

19 SCRIPPS RESEARCH INSTITUTE AT FAU**INTRODUCTION AND BACKGROUND**

This element provides a brief description of The Scripps Research Institute (TSRI) on the FAU John D. MacArthur Campus. TSRI, one of the country's largest, private, non-profit research and educational organizations, stands at the forefront of basic biomedical science. The Institute is internationally recognized for its research into immunology, molecular and cellular biology, chemistry, neurosciences, autoimmune diseases, cardiovascular diseases, virology and synthetic vaccine development, and for its Doctoral programs in those areas.

The philosophy of The Scripps Research Institute emphasizes the education and training of researchers in biology and chemistry, preparing to meet the scientific challenges of the next century; the creation of basic knowledge in the biological and chemical sciences for the application of medical and material discoveries; and the pursuit of fundamental scientific advances through interdisciplinary programs and collaborations. It is within the framework of this overarching mission that the students in the Graduate Program learn in an environment tailored to accommodate individual interests and capabilities.

The Kellogg School of Science and Technology at The Scripps Research Institute will admit highly qualified chemistry and biology students to Jupiter, Florida campus to study biology, biophysics, chemical biology or chemistry, employing a highly interdisciplinary approach including a customized curriculum. Candidates must have a Bachelors degree and a strong background in biology, biophysics, chemistry, or a related discipline.

The Kellogg School at TSRI offers both an interesting curriculum and opportunities to join stellar research laboratories for thesis work. Graduate work at Scripps is a special opportunity, and many of the features of the TSRI program are different than at a traditional University, providing the most conducive environment to enable students to make important discoveries as a stepping stone for their careers.

FAU and TSRI have existing joint use agreements which are consistent with the FAU mission, emphasizing common educational goals, such as the pursuit of fundamental scientific advances and the education of researchers to prepare them to meet the scientific challenges of the next century. They have agreed to foster cooperative and educational research activities related to the biomedical sciences and other related fields. FAU and TSRI recognize the unique expertise available at the two institutions relative to these fields and have agreed to facilitate interchange between staff at TSRI and FAU faculty and students. A mechanism has been established for cooperative research, educational activities and the shared use of facilities and equipment.

Research and educational activities involving cooperative interaction between faculty, staff and students of TSRI and faculty, staff and students of FAU, and other Universities, are intended to encompass long-term, multi-project activities. These activities will provide technical and

professional education and training opportunities at the undergraduate, graduate and professional levels in the biomedical and related sciences.

FAU has been given a great and rare opportunity to host the east coast division of this prestigious institution on the John D. MacArthur Campus. The temporary research facilities for TSRI are currently located at the MacArthur Campus. Those two buildings will revert to FAU when TSRI moves into their proposed new buildings on the eastern end of the campus. The presence of TSRI on campus has accounted for the consolidation of the academic core of the Campus toward the western portion of the overall campus area. This new plan for Campus growth enhances the initial concept of a walkable campus community. (refer to **Figure 19.1**)

The research and associated educational work of TSRI and its adjacency to FAU at Jupiter creates a synergy that enhances the University's academic mission, through the shared resources of faculty, researchers, state-of-the art facilities, and students.