

Academic Affairs Support

# Academic Affairs Support



# **ACADEMIC AFFAIRS**

Provost/Vice President for Academic
Affairs

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# INTRODUCTION

California State University, Fullerton offers affordable, high quality undergraduate and graduate programs that reflect the best of current practice, theory and research, and are designed to meet the needs of our diverse students, as well as our region and the state of California. The key mission of the University is to make learning central to our campus. By combining the best qualities of teaching and research universities, actively engaged Cal State Fullerton students, faculty and staff work in close collaboration to expand knowledge. The mark of a Cal State Fullerton graduate is a person who has developed the habit of intellectual inquiry; is prepared for a challenging profession; seeks strengthened relationships with the community; and, contributes productively to society. We strive for excellence by offering rigorous and intellectually stimulating academic programs that undergo periodic formal review by the University and by external academic accreditation agencies. Our General Education program is designed to provide a strong foundational understanding of disciplines and subject areas, as well as to ensure well-educated students upon graduation. This is achieved by integrating into the course major, foundation courses in the physical sciences, the social sciences, the humanities, and fine arts. Articulation agreements with the local community colleges clarify the courses that will be accepted for credit in both General Education and degree programs. Currently, the academic programs available at the University include 55 bachelor's degrees, 50 master's degrees, one Ed.D. program, one Doctorate in Nursing Practice program, 56 minors and 20 teaching credential programs.

Among our master's degrees is a large MBA program. Other graduate programs range from the M.A. and M.F.A. in the arts and performing arts to M.A. and M.S. degrees in diverse programs such as computer science, counseling, engineering, education, reading, sciences, the humanities, the social and behavioral sciences, as well as a Master of Social Work (M.S.W.) degree designed to prepare students to enter professional and multicultural social work practice. Many graduate-level classes are offered in the late afternoon or evening to accommodate the working student. Online programs include an M.S. in Environmental Engineering, M.S. in Instructional Design and Technology, an M.S. in Information Technology and an M.S. in Software Engineering.

Cal State Fullerton offers two doctoral degrees. The Ed.D. in Educational Leadership is available in two concentrations; the Community College Leadership concentration prepares community college professionals for leadership roles in higher education. The Preschool-12 Leadership concentration prepares mid-career educators for careers as administrators, principals and superintendents in school systems throughout California. The Doctorate in Nursing Practice prepares nurses for increasingly complex practice, and for faculty and leadership roles in nursing.

# PROVOST/VICE PRESIDENT FOR ACADEMIC AFFAIRS McCarthy Hall 133 657-278-2614

The provost/vice president for Academic Affairs is the chief academic officer for the campus and provides leadership for the planning and management of all academic and instructional resources that support the teaching, scholarship and research mission of the University. Working with the president, college deans, academic administrators, the academic senate, students and the campus community, the provost/vice president for Academic Affairs provides leadership for all academic planning, resources and operational matters.

Each college and academic program publishes information that is available on the University's website – fullerton.edu. The Office of Academic Affairs maintains other academic-related information including:

- current undergraduate and graduate degree programs offered in classrooms and online;
- learning opportunities through University Extended Education that provide access to the University by working professionals and businesses, international students and groups, retirees and other members of the community;
- recruitment and personnel processes for faculty, librarians, and other instructional personnel;
- instructional classrooms, laboratories and other academic-related facilities:
- 5. student enrollment, retention, and graduation rates; and
- names of associations, agencies or governmental bodies that accredit and approve the University and its academic programs.

# **ACADEMIC ADVISEMENT**

University Hall 123B 657-278-3606

## fullerton.edu/aac

Academic Advisement provides academic advising to matriculated undergraduate students with respect to General Education and graduation requirements, major exploration, University policies and procedures, and referral to other campus resources Above that, its mission is to work in a collaborative partnership with students, a shared responsibility, where the adviser and student are equally invested in the educational process and holistic development of the student.

Academic Advisement is the academic home department for undeclared students, providing services normally offered through the declared student's major department. Additionally, the department provides information, programs and referrals to support students in their academic careers and progress to timely graduation. Students needing information about the implications of academic probation are required to complete the Probation Tutorial prior to visiting Academic Advisement for in-depth advisement.

Probation and disqualification advising must be preceded by students completing specific online tutorials hosted on the center's website.

Advising is provided on a walk-in basis and students **must** bring a current printed copy of their TDA to meet with an academic adviser. Arrangements can also be made to support non-traditional student populations such as night (only) students with limited appointments, if deemed necessary, outside regular advising hours. Please visit fullerton.edu/aac for hours of operation, wait time, and contact information for special requests.

### **ACADEMIC PROGRAMS**

McCarthy Hall 103 657-278-3602

The Office of Academic Programs, in consultation with college deans, the Academic Senate and appropriate faculty committees, has responsibility for the development and quality review of programs that lead to academic degrees. The associate vice president for Graduate Programs and Research takes leadership roles focused on graduate programs; promotes research opportunities; and provides oversight of University research as the campus chief research officer and research integrity officer. The associate vice president for Undergraduate Programs takes leadership roles focused on undergraduate programs, including general education; assessment and educational effectiveness; and provides oversight of professional program accreditation as the campus accreditation liaison officer for the Western Association of Schools and Colleges (WASC). Both associate vice presidents assist in the implementation of University and system policies and in assuring the quality of the curriculum and academic programs.

# **ACADEMIC SENATE**

McCarthy Hall 143 657-278-3683

# fullerton.edu/senate

The Academic Senate is an integral part of University governance and collegial decision-making. The Academic Senate, governed by a constitution and bylaws, develops, formulates and reviews educational and professional policy that becomes University policy if approved by the President. Examples of educational and professional policy include curricula; academic standards; criteria and standards for the selection, retention and promotion of faculty members; academic and administrative issues concerning students; and allocation of resources.

The Academic Senate consists of 48 members including the University President, provost/vice president for Academic Affairs, two representatives from CSUF Associated Students, Inc., three elected CSU academic senators, the president of the exclusive bargaining representative for Unit 3 faculty, a member of the Emeritus Professors of CSUF, the immediate past chair of the Academic Senate (except when the incumbent chair is re-elected), two parttime faculty members, and two full-time staff members.

Shared governance at CSUF involves the Academic Senate and other faculty members through membership on boards, ad hoc committees, and general committees, in addition to the standing committees. Representing the faculty, the Academic Senate works with administrators, staff and students, exemplifying "The Fullerton Way" of collegial governance.

There are 16 standing committees of the Academic Senate:
1) Academic Standards Committee; 2) Campus Facilities and
Beautification Committee; 3) University Curriculum Committee;
4) Elections Committee; 5) Extended Education Committee; 6)
Faculty Affairs Committee; 7) Faculty Development Center
Board; 8) General Education Committee; 9) Graduate Education
Committee; 10) Information Technology Committee; 11) International Education Committee; 12) Internships and Service Learning
Committee; 13) Library Committee; 14) Planning, Resource, and
Budget Committee; 15) Student Academic Life Committee; and
16) University Advancement Committee.

There are three general committees of the faculty: 1) Faculty Personnel Committee; 2) Professional Leaves Committee; and 3) Faculty Research Committee.

# CENTER FOR INTERNSHIPS AND COMMUNITY ENGAGEMENT

Langsdorf Hall 206 657-278-3746

The Center for Internships and Community Engagement was established to offer students the opportunity to formally integrate academics with practical experiences prior to graduation. Academic internships and service-learning programs offer students both domestic and international opportunities to expand their knowledge and skills in "real" situations in business, nonprofit organizations, and government agencies. These practical experiences allow students to expand their knowledge, apply theories and skills learned in the classroom, prepare for successful entry into the job market, and develop as socially responsible citizens.

Additionally, academic internships and service-learning offer opportunities for students to:

- Gain work and service experiences
- Network and develop industry contacts
- Earn academic credit
- Solidify academic and career goals
- · Earn money while learning
- Explore various career options within a major
- Demonstrate personal and social responsibility
- Become engaged in their communities and issues of concern to them

The programs involve the cooperation of faculty, employers and service sites that provide opportunities for students to fulfill their academic, civic and professional needs. Each internship/service-learning placement is monitored by the site while faculty provide guidance to students, ensuring the academic integrity of the work/service experience.

Students who wish to participate in service-learning courses should register for courses offering a service-learning option. There are no restrictions and no maximum course unit limits for service-learning courses.

