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 the Department of Psychology, where he is currently a tenured full Professor of Neuroscience. Following 25 years as a faculty-administrator, Dr. Perry returned to full-time faculty in 2019 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. Until recently (October 2025), Dr. Perry served as the Director of the Center for Complex Systems at FAU and continues as Director of the PhD program in Complex Systems and Brain Sciences.

Dr. Perry served as Provost and Vice President for Academic Affairs at FAU from May 1, 2014, through June 30, 2018. In this role he served as FAU's Chief Academic Officer and led 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. As provost, Dr. Perry also provided the academic lead for FAU's 2015-2025 "*A Strategic Plan for the Race to Excellence."* From June 2016 - 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 garnering an additional $20 million annually in performance funding. In 2017, FAU achieved HSI status. In 2018, FAU was named among top universities for Diversity and Social Mobility.

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 appointment 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 $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; 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 also served as 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 the 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, with his long-term friend and collaborator Dr. Ramaswamy Narayanan, he "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 was the 2025 Schmidt College of Science "Distinguished Teacher of the Year" nominee and received the 2025 "Degree of Difference Award" from the FAU National Alumni Association. He has published numerous articles in his area of research interest that includes the 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-NEI and the NSF and has reviewed 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 respectively 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 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 (1978-1984 & 1984-1989) before joining the faculty at FAU in 1989.

CONTACT INFORMATION

Address: Center for Complex Systems
& Department of Psychology
Charles E. Schmidt College of Science
Florida Atlantic University
777 Glades Road, Boca
Raton, FL 33431
Email: perryg@fau.edu

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

2025-present Professor of Neuroscience, Center for Complex Systems & Department of Psychology
2019-2025 Professor of Neuroscience and Director, Center for Complex Systems & Brain Sciences
2018-2019 Professor of Neuroscience; on administrative leave
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 o f 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, NY
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

INSTITUTIONAL & PROFESSIONAL RESPONSIBILITIES

Department/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
Director/Acting Director, Center for Complex Systems and Bran Sciences, FAU, 2019-2025
Chair, Committee on BS in Neuroscience and Behavior, 2026-present

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, FAU Task Force on Student Success, 2013
Interim Provost/Provost, Florida Atlantic University, 2013-2019
Member, Dean's Executive Committee, Charles E. Schmidt College of Science, FAU, 2019-2025

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

Reviewed manuscripts submitted to: Science, Nature, Journal of Neurochemistry, Brain Research, Neuroscience Letters, Neurochemical Research, Journal of Neuroscience, Journal of Neuroscience, Journal of Comparative Physiology, Molecular and Cellular Neurosciences, Journal of Neurobiology, PNAS.

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 2004 - 2006
Lecture course - Neuroscience and Behavioral Science module: neurophysiology lectures, FAU/UMMSM partnership 2004 – 2006
Proseminar in Complex Systems Research ISC 6937 2019-2022
Lecture course – "Mind and Brain" PSY 4930 Summer 2010, FAU
Lecture course - "Biological Bases of Behavior 1" PSB 3002 1993 - present, FAU
Lecture course - "Biological Bases of Behavior, 2" PSB 4006 1996 - present, FAU
Directed Independent Research – Neuroscience and Behavior PSB 4915 & PSB 4917 2021-present
Honors Thesis – Psychology PSY 4970 2022 - 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) 2013-2015 (member) FAU

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
Jannah Mohammad, 2024 FAU
Aishani Kalluri, 2024
David Alcarez, 2025 FAU
Bella McCartney 2025 FAU
Hannaly Al Twal, 2026 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
Distinguished Teacher of the Year, Schmidt College of Science 2025
Degree of Difference Award 2025, FAU National Alumni Association

UNIVERSITY RECOGITION (See Appendix A)

Division of Student Affairs Recognition, 2018
FAU Board of Trustees Resolution, 2018
University Faculty Senate Resolution, 2018
Florida Atlantic University National Alumni Association, "Degree of Difference Award" 2025

