

FAU

FLORIDA ATLANTIC UNIVERSITY

Boca Raton, Florida

Dean, Charles E. Schmidt College of Science Leadership Profile



WITT / KIEFFER
Leaders Connecting Leaders

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This leadership profile is intended to provide information about Florida Atlantic University and the position of Dean, Charles E. Schmidt College of Science. It is designed to assist qualified individuals in assessing their interest in this position.

The Opportunity

Florida Atlantic University, a public research and doctoral-degree granting institution, seeks a dynamic and visionary leader with an established record of academic and administrative accomplishments for the Charles E. Schmidt College of Science. The incoming Dean will have unique opportunities to lead innovative interdisciplinary research and education programs within the College. The ideal candidate will have an excellent background in research and attracting external funding, and demonstrated administrative capacities to: develop a broad vision for academic excellence; lead strategic planning and budgeting for the College; support and develop research efforts, especially inter-collegiate and multi-institutional initiatives; attract, mentor, and retain an excellent faculty; and represent the College energetically to internal and external constituencies, including pursuing philanthropic development.

The University has facilities on six modern campuses stretching along 100 miles of the Atlantic coast of south Florida. Its location offers unique research opportunities for the College in marine and environmental science with local partners in the USGS, Everglades National Park, and FAU's Harbor Branch Oceanographic Institute. The College also has unique opportunities to cultivate research relationships and identify areas for broader research collaborations with local partners, Scripps Florida and the Max Planck Florida Institute. The College will play a vital role as the University implements its new strategic plan, [A Race to Excellence](#), designed to support its aspiration to become the country's fastest-improving public research university, and strengthen its national and international profile both in research and in community engagement.

The College comprises the departments of Biological Sciences, Chemistry and Biochemistry, Geosciences, Mathematical Sciences, Physics, and Psychology. Its 145 faculty offer 15 baccalaureate degree programs, 15 master's degree programs, and 6 Ph.D. programs to over 5,100 undergraduate and 419 graduate students. It's Center for Complex Systems and Brain Sciences offers an additional, interdisciplinary Ph.D. program. The College's other research centers of excellence include the Center for Biomedical and Materials Physics, the Center for Cryptology and Information Security (designated as a National Center of Academic Excellence in Information Assurance/Cyber Defense Research by NSA/DHS), the Center for Geo-Information Science, the Center for Molecular Biology and Biotechnology, and the Florida Center for Environmental Studies. The College is actively engaged in the University's Distinction Through Discovery program, which emphasizes undergraduate mentoring and participation in research and inquiry. For additional information about the College, please visit <http://www.science.fau.edu>.

Florida Atlantic University was founded in 1964, and today serves the most diverse student body among the public institutions in Florida's State University System. It is fully accredited by the Southern Association of Colleges and Schools Commission on Colleges. FAU has grown to include 10 colleges that offer its 30,000 students more than 170 undergraduate and graduate degree programs. For additional information about the University, please visit <http://www.fau.edu/explore/>.

The Role of the Dean, Charles E. Schmidt College of Science

Reporting to the Provost/Chief Academic Officer, the Dean is the chief executive officer of the College and is responsible for the effective execution of its academic mission. The new Dean, working with the President, Provost, and other Deans, will be the leading architect to enhance the current structure of the College. An organizational chart for the university can be found at http://www.fau.edu/provost/files/aa_org_chart.pdf.

Reporting to the Dean, the College executive committee includes Chairs for the departments of Biological Sciences, Chemistry and Biochemistry, Geosciences, Mathematical Sciences, Physics, and Psychology, as well as Senior Associate Dean for Student Affairs, Associate Deans for Graduate Studies, Research and Partnership Initiatives, Student Services, Center Directors, and Dean's Office Business Manager, Communications Coordinator, and Director of Information Technology. The Charles E. Schmidt College of Science executive committee leadership team can be found at <http://www.science.fau.edu/leadership.php>.

The Dean will lead the expansion of cutting-edge interdisciplinary research and professional program areas and will foster collaboration among science, education, and industry. A commitment to supporting innovation and interdisciplinary areas is essential, as is a record of valuing instructional excellence at all levels and supporting faculty and student research at both the graduate and undergraduate level.

The Dean will play a leading role in propelling the College to become a prominent, nationally recognized and world class institution and will advance research, scholarly and creative activity within the College, in keeping with institutional initiatives and resources.