Students participating in academic internships must:

- Be at least in their junior year of study or have instructor consent
- Be in good academic standing
- Meet the prerequisites and minimum G.P.A. required by the department
- Receive approval from the appropriate faculty coordinator
- Enroll in the departmental internship course

Academic internships and service-learning experiences must be consistent with the goals for the student's academic discipline. In most departments up to six units of internship credits may be earned.

The center's mission of service is to both the campus and the community sites that are our partners, and it expanded in 2007 with the addition of the Gianneschi Center for Nonprofit Research to its structure. The Gianneschi Center supports research for and about the nonprofit sector, and organizes a variety of programs that strengthen the capacity of nonprofits to ensure quality placements for our students.

# **DISTANCE EDUCATION**

College Park 012A 657-278-4752

Accessibility to learning is highly regarded at Cal State Fullerton and technology is used to extend classrooms beyond the boundaries of time and place. The University Extended Education (UEE) Department of Distance Education helps develop, deliver and maintain classes that go beyond the traditional "face-to-face" format and are delivered online or via interactive televised instruction (ITI).

#### Online Classes and OASIS

The University provides a quality online learning experience through course development and management based on proven instructional methods that are supported by the latest technology and exemplary student and faculty support. Students have access to nearly 100 online courses each semester – some are a blend of classroom and online instruction (hybrid), while others are online-only. These courses provide an alternative for those whose work schedules, family responsibilities or transportation concerns impede commuting to campus for scheduled classes. Online learning opportunities that are currently available or in development include individual courses, master's degree programs, degree completion programs, and certificate programs.

OASIS (Online Academic Strategies & Instructional Support) serves the entire University by providing a comprehensive array of services related to training, development and support for online teaching and learning. Services include instructional design; multimedia production; streaming of online presentations; and other IT support to help faculty develop, deliver, and maintain their online courses. A comprehensive development support team (including

instructional design, graphic design, video production and programming) works one-on-one with faculty and departments. In addition to hands-on support and workshops at the center, the OASIS website (oasis.fullerton.edu) offers a wide range of quick tutorials.

OASIS is located in the Pollak Library basement adjacent to the Faculty Development Center. For more information on OASIS call 657-278-7308.

#### Instructional Televised Instruction

Instructional Televised Instruction (ITI) offers interactive videoconferencing. Three classrooms are designed and equipped for distance education and currently deliver University classes to the Irvine Campus, CSUF Garden Grove Center, other CSU campuses, and other off-campus locations, including workplace classrooms in businesses and industry. Students at remote sites can interact with instructors, as well as with on- and off-campus classmates in a "live" exchange of information and ideas. A special videoconferencing facility is also available for instruction and administrative use.

Satellite teleconferencing is also available, and the Titan Cable Channel network makes CSUF programming available on commercial cable systems throughout Orange County.

For additional information, contact UEE's Distance Education Department at 657-278-4651.

# ENROLLMENT SERVICES/ADMISSIONS AND RECORDS

Langsdorf Hall 114 657-278-2300

The Office of Admissions and Records is responsible for the administration of the admission, registration, records, and other academic services to undergraduate and graduate students in the regular sessions of California State University, Fullerton. These programs and services provide information about the University's curricula and requirements to school and college counselors; admit and readmit students within enrollment categories and priorities; evaluate the applicability of undergraduate transfer credit toward all-University requirements of the curriculum; and provide liaison in the identification and resolution of articulation problems of transfer students.

Units of Admissions and Records also register student programs of study, including enrollment into classes; maintain academic records; administer academic probation and disqualification policies; provide enrollment certifications on student request, including transcripts of academic records; certify the completion of degree requirements; receive petitions for exceptions to academic regulations; and provide information about these programs and services.

# University Outreach Langsdorf Hall 540 657-278-2086

The mission of University Outreach is to identify, develop and attract a diverse and high-achieving pool of prospective freshman and transfer student applicants for admission to Cal State Fullerton. We provide educational services and programs designed to motivate and encourage students to pursue post-secondary education, to academically prepare middle and high school students for University entrance, and to promote the academic and student services opportunities available at Cal State Fullerton.

To accomplish this mission, University Outreach provides services that include pre-admissions advising, application workshops, tutoring, student support services, and information dissemination to the general public and community about the University's admission process and procedures. University Outreach also houses Veterans' Certification and hosts on-campus visitation programs and special campuswide events such as Welcome to Cal State Fullerton Day.

### **FACULTY AFFAIRS AND RECORDS**

McCarthy Hall 128 657-278-2125

fullerton.edu/far

The Office of Faculty Affairs and Records (FAR) oversees the implementation of the Unit 3 (Faculty) Collective Bargaining Agreement, the Unit 11 (Teaching Associates, Graduate Assistants, and Instructional Student Assistants) Collective Bargaining Agreement, and applicable campus policies. FAR provides a full range of services and support to faculty, campus administrators and staff on faculty and academic employee issues.

FAR coordinates the following processes: faculty and academic employee appointments, including management of the automated appointment process; Retention, Tenure and Promotion (RTP) evaluations; Lecturer Reviews; faculty salary increase programs including Range Elevation; administrators of the Faculty Hearing Panel (FHP); paid and unpaid leaves of absence including sabbatical, difference-in-pay, maternity/paternity, and medical leaves; fee waiver for faculty and their dependents; the Faculty Early Retirement Program (FERP); and visas for international faculty.

FAR is the official repository for documents and correspondence concerning teaching and administrative faculty. It has responsibility for retaining documentation pertaining to employment, reappointment, tenure, promotion, leaves of absence, disciplinary actions and separations.

The FAR office is open throughout the year Monday through Friday, from 8 a.m. to 5 p.m.

#### **FACULTY DEVELOPMENT CENTER**

# Pollak Library South 44 657-278-4722

Established in 1998, the Faculty Development Center is charged with promoting faculty development, vitality and enrichment. The center is responsible for designing and implementing a comprehensive program of support for all instructional faculty across a broad spectrum of professional activities, including but not limited to: teaching and learning, use of instructional technologies, assessment, scholarly research and creative activities, professional and service activities, and other campuswide intellectual, recognition and community-building events.

The guiding principles of the Faculty Development Center (FDC) are:

- Recognize and support faculty, and acknowledge the broad range and depth of their varied accomplishments, both individual and collaborative
- Enhance faculty instructional development to support student learning and engagement
- Promote interdisciplinary collaboration and build a sense of community among faculty with shared interests and professional development goals
- Offer programs that reflect an awareness of the different stages of faculty growth and development
- Align faculty growth and development with the University's mission, goals and strategies
- Encourage and support faculty in exploring new roles and developing new skills

Given these principles, the FDC is a collaborative effort that includes a faculty director, academic technology consultants, a graphic artist, support staff, a team of faculty coordinators and liaisons, and a Senate-convened advisery board with faculty, administrator and student representation.

Specifically, the Faculty Development Center fosters faculty professional development in teaching, research, and service; coordinates several funding programs directly supporting teaching and scholarly/creative activities; assists new and tenure-track faculty with orientation and retention/tenure/promotion workshops; works with part-time faculty and lecturers; arranges events, conferences, seminars, workshops, and colloquia that support teaching and learning; and assists faculty with the production of graphics for use in presentations, scholarly publications, and posters for display at conferences. Faculty coordinators provide additional services based on their areas of expertise.

With the goal of enhancing teaching and learning, the FDC provides instruction, support and consultation on a spectrum of academic technologies useful to faculty who teach in person, online, or in a blended environment. Technologies range from learning management systems, to multimedia development tools, to a variety of Web-based applications, statistical software, and making

technology-based information accessible to all. Teaching strategies and tips are integrated within workshops.

For more information on specific activities, workshops, programs, and events, contact the Faculty Development Center at 657-278-4722 or visit fdc.fullerton.edu.

### **GRADUATE STUDIES**

McCarthy Hall 103 657-278-2618

The Office of Graduate Studies provides campuswide leadership in graduate student affairs and operations. Central to its service is the evaluation of each student's graduate study plan for classification status, as well as the review of each student's record for completion of requirements (graduation check), and posting the awarding of the graduate degree. All master's theses and doctoral dissertations are reviewed in the Office of Graduate Studies, an important final step before graduation. The Office of Graduate Studies also serves the campus community as an authority on state regulations and campus policies overseeing procedures for graduate education and graduate students. The office offers several scholarship and fellowship programs for graduate students at CSUF. For more information visit fullerton.edu/graduate/.