RESEARCH INTERESTS

Research in best practices engaging undergraduates in research.
Educational Neuroscience: Brain-Based Learning in Education – for example, use of Other Educational Resources (OER) in teaching.
Molecular and cellular mechanisms regulating neural growth, neuron regeneration, neuroplasticity and neo-plasticity; SIDS

UNDERGRADUATE RESEARCH PROJECTS (Directed Independent Research, PSB 4915/17)

Term Research Papers (*Titles* & Author); Poster Presentations shown in parenthesis:

Fall 2022

The Etiology, Treatment, and Effects of Depression, Elenor Boshes (abstract/poster presented at OURI Undergraduate Research Symposium, Spring 2023 with Dr. Gary W. Perry, Faculty Advisor)

Spring 2023

Effects of Modern Technology on the Human Nervous System, Adja Seitaj

Fall 2023

Treating and Researching Amyotrophic Lateral Sclerosis, Deliah Penate, (abstract/poster presented at OURI Undergraduate Research Symposium, Spring 2024 with Dr. Gary W. Perry Faculty Advisor)
Unravelling the Complexity of PD: A Comprehensive Review on the Neuropsychiatry of Parkinson's Disease, Sebastian A. Garcia
The Connection between Sleep and Learning, Mohammad Usman Jadoon
Victory Comes at a Price: Neurodegenerative Consequences of Head injuries in Athletics, Tiziana Barrios
Stop the Stigma: A Look at Obsessive-Compulsive Disorder and Its related Disorders, Nataly Santiago

Spring 2024

Assessing Dementia Risks in Trigeminal Neuralgia, Jannah Mohammad (abstract/poster presented at the College of Science Undergraduate Symposium Fall 2024 and OURI Undergraduate Research Symposium, Spring 2024 with Dr. Gary W. Perry Faculty Advisor)
The Mechanism of Parkinson's Disease, Ella Putigna
The Effect of COVID-19 and Long-COVID on the Brain and Nervous System, Sonia N. Davila
The Connection Between Down's Syndrome and Alzheimer's Disease, Angela Gammage and Zorah Thomas
Neuroplasticity: Does "Exercising the Brain with Ganes Truly Work? Christian X. Sanchez
The Molecular Basis of Substance Abuse and Its Implications on Neuroplasticity, Crystal Udo
A New Era of Drugs: Psychedelic-Assisted Therapy, Mickerlange Guerrelus

Fall 2024

Male Loneliness and Pornography: A Little-known Problem with Major Implications, Brenden Sestito (oral presentation at the Broward Undergraduate Research Symposium, Fall 2024 with Dr. Gary W. Perry Faculty Advisor)
Innovations in Alzheimer's Treatment: A Revolution in Pathological Theories, Rebecca H. Goodman (abstract/poster, presented at the College of Science Undergraduate Symposium Fall 2024 with Dr. Gary W. Perry Faculty Advisor)
The neuroscience Basis of Placebo Analgesia: Its Origins and Impacts, Caden Watts (abstract/poster presented at the OURI Undergraduate Research Symposium, Spring 2025 with Dr. Gary W. Perry Faculty Advisor)
Phantom Limb Pain: Mechanisms and Treatment in the Central and Peripheral Nervous Systems, Jamya Bradley (abstract/poster presented at the OURI Undergraduate Research Symposium, Spring 2025 with Dr. Gary W. Perry Faculty Advisor)
An Investigation into Parkinson's Disease: Implications of Oxidative Stress and Alpha Synuclein Protein Aggregation, Jalen Velasquez (abstract/poster presented at the OURI Undergraduate Research Symposium, Spring 2025 with Dr. Gary W. Perry Faculty Advisor)
From Ancient Ayurveda to Modern-Day Alternative Medicine and the Efficacy of Ashwagandha (Withania somnifera) as an Anxiolytic Agent: *A Comprehensive Literature Review*, Aashani Kelluri
Trigeminal Neuralgia Treatments, Jannah Mohammad
AI Simulation of Neural Dynamics, Lindsey Knowles
Are Psilocybins an Effective Therapy to Address Mental Disease, Aayushi Kini