Among the responsibilities and duties of the new Dean are to:

- Promote the mission of the Charles E. Schmidt College of Science
- Align the College of Science with FAU's 2025 strategic plan, The Race to Excellence
- Provide the highest possible quality educational experience for undergraduate, graduate and post-doctoral training
- Encourage and nurture collaborative and interdisciplinary relationships with other colleges and schools within FAU, as well as other institutions and community partners
- Cultivate and support significant growth in the research mission of the College
- Lead and materially participate in building relationships with donors, alumni, and other constituencies in the interest of fund raising and philanthropic initiatives
- Represent the College to all of its constituents, including government agencies

- Build upon an already strong morale and positive esprit de corps among the faculty, staff and student body
- Encourage and support faculty in their pursuit of teaching excellence



Opportunities and Expectations for Leadership



STRATEGIC PLANNING

The University's new strategic plan, [The Race to Excellence](#), builds upon the University's prior plan and continues to focus on developing a culture of student success and excellence in research and inquiry. In particular, the plan outlines areas of focus to guide institutional goal setting, resource allocation, and action plans:

- Four Pillars define institutional programs focused on creating knowledge that benefits society: Healthy Aging; Neuroscience; Ocean Science and Engineering/Environmental Sciences; and Sensing and Smart Systems.
- Nine Platforms represent scholarly activities that apply to and support all Pillars: Big Data Analytics; Community Engagement and Economic Development; Diversity; Global Perspectives and Participation; Healthy and Environmentally Sustainable Campus; Leadership, Innovation and Entrepreneurship; Peace, Justice, and Human Rights; South Florida Culture; and Undergraduate Research and Inquiry.

These cross- and interdisciplinary pillars and platforms provide multi-dimensional connections among the University's colleges and units and will require a new way of leading and doing business. In other words, the Strategic Plan can only be achieved through collective, strategic alignment among colleges and units because resource allocations across the University will be tied to the plan's priorities. The Pillars and Platforms rely substantially on the participation, support, and leadership of the College of Science.

PERFORMANCE IMPROVEMENT

Embedded in the Strategic Plan are the State University System of Florida's Board of Governors performance metrics. The second largest college at FAU, the College of Science, attracts some of the institution's strongest students and faculty and has the potential to grow its already significant success in research funding. Thus, the College's contributions to, and leadership in, meeting or exceeding the performance metrics are crucial to the University's overall success. Continuous improvement in persistence and graduation rates and external funding is essential for the University to demonstrate success and increase funding from the State.

GROWTH

Existing high demand for majors in the College is expected to continue and to fuel enrollment growth. At the same time, resource and budget constraints have challenged the College to maintain faculty-student ratios within the existing departmental structure that are typical of research intensive institutions. In addition, the University seeks to more than double its research funding. Thus, more capacity is needed, particularly in the College of Science, to meet demand in emerging areas, introduce new and innovative approaches to teaching and learning, and to build on its historic strengths. Funding support for the strategic plan will provide an immediate opportunity to affect targeted faculty hires aligned with the strategic plan's pillars and in collaboration with multiple departments and colleges. In addition, anticipated retirements as well as new lines created through performance funding will enable the College to retain and grow outstanding faculty.

ORGANIZATIONAL LEADERSHIP

The College of Science is one of the more complex colleges on the FAU Campus by virtue of its widely distributed research centers, faculty and departments across different campuses. The College offers a broad array of outstanding programs to undergraduate and graduate students, and has developed some outstanding and successful research programs. It leads the University in federal research funding, has a strong interdisciplinary research and teaching profile with ties to engineering and medicine, and benefits from infrastructure and facilities that can support growth. It contributes significantly to the University's core curriculum beyond science majors. Like many universities, FAU is centralizing its financial and physical planning to align with university-wide strategic priorities. The new Dean must be able to operate and lead in this complex, matrixed environment in order both to understand and advocate for the needs of the College, its faculty and students, and to ensure that the College is supporting the University's objectives.

RESOURCE DEVELOPMENT

Resource development is a crucial component of the Dean's portfolio. The College has identified a number of new initiatives that need funding, including but not limited to supporting graduate resources, professional development for faculty, and bridge and seed funding. The Office of the Vice President for Research is focused on growing resources to support both the pillars and the research priorities of the College. At the same time, all of FAU's deans are expected to identify and lead efforts to capitalize and grow non-tuition revenue.

The College is distinguished by a number of centers, programs, and research areas that are well known among peer institutions and faculty. The University enjoys significant political and philanthropic support from the surrounding community and region that dates to the institution's founding and that led, among other initiatives, to the establishment of the Jupiter Campus and the collaboration with the Max Plank and Scripps Institutes. In addition, the Dean of the College of Science will be expected to strengthen the role and contributions of the college's advisory board, increase alumni engagement, and seek out entrepreneurial opportunities.