#### **GRANTS AND CONTRACTS**

College Park 205 657-278-2106

The Office of Grants and Contracts provides assistance to University faculty and staff in their efforts to obtain external funding in support of their research and other scholarly activities. The office offers the following services: pre-proposal consultation; training on proposal preparation and submission; assistance with budget preparation; and complete review and timely submission of accurate proposals to external funding agencies. The office also: drafts, reviews and negotiates contractual documents; provides oversight of the internal routing, review and approval processes for all proposals submitted to extramural funding agencies; and coordinates regulatory compliance requirements for proposals. All necessary reports on proposal submissions are maintained by this office.

### **INFORMATION TECHNOLOGY**

Langsdorf Hall 700 657-278-8500

The Division of Information Technology must respond not only to the present needs of the campus, but we strive to position ourselves to serve the future needs of our students, faculty and staff. Our global goals are to enhance teaching and learning by providing access to innovative technology, to facilitate business effectiveness and efficiency, and to enable information access anytime and anywhere. We do this in partnership with the other divisions, as well as across the CSU with our sister campuses.

# INSTITUTIONAL RESEARCH AND ANALYTICAL STUDIES

McCarthy Hall 136 657-278-4205

## fullerton.edu/analyticalstudies

Institutional Research and Analytical Studies provides and promotes institutional self-understanding through research and analysis. The office is responsible for organizing and presenting research results, models, alternative scenarios, and other information essential to campus policy formulation, academic planning, resource allocation, assessment and quality, and institutional effectiveness.

Enrollment trends and forecasting, student and faculty demography, recruitment and retention, resource allocation and utilization, curricular change and student learning, and any other topic relevant to documenting and improving educational and institutional effectiveness are all within the office's purview. The office is an all-University, central resource for institutional facts and figures, methodological advice and problem-solving, and is also the chief source of official statistics for the campus.

# INTERNATIONAL PROGRAMS University Hall 244

657-278-2787

The Office of International Programs coordinates all aspects of the University's commitment to internationalization. It is responsible for overseeing and directing the internationalization of the curriculum. It also initiates and administers contacts with partner institutions throughout the world in order to foster the exchange of faculty and students. For further information, see the section of this catalog titled "International Programs."

# THE PAULINA JUNE AND GEORGE POLLAK LIBRARY 657-278-2714/2633

Chief among campus learning resources is the Pollak Library, named in 1998 after Dr. Paulina June Pollak – a CSUF English Professor Emerita – and her husband George. Located at the center of the campus and offering collections of approximately 3 million items, the Library consists of a six-story South Wing and a newer four-story North Wing.

In addition to book and bound periodical collections of more than 1 million volumes, the Library provides access to more than 150 online databases, and more than 30,000 electronic journals, and contains a wide array of other materials, including government publications (federal, state, local and international), audiovisual collections, archival and rare items, maps, microforms and computer software. Books and other materials are selected to support the learning mission of the University.

As part of the University's learning mission, the Pollak Library offers a variety of instructional programs and services. Library faculty conduct instructional sessions for CSUF classes in all disciplines One-to-one instruction in the use of the Library's collections and services is provided at the main Reference Desk. The Library is also

the site of the Information & Learning Commons (ilc.library.fullerton.edu/) including over 500 computers, smart group study rooms, tutoring services and more.

For the convenience of users, photocopiers, printers, and microform reader-printers are available in locations throughout Pollak Library. These are operated with coins or TitanCards. Other specialized facilities include media listening and viewing rooms, and group study rooms. Wireless Internet access is available on all floors of the library.

The TitanCard issued by the University serves as a Library card for checking out books and other materials. Library users are responsible for the on-time return of all materials charged out on their cards.

Reciprocal borrowing agreements with all other CSU libraries and some nearby academic libraries allow CSUF students, faculty and staff to visit and check out materials from those locations. In addition, Interlibrary Loan (ILL) obtains materials not owned by Pollak Library for CSUF students, faculty, and staff through local, state, and national interlibrary-loan networks.

The Pollak Library's home page (library.fullerton.edu) serves as the gateway to Library resources and offers a wealth of information about the Library's collections and services. Remote access to licensed library resources is provided to students, faculty and staff via portal authentication through the library home page gateway.

# **UNIVERSITY EXTENDED EDUCATION**

Registration and Information College Park 100

657-278-2611

University Extended Education (UEE) is a rich and varied component of California State University. UEE works with academic units to create and administer programs that extend the University's resources out into the community.

# Academic Credit Programs

UEE administers academic credit programs that are self-supporting and do not receive state tax revenue. These include: Intersession, Open University, the Fullerton FEMBA at Irvine, a Master of Science in Taxation in Irvine, a Master of Science in Counseling at Garden Grove, a Master of Social Work at Irvine, a full-time MBA, an online degree completion B.A. in Sociology, an online degree completion B.A. in Business Administration, contract credit programs for local and international constituencies, as well as administrative services for Summer Session.

# Professional Development Programs

Continuing education fills a critical need in a challenging job market. Certificate programs provide innovative learning experiences to help professionals stay current on the latest technologies and best practices, or to develop the skills and knowledge to explore a whole new career.

# Custom Workforce Training Solutions

Programs taught on-site at local companies and tailored to meet specific training needs yield proven results: development of real-world knowledge; improved team performance and productivity; increased employee satisfaction and retention; and an enhanced, shared knowledge base.

## Programs for Educators

A wide variety of programs are offered in the field of education. These include professional development in the areas of education of the gifted, reading, mathematics, beginning teacher training, technology, school business management, special education and online teaching.

### The American Language Program

ALP welcomes international students who want to improve their academic English language skills, increase their TOEFL and IELTS scores, and prepare for study at a U.S. college or university. Special features of this intensive academic English program include small class sizes, eight proficiency levels and conversation practice with American students. Student life activities are an integral part of the program. They provide social and cultural experiences and an opportunity to practice English in real-life situations.

#### Distance Education

The Distance Education Department extends the resources of California State University, Fullerton beyond its immediate geographic area through the use of technology. The Distance Education team helps develop and create classes that go beyond the traditional "face-to-face" classroom format and are delivered online or via interactive televised instruction (ITI).

# Summer Programs for Children and Teens

Summer Art Camp is an opportunity for youths aged 7-14 to immerse themselves in a variety of art forms while learning to express their creativity. Other classes are also offered to help teens and preteens advance their knowledge in topics such as mathematics.

## Learning in Retirement

Osher Lifelong Learning Institute at California State University, Fullerton (OLLI-CSUF) is part of a nationally recognized network of organizations for retirees, semi-retirees and those approaching retirement. OLLI-CSUF is self-supported and offers a wide range of classes and activities for an active, healthy life.

## International Programs

Programs are available for international educators, business professionals, government officials and college students. This includes: customized professional development programs in American business, public administration and education; University Semester Abroad, for international students who want to take a semester or a year of classes at California State University, Fullerton; and International Student Leadership, a three-week program for students from universities around the world.

Additional information may be found in the Special Academic Programs section of this catalog.

# Research Centers

#### **CALIFORNIA DESERT STUDIES CENTER**

McCarthy Hall 104 N, M 657-278-2428

The California Desert Studies Center, which is located in the Mojave National Preserve at Zzyzx, California, 11 miles southwest of Baker, California on I-15, is a moderately equipped field station of the California State University system. The center provides opportunities for individuals and groups to conduct research, receive instruction, and experience the desert environment. The center manages 1,280 acres under a cooperative management agreement with the Department of Interior.

As the gateway to the entire Mojave National Preserve and Death Valley National Park, there is easy access to fossil sites, remains of Indian villages, historical wagon trails, old army forts, mining sites, and the salt flats of Silurian and Soda Dry Lakes. Research and educational offerings include the Kelso Sand Dunes; Devil's Playground; Cima Volcanic Field; Cima Dome; the Providence, Granite and New York mountain ranges, and Landfair and Ivanpah Valleys.

The Desert Studies Center can accommodate 70 individuals in dormitory-style rooms. There is also a multi-station kitchen, bathhouse, laboratory, computer lab, two classrooms and a modest library. The center is a wireless facility with satellite uplink.

For more information, contact the Desert Studies office, at 657-278-2428 or email wpresch@fullerton.edu.

