversaw BOG 7-year Academic Program reviews and SACSOC accreditation including successful accreditation of College of Education (CAEP), College of Engineering and Computer Science (ABET), and College of Medicine (LCME).

As Interim Provost and Chief Academic Officer (August, 2013 – May, 2014)

- Member, Senior Leadership Team; attended weekly meetings; meetings with President
- Reorganization of Provost's Office: Appointed an Assistant Provost for eLearning, Dr. Victoria Brown; an Assistant Provost for Student Success, Dr. Jennifer Peluso; and promoted Mr. James Capp to Assistant Provost for Academic Operations. Assumed responsibility under Provost Office for Office of Information Technology, University Registrar, Enrollment Management, Financial Aid and Division of Research.
- Met with University Faculty Senate (UFS) and with individual College Faculty Assemblies to outline and discuss goals as Interim Provost.
- Appointed Interim Dean Dr. Mohammad Ilyas to a three-year term as Dean, College of Engineering and Computer Science; Interim Dean Dr. Heather Coltman to Dean of Arts and Letters for three years; and Dr. Megan Davis as Interim Director of HBOI.

- Appointed Dr. John Newcomer as Interim Vice President; Appointed Dr. Deborah Floyd as Interim Graduate Dean.
- Established monthly meetings with Deans, Council of Deans, Academic Leadership Team, and weekly meetings of Academic Affairs Operations Group and Provost's Office Staff.
- Worked with Faculty Senate/Faculty, Office of Undergraduate Studies and Division of Student Affairs to initiate a university-wide Task force on Student Success.
- Initiated and approved plans for faculty hiring across all colleges.
- Liaison with Committees on Academic and Student Affairs (CASA) and Strategic Planning (CSP) of the FAU Board of Trustees (BOT); presented at BOT meetings; attended Florida Board of Governors (BOG) meetings; member of the Council of Academic Vice Presidents (CAVP) for SUS institutions.
- Regular meetings and discussion with UFS President Dr. Ron Nyhan: Goals for 2013-14 were embrace shared governance through such activities as joint committees on Student Success, eLearning and working with State Colleges.
- Participated in United Faculty of Florida (UFF) consultations.
- Led a team composed of FAU, Palm Beach State College and Broward College leadership to submit a grant proposal to the BOG TEAM competitive grant program addressing regional GAPs in the workforce. "CAPTURE" proposal was one of four statewide grants awarded $2.5 million for two years to develop an innovative and seamless 2+2+1 Computer Science/Technology program designed to produce an additional 400 computer science/technology graduates.
- Actively participated in hiring process for a new President for Florida Atlantic University (Dr. John Kelly was chosen)
- Completed renegotiation of Collective Bargaining Agreement with United Faculty of Florida.
- Completed an in-unit faculty salary enhancement package that included merit and equity components together with an across-the-board state increase. Final package resulted in an average 5.41% increase for faculty, which was the largest increase in the SUS this year.
- Completed out-of-unit faculty and staff salary enhancements.
- Completed 2013-14 Promotion and Tenure (P&T) process for Tenured/Tenure Track and Non-Tenure Track faculty. Charged University P&T Committee; reviewed P&T portfolios, met individually with all P&T candidates.
- Developed Improvement Plan for 2014-15 for Performance Funding
- Completed Accountability Report for 2013-14 for submission to BOT and to BOG
- Completed FAU Work Plan for 2014-15 for submission to BOT and to BOG

As Dean, Charles E. Schmidt College of Science (2006-2013)

Administrative:

- Completed 7-year program review for Charles E. Schmidt College of Science that was approved by the FAU Board of Trustees in December 2009.
- The College has grown to become the second largest college at FAU and generates the second largest number of fundable annualized FTE.
- Oversaw total budget reduction of about 12% to college operating budget without loss of faculty and maintaining all programs—decrease in budget met through increased efficiencies such as in class scheduling, class size, staff reduction, lapsed positions, expending reserves.
- Member, Science Advisory Board of the Charles E Schmidt College of Science, 2006 – present.
- Member, Design Team for FAU/HBOI Marine Science Building, opened Fall 2006.

