

## FACILITIES / EQUIPMENT DESCRIPTION

FLORIDA A&M UNIVERSITY (FAMU)

**Physical Resources.** FAMU's main campus is spread over 420 acres located in Tallahassee, Florida. The campus is comprised of 211 buildings. Total physical assets are valued in excess of 244 million dollars. Construction has begun on a new \$32.9 million 135,000 sq. ft. pharmacy building scheduled to be completed in 2003. The new building will include classrooms, research laboratories, offices, and an animal facility. The legislature has also recommended approval for FAMU to construct a Foundation building, Phase V of the Housing units, and renovation of Bragg Stadium. The Everette T. Booker Jones Hall houses chemistry, physics and biology departments; and the Ware Rhaney building houses the School of Nursing and Allied Health Sciences. The Dyson Pharmacy Building houses the College of Pharmacy and an animal facility. All facilities are in compliance with fire codes and OSHA regulations.

Other buildings designed for the advancement of research are: the 65,000 sq. ft. F. S. Humphries Research Center (FSHRC) which houses 50 research offices; 26 graduate student spaces; 150-seat lecture hall; two 30-seat seminar rooms, a 10,000 sq. ft. library; 48 research laboratories; and 2,000 sq. ft. of animal research space. In this facility, the College has 41 offices, 19 regular research laboratories, 10 support laboratories, 25 offices and graduate student stations. Also located in the FSHRC is the animal facility, School of Nursing; School of Allied Health; Institute of Environmental Sciences; Institute of Public Health; Computer Sciences; and Physics. Listed below are resources available in FSHSRC and Dyson Pharmacy Building (DPB).

**Human.** The greatest asset of the University is its dedicated faculty and staff. Florida A&M University workforce consists of 541 full-time instructional faculty and 1,578 other employees. Many faculty are committed to both teaching and research - the College of Pharmacy and Pharmaceutical Sciences - 62 faculty and 29 other support staff; College of Arts and Sciences Chemistry Department - 13; College of Arts and Sciences Biology - 12; Allied Health - 41 and 14 support staff; Environmental Health - 6; and Nursing - 21, and seven support staff. The College of Pharmacy faculty has a wealth of knowledge and experience in both the classroom and laboratory setting, which support the University and College missions and visions. Adjunct faculty, research associates and research assistants support them. Tenure track positions and the number of instructional faculty are projected to increase as the University continues to develop additional programs particularly at the graduate level. All new regular full-time faculty members will have a PhD degree, except in those disciplines where the PhD is not a terminal degree. Growth of other employees will be tied to program expansion and other educational initiatives. FAMU provides the following services for its employees: a new employee orientation session on "Discover FAMU," Employee Assistance Program, Serving you Better Survey and Employer Recognition Program. Although, FAMU has outstanding employees, it is necessary to recruit and retain faculty and staff members who are both accomplished professionals and who are committed to the mission and goals of the University. Staff development and training are conducted and will be expanded through the Vice President for Administrative Affairs Office.

**Fiscal.** The University's current operating budget is over 234 million dollars. The University budgeting, comptroller, contracts and grants, purchasing, personnel, foundation, and sponsored research offices provide the fiscal administrative oversight for all institutional funding. The fiscal system is adequate for the management of these funds. As a part of the State University System, FAMU is primarily funded by the state. The University receives \$6,400 per FTE for undergraduate level, and \$9,400 per upper level and \$15,000 per graduate level students. With this type of funding, FAMU will have to attract more upper and graduate level students to retain the dollars necessary to operate. The University and College

leadership have responded by increasing its enrollment at both the professional and graduate levels. The College of Pharmacy's operating budget for 1999-01 exceeded \$16 million. In its efforts to become more competitive, the University reached a goal of \$50 million in contracts and grant funding.

FAMU College of Pharmacy and Pharmaceutical Sciences (COPPS).

The FAMU COPPS was established in 1951 and was designated a "Center of Excellence" by the former Florida Board of Regents." The mission of the College is to produce highly qualified pharmacy practitioners and researchers who take an active role and responsibility in the delivery and outcomes of pharmaceutical care. It strives to educate and train pharmacists and researchers to use their scientific knowledge, problem solving and critical thinking skills to determine the best solutions to health care problems of today and the future. It has produced over 1,600 graduates, which represents 20% of the nation's African American pharmacists, and over 60% of the African American PhDs in the pharmaceutical sciences over the past decade. With the main campus in Tallahassee, Florida, the pharmacy practice division provides additional training in Miami, Tampa, and Jacksonville. The College offers a comprehensive program of course work and research leading to the MS and PhD degrees in pharmaceutical sciences, and the Master of Public Health (MPH) degree through the FAMU Institute of Public Health. Specializations in pharmaceutical sciences are offered in pharmacology / toxicology, medicinal chemistry, environmental toxicology, pharmaceuticals, and pharmacoeconomics (MS only). Specializations in public health include epidemiology/biostatistics, environmental and occupational health, health policy and management, and behavioral science and health education.