# CATALYST CENTER FOR THE ADVANCEMENT OF RESEARCH IN **TEACHING AND LEARNING MATHEMATICS AND SCIENCE**

McCarthy Hall 527

Director: Dr. Michael E. Loverude

657-278-7027

The Catalyst Center for the Advancement of Research in Teaching and Learning Mathematics and Science brings together science and math education experts from the colleges of Natural Sciences and Mathematics and Education to advance research in teaching and learning across the entire spectrum of math and science education, from preschool through graduate education and including informal education.

The Catalyst Center disseminates research that informs policy and practice in four key areas:

- Research on Teaching and Learning in Math and Science focuses on improving understanding of the ways students learn math and science, and best practices for teaching STEM subjects with the ultimate goal of improving achievement in pre-K-graduate math and science students (including cyberlearning).
- Research on Recruitment and Preparation of Math and Science Teachers focuses on the identification of innovative and effective strategies for recruiting and preparing high quality pre-K-14 math and science teachers.
- Research on Enriching the Professional Development and Experience of Teachers focuses on identifying best practices in designing, implementing, and evaluating meaningful professional development experiences for math and science pre-K-14 teachers.

#### RESEARCH CENTERS

California Desert Studies Center Catalyst Center for the Advancement of

Research In Teaching and Learning Mathematics and Science

Center for Applied Biotechnology Studies

Center for Autism

Center for Boys and Men

Center for Cancer Disparities Research

Center for Children Who Stutter

Center for Community Collaboration

Center for Corporate Reporting and Governance

Center for Demographic Research

Center for Economic Education

Center for Entertainment and Tourism

Communications

Center for Entrepreneurship

Center for Ethnographic Cultural Analysis

Center for Family Business

Center for Information Technology and Business

Analytics

Center for Insurance Studies

Center for International Business

Center for International Partnerships in Education

Center for Leadership

Center for Maximizing Teacher Impact

Center for Oral and Public History

Center for Public Policy

Center for Remote Sensing and

Environmental Analysis

Center for Research on Educational

Access and Leadership

Center for Sport Performance Center for Successful Aging

Center for Sustainability

Center for the Advancement of

Responsible Youth Sports

Center for the Promotion of Healthy

Lifestyles and Obesity Prevention

CSUF Archaeological Research Facility

CSUF Institute of Gerontology

Decision Research Center

Dr. John D. Cooper Archaeology and

Paleontology Center

Entertainment and Tourism Management Center

Fibromyalgia and Chronic Pain Center

Gianneschi Center for Nonprofit Research Gravitational-Wave Physics and Astronomy

Center

Hazel Miller Croy Reading Center

Health Promotion Research Institute

Institute for Economic and Environmental

Studies

Maxwell Center for International

Communications and Media

Ocean Studies Institute/Southern California

Real Estate and Land Use Institute

Sales Leadership Center

SchoolsFirst Center for Creativity and

Critical Thinking In Schools

Small Business Development Center

Small Business Institute

Social Science Research Center South Central Coastal Information Center

Sport and Movement Institute

Tucker Wildlife Sanctuary

Twin Studies Center

Program Evaluation on Math and Science Education objectives
are to establish the Catalyst Center as a leader in developing and
implementing evaluation approaches that robustly assess success
of math and science education projects and programs; and to
improve dissemination of program evaluation findings for grants
and projects to inform local, regional and national education
communities.

### **CENTER FOR APPLIED BIOTECHNOLOGY STUDIES**

McCarthy Hall 282 657-278-3614 657-278-3426 (fax)

The Center for Applied Biotechnology Studies is an interdisciplinary organization that provides research, consulting opportunities and services to the local and state biotechnology/biomedical communities through its applied research activities and workforce-oriented educational program. The goals of the center are: (1) to contribute to educational programs that will support workforce development in biotechnology with emphasis on such areas as biocomputing, biodevices, bioengineering and biopharmaceutics; (2) to create an environment where applied research by faculty and students is a primary objective; and (3) to foster interactions with biotechnology-biomedical industry locally, regionally and statewide.

The activities of the Center for Applied Biotechnology Studies are expected to increase the number of Cal State Fullerton students entering the biotechnology/biomedical workforce in Orange County and elsewhere, increase the number of applied research projects, increase the frequency of technology transfers into the biotechnology sector, and to become a vehicle for increased biotechnology/biomedical information flow between the University and the private sector. For more information, contact Dr. Marcelo Tolmasky at 657-278-5263.

# **CENTER FOR AUTISM**

### autismcenter.fullerton.edu

The CSUF Center for Autism is dedicated to research, education and service in autism spectrum disorders (ASD). Two cores constitute the Center for Autism. The Applied Developmental Core in the College of Health and Human Development focuses on understanding developmental processes in autism and promoting competence and wellbeing in children with ASD and their families. The Education Core in the College of Education equips teacher candidates in utilizing evidence-based supports for learners with ASD across the life-span. Major emphases of the center include research, empirically-based practice, and the application of research findings to assessment, advocacy, intervention and professional training. The Center for Autism website is located at autismcenter.fullerton.edu.

Applied Developmental Core contact information

Location: Education Classroom-560 Phone Number: 657-278-7891

Email: autismcenterkids@fullerton.edu

Website: autism center. fuller to n. edu/Applied Developmental Core

Education Core contact information

Location: College Park-570 Phone Number: 657-278-8623 Email: autismeducation@fullerton.edu Website: ed.fullerton.edu/autism/

### THE CENTER FOR BOYS AND MEN

boysandmencenter.fullerton.edu/657-278-5062

The Center for Boys and Men promotes research and community outreach in areas related to the psychological well-being of boys and men. The center facilitates scholarly work on male gender role norms and diverse forms of masculinity and how they intersect with mental health. The center also provides programs and trainings for local professionals in schools, mental health agencies, hospitals, and independent practice to help them respond to the mental health needs of boys and men. Special emphasis is given to issues where male gender norms affect the diverse communities within Southern California.

# **CENTER FOR CANCER DISPARITIES RESEARCH**

Kinesiology and Health Science 254 657-278-3822

The Center for Cancer Disparities Research was established in 2006 to address the increasing burden of cancer health disparities. In the U.S. cancer is the second most common cause of death, with ethnically diverse and other medically underserved populations disproportionately affected due to factors such as lack of access to care, unavailability of quality care and treatment, lifestyle/prevention factors, language barriers and poverty. The mission of the center is to promote scholarship and creative activities to improve the cancerrelated health of diverse and underserved populations in Orange County. Please contact Dr. Archana McEligot, center director, in Health Science 254, at 657-278-3822 (disparities fullerton.edu).

## **CENTER FOR CHILDREN WHO STUTTER**

College Park 150 657-278-4570

The Center for Children Who Stutter provides assessment and treatment for young children who stutter. These very young children require state-of-the-art prevention and treatment provided by professionals who are experts in stuttering.

Education and research to improve services for children who stutter are also goals of the center. The center was a logical extension of a four-year study (1992-1996) funded by the National Institutes of Health, which provided guidance in the selection of assessment and treatment approaches and access to the families of children who stutter in our service area.

The center provides internships for students who are in the Communicative Disorders master's program. Also, workshops are available for practicing speech pathologists to update their knowledge of fluency disorders.

The Center for Children Who Stutter is supported by the Department of Human Communication Studies and the College of Communications. The center works closely with the National Stuttering Association, a self-help group for people who stutter, and the Stuttering Foundation of America.

# **CENTER FOR COMMUNITY COLLABORATION**Educational Classroom 685 657-278-5681

The Center for Community Collaboration at California State University, Fullerton seeks to strengthen children, youth and families in collaboration with public agencies and community-based organizations through the support of the College of Human Development and Community Service.

The center focuses on the ever-evolving education and practice needs of the community by: (1) providing the highest quality learning opportunities through partnerships with other agencies or organizations to offer interdisciplinary training workshops and certificate programs for human services, community health and education professionals; (2) supporting applied scholarship, collaborative research, and dissemination of knowledge that informs, supports and strengthens the community such as collecting research data, identifying community needs, resources, funding streams, services and results; and (3) assisting the capacity building of communities with training and technical assistance in areas such as promising practices, outcomes assessment, and as an information resource on policy issues for organizations serving children, youth and families.

A highly regarded external advisory board, a multidisciplinary team of faculty from the College of Health and Human Development, and other units from the campus work to implement these goals.

For more information about the center, please contact Michelle Berelowitz at 657-278-5681.

