

**GARY WILLIAM PERRY**  
**Professor of Neuroscience**

**BIOSKETCH**

Dr. Gary W. Perry is currently Professor of Neuroscience in the Charles E. Schmidt College of Science after serving as Provost and Vice President for Academic Affairs at Florida Atlantic University from May 1, 2014 through June 30, 2018. In this latter role he served as the 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 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. 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.

Dr. 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 a tenured Professor of Neuroscience. He is also jointly appointed in the Department of Biological Sciences and the Charles E. Schmidt College of Medicine; and a member of the Center for Molecular Biology and Biotechnology.

Dr. Perry served as Interim Provost and Chief Academic Officer from August 26, 2013 until April 30, 2014, prior to his appointment as Provost. During this time he was responsible for reorganizing the Office of the Provost and the development of plans to address student success at FAU.

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 Office 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 currently graduates 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 ~\$8-10 million in annual research expenditures.

Previously, Dr. Perry has served as Dean for Graduate Studies (Interim) at FAU (2005-2006). In this role, he provided leadership in establishing the appropriate organizational structure and operational procedures necessary to enhance graduate education. 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; he had oversight of the design and construction of new science facilities at a cost of over \$50 million (which he has 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 for the Biomedical Science 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 this 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 collaborator Dr. Ramaswamy Narayanan, “spun out” FAU’s first biotech start-up, Forseti Biosciences, Inc, based on FAU-patented technology that had identified a “pair of genes” with diagnostic and therapeutic utility in solid tumors.

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 most recently the joint graduate PhD program in Integrative Biology and Neuroscience with 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 have 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 research funding, principally from the NIH. He has served on national review panels of the NIH and the NSF, and has reviewed 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 to online education.

Dr. Perry received his primary and secondary education at Purford Green and Brays Grove Schools 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 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: Charles E. Schmidt College of Science  
Florida Atlantic University  
777 Glades Road  
Boca Raton, FL 33431  
Email: [perryg@fau.edu](mailto:perryg@fau.edu)  
Webpage: <http://www.ccs.fau.edu/~perry>

**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**

2014-2018 Provost and Vice President for Academic Affairs, FAU, Boca Raton FL 33431

2013-2014 Interim Provost and Chief Academic Officer, FAU

2006-2013 Dean, Charles E. Schmidt College of Science, FAU

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-present 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 - 2018  
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 - present  
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

### **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

### **RESEARCH INTERESTS**

Molecular and cellular mechanisms regulating neural growth, neuron regeneration, neuroplasticity and neo-plasticity; SIDS

Educational Neuroscience: Brain-Based Learning

### **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. McGuinness, 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 <sup>35</sup>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 for 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. Binnering (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)

**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 I" PSB 3002 1993 - present, FAU

Lecture course - "Biological Bases of Behavior, II" PSB 4004 1996 - present, FAU

Lecture course – "Mind and Brain" PSY 4930 Summer 2010, FAU

**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 Bregar (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

**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

**CURRENT PROFESSIONAL SOCIETY MEMBERSHIPS**

Society for Neuroscience  
International Brain Research Organization

**PROFESSIONAL DEVELOPMENT**

- Society for Neuroscience (SfN) Annual Meetings - regular attendance since 1989
- Enterprise Development Corporation (EDC) Biotech Annual Conferences, regular 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
- Bio*Florida* 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

**RECENT COMMUNITY RELATED ACTIVITIES**

Member, South Florida Bioscience Consortium (Founding Member) now merged with Bio*Florida* 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 Section see

<http://www.palmbeachpost.com/money/monday-meeting-faus-dean-of-the-college-of-1098110.html>

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

Participant, Palm Beach County Legislative Delegation meeting at FAU Jupiter, October 15, 2015