

Shaping Your Organization's Future with CSUN

Custom-Designed
CSUN Programs
And Services

CSUN.

CALIFORNIA
STATE UNIVERSITY
NORTHBRIDGE

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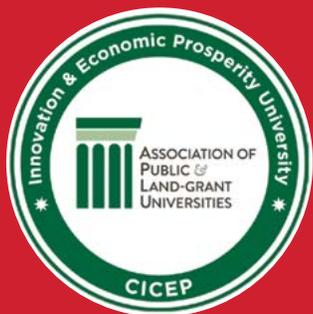
Build the Future You Envision

California State University, Northridge (CSUN) is committed to making a positive and significant impact on the future of Greater Los Angeles, the state of California and the nation. This includes building the national and international relationships essential to the future of contemporary urban economies and communities.

CSUN's research, as well as its educational resources and capabilities, are considerable and growing. Contributing to that growth are its **working partnerships with other universities, businesses and industries**. That's not to mention CSUN's extensive relationships with countless public sector agencies, professional associations and community development organizations at the regional, national and international levels.



*In early 2018 CSUN was named an **Innovation and Economic Prosperity University** by the Association of Public and Land-grant Universities (APLU). Institutions that earn the designation are recognized for their **efforts to promote innovation and entrepreneurship, excellence in technology transfer, leadership in talent and workforce development**, establishing strong government-university-industry partnerships, and fostering community and “place” development through public service, engagement and outreach.*



Distinctions

- ★ The journal Nature Index ranked CSUN in its 2016 *Top 25 Rising Stars for research*. CSUN ranked alongside Stanford, Columbia and Carnegie Mellon universities, and is the only California State University on the list.
- ★ CSUN placed ninth in the Wall Street Journal's 2017 ranking of *"The 20 Colleges That Improve Critical Thinking Skills the Most"*.
- ★ CSUN was included in the *Top 35 "2017 Rankings of Western Regional Universities"* by College Choice. College Choice also ranked CSUN 10th in its 2017 *"Best Online Colleges in California."*
- ★ GoGRAD ranked CSUN's online MSW program ninth in the nation in its 2016 *"Top Online Master's in Social Work"* list.
- ★ Accredited Schools Online ranked CSUN in the top 20 in its list of *"Best Online Schools in California for 2015–2016 – 4-Year Colleges."*
- ★ CSUN is an *active research partner with the Advanced Manufacturing Partnership for Southern California (AMP SoCal)*. This consortium of government, academia and industry is charged with strengthening aerospace and defense manufacturing and its supply chain.

As you think about the future of your organization, association, agency or community and what you would like to achieve looking ahead for the next three, five or ten years, it may be time to talk with CSUN. The university is prepared to discuss the changes, challenges and opportunities you face, and to help you use CSUN's vast resources and capabilities to build the future you envision.

Shape Your Organization's Future

through a Sustained Research,
Development and Innovation
Relationship with CSUN

CSUN's faculty members are at the forefront of discovery and innovative research. Increasingly, organizations struggle to maintain the research and development components necessary to remain competitive in the shifting, global market. Many of those organizations also find it difficult to retain talented research and development experts. That's especially true in evolving fields and disciplines, such as the burgeoning tech sector.



To address this challenge, numerous organizations are developing project-specific and sustained research relationships with universities like CSUN.

CSUN is a large university with **more than 2,000 faculty members in over 125 fields and disciplines**. With more than \$32 million annually in grants and contracts, CSUN is committed to research, scholarship and creative activity.



GRADUATEPROGRAMS.COM

RANKED THE MPA* PROGRAM FIRST

IN ITS 2016 TOP PUBLIC ADMINISTRATION

GRADUATE PROGRAMS LIST.

**Master of Public Administration*

Research

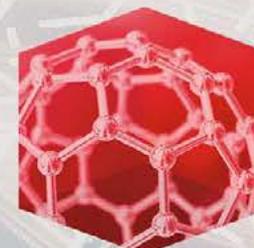
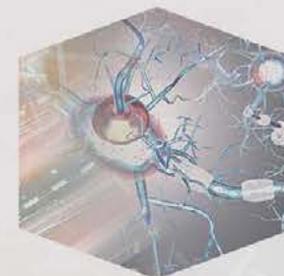
The following examples illustrate the range and complexity of CSUN research:

Backed by an **\$18.5 million grant** from the National Science Foundation (NSF), Physics Professor **Nicholas Kioussis, Ph.D.**, uses computational physics to probe the nanoscale for radical **new forms of energy and material**. A lineup of diverse researchers — some physicists, some students — work with Kioussis at CSUN's W.M. Keck Computational Materials Theory Center to conduct transformative research on particles often smaller than a single strand of DNA.