Spring 2025

Bilingual Aphasia recovery: Role of Linguistic Similarity and Cognitive Reserve in language rehabilitation, Raquel Dyer (abstract/poster presented at the OURI Undergraduate Research Symposium, Spring 2025 with Dr. Gary W. Perry Faculty Advisor and based on ideas inspired by Dr. Monica Rosselli)
Re-evaluating the Amyloid Hypothesis of Alzheimer's Disease, Rebecca Goodman (abstract/poster presented at the OURI Undergraduate Research Symposium, Spring 2025 with Dr. Gary W. Perry as Faculty Advisor)
Amygdala Response to Different Auditory Frequencies, Vivien Babarykina
Psilocybin-Assisted Therapy for Major Depressive Disorder: Efficacy, Mechanisms and Implications, Carolina Barcelos
Autism Spectrum Disorder: Causes and Other Research, Sydney Brown
Sleep Cycle and Its Effect on Mental Health, Miloura Jeudy
The Role of Exercise in Promoting Brain Health, Cognitive Performance and Mental Well-being Across Diverse Populations, Jean Pierre
Neurobiological Recovery from Substance Abuse, Abigail Puterbaugh
How Does Myelin Degeneration Contribute to the Cause of Alzheimer's Disease and Cognitive Decline? Zhaira Rodriguez

Fall 2025

Exercise Effect on the Brain, Kelsy Caswell
How music modulates timing, dopamine and behavior in ADHD: A mechanistic review, Trent Coleman
The Chronic and Latent Neurological Effects of Toxoplasma gondi, Natalia Delince
The Gut-Brain Axis and OCD: Evaluating Microbiome Interventions for Symptom Reduction, Kennedy Dryden
Propanolol and Its Effects on Traumatic Brain Injury, Suzanna F. Lucas
Lifestyle Interventions for Treating MDD, Lily McMullen
The Evolution and Architecture of Empathy, Aien Serrano
Implications of Neurological implants Through Meta-Analysis, Jason Talbert
Psilocybin-Assisted Therapy for Major Depressive Disorder (abstract/poster presented at Science Social Fall 2025 with Dr. Gary W. Perry as Faculty Advisor)
Understanding Bipolar Disorder, Quiyanna Fanfan (abstract/poster presented at Science Social Fall 2025 with Dr. Gary W. Perry as Faculty Advisor)
The Role of the Gut-Brain Axis in Alzheimer's Disease, Rebecca Goodman (abstract/poster presented at Science Social Fall 2025 with Dr. Gary W. Perry as Faculty Advisor)
Recent Research in Autism, Sydney Brown (abstract/poster presented at Science Social Fall 2025 with Dr. Gary W. Perry as Faculty Advisor)
Relationship Between Sleep Cycle and Depression, Miloura Jeudy (abstract/poster presented at Science Social Fall 2025 with Dr. Gary W. Perry as Faculty Advisor)

Spring 2026

Neural Circuitry, Cognitive Processes, and Treatment Approaches in Obsessive–Compulsive Disorder, Jacob Blecker
Brain Adaptations to Language: The Influence of Multilingualism, Staley Bretoux
Inside the Dreaming Brain: The Neuroscience of Frequency, Function, and Lucid Dreams, Kristyn Cusma
The Gut-Brain Axis and OCD: Evaluating Microbiome Interventions for Symptom Reduction, Kennedy Dryden
How Does Pornography Affect the Brain of Adolescents, Nathania Isvaran