- Member, HBOI Master Planning Committee.
- Member, Design Team for Davie West Shared Use Facility (with UF-IFAS), opened Fall, 2010.
- Design and renovation of Science and Engineering Building (SE43) started Spring, 2011.
- Member, Harbor Branch Advisory Committee.
- Chair, Search Committee for Dean, Dorothy F. Schmidt College of Arts and Letters, 2006/07.
- Chair, Search Committee for Vice President for Research, 2007/08.
- Member, FAU Strategic Planning Round Table, 2011
- Instituted College Strategic Planning, Spring 2011 – 2012.
- Award of Honorary Doctorate of Humane Letters to Dr. Michael Turvey (University of Connecticut) at FAU's Commencement on May 6, 2011; and to Dr. Michael Posner (University of Oregon) at FAU's Commencement on December 9, 2011.
- Member (representative of the deans), Search Committee for Dean, College of Engineering and Computer Science, 2012 – 2013)
- Member, Task Force on Student Success, 2013
- Dean during successful SACSCOC reaffirmation process during 2012-2013

Academic Programs:

- Approval of new PhD program in Geosciences, implemented Fall, 2009, met College goal to be a fully "doctoral" college with 7 PhD programs.
- Approval of two Professional Science Master's programs – in Medical Physics and in Biotechnology Business, implemented Fall, 2010.
- Approval of two Graduate Certificate programs—in Neuroscience and in Medical Physics, implemented Fall, 2009.
- Implemented new graduate program with the Max Planck Florida Institute – Integrative Biology and Neuroscience (IBAN), Fall 2010.
- Enrollment increases in science of ~10% per year since 2006.
- Increased degree production: in 2011-12 saw largest graduating class of 838 Baccalaureate degrees, 89 Master's degrees and 40 PhDs. The College now produces the greatest number of PhDs per year at FAU.
- Improved assessment procedures of programs to meet nationally acceptable best practices.
- Decreased DFW rate in College Algebra from 62% in Fall 2006 to 28% in Fall 2011! Achieved through placement test, supplemental instruction, increased periodic testing and increased tutors.
- Hired 28 new tenure-track faculty members.
- Wrote a Business Plan for a Science Initiative on the MacArthur campus of FAU in Jupiter FL. Initiate expansion of neuroscience program/space renovation on Jupiter campus, Spring 2012
- Convener, Biotechnology Signature Theme, FAU Strategic Plan, 2012 – 2013.

Research:

- Signed research and education agreements with Torrey Pines Institute for Molecular Studies (Port St. Lucie, FL), Max Planck Florida Institute (Jupiter, FL), and the Vaccine and Gene Therapy Institute (Port St. Lucie, FL).
- Research funding reached a new high in 2010-11 of ~$15 million (over $8 million expenditures).
- Two of the three Florida Board of Governors New Florida Awards to FAU were awarded to the College – Neuroscience (Drs. R. Murphey and J. Blanks, PIs) and Collaborative Climate Change Task Force (Drs. L. Berry and M. Koch, PIs).

Outreach:

- Begun in 2009, the College hosted the 5th annual Science Olympiad for High School and Middle School Students on February 16th, 2013. Over 550 students participated in science competition.
- Frontiers in Science Public Lecture Series completed its 13th season in Spring 2013
- The College's Lifelong Learning series "Contemporary Topics in Science" was presented on the MacArthur campus of FAU in Jupiter for a third season in Spring 2011.
- Hosted the Nobel Symposium Public Lecture:
  2005 - Professor James Watson, PhD (Physiology/Medicine Prize, 1962)
  2006 - Professor Benoit Mandelbrot, PhD (Harvey Prize, 1989)
  2008 - Professor Gunther Blobel, PhD (Physiology/Medicine Prize, 1999)
  2009 – Professor Bert Sakmann, MD PhD (Physiology/Medicine Prize, 1991)
  2010 - Professor Sir Harold Kroto, FRS (Chemistry Prize, 1996)
  2012 - Professor Franciose Barre-Sinoussi, PhD (Physiology/Medicine Prize, 2008)