With a grant from the National Institutes of Health, Biology Professor **Lisa Banner, Ph.D.**, is conducting research to understand and **treat diabetic neuropathy**.

In CSUN's Developmental Oncogene Laboratory, **Jonathan Kelber, Ph.D.**, is conducting groundbreaking **breast and pancreatic cancer research**. The National Institutes of Health awarded Kelber, associate professor of Biology, a four-year, **\$1.46 million grant** to support his research team in their ongoing efforts.

Physics Professor **Debi Prasad Choudhary, Ph.D.**, applies a National Science Foundation grant to research the use of modern ground-based instruments to study **3D structures of the magnetic field**.



“For many years, I’ve witnessed first-hand how CSUN has utilized its position as a regional leader to disseminate the university’s extensive and diverse resources to benefit so many sectors of our community. Among these resources are the University’s varied graduate and professional education programs, as well as research, that collectively add depth, innovation, and ‘big picture thinking’ to our businesses and civic organizations.”

*Marianne Hill
Executive Director, Propel L.A.,
Countywide Strategic Plan for
Economic Development*

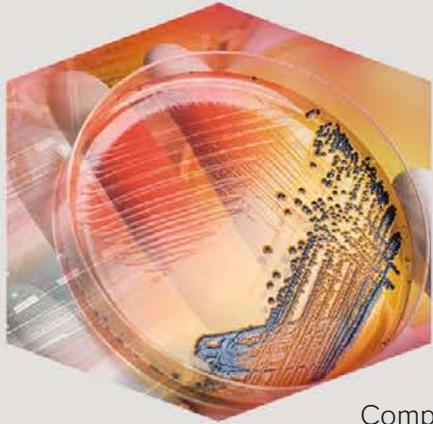
*Los Angeles County Economic
Development Corporation (LAEDC)*

In cooperation with NASA-JPL, **Susan Belgrad, Ed.D.**, professor of Elementary Education, applies exciting educational content to **promoting NASA missions** to educators and academic professionals.

Under a National Science Foundation grant, Physics Professor **Igor Beloborodov, Ph.D.**, is conducting **research on numerous nanotechnologies** — from the heating effects in infinitesimal structures, to nanoscale magnetism and superconductivity. His research involves university and national laboratory partnerships.

Backed by the U.S. Department of Agriculture, **Chhandak Basu, Ph.D.**, associate professor of Biology, is probing a range of fuels, chemicals and materials to develop a **sustainable bioenergy system**.

Psychology professor **Erica Wohldmann, Ph.D.**, founded CSUN’s Organic Food Garden, which educates students and the community about sustainability and healthy eating. She is dedicated to informing students and the community about issues related to **food, the food industry, nutrition and sustainable agriculture**. Dr. Wohldmann serves as interim director of CSUN’s Institute for Sustainability and works on stormwater programs and meeting greenhouse gas emission goals.



David Bermudes, Ph.D., associate professor of Biology, is attempting to harness the potential of **salmonella bacteria to selectively kill tumor cells**. His work is funded by a grant from the National Institutes of Health.

Computer Science Professor **Shan Barkataki, Ph.D.**, is exposing students to **enterprise computing systems** — the same as those used by large organizations, including major tech firms. These students gain access to restricted systems and write code for academic, research and professional purposes.

Sociology Professor **David Boyns, Ph.D.**, has funding from the National Endowment for the Arts to **research theater as a therapeutic intervention** for teens on the autism spectrum.

Funded by the National Institutes of Health, **Yann Schrodi, Ph.D.**, associate professor of Chemistry, is hunting for cheaper, **nontoxic alternatives** to the rare transitional metals currently needed to produce many drugs and treatments.



To explore a more comprehensive list of CSUN's currently funded research, please visit www.csun.edu/faculty/scholarship. And for CSUN faculty profiles and research interests, see www.csun.edu/faculty.