# CENTER FOR CORPORATE REPORTING AND GOVERNANCE

Langsdorf Hall 555 657-278-4414

The Center for Corporate Reporting and Governance was formed in the wake of high-profile corporate scandals and the subsequent passage of the landmark Sarbanes-Oxley Act, in order to address the issues facing business and auditors in today's changing financial environment. The center's advisory board consists of managing partners of the Orange County offices of the Big 4, Grant Thornton, and regional accounting firms. The center hosts annual SEC conferences, publishes research on corporate governance and reporting, and provides training for senior management and boards. The center also organizes seminars on issues relating to reporting, corporate governance and ethics.

#### **CENTER FOR DEMOGRAPHIC RESEARCH**

College Park 750 657-278-3009

The Center for Demographic Research was established in 1996 to ensure Orange County continues its presence in the development and support of demographic information. The center is sponsored and governed by the County of Orange, Orange County Sanitation District, Orange County Transportation Authority, Transportation Corridor Agencies, Municipal Water District of Orange County, Orange County Water District, Orange County Council of Governments, Southern California Association of Governments, Orange County Local Agency Formation Commission and California State University, Fullerton.

The center operates in partnership with CSUF, and it makes its wealth of data readily available to faculty and student researchers, assists faculty in designing instructional activities in the field of demography, and draws upon faculty research and expertise in its project activities. Through such linkages, the center provides opportunities for CSUF and other institutions of higher education to benefit from participation in regional demographic concerns.

The center's primary function is to produce estimates and projections for housing, population and employment for a variety of geographic areas within Orange County. These efforts support both operational and long-range planning activities of government agencies, other public or quasi-public agencies and private organizations. The center's staff engages in a variety of collaborative activities and research including: regional planning efforts; transportation modeling data preparation; and professional support of county, city, special district, and local, non-profit agency planning and evaluation efforts.

# **CENTER FOR ECONOMIC EDUCATION**

Steven G. Mihaylo Hall 3357 657-278-2249

The Center for Economic Education at CSUF provides outreach programs in economic education for the Department of Economics. It is part of the network of California Centers affiliated with the California Council on Economic Education (CCEE) and with the National Council on Economic Education (NCEE). The major objective of the center is to promote and foster economic literacy in the schools (K-12), institutions of higher learning and in the community at large.

The center seeks to achieve these objectives through curriculum development and consultation, workshops and courses, materials dissemination and education research. The Center for Economic Education is part of the Mihaylo College of Business and Economics.

# CENTER FOR ENTERTAINMENT AND TOURISM COMMUNICATIONS

College Park 460-11/12 657-278-4302

#### communications.fullerton.edu/tourismcenter

The purpose of the Center for Entertainment and Tourism Communications is to facilitate effective collaboration between the CSUF College of Communications and tourism and entertainment stakeholders by fostering education and scholarship among faculty, students and professionals, and the partnership between academia and industry. The center's primary responsibilities are strengthening the college's relationship with the Orange County and California visitor and entertainment industry through student internships and placement, faculty research engagement, and professional development and training. As the leading voice on communications issues, research and trends critical to the progress of Southern California's entertainment and tourism professions, the center cultivates emerging communications talent with a strong faculty who are knowledgeable and committed to the advancement of industry leadership. For more information, contact the center's co-directors, Don Anderson 657-278-4302 or Dr. Jim Collison 657-278-4329.

#### **CENTER FOR ENTREPRENEURSHIP**

Steven G. Mihaylo Hall 4210 G 657-278-3464 entrepreneurship@fullerton.edu

The purpose of the center is to develop skilled and knowledgeable entrepreneurial leaders who will successfully compete in the ever-changing business environment. The center supports entrepreneurial education and research at California State University, Fullerton and creates linkages to the region's emerging growth companies. It serves as the focus for faculty, students, alumni entrepreneurs, and friends of the University to come together and create an exciting, high-energy entrepreneurial culture. The center also aims to have cross-disciplinary links to other CSUF colleges.

# **CENTER FOR ETHNOGRAPHIC CULTURAL ANALYSIS**McCarthy Hall 422

The Center for Ethnographic Cultural Analysis combines training in ethnography (as a technique of observing, recording and writing about other cultures) with various forms of cultural analysis, both quantitative and qualitative. The center promotes innovative educational projects, conferences, seminars and workshops. It also serves as a resource for schools and businesses within the community that may wish to draw upon the expertise of anthropology students and faculty who are trained to observe, record and analyze the qualitative complexity of human behavior.

#### **CENTER FOR FAMILY BUSINESS**

Steven G. Mihaylo Hall 5184 657-278-4182

The Center for Family Business, established in 1995 within the CSUF Mihaylo College of Business and Economics, is a partner-ship between the business community and Cal State Fullerton. Its mission is to enhance the well-being and survivability of Southern California family businesses by providing opportunities for education, interaction and information tailored to the needs and concerns of family-owned businesses.

# CENTER FOR INFORMATION TECHNOLOGY AND BUSINESS ANALYTICS

Mihaylo Hall 4170

Informationintellience.org

The center's mission is to be a source of innovation, communication and education in the field of business analytics and information technology. The center conducts workshops, seminars and other educational opportunities for its clients. The faculty and students associated with the center support businesses by providing consultation and other services. For more information, please contact the center's director, Rahul Bhaskar at 949-572-1911.

#### **CENTER FOR INSURANCE STUDIES**

Steven G. Mihaylo Hall 4280 657-278-3679/657-278-2045

The Center for Insurance Studies (CIS) was established by the Department of Finance in the Mihaylo College of Business and Economics in 1998, when Dr. Weili Lu was appointed director. The goal of the center is to create an organization that attracts and educates talented individuals who are committed to professional careers in the industry, including property, life, benefits, risk management, and health care components. The emphasis is on careers in actuarial science, claims, financial planning, insurance marketing, risk management, portfolio management, technology and underwriting. Operating strategies for CIS are constantly being developed and updated with the help of industry professionals. We also offer an actuary program and an insurance marketing entrepreneurship program, and a total of ten program courses. CIS presents a large number of scholarships each year that are available to business students. The Risk Management and Insurance Program created by the Center for Insurance Studies is now a concentration in the Finance Department. For more information, visit mihayloweb. fullerton.edu/centers/cis.

#### **CENTER FOR INTERNATIONAL BUSINESS**

Steven G. Mihaylo Hall 4157B 657-278-4674/657-278-3329

The main objective of the center is to promote the internationalization of the Mihaylo College of Business and Economics and its programs.

Specifically, the Center for International Business assists in creating and supporting study abroad programs for business students. The center also assists in creating and supporting faculty exchange programs with the college's partner universities. It also supports the college's faculty members in the creation and dissemination of research and teaching materials on international topics.

Through internships and outreach activities, the center supports the B.A. in International Business degree program. It also provides its assistance for students' recruitment, placement, program development and program assessment.

The center collaborates with other centers within the College and also with centers and international associations at universities nationwide. It creates and supports educational and training programs in areas of its interest.

# CENTER FOR INTERNATIONAL PARTNERSHIPS IN EDUCATION

College Park 570 657-278-3573

The Center for International Partnerships in Education (C-IPED) promotes a global perspective and internationalization of curricula, programs and research in the College of Education. The center facilitates intercultural awareness and global competencies among faculty and students by:

- support of collaborative opportunities for international faculty and student research focusing on, but not limited to the areas of teacher education, educational leadership, and technology in education:
- 2. recruitment of international students; and
- creation of international experiences in the field of education for CSUF students.

The center supports training teachers and educational leaders in a cross-cultural world to serve the regional diversity of Southern California. In response to an increasing number of requests for international partnerships in the areas of teacher education, higher education and educational technology, the College of Education has developed current international partnership opportunities at universities in Vietnam, Poland, South Africa, Korea and the Russian Federation. C-IPED will facilitate the development of these mutually beneficial working partnerships to support faculty and student participation in international professional activities. C-IPED will also support the dissemination of research in international journals that focuses on curriculum development, research-based best practices in education, and an overall global awareness in the field of education.

#### **CENTER FOR LEADERSHIP**

Steven G. Mihaylo Hall 5357-C 657-278-5170

#### leadership@fullerton.edu

The vision of the Center for Leadership is to develop the leadership capacity of students and the Orange County community through education, training and outreach. Our mission is to develop leaders by planning and delivering cutting-edge curriculum and leadership development experiences to undergraduate, graduate and executive-level students, alumni and organizations in Orange County.