Fundraising/Alumni:

- Thanks to the generosity of many individuals, foundations and corporations 2011-12 was a banner fundraising year for the College, with more than $685,190 in cash-gifts and pledges ($422,339) and gifts-in-kind ($262,851) recorded this fiscal year through April 30, 2012. This represents the highest gift amount to the College in more than 14 years.
- Initiated "Science Connect" – an e-Newsletter for Alumni and Friends of the college
- Distinguished Alumni of the College:
  2006 – Dr. Leslie Terry, BA '82, MA '85
  2007 – Dr. Marc J. Phillappon, BA '87
  2008 – Dr. Caula A. Beyl, BS '73
  2009 – Alice P. Hudson, MS '77
  2010 – Anthony J. Hughes, BA '96
  2011 – Michael Wollam, BS '66
  2012 - Dr. Gerard M. Cuomo, BA '80
  2013 – Dr. Donna Chamely-Wiik BS'98 PhD '04
  2013 - Dr. Gene Kinney MA '92 PhD '94 Alumni Hall of Fame at FAU

Professional Development:

- Society for Neuroscience (S*f*N) Annual Meetings - regular attendance since 1989
- Enterprise Development Corporation (EDC) Biotech Annual Conferences, regular attendance since 2002 (founding organizer)
- Council for Advancement and Support of Education (CASE) Conference, Dean's and Development Officers, Chicago, March 21-24, 2007
- Council of Colleges of Arts and Sciences (CCAS), Annual Meeting, New Orleans, November 12-14, 2010
- STEM*Florida* Roundtable/Conference, Juno Beach, February 22, 2009
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- BioFlorida Annual Conferences, regular attendance from 2006 – 2010
- Florida's Code of Ethics, Sunshine Law and Public Records training, January 28, 2012; March 8, 2013.
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- Fundraising Workshops at FAU:
  - Benevon Workshop: Creating Sustainable Funding for Nonprofits, October 10-11, 2006
  - CASE on Campus at FAU: Development for Academic Officers, Ms. Penelope Hunt, June 26, 2012

- Key Concepts in Successful Fund Raising; Dr. Arthur Criscillis, Alexander Haas Martin and Partners, December 17, 2012
- Deans, Academic Leaders and Development Officers Training Workshop III, April 5, 2013

Professional Activities:

- H.F. Krous, E. Hass, A.E. Chadwick, H. Masoumi, C. Stanely and G. W Perry, 2007. Hemoglobin F in Sudden Infant Death Syndrome: A San Diego SIDS/SUDC Research Project Report. Journal of Forensic and Legal Medicine, 14, 456-460
- Mind and Brain (PSY 4390), Summer 2010 (Guest Lecturer for 6 classes)
- Biological Bases of Behavior (PSB 3002), Spring 2011 (Instructor of Record)
- Featured article, Palm Beach Post, Local Business Section see
- Julia Minkiewicz, PhD Candidate, University of Miami Miller School of Medicine February 17, 2013 (External Examiner)

As Interim Dean for Graduate Studies, Florida Atlantic University (2005-2006)

Responsibilities:

- Establish a new Office of Graduate Programs, hired additional staff
- Establish a Graduate Faculty and work with University Senate to establish a Graduate Council
- Establish the appropriate organizational structure and operational procedures necessary to enhance graduate education at FAU.
- Manage graduate admissions, enrollment and progression, financial support, and graduate programs and policies at FAU
- Manage the graduate tuition waiver budget, which was significantly over budget at the time. Develop new criteria for tuition waiver awards; worked with provost staff to bring the tuition waiver budget under control.
- Member of Provost's Advisory Council—brought graduate issues to provost staff meetings for discussion and action
- Member of Council of Deans—represent graduate education on the Council, worked with collegiate deans on graduate programs, issues and problems.
- Member of Provosts Council—represent graduate education on the Council that included deans, vice presidents, and other high-level administrators from across the university