Using CSUN's high-resolution mass spectrometer — housed in the university's PLASMA lab — **Joshua Schwartz, Ph.D.**, associate professor of Geology, is studying the **isotope ratios of uranium and lead** within minerals in molten rocks.

Health Sciences Professor **Sloane Burke-Winkelman, Ph.D.**, is principal investigator on a grant funded by the U.S. Department of Education to **increase the number of Hispanics** and other **underrepresented students** completing their graduate education.

Physics Professor **Ana Cadavid, Ph.D.**, is working on a National Science Foundation program called STEPS, which seeks to **increase retention** and success in **engineering and physical science degree programs**, diversify the **STEM workforce**, and foster research and curriculum on sustainability issues.

Special Education Professor **Nancy Burstein, Ph.D.**, is principal investigator on a three-year Teacher Quality Partnership grant from the U.S. Department of Education to **prepare special education teachers for high-need schools** in the Los Angeles Unified School District.



Achievements

In addition to the remarkable variety of faculty expertise, certain organizations also engage CSUN's more advanced students — often those at the graduate level — in their research and development projects. This is a smart choice given the breadth of student expertise and, of course, the sheer size of the university's tremendous collegiate network.

Recent student achievements include:

- ★ *The American Society of Civil Engineers awarded the CSUN team second place (out of 17 competitors) at the 2015 regional National Student Steel Bridge Competition.*
- ★ *CSUN's Mechanical Engineering student team took first place in the 2017 E-Fest North America West Human Powered Vehicle (HPV) Challenge, hosted by the American Society of Mechanical Engineers.*
- ★ *CSUN ranked second in the 2017 SAE (Society of Automotive Engineers) International "Aero Design West 2017" competition for engineering students. Students designed an aircraft called The Dragon capable of dropping humanitarian aid packages.*
- ★ *Manufacturing Systems Engineering & Management students were recognized in the 2017 Small Manufacturers' Institute (SMI) Manufacturing Challenge & Exposition. They won the grand prize three years in a row.*



In 2015, CSUN received an EDDY Award for Educational Leadership, celebrating the university's exceptional public and private leadership in L.A. County economic development. In recognition, Los Angeles Mayor Eric Garcetti had the following to say:

"I know firsthand CSUN's importance – not just for the communities of the San Fernando Valley, but for all of Los Angeles. With more than 300,000 alumni, there are few institutions with a greater footprint on L.A.'s economic development."

Go Global with CSUN

Let Us Connect You
to the World

CSUN is a university with deep international expertise — due, in large part, to a faculty with **academic and cultural roots spanning many nations** around the world. The ongoing research and scholarship of faculty members link them to important global conversations and innovative work across many fields and disciplines.

As organizations seek to expand their international reach, a **working relationship with CSUN can be a significant advantage**. Through research and educational relationships, CSUN can help organizations understand the many contexts of particular nations or regions.

The university can also **create professional development programs** for partner organizations. These can be designed to build broader cross-cultural understanding among senior staff, or to focus on specific fields or markets — regional, global or otherwise.

CSUN's faculty members have significant expertise in the histories, cultures, languages, political dynamics and contemporary realities of many nations and regions around the globe. A research or educational relationship with **CSUN can help** an organization systematically explore how to build regional partnerships and enter valuable new markets.

CSUN TAKES PART IN THE
CSU5. A NETWORK OF FIVE CSUs
IN LOS ANGELES COUNTY.
CSU5 SUPPORTS BUSINESS, ECONOMIC
AND COMMUNITY DEVELOPMENT
IN GREATER LOS ANGELES.



Another significant factor is the excellence and distinction of CSUN's programs. That, and the opportunity to participate in research alongside the university's accomplished faculty — a feature that extends to both undergraduate and graduate students. Add to that CSUN's reputation as an **open, diverse, welcoming campus**, and it makes sense that international students attend in record numbers.

Among peer institutions, CSUN is regularly **ranked in the top three** — often #1 — for the percentage of international students enrolled in its degree programs. CSUN's rich, global influence is just one feature that attracts countless international students to the university.

CSUN has **more than 50 international agreements with other colleges and universities worldwide** for education endeavors. These relationships are a significant resource for CSUN, its students and those who work with the university.