The Center for Leadership's major initiatives include: a Leadership Scholars Program, Bringing Learning to Work, an annual Spring Leadership Conference, a new MBA concentration in organizational leadership, and the Managerial Interpersonal Skills Research Project. To learn more, contact leadership@fullerton.edu.

# **CENTER FOR MAXIMIZING TEACHER IMPACT** 657-278-2745

# ed.fullerton.edu/impact

The Center for Maximizing Teacher Impact works to put research into practice by uniting teacher education scholars across the College of Education in responding to the professional development and teacher assessment needs of local high-need schools and school districts. The center seeks to achieve this by utilizing the National Board for Professional Teaching Standards model as a framework for designing and implementing professional development programs, building professional coaching and mentoring capacity among local educators to support the continued growth of collegial examination of practice, and designing tools to evaluate effective practice.

# CENTER FOR ORAL AND PUBLIC HISTORY

Pollak Library-South, Room 363 657-278-3580

The Center for Oral and Public History was established in 2002 and takes the place of the Oral History Program, which originated in 1968. The center inherits the Oral History Program's diverse 4,250 audio and video interviews relating largely to Orange County, Southern California, and the western United States. Tapes and/or transcriptions of these interviews are available for student or community use through the center's office in Pollak Library-South, Room 363, Monday through Friday. An online catalog is being developed for accessing the center's holdings. Oral history workshops are provided by the center, which offers oral history classes through the History Department and the Ruby Gerontology Center.

As part of its extended mission, the Center for Oral and Public History connects the University with broader audiences by promoting historical skills and services related to editing, archives and record management, family/community studies, historic preservation, documentary film production, policy analysis, heritage tourism and high-technology media. An important function of the center is to advise interested students on courses and majors to develop their knowledge and skills in public history.

In addition, the Center for Oral and Public History undertakes extensive grant and contract work through its research associates, sponsors a publication program and coordinates transcribing and binding/embossing services. The operation of the center is under the auspices of the History Department, with funding support from the College of Humanities and Social Sciences.

#### **CENTER FOR PUBLIC POLICY**

University Hall 511 657-278-2933

The Center for Public Policy, located within the Division of Politics, Administration and Justice, is a nonpartisan organization dedicated to exploring solutions to the public policy issues of Orange County and the surrounding area served by Cal State Fullerton. The center conducts public opinion surveys on timely issues. The center also provides a setting for faculty research on applied issues relevant to our region. Finally, the center sponsors and co-sponsors public events that highlight the public policy challenges of the region, as well as possible solutions to the challenges. The director of the center is Dr. Stephen Stambaugh, chair, Division of Politics, Administration and Justice.

# CENTER FOR REMOTE SENSING AND ENVIRONMENTAL ANALYSIS

Geography Department Humanities and Social Sciences 419 657-278-8162

The Center for Remote Sensing and Environmental Analysis, housed in the Geography Department, was established in 2008 with funds from NASA and the College of Humanities and Social Sciences Dean's office. The center includes a 15-station remote sensing student learning center, and a three-station, state-of-the art advanced faculty-graduate student research and image processing facility. The goals of the center are to train undergraduate and graduate students for careers in the field of geospatial analysis and to provide technologically-advanced remote sensing tools for collaborative student-faculty research on environmental problems. Ongoing research projects involve urban forestry and watershed management in Orange County, tropical forest cover change in Malaysia and Brazil, and deglaciation impacts in the Himalayas. For further information, contact Dr. Jindong Wu, jindongwu@fullerton.edu, Dr. Robert Voeks, rvoeks@fullerton.edu, or Dr. Jonathan Taylor, jstaylor@fullerton.edu.

# CENTER FOR RESEARCH ON EDUCATIONAL ACCESS AND LEADERSHIP

College Park 520 657-278-8510

P-12 schools and colleges/universities in Orange and Los Angeles Counties partner with the College of Education to identify and respond to local problems and issues in schools. The center is a data-driven and solution-focused research center with a mission to identify short-term and long-term solutions to educational problems specific to educational leadership, practice, policy and change. Faculty, students, and community partners collaborate in research, evaluations, and efforts to eliminate the achievement gap.

### **CENTER FOR SPORT PERFORMANCE**

Kinesiology and Health Science Building, Room192 657-278-4605

hhd.fullerton.edu/knes/csp

The Center for Sport Performance conducts work to further knowledge of sport and also fosters a close collaboration between faculty, students and the community. This work enhances scholarly and creative activity while providing both undergraduate and graduate students with experiences outside the traditional classroom environment. The center maintains the preeminence of learning so integral to CSUF while providing a high quality program to meet the evolving needs of our diverse student body. In addition, the center also expands connections and partnerships with our region by engaging the community in a symbiotic relationship allowing us to teach students who will ultimately serve the community at large.

# **CENTER FOR SUCCESSFUL AGING**

Kinesiology and Health Science 011 657-278-7317

657-278-5666 (fax)

The Center for Successful Aging, through its educational, research, and service activities has as its mission the promotion of health and vitality, and the reduction of frailty and disability in later years. The specific goals of the center are to: (1) conduct interdisciplinary research on issues related to healthy aging; (2) provide professional training of students and health care practitioners working with older adults in a variety of settings; (3) offer a variety of health, psychological and functional assessments; (4) conduct a range of community-accessible programs based on the principles of whole person wellness; (5) collaborate and partner with community agencies and organizations to provide innovative programming and services aimed at improving the quality of life in later years; and (6) serve as an advocate for affecting public policy relative to healthy aging and fall risk reduction. Our whole person wellness programming is committed to helping older adults maintain a lifestyle that is of the highest quality attainable. A multidisciplinary team of faculty throughout the University works to implement these goals in collaboration with the director of the center, Dr. Debra Rose, professor of kinesiology.

#### **CENTER FOR SUSTAINABILITY**

Langsdorf Hall 321A 657-278-4373

The Center for Sustainability is the University's prime mover for green initiatives around a sustainable approach to economic and social development, and environmental protection. The center coordinates efforts to raise awareness about sustainability and to increase the level of sustainability in campus operations and activities. The center promotes inclusion of sustainability-centered topics in the curriculum, assists with external grant-seeking by faculty and other members of the University community, conducts public education programs and facilitates faculty collaboration across academic disciplines. For more information, contact the director, Dr. John Bock, visit the center in Langsdorf Hall 321A, view the website at sustainability.fullerton.edu or our Facebook page at facebook.com/ CSUFsustainability, email at sustainability@fullerton.edu, or call 657-278-4373.

# CENTER FOR THE ADVANCEMENT OF RESPONSIBLE YOUTH SPORT

Kinesiology and Health Science 133 657-278-3806/657-278-4386 657-278-5317 (fax)

The Center for the Advancement of Responsible Youth Sport, serving primarily Orange County, has as its mission the promotion of positive and developmentally appropriate sport and physical activity programs for youth populations. The center's goals are based on the understanding that parents, leaders, coaches and professionals have a responsibility to provide a safe, enjoyable, and developmentally appropriate experience for children and adolescents involved in organized youth sports. The structure of leagues, the training of coaches, and the behavior of adults and spectators ought to be consistent with this responsibility. As such, the center's mission and goals reflect the needs of a community increasingly reliant on sport and physical activity as an important educational tool for healthy children and adolescents.

For additional information, contact the center's directors: Dr. Lenny Wiersma at 657-278-3806 or Dr. Clay Sherman at 657-278-4386, or visit our website at hdcs.fullerton.edu/knes/Carys/default.htm.

# CENTER FOR THE PROMOTION OF HEALTHY LIFESTYLES AND OBESITY PREVENTION

Kinesiology and Health Science 106A 657-278-7000/657-278-4388 657-278-5317 (fax)

The Center for the Promotion of Healthy Lifestyles and Obesity Prevention, housed in the College of Health and Human Development, promotes interdisciplinary research and community outreach in areas related to children's health and weight management. The center facilitates interaction among multiple entities concerned with the rise in childhood obesity including University

faculty, schools, community agencies and policy-makers. Specifically, the center's three-fold mission is: 1) to work with schools and other community agencies to develop and test model health promotion programs and interventions; 2) to assess and evaluate existing programs and policies, and 3) to identify theoretical models and environments that can explain and influence behavior patterns across different high-risk groups. As such, the mission and goals of the center reflect the needs of the community by providing education and outreach to children and their families regarding healthy lifestyles and prevention of obesity.

For more information, contact Dr. Shari McMahan at 657-278-7000 or Dr. Jie Weiss at 657-278-4388.