Environmental and Epigenetic Influences in Autism Spectrum Disorder: Evaluating Early-Life Exposures, Bella McCartney
The Role of Excitation/Inhibition Neurotransmitter Imbalances in Autism Spectrum Disorder, Lauren Maier
Potential Novel Approaches to Early Alzheimer's Diagnosis: Brain Organoids and Artificial Intelligence, Sophie Pharand-Dias
The Gut Microbiome and Childhood Brain Development, Farhana Rafi
Understanding Schizophrenia: Brain Connectivity, Neurotransmitter Systems, and Future Treatment, Alana Semashko
Maturation of the Moral Brain, Elizsandra Silva
The Effect of Non-Optimal Preterm Birth on the Brain and Motor Development, Sarah Silveira
Can the Contextual Processing Model of PTSD Explain Distortions in Time Perception, Yashika Venu
Latent Toxoplasma gondii Infection: Neurochemical, Neuroinflammatory and Behavioral Consequences, Natalia Delince
Potential Novel Approaches to Early Alzheimer's Diagnosis: Brain Organoids and Artificial Intelligence, Sophie Pharand-Dias
Can the Contextual Processing Model of PTSD Explain Distortions in Time Perception, Yashika Venu
Exercise Induced Modulation of Brain Networks in MDD, Lily McMullen (abstract/[poster presented at the OURI Undergraduate Research Symposium, Spring 2026 with Dr. Gary W. Perry as Faculty Advisor)
The Primate Architecture of Empathy, Aien Serrano (abstract/poster presented at the OURI Undergraduate Research Symposium, Spring 2026 with Dr. Gary W. Perry as Faculty Advisor) Won First Prize!
Current Implications of Neurosurgical Implants, Jason Talbert (abstract/poster presented at the OURI Undergraduate Research Symposium, Spring 2026 with Dr. Gary W. Perry as Faculty Advisor)
Early Acetaminophen Exposure and Autism: Mechanistic Insights, Bella McCartney (abstract/poster presented at the OURI Undergraduate Research Symposium, Spring 2026 with Dr. Gary W. Perry as Faculty Advisor)
The Chronic and Latent neurological Effect of Toxoplasma gondii, Natalia Delince, (abstract/poster presented at the OURI Undergraduate Research Symposium, Spring 2026 with Dr. Gary W. Perry as Faculty Advisor)
Brain Adaptations to Language: The Influence of Multilingualism, Staley Bretoux, (abstract/poster presented at the OURI Undergraduate Research Symposium, Spring 2026 with Dr. Gary W. Perry as Faculty Advisor)
Propranolol and Its Effects on Traumatic Brain Injury, Suzanna Lucas, (abstract/poster presented at the OURI Undergraduate Research Symposium, Spring 2026 with Dr. Gary W. Perry as Faculty Advisor)
Rewiring Limbic–Cortical Dysregulation in Major Depressive Disorder: Exercise-Based Neuroplasticity as a Targeted Adjunctive Intervention, Lily McMullen

Fall 2026

Headcount enrolled for Fall 2026 is 23 students

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 inmature 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

G.W. Perry, 2025. Are there specific predictors of student success in introductory neuroscience courses? Society for Neuroscience Abstracts 51: TKP03.04SA

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

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, 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, 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
- Essential Personnel Training, FAU, July 6, 2021 & December 2, 2022
- Supervisor Essential Personnel Training, FAU, June 7, 2023
- FAU University Cybersecurity Awareness Training, 2025
- FAU Title IX Training, 2025

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
Testimony before Palm Beach County Commissioners in support of Torrey Pines Institute, 2009
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
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
Oversight of Osher Lifelong Learning Institute (OLLI) at FAU, 2013-2018
Presentations to Palm Beach Business Development Board (various) 2013-2018 Presentation to Boca Raton Chamber of Commerce (various) 2013-2018
Member on Florida Atlantic University Research Corporation Board, 2013-2018

SUMMARY OF ADMINISTRATIVE ACTIVITIES AND ACCOMPLISHMENTS:

As Director, Center for Complex Systems (2019-2025)

- Managed day-to-day operations of the Center for Complex Systems and Brain Sciences and PhD program with assistance from Assistant Director Keyla Thamsten.
- 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 S*f*N Annual Meeting, 2025.
- Secured name change to "Center for Complex Systems."
- Initiated Search for New Director of the Center for Complex Systems, chaired by Nancy Jones.