Examples of the milestones of FAMU COPPS in the last four years are:

**1999**

- Florida Legislature appropriate \$13 million for the first phase of the new 135,000 sq. ft. pharmacy building
- Ranked number seven in NIH funding nationally among all Colleges of Pharmacy (ACCP)
- Ranked number one in NIH funding to southeastern schools of pharmacy for the third consecutive year (ACCP)
- Awarded \$2.5 million from National Institute on Drug Abuse to establish a drug abuse center in the COPPS
- Endowment support exceeds \$3.7 million, an all-time high
- Initiated the State of Florida Birth Defects Registry through the Institute of Public Health to chronicle all birth defects in Florida
- Received a total of \$15.9 million for construction of the 1<sup>st</sup> phase of the new Pharmacy Building
- Selected architectural firm to design and construct a \$30 million pharmacy facility
- 1999-00 published/in press 76 manuscripts, and 35 submitted
- Presented 35 manuscripts at scientific meetings

**2000**

- Ranked number two in NIH funding to southeastern school of pharmacy (ACCP)
- Ranked number nine nationally in NIH funding to among all schools of pharmacy (ACCP)
- 2000-01 published/in press 50 manuscripts, and 16 submitted.
- Presented 58 manuscripts at scientific meetings.

**2001**

- Received the full six years accreditation for the College of Pharmacy and Pharmaceutical Sciences Professional Program from the American Council of Pharmaceutical Education
- 2001-02 published/in press 68 manuscripts, and 21 submitted.
- Presented 14 manuscripts at scientific meetings.

**2002**

- Current funding total \$11.5 million (2001-2002) and overall funding total \$29.3 million (1998-2006).
- Submitted a record six R01 grant applications in June 2001, 15 contracts and grants including one R01 February 2002 and awarded eight for 2001-2002.
- The ground breaking for the new \$33 million, 125,000 sq. ft. COPPS pharmacy building was held. The first phase will include: distance learning laboratory, 500-seat auditorium, 200-seat classroom, two – 180 ft classrooms, 100-stations computer laboratory, 35-seat prescription research laboratory; 35-station patient/assessment and teaching laboratory; 42 faculty and administrative offices; and 12 state-of-the-art research intensive laboratories: two environmental toxicology; two drug delivery; neuropharmacology; chronopharmacology; neurodegenerative disorder; neuropsychopharmacology; aging research; drug designs and development and two medicinal chemistry laboratories.
- Published 27 manuscripts, 18 are in press and 26 submitted.
- Presented 58 manuscripts at scientific meetings.
- The College currently has 12 research associates, 11 research assistants.
- Receive the ARCH award from the National Institute of Environmental Health Sciences in collaborations with Wayne State University (\$4.4 million).
- The faculty members have over 40 research collaborative efforts.

In summary, adequate facilities and equipment are available for use for proposed project. The principal investigator's office is in the brand-new Science Research Center (SRC) furnished with computers, printers and survey development software. The SRC has its own library in addition to the central University library. Data collection laboratory to prepare survey mailings, hold focus group interviews as well as implement proposed intervention studies are available in the SRC as well as at the Miami and Tampa branch campuses of the FAMU COPPS.

### THE UNIVERSITY OF SOUTH FLORIDA

The University of South Florida is among the largest universities in the United States, with a student population of more than 37,000. The university has a wide range of research program as is currently ranked as a Carnegie I institution. Faculty of the university undertook sponsored research projects totaling more than \$186 million in the most recent fiscal year. The 11 colleges that comprise the university include Arts and Sciences, Education, Nursing, Medicine, and Public Health. In the most recent academic year, these colleges granted 1,710 master's or equivalent degrees, 158 Ph.D. degrees, and 90 M.D. degrees.

The H. Lee Moffitt Cancer and Research Institute at the University of South Florida opened in 1986. In 1997, the Moffitt Cancer Center received a P30 Cancer Center Support Grant Award and NCI designation. With regard to its scientific activities, the cancer center is aligned into four main research

programs: Molecular Oncology, Immunology, Clinical Investigations, and Cancer Control. A Biostatistics and Informatics Core provides services free of charge to all cancer center members

The Moffitt Cancer Center is one of the largest cancer centers in the United States with respect to patient volumes, with over 5,000 patient admissions and over 95,000 outpatient visits in 2001. The center's patient care is delivered nearly exclusively by disease-based interdisciplinary teams that represent all major disciplines. In 2001, approximately 3,700 patients were enrolled in IRB-approved studies.

In addition to providing treatment to cancer patients, the center is also actively involved in the prevention and early detection of cancer. In 2001, more than 7,000 individuals were seen in the screening clinic and 10,000 additional individuals were screened in mobile units. These activities, plus genetic counseling and testing, are conducted through the center's Lifetime Cancer Screening Program. Along with the Tobacco Research and Intervention Program housed in adjacent office space, these programs serve as a research laboratory for the cancer control and population studies carried out by cancer center members. The Lifetime Cancer Screening Program is also a base for community outreach efforts that provide a link to special populations, such as the migrant farmworker population, which has become an important target group for several research studies.

Two additional Moffitt Cancer Center resources are of particular relevance to the current proposal. One resource is the NCI-funded Community Clinical Oncology Program (CCOP) Research Base recently established at Moffitt Cancer Center under the leadership of \_\_\_\_\_ Ph.D. This emphasis of this research base is on clinical trials in cancer prevention, detection and control. This research base currently has four approved protocols and two pending protocols. Several members of the training faculty are principal investigators of these protocols, which contribute to the primary and secondary research base for the proposed training program.

The other notable resource is the NCI-funded (R25) Cancer, Culture, and Literacy (CCL) Institute based at Moffitt Cancer Center and directed by \_\_\_\_\_ Ph.D. The CCL Institute provides a series of educational activities as well as mentoring experiences to doctorally prepared investigators who wish to enrich their perspectives on culture and literacy in the conceptualization of cancer control/population science research. It is anticipated that trainees in the proposed training will have access to many of the educational materials being developed for CCL Institute participants.

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