Personal Qualifications and Personal Qualities

The successful candidate will demonstrate the following:

- An earned doctorate from an accredited institution in one of the disciplines represented in the College (Biological Sciences, Chemistry/Biochemistry, Psychology, Geosciences, Mathematical Sciences, Physics or a closely related discipline)
- Distinguished teaching, research, and scholarly work appropriate to qualify the candidate for appointment as a tenured full professor according to the degreed department's criteria
- A proven record of effective administrative experience in higher education that includes faculty development, budgeting, assessment, and demonstrated achievement in project and program development
- A record of contribution to the sciences evidenced in research and publications
- Experience as principal investigator on externally funded research projects
- Understanding of the primary fields and current trends in science
- Exemplary interpersonal and communication skills to effectively work within and outside the College and University
- Unquestioned integrity and the highest ethical standards
- An understanding of the challenges and key issues confronting undergraduate, graduate and post doctoral education today
- An understanding of the key challenges and issues regarding funding of public higher education
- A strategic vision as to how to lead and propel the College to local, state, and national prominence
- A management style that is collegial and consensus driven; one which respects the good work and people within the institution while leading it to greater heights
- A demonstrated, innovative and entrepreneurial spirit with a readiness of action to do those things which will accrue benefit to the College
- A commitment to diversity evidenced by specific initiatives and/or programs focused on the recruitment, development and retention of diverse faculty, staff, and students, and the ability to communicate effectively in a culturally and ethnically diverse community
- A record of excellence in problem solving, management, building consensus, decision making and establishing synergistic partnerships



The Charles E. Schmidt College of Science

The College comprises the departments of Biological Sciences, Chemistry and Biochemistry, Geosciences, Mathematical Sciences, Physics, and Psychology, which offer 15 baccalaureate degree programs, 15 master's degree programs, and 6 Ph.D. programs. It's Center for Complex Systems and Brain Sciences offers an additional, interdisciplinary Ph.D. program. The College's other research centers of excellence include the Center for Biomedical and Materials Physics, the Center for Cryptology and Information Security (designated as a National Center of Academic Excellence in Information Assurance/Cyber Defense Research by NSA/DHS), the Center for Geo-Information Science, the Center for Molecular Biology and Biotechnology, and the Florida Center for Environmental Studies. The College is actively engaged in the University's Distinction Through Discovery Program, which emphasizes undergraduate mentoring and participation in research and inquiry. For additional information about the College, please visit <http://www.science.fau.edu>.

Research and scholarship are central to the College's mission and play vital roles in the life of the College as a whole. The College has collaborative agreements with Scripps Florida, the Max Planck Florida Institute, and the Torrey Pines Institute for Molecular Studies. This agreement includes access to over \$20M of scientific equipment located at the Jupiter Campus. Recently, a joint graduate program was initiated with the Max Planck Florida Institute and Scripps Florida. The College also has collaborative programs with the Oak Ridge National Laboratory, College of Engineering and Computer Science, FAU's Harbor Branch Oceanographic Institute and FAU's Charles E. Schmidt College of Medicine.

RESEARCH

Areas of interdisciplinary research emphasis include:

- ❖ **Bioinformatics Research** – harnesses the human genome to discover novel diagnostics and therapeutics for diverse diseases
- ❖ **Cancer Research** in breast, colon and pancreatic cancer, melanoma metastasis, breast cancer imaging, cancer diagnosis, drug discovery and optimization and drug delivery by nanotechnology
- ❖ **Cryptology/Computer Security** – research and training in collaboration with the colleges of Engineering and Computer Science, and Business and the U.S. Departments of Defense and Homeland Security
- ❖ **Developmental Systems** – research in child development, development of cognitive processing, personality and adolescent psychology
- ❖ **Environmental Sciences/Studies and Conservation Biology** – integrating various disciplines for understanding coupled socio-ecological systems and sustaining biodiversity worldwide, with specific emphases on Everglades dynamics and the environmental and social implications of sea-level rise in South Florida's large and growing metropolitan areas
- ❖ **Geographic Information Science** – applied and theoretical research in spatial information technology
- ❖ **Hydrology and Water Resources** – research in the areas of hydrology, water resources and related geosciences aimed at developing a more complete understanding of both surface and sub-surface processes and their practical applications, especially in South Florida
- ❖ **Marine Biology** – research in marine conservation, physiology and behavior, sensory biology of marine vertebrates (particularly sea turtles and fishes) and coastal ecology
- ❖ **Natural Products/Medicines from the Sea** - involving the study of chemical compounds, including polymers, proteins, and substances found in nature and marine organisms for therapeutic applications, with emphasis on developing novel anti-cancer, anti-inflammatory and analgesic agents
- ❖ **Neuroscience** – research topics include neurological disorders and diseases (e.g., autism, Alzheimer's and Parkinson's diseases), nervous system development and developmental disorders, aging, brain imaging, hypoxia/stroke, vision, sleep, learning and memory, and drug addiction