Accomplishments:

- Developed budget for Office of Graduate Programs
- Brought tuition waiver budget under control with specific guidelines developed for the distribution and tracking of tuition waivers.
- Streamlined the graduate application process; successfully implemented an online application process that resulted in a 25% increase in graduate applications.
- Developed programs to recruit minority graduate students from minority institutions.
- Organized retreat for deans and administrators on graduate education at FAU
- Formalized establishment of a University Graduate Faculty. Developed initial criteria for eligibility and membership in the Graduate Faculty.
- Formalized a University Graduate Council (UGC). Developed models for a UGC based on models of Graduate Schools and Governance at other institutions; worked with the University Graduate Programs Committee to develop a model for FAU; presented model and bylaws to
- University Senate for approval requiring constitutional change in the University Senate bylaws recognizing a University Graduate Council as a standing committee of the university Senate.

As Associate then Senior Associate Dean for Graduate Programs and Research, Charles E. Schmidt College of Science (1999-2005)

Responsibilities:

- Creating the Office of Graduate Programs and Research in the Charles E. Schmidt College of Science and defining the new position of Associate Dean for Graduate Studies and Research.
- Develop programs to foster research, especially interdisciplinary research, in the College.
- Develop programs to enhance extramural funding, especially from federal agencies.
- Oversee research compliance (IACUC and IRB)
- Develop Technology Transfer and Intellectual Property guidelines
- Manage a research budget generated from indirect cost returned to the college.
- Manage the graduate tuition waiver budget for college GAs
- Develop and implement new graduate degree programs, especially PhD programs
- Develop graduate policies and procedures, to increase graduate degrees awarded - especially PhDs, graduate admissions and recruitment, graduate stipends and management of the college tuition waivers
- Provide liaison with college graduate students
- Participate with the Dean, Associate Deans and Departments in college budget development

Accomplishments:

- Developed and implemented two new PhD programs (Chemistry, 2000 and Integrative Biology, 2003). Intimately involved in the planning and implementation of each of these programs. Moreover, I previously had been closely involved in the planning and implementation of the PhD program in Complex Systems and Brain Sciences (1995).
- As a result of these efforts, the number of PhD's awarded by the college during my tenure as Associate Dean significantly increased.
- Involved in development and implementation of two new Master's programs - Applied Mathematics and Statistics, 2002 and Biomedical Science, 2004, and two BS/MS programs - Mathematical Sciences, 2001 and Biological Sciences with emphasis in Biotechnology, 2004. The latter program constituted part of a workforce development initiative begun with Workforce Alliance Inc. of Florida and the Workforce Development Board of the Treasure Coast, Florida to retrain IT workers in biotechnology/biosciences, and was funded through a $2.3 million grant from the U.S. Department of Labor.
- Implement each of these above programs, and in gaining approval from the Board of Regents and then Board of Governors for these programs, it was important to develop relationships with outside groups such as the Palm Beach Business Development Board, the Broward Alliance, local businesses and industry advocate groups, such as BioFlorida, all of whom actively supported our goal to implement these new programs. During this time, I made significant contributions to help establish Southeast Florida as the new Life Science hub in the US and was a founding member of the South Florida Bioscience Consortium, now incorporated as part of BioFlorida.
- Established a Student Advisory Committee to the Dean that was comprised of graduate students from science. This committee has brought issues of concern to the Dean's office and helps prevent miscommunication between the students, faculty and the Dean's office. This was extremely well received by the graduate students in science, and further evolved into a proactive group organizing graduate student events and get-togethers in the College and the University. One example of a great success was Graduate Research Day when graduate students would present the results of their research to the college community through poster sessions.