# CSUF ARCHAEOLOGICAL RESEARCH FACILITY McCarthy Hall 2

The CSUF Archaeological Research Facility houses archaeological material (much of it from Orange County) and sponsors and conducts a variety of activities for CSUF students and the community. Through field work, donations and permanent curation agreements, the center has accumulated an extensive collection of about 4,000 cubic feet. With its laboratory equipment, computer facilities, comparative collections and research library, the center serves as a source for other colleges and universities, as well as professional archeologists in public agencies and private organizations. CSUF students may earn their master's degrees by analyzing these materials.

# **CSUF INSTITUTE OF GERONTOLOGY**

Ruby Gerontology Center Room 8 657-278-4686

The Institute of Gerontology is located within the Ruby Gerontology Center and brings together the many varied aspects of aging-related education and research at CSUF. The mission of the institute is the advancement of successful aging practices through education, research and community service. Programs and projects developed and sponsored by or affiliated with the institute promote successful aging within the broad parameters of wellness of mind and body and through the implementation of appropriate public policies.

The institute enhances the dissemination of information pertaining to gerontology and engenders multi- and inter-disciplinary research and projects, promoting a University environment that is congenial for such research and activities in gerontology. The institute fosters the communication of ideas and information concerning gerontology, and whenever possible, the activities and programs are structured to allow the full participation of all its members.

#### **DECISION RESEARCH CENTER**

Humanities 532 657-278-2102

The Decision Research Center in the Department of Psychology, established in 1986, supports research and instructional activities of faculty and students in the study of behavioral decision-making. Research conducted in the center includes experimental and theoretical studies of: (1) basic psychological laws of judgment and decision-making under conditions of risk, uncertainty and ambiguity; (2) effects of sudden changes in wealth on a person's attitude toward risk (such as the effects of winning the lottery on financial decisions); (3) effects of the judge's point of view on judgments and decisions, and (4) combination of information from sources of varied expertise and bias to form judgments and decisions.

# DR. JOHN D. COOPER ARCHAEOLOGY AND PALEONTOLOGY CENTER

Santa Ana, California 714-647-2100

The John D. Cooper Archaeological and Paleontological Center is a curation, education, and research facility operated in partnership with the County of Orange. Located in Santa Ana in its own facilities, the center maintains well-equipped laboratories for fossil and artifact preparation, curation and storage.

The center's diverse archaeological holdings range in age from at least 10,000 years ago until 50 years ago. The extensive collection includes materials from all areas and environmental zones throughout the County and covers a range of prehistoric and historic activities.

The paleontological collection of vertebrates, invertebrates and plants spans every major time period since the Jurassic period, which is 180 million years of Orange County life. Significant collections of Miocene marine mammals contain many species new to science and terrestrial animals and plants, most of which are now extinct.

Faculty and students from CSUF and other colleges and universities may study these materials for research purposes. The center encourages the use of its materials for community and school outreach, and holds several major events in OC Parks throughout the year.

# ENTERTAINMENT AND TOURISM MANAGEMENT CENTER

657-278-8624

The Entertainment and Tourism Management Center provides research-based resources and high quality educational programs addressing the needs of individuals and companies involved in these significant industries. In fulfillment of its mission the center will provide academic and practical support for student learning; provide new opportunities for faculty and student research; encourage faculty and student involvement with the entertainment, tourism and hospitality business community; enhance faculty and student recruitment; and offer new opportunities for seeking grants, contracts and philanthropic donations to support faculty and student research.

# THE FIBROMYALGIA AND CHRONIC PAIN CENTER Kinesiology and Health Science 106F 657-278-7031

The Fibromyalgia and Chronic Pain Center is a nonprofit organization dedicated to an integrative approach to help people with fibromyalgia and other chronic pain conditions manage their symptoms, improve their functionality, and increase their quality of life. The center is located in the Kinesiology and Health Science Complex on the Cal State Fullerton campus.

# GIANNESCHI CENTER FOR NONPROFIT RESEARCH Center for Internships and Community Engagement Langsdorf Hall 206 657-278-5376

A part of the Center for Internships & Community Engagement since 2007, the Gianneschi Center supports research for and about the nonprofit sector, and organizes a variety of programs, such as the annual Gianneschi Summer School for Nonprofits, that strengthen the capacity of nonprofits to ensure quality service placements for our students.

Charitable organizations are a vital part of the social fabric, ranging from symphony orchestras and hospitals to community clinics and animal shelters. Their services, impact and economic scope are substantial, yet the sector as a whole is little understood.

The Gianneschi Center for Nonprofit Research was established to serve the Orange County community and the field of nonprofit sector research as the repository for data about philanthropic, charitable and volunteer activity in this county. The center published the first formal study of Orange County's nonprofit sector in 1996. Ongoing activities include maintaining the Orange County nonprofit database, encouraging scholarly research of the sector, involving practitioners and funders in designing future research projects and facilitating meaningful discussion of issues affecting the nonprofit sector.

# GRAVITATIONAL-WAVE PHYSICS AND ASTRONOMY CENTER

McCarthy Hall 601 657-278-3366

# physics.fullerton.edu/gwpac/

The Gravitational-Wave Physics and Astronomy Center conducts research, education and outreach in gravitational-wave science.

Gravitational waves are a phenomenon predicted by Albert Einstein's General Theory of Relativity. A worldwide network of detectors, including the Laser Interferometer Gravitational-wave Observatory (LIGO), is closing in on the first detection of gravitational waves. This will provide a fundamentally different way to observe the Universe, bringing us new information about Nature's most violent astrophysical events, such as supernovae and collisions between black holes and neutron stars.

The Gravitational-Wave Physics and Astronomy Center brings together faculty, students, and staff at CSUF with an interest in gravitational-wave science. Our research involves modeling sources of gravitational waves, understanding the gravitational-wave signals they produce, measuring signals in the LIGO detectors, and improving the sensitivity of the detectors. Our members include students and scientists from a variety of backgrounds. We are helping to train the next generation of gravitational-wave scientists and promoting a diverse scientific community. We also work together to communicate new scientific developments to the public.

#### **HAZEL MILLER CROY READING CENTER**

College Park 570-30 657-278-4530

The Hazel Miller Croy Reading Center supports the Reading Department's Reading Clinic, which provides research-based diagnostic and remedial services to school-aged children in the community. The center serves as a community service providing low cost, high quality instruction in reading that is not available elsewhere in Orange County.

# **HEALTH PROMOTION RESEARCH INSTITUTE**Kinesiology and Health Science 106 A-F 657-278-8145

657-278-5317 (fax)

The Health Promotion Research Institute, housed in the College of Health and Human Development, has the mission of creating collaborative, multilevel solutions that empower individuals and communities to achieve optimal health for all. The institute coordinates and advances interdisciplinary health research efforts at CSUF; facilitates increased proposal writing and external support for health-related research; provides enriched opportunities for student involvement in health research; and collaborates with community leaders in addressing critical public health issues in Southern California.

# INSTITUTE FOR ECONOMIC AND ENVIRONMENTAL STUDIES

Steven G. Mihaylo Hall 3357 657-278-2509

The Institute for Economic and Environmental Studies issues regular economic forecasts, provides analysis-based, policy-oriented research on economic and environmental issues, and studies regional economic impacts. The institute undertakes independent studies, as well as contract research, into the areas of its focus, working with private and public entities. It seeks funding for research and training; sponsors conferences and workshops; presents studies and reports of interest to business, government, academic and general communities. Whenever possible, the institute's activities are structured to allow the participation of graduate and undergraduate students at Cal State Fullerton.

# MAXWELL CENTER FOR INTERNATIONAL COMMUNICATIONS AND MEDIA

College Park 650-2 657-278-3271

#### communications.fullerton.edu/maxwellcenter

The goal of the Maxwell Center for International Communications and Media is to create global awareness, global citizens and global leaders. Based in the College of Communications, it promotes student as well as faculty interest, research, and collaboration in international communication and media studies. Internally, the Maxwell Center is focused on building and managing international programs for students and faculty. Externally, the center is focused on designing programs that increase international and intercultural awareness, participation in media and political processes, and international media development. For more information, please visit the Maxwell Center's website or contact Director, Dean Kazoleas at 657-278-3271.