- ❖ **Medical Imaging** – applying mathematical concepts to medical imaging, with the goal of providing more effective and less intrusive methods for diagnosing and treating diseases and conditions in cancer and brain function
- ❖ **Space Time Physics** – research into space and time through FAUST, the FAU Space/Time group
- ❖ **Biomaterials** – basic research into nanoscale apatite-based materials
- ❖ **Soft Condensed Matter and Biologically-Inspired Physics**

ACADEMIC DEPARTMENTS:

The **Biological Sciences Department** offers the largest undergraduate major at FAU and its courses serve both majors and non-majors across several colleges at the University. The Department is comprised of 28 faculty, three instructors, approximately 120 graduate students and more than 2,690 undergraduate majors. The Department offers a wide variety of courses and research opportunities for undergraduate students through its honors program and directed independent study (DIS) with faculty on several campuses. Though data on scholarly activity is not officially available for undergraduate students, an internal poll of the departmental faculty demonstrates that in 2012-2013 (including the summer of 2012) **224** undergraduate students engaged in scientific research in the Department of Biological Sciences. The faculty research focus areas are primarily in neuroscience, marine science, environmental science and cellular and developmental biology. The Department is the focal point for a Ph.D. in Integrative Biology, a joint Ph.D. program in neuroscience with Max Planck Florida and the Scripps Research Institute and both Ph.D. and Masters Programs in Environmental Science with the Center for Environmental Science and the Department of Geosciences. We have collaborations with colleagues at several research institutions, including Max Planck Florida Institute and Scripps Florida on the Jupiter Campus, the Center for Environmental Science, USGS and IFAS on the Davie Campus and FAU's Harbor Branch Oceanographic Institute located in Fort Pierce.

The **Department of Mathematical Sciences** has an internationally recognized research faculty active in pure and applied algebra and analysis, biomathematics, bioinformatics, combinatorics, geometry, dynamical systems and control theory, cryptology and information security, foundations of mathematics, and probability and statistics. The Department offers a full complement of undergraduate and graduate degree programs. These include B.A. and B.S. degrees in mathematics; minors in mathematics and in statistics; certificate programs in actuarial science and in statistics; an honors program in mathematics; a combined BS/MS program; masters programs in mathematics (M.S.), applied mathematics and statistics (AMST), and teaching mathematics (MST); and a Ph.D. program in mathematics.

The Program in **Chemistry and Biochemistry** at FAU involves multilevel approaches to education and research in chemistry, biochemistry, and molecular medicine. Achieving an understanding of chemical and biochemical phenomena through scientific inquiry is becoming increasingly cross-disciplinary. Hence, a perspective that cuts across boundaries and views chemical knowledge as an integrative process that spans levels of chemistry, biology, informatics, biotechnology, and biophysical chemistry is considered timely. Current faculty strengths are in organic chemistry, biophysical chemistry, and biochemistry. The research

conducted by faculty in the program contributes to fields such as synthetic chemistry, biochemistry, physical chemistry, natural products, drugs from the sea, biomedical science, and environmental science. The research activities are supported by a state-of-the-art instrumentation core facility. Active collaborations with faculty from the Colleges of Medicine and Engineering and Computer Science at FAU and Scripps Florida, Torrey Pines Institute for Molecular Studies, and Max Planck Florida Institute provide valuable opportunities for graduate students. Faculty are funded by numerous federal (NIH/NSF), state and other agencies. Recent graduate students have gone on to work at Harvard and other major universities, GlaxoSmithKline and other pharmaceutical industries, and Scripps Florida, Wistar Institute and other research institutes.

The **Department of Physics** is dedicated to cutting-edge research and excellence in teaching, within a multidisciplinary environment. At the undergraduate level, the Department offers B.S. and B.A. degrees. The graduate program leads to M.S. and Ph.D. degrees, as well as an accredited Professional M.S. in Medical Physics. Active research areas within the Department include: Classical and Quantum Gravity, Astrophysics, Physics of Materials and Biological Systems, Statistical Mechanics, Neuroscience and Nonlinear Systems. Faculty are prolific authors with numerous publications in top journals and are currently funded by the National Science Foundation, the Department of Defense, the National Institutes of Health, and the Air Force Office for Scientific Research, at the federal level, besides numerous regional and private sources. Three physics faculty have been named Distinguished Teachers of the Year, the university's highest honor for teaching excellence.