To explore how CSUN can help your organization go global, please call **Vanessa Andrade**, Associate Director of International Partnerships and Programs Development, at **(818) 677-5948** or email **vanessa.andrade@csun.edu**.



Build Organizational Capacity

Develop Your
High-Talent Workforce

The Organizational Advantages of CSUN Advanced Professional Development Workshops, Seminars and Certificate Programs

CSUN designs professional development programs across fields and disciplines for staff at a variety of levels. This includes those who hold a baccalaureate or graduate degree as well as those in more senior roles within organizations.

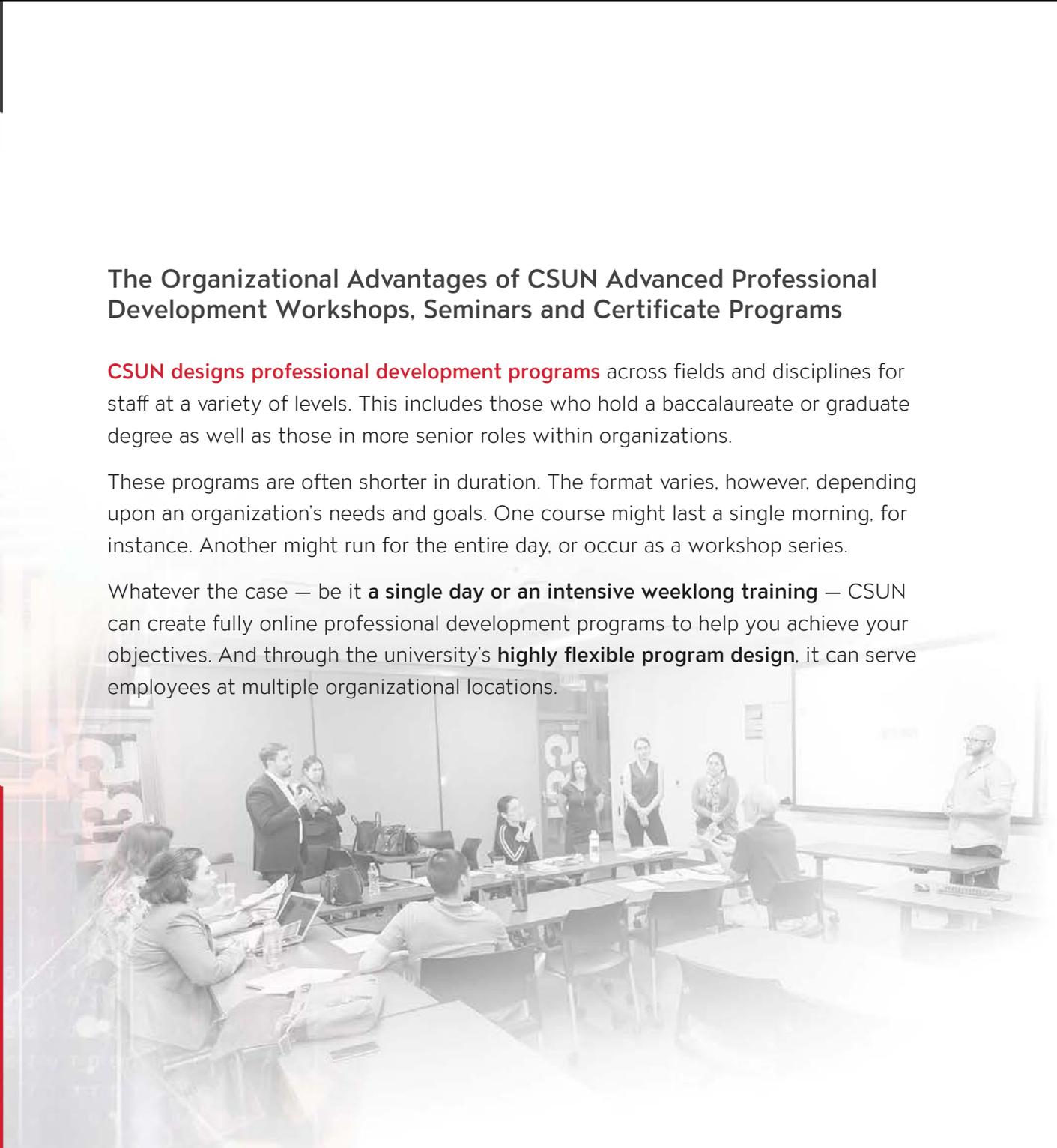
These programs are often shorter in duration. The format varies, however, depending upon an organization's needs and goals. One course might last a single morning, for instance. Another might run for the entire day, or occur as a workshop series.