- Working with Dean Nathan Dean, Vice President Larry Lemanski, and Provost Pritchett, raised graduate student stipends across the college to competitive levels.
- Working with University Advancement and our lobbyists in Washington D.C., our college received its first "earmark" appropriation under my guidance (for an Affymetrix GeneChip® machine), and a second earmark was requested for the drugs from the sea project that began development of our relationship with Harbor Branch Oceanographic Institute (HBOI), and eventually funding of a Center of Excellence from the Florida Legislature.
- Sponsored research increased significantly during my tenure as Associate Dean and I was responsible for implementing important policies related to incentivizing sponsored research activity, such as the overhead return policy, buy-out and overload policies in the college. Sponsored research grew from $3.2 million to $8.5 million in external research funding.
- As Associate Dean, responsible for research compliance policies and procedures and acted as the college liaison with such committees as the IACUC, IRB, Hazard & Biosafety, Radiation Safety etc. and indeed helped develop policy in these areas.
- As a member of design team working with the architects and faculty, guided the college's considerable program of construction of new research/science facilities of over $50 million over several years, beginning with the design of the Charles E. Schmidt Biomedical Science Center (opened in 2002), the renovation of the Sanson Life Sciences building (opened in 2003), the Behavioral Sciences building (opened in 2004). Oversight of the design and construction of new science facilities at a cost.
- Member, Design Team for the FAU/Harbor Branch Oceanographic Institute (HBOI) Marine Science Building, opened Fall, 2006. My role was to work with the architects and faculty to conceptualize the design of the building to meet the needs of our interactions with HBOI. Participated in the development of the educational and research agreements with The Scripps Research Institute-Scripps Florida.
- During my time as Associate Dean, together with my colleague Dr. Ram Narayanan, we tried to commercialize several patents held by Narayanan and owned by the university through a biotech start-up company that we started in 1999. Unfortunately, after we began this enterprise, and had signed licensing agreements with FAU, the capital markets collapsed in 2000 and we spent three years unable to raise the necessary capital. Ultimately, we returned the technology to FAU and closed the company. Nonetheless, this was a valuable period for me and I learned a great deal about the biotech business and trying to raise venture capital.

As Acting Associate Dean and Chair for Biomedical programs (1998-1999)

A new Biomedical Sciences Program established after the college received the Schmidt Family Foundation gift of $15 million to start the new program with the University of Miami School of Medicine.

Responsibilities and Accomplishments:

- Establish a new department with office and staff for the new program
- Involved from the beginning of the development of the joint Program for Quality Medical Education with the University of Miami School of Medicine. This involved introducing FAU faculty to the ideas of medical education and working closely with my counterparts at UMSM.
- Participate in the selection of Architects and Construction company and initial design of the Charles E. Schmidt Biomedical Sciences Center
- Begin to recruit faculty and identify and renovate space to accommodate the new program
- Recruited first Schmidt Senior Fellow (Dr. Keith Brew)
- Recruited first junior faculty member (Dr. Kate Guthrie)

- Ran several workshops with faculty re Medical Education
- Worked with counterpart at UMSM (Dr. Janet Canterbury) to develop initial needs and feasibility study for the joint medical program
- Initiated search for the permanent Associate Dean for Biomedical Programs.
- Dr. Dwight Warren, Associate Dean for Medical Curriculum at the University of Southern California recruited as Associate Dean for Biomedical Programs at FAU.

As Acting Director, Center for Complex Systems and Brain Sciences (1997-1998)

Responsibilities:

- Work with dean to manage Center's E&G budget; manage Center's research resources and overhead return funding
- Manage Center's administrative and support staff
- Administer the PhD program in Complex Systems and Brain Sciences; 25 graduate students
- Schedule courses for PhD program; work with academic department chairs and dean on Center faculty assignments in undergraduate and graduate programs
- Work with 12 Center faculty members on grant funding; oversee NIMH Training Grant
- Organize and run the Center's seminar and pro-seminar programs