The **Department of Geosciences** offers undergraduate and graduate degrees in various subfields of the geosciences. The three main areas of focus in the Department are earth systems science, human-environmental systems and geo-information science. The Department offers B.A. and B.S. degrees in both Geography and Geology, a M.S. degree and a Ph.D. degree in Geosciences. The Department also offers a GIS Certificate, a Graduate GIS Certificate and a Graduate Remote Sensing Certificate. The Department has developed research specialties in GIScience, hydrogeology, paleontology and paleo-environments, human-environmental modeling, and urban and regional development. The Department places a strong emphasis on fieldwork, GIS, remote sensing and other analytical techniques in geospatial modeling, and encourages interdisciplinary research. Faculty are funded by numerous federal (NSF/NOAA/DOI), state and other agencies. They have established strong relationships with the Center for Environmental Studies, the Environmental Science Program, the Department of Anthropology, the Department of Biological Sciences, the Department of Chemistry and Biochemistry, the Department of Civil, Environmental and Geomatics Engineering, and the Department of Urban and Regional Planning.

The **Department of Psychology** offers two undergraduate degree programs leading to a B.A. in Psychology and a B.S. in Neuroscience and Behavior. These programs are designed to provide quality general education in core areas of psychological science and neuroscience, respectively, preparing students for careers in numerous fields as well as for graduate study. Currently there are approximately 2,100 undergraduate majors in the two programs across FAU, making Psychology one of the most popular majors at the university. At the graduate level, the department maintains a research-intensive program, offering Ph.D. and M.A. degrees in psychology. The award-winning and internationally renowned faculty conducts research in four core areas of Psychology: Developmental, Cognitive, Social/Personality, and Behavioral and

Cognitive Neuroscience. Students in the program undergo rigorous academic and research training and have gone on to successful careers in both academia and industry. The Department maintains close links with the Center for Complex Systems and Brain Sciences, with many faculty maintaining dual appointments. The Department is among the most successful in the College in obtaining external funding and enjoys a strong national and international profile.

College Budget and Endowment figures:

Charles E. Schmidt College of Science 2015-16 Education & General Budget: \$28,691,161
Charles E. Schmidt College of Science Endowment: \$5,808,003 held by the Florida Atlantic University Foundation, Inc., 2015-16 Spending Allocation \$262,600

Florida Atlantic University: An Overview

Florida Atlantic University was founded in 1964 in Boca Raton on an 850-acre site located near the Atlantic Ocean. FAU serves more than 30,000 undergraduate and graduate students on six campuses and sites along more than 100 miles of Florida's east coast. One of the largest employers in South Florida, FAU has more than 3,000 employees, including over 1,000 dedicated faculty members, and an operating budget in excess of \$700 million. The University has an annual economic impact of \$6.3 billion and is conducting millions of dollars' worth of funded research in such critically important fields as drug discovery, biotechnology, ocean engineering and marine science.

FAU's main campus in Boca Raton is conveniently located half way between Palm Beach and Fort Lauderdale and offers a broad range of academic programs, activities, and services. The Boca Raton Campus provides an exciting and supportive learning environment for students. The Student Union hosts student activities and meetings. In addition, its 2,400-seat Carole and Barry Kaye Performing Arts Auditorium enables students to enjoy performances ranging from rock groups to the Florida Philharmonic Orchestra. The campus has two cafeterias and an attractive array of accommodations for its residential students. The Boca Raton Campus is also the home of FAU's Division I Intercollegiate Athletics program and facilities. Its recreation complex includes an aquatic center, gymnasium, tennis courts, wellness center, track, and a variety of fields for club and intramural sports competition.

The five-story S.E. Wimberly Library houses a large collection of monographs, serials, and other academic resources. Computer labs, study lounges, a media center, and tutoring services also provide valuable academic support for students. The Boca Raton Campus hosts art exhibits, theatre productions, and concerts in its two galleries and theatre. Visiting performers and speakers add to the artistic and intellectual vibrancy of the campus.

Florida Atlantic University is home to ten distinguished colleges that offer more than 180 degree programs in fields that span the arts and humanities, the sciences, medicine, nursing, accounting, business, education, public administration, social work, architecture, engineering, computer science and more. Academically accomplished students take advantage of honors programs in their major on the Boca Raton campus and the complete, four-year honors curriculum offered by the Harriet L. Wilkes Honors College on the John D. MacArthur Campus in Jupiter.