# OCEAN STUDIES INSTITUTE/SOUTHERN CALIFORNIA MARINE INSTITUTE

McCarthy Hall 282 657-278-3614

The Ocean Studies Institute, which consists of eight California State University campuses (Dominguez Hills, Fullerton, Long Beach, Los Angeles, Northridge, Pomona, San Bernardino and San Marcos), participates in training scientists and educating the general public by coordinating and facilitating marine educational and research activities. In 1994, the OSI partnered with the University of Southern California and Occidental College to form the Southern California Marine Institute, which is located at 820 South Seaside Avenue, Terminal Island, CA 90731; 310-519-3172; Fax 310-519-1054; scmi.us/

Through its affiliation with the Marine Institute, the OSI provides facilities for introducing students to the marine environment, supporting faculty and student research, and for intensive participation by students pursuing professional programs. The OSI owns and operates the R/V Yellowfin (76-foot vessel), which is used by classes and research programs in biology, geology and ocean engineering. In addition to research vessels located at Terminal Island, the facility includes a 5,000-square-foot building with laboratories, classrooms and a running sea water system.

Each fall, the OSI offers the CSU Marine Biology Semester at the University of Southern California Wrigley Marine Science Center on Santa Catalina Island. Undergraduate and graduate students live on the island and complete three intensive, field-based courses. For additional information, contact the Biology Department or scmi.us/category/ocean-studies-institute/csu-marine-biologysemester.

#### **REAL ESTATE AND LAND USE INSTITUTE**

Steven G. Mihaylo Hall 5163 657-278-4125

#### relui@fullerton.edu

The Real Estate and Land Use Institute is a branch of the California State University system's applied research and professional and public education center for real estate and urban land use. The mission of the institute is to promote and advance real estate education at CSUF, including research, curriculum, program reputation, student placement, and outreach to the local business community.

#### **SALES LEADERSHIP CENTER**

657-278-2527

The Sales Leadership Center, one of the Centers of Excellence in the Mihaylo College of Business and Economics, at CSUF, seeks to "ignite sales careers." Serving CSUF students and the Orange County business community, the center offers career programs, scholarships, internships, and a sales lab. The center also offers special sales training classes leading to a Certificate of Professional Sales. If interested, please visit us at fullerton.edu/sales and click on "Stay Informed."

# SCHOOLSFIRST CENTER FOR CREATIVITY AND **CRITICAL THINKING IN SCHOOLS**

657-278-8669

Cal State Fullerton's SchoolsFirst Center for Creativity and Critical Thinking in Schools fosters 21st century competence for today's preschool through grade 12 students. We build partnerships with local schools, working with teachers to develop the knowledge, skills and attitudes that students need in order to thrive in this exciting, digital and global century. Our partnerships focus on developing creativity, collaboration, critical thinking, and decision-making across the curriculum. We work collaboratively with partners to infuse the arts, science and technology as central components of the educational experience. For more information, contact Dr. Teresa Crawford, director, at 657-278-8778 or visit cccts.fullerton.edu/.

### **SMALL BUSINESS DEVELOPMENT CENTER**

Steven G. Mihaylo Hall 5313

657-278-2719

The Orange County/Inland Empire Regional Small Business Development Center Network provides small businesses with oneon-one technical assistance, training and access to capital in Orange, Riverside and San Bernardino counties. To learn more about our small business services and locations, please visit leadsbdc.org. For further information, contact Priscilla Lopez, regional director, Orange County/Inland Empire Regional SBDC Network, CSUF Mihaylo College of Business and Economics, 800 North State College Blvd., SGMH 5313, Fullerton, CA 92831; or email sbdcend@ fullerton.edu.

#### **SMALL BUSINESS INSTITUTE**

Steven G. Mihaylo Hall 5323 657-278-3464

### entrepreneurship@fullerton.edu

The Small Business Institute has many programs designed to guide and assist smaller, fast-growing businesses. One of the most important is its program in which faculty and students offer business consulting to 100 firms a year. The students are graduating seniors or MBA candidates who work under the close direction of faculty advisers. They prepare a major report that includes recommendations for improved performance.

More than 1,800 Orange County firms have received this service. The institute selects outstanding reports to submit to the national case competitions. In 1996, 1997, 2000, 2001, 2002, 2004, 2005, 2007, 2008, 2009, 2010 and 2012, teams of students were named national winners. Many other teams won top 10 in the nation.

### **SOCIAL SCIENCE RESEARCH CENTER**

McCarthy Hall 38 657-278-7691

The Social Science Research Center (SSRC), under the auspices of the College of Humanities and Social Sciences, provides research services to community organizations and research support to CSUF faculty members. The center's primary goal is to assist nonprofit and tax-supported agencies and organizations to answer research questions that will lead to improved service delivery and public policy.

The SSRC conducts surveys, evaluation research and other applied research activities to meet its clients' information needs. The center conducts multilingual telephone surveys from its 24-station computer-assisted telephone interviewing (CATI) lab, as well as Webbased, mailed and face-to-face surveys. The SSRC advocates the use of qualitative methods in applied research, and conducts focused group discussions and semi-structured interviews in addition to employing quantitative techniques. SSRC staff can assist with proposal preparation and in all phases of social research including the development of survey and evaluation instrumentation, research design, data collection, statistical and qualitative analysis, and technical report writing. In this context, the center provides applied research training opportunities to CSUF students and faculty.

# SOUTH CENTRAL COASTAL INFORMATION CENTER McCarthy Hall 477

Hosted by the College of Humanities and Social Sciences and linked with the Department of Anthropology, the South Central Coastal Information Center (SCCIC) is one of 10 regional information centers in California that comprise the California Historical Resources Information System (CHRIS). CHRIS works under the direction of the California Office of Historic Preservation and the State Historic Resources Commission. These information centers provide historical resources information to local governments and individuals with responsibilities under the National Environmental Policy Act, National Historic Preservation Act, and California Environmental Quality Act.

Since its inception in the early 1970s, the SCCIC (formerly housed at UCLA) has been a fundamental source of archaeological and historical resource information for Ventura, Los Angeles and Orange Counties. The SCCIC now maintains the most extensive historical resources information base available for south central coastal California (including records of prehistory and historic archaeological sites, reports of historical resource studies, and historic resources inventory records).

Information about historical resources is maintained in various forms such as 7.5' USGS Quadrangle Maps, historical resource records and reports, and computerized data. SCCIC clients are generally archaeologists, historians, architectural-historians, developers and planning agencies. For more information, see anthro.fullerton.edu/sccic/Default.htm.

### **SPORT AND MOVEMENT INSTITUTE**

# Kinesiology and Health Science 121 657-278-3316

The purpose of the Sport and Movement Institute is to promote an atmosphere congenial to research, creative activity and services concerned with human movement and its related phenomena. Specifically, the organization endeavors to: (1) provide services of evaluation, consultation and advisement; (2) foster and encourage the generation and communication of ideas and information; (3) interpret and facilitate the practical application of research findings; (4) provide opportunities for individuals and community groups to participate in activities of the institute that include clinics, workshops and seminars; and (5) promote and support research and other scholarly activities on the part of the membership.

#### **TUCKER WILDLIFE SANCTUARY**

McCarthy Hall 166

657-649-2760/657-278-2638

Tucker Wildlife Sanctuary is a 12-acre non-profit education center and nature preserve located in the heart of Modjeska Canyon, adjacent to the Cleveland National Forest. It is owned and operated by California State University, Fullerton, and its College of Natural Sciences and Mathematics. Tucker Wildlife Sanctuary has a dual mission - to support science and environmental education and to act as a sanctuary for the preservation of local native habitat and wildlife. Tucker serves as a unique field research center for college and university students and as a field trip destination for K-12 schools. Its programs are built on the California Standards for Science Education. Tucker is open to the public Tuesday through Sunday 9 a.m. - 4 p.m. for visitors to enjoy and learn about the local wildlife and natural habitat of Southern California. Naturalist-led group tours are available for \$6/person. Admission to the sanctuary is free. Tucker's facilities include a small natural history museum/interpretive center, two ponds, a bird observation porch, feeders, relaxing picnic areas, a small amphitheater, hiking trails and a gift shop. For tour reservations, call 714-649-2760. For more information, visit tuckerwildlife.org.

### **TWIN STUDIES CENTER**

**Humanities 521J** 

657-278-2568

The Twin Studies Center of the Psychology Department is designed to serve two purposes: (1) conduct research projects on twins that will contribute to knowledge concerning the rearing and educating of twins and enhance our understanding of human development; and (2) provide information to the public concerning psychological and biological aspects of twinship. Dr. Nancy L. Segal is the director of the Twin Studies Center.