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.
- Member on Florida Atlantic University Research Corporation Board, 2013-2018.
- 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)
    - implemented contracts with Navitas Inc. on direct-admit international students (revenues in2016 from Navitas exceeded $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 and Academic Leadership Teams, colleges and faculty and 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. Developed the concept of pillars and platforms.
- Responsible with AA staff 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. In 2017 achieved HSI status.
- 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 and implemented "CAPTURE" proposal in 2015 which was one of four statewide grants awarded $2.5 million for two years to develop an innovative 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 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 "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 monthly consultations with faculty union - FAU chapter of United Faculty of Florida (UFF).
- 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. Diane Alperin as Vice Provost, 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 and Faculty.
- Oversaw and completed contract negotiations and Navitas Inc. to establish 'Navitas at FAU' for recruitment of international students – significantly increased international student numbers.
- 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 5-year (mid) SACSOC accreditation including successful accreditation of College of Education (CAEP), College of Engineering and Computer Science (ABET), and College of Medicine (LCME).
- In 2018, FAU named among top universities for Diversity and Social Mobility.
- Recognized by FAU University Faculty Senate Resolution
- Recognized by FAU Board of Trustees Resolution

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 for Research, 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 – 2014.
- 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/Management 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.
- Implemented "Master Teacher Program" 2007/08 (later adopted by the University).
- Implemented non-tenure tract career ladder for Instructors tied to length of contract 2008 (later adopted by the University).
- 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 (Undergraduate Research as QEP launched)
- Liaison with Max Planck Florida Institute for Neuroscience; worked on joint graduate programs; worked on site location for MPFIN building

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, by Associate Dean Ingrid Johanson, the College hosted the 5th annual Science Olympiad for High School and Middle School Students on February 16th, 2013. Over 550 students participated in the science competition.
- Hosted Frontiers in Science Public Lecture Series
- 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 Series:
  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
- Hosted 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, 2010
- STEM*Florida* Roundtable/Conference, Juno Beach, February 22, 2009
- STEM*Florida:* STEM Business & Education Conference, Lake Buena Vista, July 25-27, 2010
- BioFlorida Annual Conferences, regular attendance from 2006 – 2010
- Florida's Code of Ethics, Sunshine Law and Public Records training, 2012 & 2013.
- Child Abuse & Neglect Reporting Requirements, BOG mandated training, April 1, 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 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
- 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
- Participate with the Dean, Associate Deans and Departments in college budget development
- Provide liaison with college graduate students
- Provide Liaison with HBOI; member of design team for HBOI Marine Sciences Building
- Provide college and university liaison with Scripp's Florida

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 ($10 million).
- 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 (matched by Florida State with $15 million) to start the new program with the University of Miami School of Medicine.

Responsibilities and Accomplishments:

- Establish a new department of Biomedical Sciences 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.
- Recruited Dr. Dwight Warren, Associate Dean for Medical Curriculum at the University of Southern California as Associate Dean for Biomedical Programs at FAU

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

Responsibilities and accomplishments:

- 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

APPENDIX A

FAU Board of Trustees RESOLUTION
FAU University Faculty Senate RESOLUTION
FAU Division of Student Affairs Special Recognition
FAU National Alumni Association "Degree of Difference Award"

See attached documents

RESOLUTION

WHEREAS, Dr. Gary Perry served with dedication, energy, and effectiveness as Provost and Vice President for Academic Affairs from May 2014 through June 2018, leading Florida Atlantic University to improve its standing in the state performance funding model, rocketing the university to the top of the rankings and sustaining our success; and

WHEREAS, over nearly three decades, Dr. Gary Perry provided leadership and vision for Florida Atlantic University, serving as Interim Provost; Dean of the Charles E. Schmidt College of Science; Interim Dean for Graduate Studies; Acting Director of the Center for Complex Systems and Brain Sciences; and Chair of the Biomedical Science program, among many other notable positions; and