While more than 70 percent of FAU's 30,000 students take classes at the Boca Raton campus, the University has a six-county service region throughout South Florida. The Dania Beach site, FAU's southernmost location, serves as home to the ocean engineering research and technology institute known as SeaTech. Additionally, the Davie campus in central Broward County offers coursework to nearly 5,000 students in 30 degree programs and is the base of operations for the Florida Center for Environmental Studies, leading the university's Everglades research and restoration efforts. Also located in one of the region's most vibrant downtown areas, the Fort Lauderdale campus provides a "real life" urban laboratory for students pursuing an accredited degree in architecture and is home to MetroLAB, a collaborative space for engagement with the community. Finally, FAU's northernmost site is the Harbor Branch Oceanographic Institute in Fort Pierce, which is dedicated to exploring the world's oceans and integrating the science and technology of the sea with the needs of humankind, providing undergraduate students (including Honors College students), graduate students and faculty with a high-tech and dynamic environment. Throughout the 100-mile stretch of Atlantic coastline that makes up FAU's service area, faculty and students alike have access to unique academic opportunities in beautiful campus environments.

About the Jupiter Campus:

FAU's **John D. MacArthur Campus**, also known as the Jupiter Campus, opened in the fall of 1999. The campus presently enrolls more than 1,300 students in undergraduate and graduate programs in the Wilkes Honors College and the colleges of Arts and Letters, Design and Social Inquiry, Education, and Science. Additional distinctive features of the campus include a thriving Lifelong Learning Society, the Hibel Museum of Art, and the Robert J. Huckshorn Arboretum. The campus is also home to two of the world's leading research organizations, the Max Planck Florida Institute for Neuroscience and Scripps Florida, a division of The Scripps Research Institute.

The Jupiter Life Science Initiative (JLSI) was established in 2013 to expand FAU's presence on the Jupiter Campus, enhance STEM education and strengthen interactions with two local research institutes: Max Planck Florida Institute and The Scripps Research Institute. The initiative's intellectual focal point is neuroscience and a group of College of Science neuroscientists moved from Boca Raton to Jupiter. The originating faculty members led by the Director of the JLSI, Rod Murphey, included six from the College of Science, Department of Biological Sciences and one from the Department of Psychology and we have recruited two more biologists and are in the process of recruiting a third. Finally, the Chair of Chemistry and Biochemistry was recruited to FAU and he also settled in Jupiter. In summary, since arriving in Jupiter, the FAU group has grown from 50 to 90 personnel.

The move has brought the three institutions into close proximity and this enhances research collaborations between FAU, Scripps, and Max Planck. There are a wide variety of ongoing research projects ranging from identifying genes that regulate lifespan to developing animal models to look for ways to prevent the onset of epilepsy in humans to the influence of long noncoding RNAs on fear memory and fear extinction. The imaging facilities in Jupiter are dramatically expanding as we purchase instruments jointly and independently in the three institutions. A variety of collaborative meetings occur that brings together scientists from FAU, Scripps and Max Planck as well as an international list of visitors.

The Integrative Biology and Neuroscience (IBAN) Ph.D. program (started in 2011) includes faculty from FAU, Max Planck, and Scripps. Since the launch of JLSI, fourteen new students have started in the IBAN program and are working in Jupiter labs. FAU has been granted an International Max Planck Research School for Brain and Behavior (IMPRS) in partnership with Max Planck Florida Institute for Neuroscience, University of Bonn (Bonn, Germany), and the Max Planck Institute Caesar (Bonn, Germany). Currently, five FAU neuroscience faculty in Jupiter are designated IMPRS faculty. The program will accept its first student applicants in late 2015, and begin in the summer of 2016. This is the first American IMPRS program granted by the Max Planck Society and the best students will be recruited from around the world to pursue this prestigious Ph.D. program.

Undergraduates are competitively selected to do summer research in Jupiter labs through *The FAU John Nambu Memorial Undergraduate Research Experience*. The undergraduates present their research findings at a daylong public symposium at the end of the fourteen-week program. Through the *Undergraduate Honors Program in Biological Sciences*, numerous undergraduates work in research labs throughout the year on the Jupiter Campus. Six postdoctoral fellows, supported by NIH grants or JLSI, are conducting research in Jupiter labs.