Whatever the case – be it **a single day or an intensive weeklong training** – CSUN can create fully online professional development programs to help you achieve your objectives. And through the university's **highly flexible program design**, it can serve employees at multiple organizational locations.

THE DAVID NAZARIAN COLLEGE
OF BUSINESS AND ECONOMICS
WAS INCLUDED IN THE
PRINCETON REVIEW'S 2018

"BEST BUSINESS SCHOOLS (WEST)"

LIST.



Such professional development programs usually do not carry traditional academic credit. However, enrollment in — and successful completion of — such programs are recorded on the professional development section of the official CSUN transcript. This applies to each employee enrolled in the program, providing a long-term record of additions to the individual's educational credentials.

Professional development programs created in partnership with CSUN can address broader organizational needs in areas such as **effective planning, team leadership, communications, leading organizational change, design thinking/solution design, project management, financial management** and so on.

CSUN can also work with organizations to develop programs that are specific to certain fields, such as new materials, developments in green and renewable energy, emerging autonomous vehicle technologies, software development as well as many other discipline and field-specific topics.



BEST ENGINEERING COLLEGES.COM
RANKED THE COLLEGE OF ENGINEERING
AND COMPUTER SCIENCE IN THE
**TOP 10% OF ENGINEERING
COLLEGES NATIONALLY,**

AND IN THE TOP 10% IN ITS
ENGINEERING SCHOOLS IN
THE WEST CATEGORY, IN 2017.

“At CSUN, students — at both the undergraduate and graduate level — work alongside faculty, pursuing knowledge and solutions to the challenges facing our region, our nation and our world”

*– Dianne F. Harrison, Ph.D.,
president, California State
University, Northridge*

Additionally, the university can design certificate programs that provide a longer duration and more comprehensive study of a given topic in a field. Such programs are 100 or more hours of graded and transcribed study. Those who successfully complete the program earn a CSUN certificate of advanced professional development in the field.

In addition to drawing on its own faculty expertise, CSUN can, as needed, reach out to other CSU campuses, community college partners and even national and international institutions. This allows CSUN to tap a range of expertise to help organizations achieve their goals.

Having an ongoing educational relationship with CSUN cultivates the agility and capacity needed to meet organizational objectives and realize the opportunities of the evolving, global market.



Learn Together, Grow Together

Organizations can even explore the possibility of a cohort composed exclusively of their employees. This approach allows larger organizations to offer a group of qualified senior employees the opportunity to have a shared educational experience. This unique option can enhance culture and collaboration across unit lines and strategically increase problem solving and innovation.

In many cases, CSUN can explore **the possibility of an exclusive degree**, designed with features specific to an organization, such as industry-relevant case studies and assignments, as well as guest speakers to help participants link coursework to current industry issues.

CSUN offers its **professionally-focused degrees in the cohort format**. The cohort's integrated curriculum and support services lead to exceptionally high on-time graduation rates. This is also true of **CSUN's fully online degree and certificate programs**. These programs allow multi-regional and/or multi-national organizations to offer a significant shared educational experience to staff members — regardless of location.



BESTCOLLEGES.COM INCLUDED
INCLUDED THE ONLINE MPA PROGRAM
IN ITS 2018 LIST OF TOP 50
"BEST ONLINE MPA PROGRAMS."

Degree and Certificate Programs

Designed for the Midcareer Professional

Baccalaureate Degree-Completion Programs

tsengcollege.csun.edu/bachelors

B.A. Public Sector Management (online, off-campus)

B.A. Liberal Studies (online)

B.S. Nursing

Graduate Degree Programs

tsengcollege.csun.edu/masters

M.S. Applied Behavior Analysis

M.S. Assistive Technology Studies and Human Services (online)

M.S. Communicative Disorders (online)

M.S. Engineering Management (online)

M.A. Humanities (online)

M.A. Music Industry Administration

Master of Public Administration

- Health Administration option (online)
- Nonprofit Sector Management option (online)
- Public Sector Management and Leadership option (on campus, off campus, online)