WHEREAS, in his various leadership positions, Dr. Gary Perry helped Florida Atlantic University attain several important accomplishments, including developing the biomedical sciences program that became the Charles E. Schmidt College of Medicine; establishing the University Graduate Council and University Graduate Faculty; and bringing to fruition the vision for a STEM campus in Jupiter, which is now a thriving life sciences research hub and home to important Florida Atlantic University cooperative agreements with The Scripps Research Institute - Florida and the Max Planck Florida Institute for Neuroscience; and

WHEREAS, Dr. Gary Perry has consistently demonstrated his wholehearted commitment to transforming FAU into the nation's fastest improving university;

NOW THEREFORE BE IT RESOLVED that the Florida Atlantic University Board of Trustees extends sincere thanks to Dr. Gary Perry for his dedication, diligence, and effectiveness as Provost and Vice President for Academic Affairs, commends him for rendering services of great value to Florida Atlantic University, and offers heartfelt best wishes to him as he continues to pursue his highest personal and professional goals.

FLORIDA ATLANTIC UNIVERSITY · EST. 1961 ·

Signed this 21st day of August, 2018

Anthony K. G. Barbar, Chair
FAU Board of Trustees

RESOLUTION

WHEREAS, Dr. Gary Perry has been a dedicated member of the faculty at Florida Atlantic University since 1989, significantly advancing the institution's mission to pursue excellence in research, teaching, and service to the university and its many constituencies; and

WHEREAS, during his more than quarter century of service to FAU, he has provided valuable leadership to his colleagues in his capacities as Director of the Center for Complex Systems and Brain Sciences, Associate Dean and Chair for the Biomedical Science program, Associate Dean for Research and Graduate Studies in the College of Science, Dean for Graduate Studies, Provost and Vice President for Academic Affairs and Chief Academic Officer of the university; and

WHEREAS, Dr. Gary Perry, an exceptional collaborator with the faculty, has steadfastly and graciously advised and supported the faculty in matters of academic programs, personnel, and various administrative policies, processes, and procedures; and

WHEREAS, Dr. Gary Perry has consistently upheld the highest academic and professional standards in carrying out his responsibilities as a faculty member and administrator;

NOW THEREFORE BE IT RESOLVED that the Florida Atlantic University Faculty Senate extends sincere thanks to Dr. Gary Perry upon the conclusion of his work as Provost and commends him for rendering services of great value to students, faculty, staff, and community members.

Signed this 30th day of April, 2018

Kevin Wagner, J.D., Ph.D.
President, University Faculty Senate

FLORIDA ATLANTIC UNIVERSITY

DIVISION OF STUDENT AFFAIRS

"We Are All About Students!"

Divisional Special Recognition

Presented to

Dr. Gary W. Perry

Provost & Vice President for Academic Affairs

For outstanding commitment and dedication to the academic success of the students at Florida Atlantic University. Dr. Perry has demonstrated the qualities of "unbridled ambition" by ensuring that Academic Affairs and Student Affairs work collaboratively in providing programs, services, and events that speaks directly to our preserving and enhancing the academic experience. Dr. Perry has embodied our divisional goal to "deepen the integration of Student and Academic Affairs to enhance the student experience and contribute to academic success." Thus, on this day the Division of Student Affairs establishes the ***Dr. Gary W. Perry Academic Partnership Award*** Presented annually, this award will go to a program that exemplified impactful collaboration of Student and Academic Affair during the year.

Given this 24th day of April, 2018

Dr. Corey A. King

Vice President for Student Affairs

FLORIDA ATLANTIC UNIVERSITY

presents this

Certificate of Recognition

to

Gary Perry

Alumni Degree of Difference Award

FAU Alumni Association

2025

Adam Hasner
President

Russ Ivy, Ph.D.
Interim Provost and Vice President for Academic Affairs