About the Davie Campus:

Nearly 5,000 students take classes at Davie, FAU's second-largest campus after the Boca Raton Campus. Conveniently co-located



with Broward College (BC) as part of the South Florida Education Center, it covers 38 acres in the western part of Broward County. FAU Davie offers coursework in 30 degree programs through the [Dorothy F. Schmidt College of Arts and Letters](#), the [College of Business](#), [College for Design and Social Inquiry](#), [College of Education](#), the [Christine E. Lynn College of Nursing](#) and the [Charles E. Schmidt College of Science](#).

The Florida Center for Environmental Studies (<http://www.ces.fau.edu>) founded in 1994, moved to the Davie Campus in 2014. CES holds \$2.5M in extramural funding and supports a variety of research, education, and community engagement activities. The Center's two foci – wetlands ecology and coastal resilience – build on regional and faculty strengths. CES plays a pivotal role in one of the University's new research Pillars, "Ocean Science & Engineering/Environmental Science," which is designed to catalyze inter-disciplinary and -College research excellence. Most faculty participating in CES activities are in the College of Science, but some are from other Colleges (e.g., Engineering, Design and Social Inquiry, Arts and Letters, and Education).

STUDENT DEMOGRAPHICS

Florida Atlantic University students come from all 50 states, every county in Florida and more than 180 countries. With more than half of its student body classified as minority or international students, FAU ranks as the most racially, ethnically and culturally diverse institution in Florida's State University System. The following breakdown of both undergraduate and graduate student headcount reflects FAU's total enrollments as of the Fall 2015 semester:

Race	Headcount	Percent
Asian	1,288	4%
Black or African American	5,733	19%
Hispanic or Latino	7,383	24%
American Indian or Alaska Native	56	0%
Two or more races	1,048	3%
Nonresident alien	966	3%
Native Hawaiian or Pacific Islander	40	0%
White	13,617	45%
Race and ethnicity unknown	283	1%
Total	30,414	

In 2014, the University was ranked one of the top 100 four-year colleges in the nation conferring undergraduate and graduate degrees to minority students, according to a survey in *Diverse: Issues in Higher Education*, a magazine published bi-weekly that informs leaders from academe, industry and public policy about current trends and issues in the United States. FAU ranks 34th in the nation for conferring bachelor's degrees to all minorities combined. For conferring bachelor's degrees to Hispanics in all disciplines combined, FAU ranked 24th in the nation. Additionally, as of Fall 2015, 26% of FAU undergraduates are Hispanic or Latino—which qualifies the University to become a Hispanic Serving Institute (a federal designation).

FACULTY GOVERNANCE

The University Faculty Senate is the representative body of FAU's academic community and is responsible for managing the curriculum and certain administrative procedures. The Senate consists of elected representatives of the faculty, with standing committees playing roles in governing academic freedom and due processes, admissions and retention, assessment, athletics, distance education, graduate degree programs, honors and awards, library operations, promotion and tenure, research, and undergraduate degree programs. The Faculty Governance section of [the Faculty Handbook](#), published annually by FAU's Division of Academic Affairs,

informs the faculty of the role of the University Faculty Senate as well as college-level assemblies.

United Faculty of Florida (UFF) is the official collective bargaining agent for FAU faculty. The collective bargaining agreement between the FAU chapter of UFF and the University provides terms and conditions of employment, including provisions on salaries and benefits, academic freedom and responsibility, and intellectual property rights. Membership and dues are optional.

College Assemblies

Each college has a faculty assembly for the purposes of faculty governance at the college level. The assembly is primarily concerned with

- college educational policy, including curriculum, admissions, and degree programs
- general college faculty interest, including tenure, hiring policies, and promotions
- student affairs, and
- administrative matters of general college interest, including college organization and coordination of academic programs at multiple sites

The assembly shall be advisory to the dean in matters of planning and budgeting.

UNIVERSITY FINANCES

Total 2015-16 Expenditure Budget: \$726,896,003

Endowment: \$189,930,000 held by the [Florida Atlantic University Foundation, Inc.](#)

2015-2016 Fund Raising Goal: \$20,000,000

Alumni

Florida Atlantic University Foundation, Inc.

Alumni 145,000

INSTITUTIONAL GOVERNANCE

Florida Atlantic University is governed by a thirteen member board of trustees, six of whom are appointed by the governor, five by the Board of Governors plus the student body president and the president of the University Faculty Senate. The gubernatorial and Board of Governors appointees must be confirmed by the Florida Senate.

The trustees are responsible for cost-effective policy decisions appropriate to the University's mission, the implementation and maintenance of high-quality education programs, the measurement of performance, the reporting of information and the provision of input regarding state policy, budgeting, and education standards.