Master of Public Health: Community Health Education (online)

Master of Social Work (off campus, online)

M.S. Taxation

University Certificates

tsengcollege.csun.edu/certificates

Graduate Certificate in Business Administration

Certificate of Preparation for Advanced Studies in Speech-Language Pathology (online)

Health Administration Certificate (online)

Nonprofit Sector Management Certificate (online)

Certificates of Advanced Professional Development

tsengcollege.csun.edu/certificates

Assistive Technology Applications

Radiologic Technology: CT/MRI (online and clinical setting)

Speech-Language Pathology Assistant Fieldwork Experience (online and clinical setting)

Programs are now being planned in the following fields:

Assistive Technology Engineering (online)

Instructional Design (online)

Real Estate

Travel and Tourism: Hospitality Management (online)

Information Systems Management

Solution Design and Innovation Leadership for Digital/Online Education (online)

Urban Diversity and Community Development Leadership

THE 2017

PASS RATE OF THE BCBA

(BOARD CERTIFIED BEHAVIOR ANALYST)
EXAM FOR CSUN FIRST TIME TEST
TAKERS (GRADUATES OF THE M.S.
APPLIED BEHAVIOR ANALYSIS)

WAS 92 PERCENT.

Online = Flexibility

CSUN's online programs offer organizations various options to meet the challenges of changing industries, evolving markets and emerging organizational opportunities.

For example, organizations with a small group of qualified senior staff can join with CSUN for a shared advanced educational experience. Those senior staff members, along with midcareer professionals from other organizations and regions, can **form an educational group online** to foster this collective experience.

Further, if an organization wishes to have an exclusive cohort of an online degree or certificate program, CSUN can offer **a combination of face-to-face and online courses**. This allows CSUN to meet the organization's specific educational need and goals.



BESTCOLLEGES.COM RANKED
CSUN 16TH ON ITS 2017 LIST OF
**"BEST ONLINE MASTER'S IN
SOCIAL WORK PROGRAMS".**

LET'S TALK ABOUT STARTING AN EDUCATIONAL RELATIONSHIP WITH CSUN

To begin an exploratory conversation with CSUN about an educational relationship, contact **Jonathan Clayden**, Director of Graduate and Professional Education Programs and Services, at **(818) 677-6759** or email jonathan.clayden@csun.edu.



Use CSUN University Access Programs

for an Organizational
Advantage

CSUN offers university access to courses (at the undergraduate and graduate levels) to those not enrolled in CSUN degree programs through **Winter Term** and **Summer Session** and through **Open University** offered in the Fall and Spring Semesters.

summer.csun.edu

winter.csun.edu

openuniversity.csun.edu

While many of the **courses offered through University Access** programs meet face-to-face on the CSUN campus, over 500 fully online class sections are offered each year, making them accessible as a professional development/educational resource for a regional, national or international organization.

Organizations can use this special access to CSUN courses in the wider range of fields and disciplines to **provide targeted educational opportunities** for senior staff members. Some examples of how organizations use this access include enrolling

- staff members in selected marketing courses to add digital marketing expertise to its team
- master's degree-holding engineers in graduate-level courses that focus on clean and renewable energy, enabling them to take on new projects
- employees in courses covering the language, history and culture of new international regions

THE HOLLYWOOD REPORTER
RANKED THE MUSIC DEPARTMENT

AMONG THE COUNTRY'S

TOP 25 MUSIC SCHOOLS

(2016).

THE CINEMA AND TELEVISION ARTS DEPARTMENT RANKED 22ND IN THE HOLLYWOOD REPORTER'S 2016 LIST OF

TOP 25 FILM SCHOOLS

IN THE UNITED STATES. VARIETY INCLUDED THE DEPARTMENT IN ITS 2017 INTERNATIONAL RANKING OF "ENTERTAINMENT EDUCATION:

STELLAR FILM SCHOOLS

IN 2017".

IN 2017

BEST ACCOUNTING SCHOOLS

RANKED CSUN 17TH IN ITS

TOP 50 TAXATION SCIENCE SCHOOLS LIST

To explore how your organization can use CSUN University Access programs to refresh, broaden and advance the knowledge, skills and abilities of university-prepared staff, contact **Zach Helsper**, University Access Programs Manager at **(818) 677-6984** or email **zachary.helsper@csun.edu**.





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