ADMINISTRATION

An organizational chart of FAU's senior administration can be found at

http://www.fau.edu/president/files/organizationalchart_president_names.pdf

DR. JOHN KELLY, PRESIDENT

John Kelly was named president of Florida Atlantic University by unanimous vote of the FAU Board of Trustees on January 17, 2014, becoming the seventh president in the University's 50-year history. President Kelly came to FAU from Clemson University, where he held a succession of leadership positions over a 28-year period. Upon his arrival at FAU, President Kelly initiated a year-long collaborative process involving faculty, students, alumni, administrators, staff and friends of the University that culminated in creation of a new 10-year strategic plan titled "The Race to Excellence." This comprehensive plan builds upon FAU's existing strengths and identifies emerging opportunities.

Highlights of President Kelly's first year in office include announcement of a record-breaking \$16 million gift from the Schmidt Family Foundation to build a premier academic/athletic facility on the Boca Raton Campus — the largest single gift in the University's history. He also announced an agreement with Scripps Florida and the Max Planck Florida Institute for Neuroscience to establish a unique partnership on the Jupiter Campus. The program offers FAU students the rare and valuable opportunity to work side by side with some of the world's most distinguished biomedical researchers, including Nobel Laureates.

Active on the national level, President Kelly has served on the boards of the Administrative Heads Section of the National Association of State Universities and Land-grant Colleges (now the Association of Public and Land-grant Universities) and the American Distance Education Consortium.

He began his academic career in 1982 as an assistant professor at Texas A&M University. Three years later, he went to Clemson, rising through the ranks to become professor and department head by 1991. He was named vice president for public service and agriculture in 1997 and vice president for economic development in 2010.

DR. GARY PERRY, PROVOST AND VICE PRESIDENT FOR ACADEMIC AFFAIRS

Gary W. Perry, Ph.D., was appointed as FAU's Provost and Vice President for Academic Affairs in May 2014, after serving as Interim Provost for nine months. In this position, Dr. Perry leads the Division of Academic Affairs and is the institution's Chief Academic Officer, directing the development and delivery of all academic programs at FAU while overseeing the division's budget and personnel. The Division of Academic Affairs comprises FAU's 10 colleges that deliver more than 170 degree programs at the bachelor's, master's and doctoral levels. Related areas, such as the Office of Undergraduate Studies, the University Registrar, the University Libraries, the Office of Information Technology, Enrollment Management, and the Lifelong Learning Society, also come under the division's umbrella.

Previously, Dr. Perry served for seven years as Dean of FAU's Charles E. Schmidt College of Science from 2006 to 2013, and he has spent nearly a quarter century on the University's faculty. Prior to assuming the role of Dean, he had served as Interim Dean for Graduate Studies. Dr. Perry joined FAU in 1989 as an Associate Professor of Neuroscience and has held several other leadership positions at the University during the past 26 years, including the roles of Senior Associate Dean for Research and Graduate Studies in the Charles E. Schmidt College

of Science, Acting Director of the Center for Complex Systems and Brain Sciences and Acting Associate Dean and Chair for the Biomedical Science Program.

Dr. Perry is a graduate of the University of London and earned his master's and doctoral degrees from the University of Manchester in the United Kingdom. He previously held research faculty appointments at the Weill Medical College of Cornell University and the University of Miami's Miller School of Medicine before joining FAU.

Procedure for Candidacy

Inquiries, nominations and applications are invited. Review of applications will begin on January 15, 2016, and will continue until the position is filled. Candidates should provide a *curriculum vitae*, a letter of application that addresses the responsibilities and requirements described in the Leadership Statement, and the names and contact information of five references. References will not be contacted without prior knowledge and approval of candidates. These materials should be sent electronically via e-mail to the Witt/Kieffer's consultants Lucy Leske and Brian Bloomfield at FAUDeanScience@wittkieffer.com. The consultants can be reached by telephone at 630-575-6122.

Documents that must be mailed may be sent to:

Dean, Charles Schmidt College of Science, Florida Atlantic University
c/o Lucy Leske/Brian Bloomfield, Witt/Kieffer
2015 Spring Road, Suite 510
Oak Brook, IL 60523

Florida Atlantic University is an equal opportunity/affirmative action institution and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veterans status or any other characteristic protected by law.

This search is being conducted in accordance with the "Sunshine" Law of the State of Florida.

The material presented in this leadership profile should be relied on for informational purposes only. This material has been copied, compiled, or quoted in part from Florida Atlantic University documents and personal interviews and is believed to be reliable. While every effort has been made to ensure the accuracy of this information, the original source documents and factual situations govern.

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