

# San José State University

SAN JOSE, CALIFORNIA 95192

## Announcement of Position Availability

POSITION: DEAN OF THE SCHOOL OF ENGINEERING

DATE: Appointment effective July 1, 1978.

### QUALIFICATIONS

Academic: Earned doctoral degree or equivalent in engineering.

Experience: College or University teaching, academic administration, and/or professional experience in an engineering field, including experience in innovative curricular design, policy development, faculty development and decision making.

THE SCHOOL: The School of Engineering, one of eight in the University, comprises eight departments and one interdisciplinary program: Aeronautics (Maintenance and Operations), Chemical Engineering, Civil Engineering and Applied Mechanics, Electrical Engineering, General Engineering (Computer Science), Industrial & System Engineering, Materials Engineering, Mechanical Engineering and Industrial Management. There are approximately 80 faculty positions in the School, and a current enrollment of 2338 undergraduate and 439 graduate students. Six of the programs offer graduate (M.S.) degrees.

THE DEANSHIP: The Dean should be a dynamic leader of national reputation, dedicated to the development of innovative programs, and must aggressively encourage research and development, pursue the creative application of engineering educational principles and professional practice, and demonstrate a commitment to scholarship.

Demands placed on the School by the technical community require a leader who can initiate and encourage the development of new programs and advance existing programs in close collaboration with faculty and students. The Dean must work closely with the University administration, other school deans, department chairs, and the School's faculty in matters of budgets, policies, curriculum, personnel matters and operating procedures. The Dean represents the School to industry, professional societies, governmental agencies and research granting organizations.

SALARY: \$29,748 - \$35,976 annually (12-month appointment; one month vacation)  
TERM OF OFFICE: Six years, renewable.

### APPLICATION

HEADLINE: January 30, 1978.

Extended to February 15, 1978.

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION/TITLE IX EMPLOYER

**For Further Information:**

Dr. Ellen C. Weaver, Chair  
Engineering Decanal Selection Committee  
Office of the Academic Vice President  
San José State University  
San Jose, California 95192

S/F ratio  
35:1

6009 Highland Drive,  
Salt Lake City, Utah 84121  
January 22, 1978

Dr. Ellen Weaver, Chair,  
Engineering Dean Search Committee,  
c/o Academic Vice President  
San Jose State University,  
San Jose, California 95192

Dear Dr. Weaver,

I am applying for the position of Dean of the School of Engineering of San Jose State University.

The enclosed vita and course syllabi will enable you the committee to judge my scientific and engineering research contributions and my graduate and undergraduate teaching experience.

In 1965 I received a B.S. in Materials Science at San Jose State, and in 1969 I received a Ph.D. in Metallurgy and Materials Science from the University of Denver. I joined the University of Utah faculty in 1969 and earned tenure in 1974. I was promoted to full professor in two departments last year; promotion in the third department will be effective in July, 1978.

My activities and interests are interdisciplinary, dealing with the applications of scientific and engineering principles to practical biomedical problems. I am a polymer materials engineer and scientist with a special emphasis and expertise in the surface properties of polymers.

During the past eight years I have been managing a research group of 10 to 15 people with an annual budget of \$100,000 to \$300,000 provided by Federal research grants and contracts. My present research group includes two research assistant professors, seven graduate students, one post doc, two technicians, a full-time secretary, and two undergraduate assistants.

In the area of 'paper management' I have had considerable experience, including extensive research proposal, report, and scientific paper writing, book editing, and technical journal editing, as well as producing promotional brochures for several departments.

I have had experience in the evaluation of people, particularly university faculty. I am chairman of the Dept. of Bioengineering Promotion, Retention and Tenure (PRT) Committee and serve on the PRT Advisory Committees for the Colleges of Engineering and Pharmacy.

On the University level, I am generally familiar with the organization and management of a modern University. I have worked closely with the Vice President for Academic Affairs and the Vice President for Research of the University of Utah. I served on the Faculty Senate for three years and am well acquainted with faculty concerns, rights and academic freedom.

I feel a Dean's major responsibility is to do his/her best to provide the environment and resources for optimal student-faculty interaction and faculty development. I think I have the experience and talents to perform successfully as a Dean of Engineering. I also believe a Dean should take an active part in education and research; I would want to teach and to carry on a research program.

January 22, 1978

The responsibilities and time commitments of a Deanship would mean my research activities would have to be decreased considerably from what they are now and perhaps somewhat redirected. That, too, is a challenge to which I frankly look forward.

After the search committee completes its examination of the enclosed materials I will be pleased to supply references for letters of recommendation. Please feel free to call me at my office (801-581-8509) or in the evening at my home (801-277-1259). Please address any written materials to my home address.

Thank you for your time and consideration. Please arrange for me to receive appropriate materials regarding San Jose State University, the School of Engineering, and the San Jose -- Santa Clara area.

Sincerely,

  
Joseph D. Andrade

# San José State University

SAN JOSE, CALIFORNIA 95192

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ACADEMIC VICE PRESIDENT

14081 277-2177

February 1, 1978

Dr. Joseph D. Andrade, Jr.  
6009 Highland Drive  
Salt Lake City, Utah 84121

Dear Dr. Andrade:

Thank you for your application for the position of Dean of the School of Engineering at San Jose State University. We are enclosing a copy of the position announcement and a fact sheet about the school.

We would appreciate it if you would send in addition to the materials already on hand your confidential placement file (if one is available), and the names and addresses of four or five persons ~~acknowledged~~ knowledgeable about your work.

The Committee is beginning its initial screening process at this time, and we will be in touch with you again.

Sincerely,



Ellen C. Weaver, Chair  
Dean Selection Committee  
School of Engineering

ECW:rb

Enclosures

6009 Highland Drive,  
Salt Lake City, Utah 84112  
February 9, 1978

Ellen C. Weaver, Chair  
Engineering Dean Selection Committee  
Academic Vice President  
San Jose State University  
San Jose, California 95192

Dear Dr. Weaver,

Thank you for your letter of Feb. 1, 1978 regarding my application for the position of Dean of the School of Engineering at San Jose State University.

The following individuals may be contacted as references:

1. Dr. Max Williams, Dean  
College of Engineering  
University of Pittsburgh  
Pittsburg, Pa., 15213  
Phone 412-624-5250

Professor Williams is the former Dean of the College of Engineering at the University of Utah. He is a widely respected engineering educator and serves on a number of Federal government policy and advisory boards.

2. Dr. Pete D. Gardner, Professor  
Departments of Chemistry and Biology  
University of Utah  
Salt Lake City, Utah 84112  
Phone 801-581-6299

Professor Gardner served as the Academic Vice President of the University of Utah until September, 1977. I worked closely with him on a number of matters and had the pleasure of serving with him on the Faculty Senate.

3. Dr. Paul Predecki  
Denver Research Institute  
University of Denver  
Denver, Colorado 80210  
Phone 303-753-2241

Professor Predecki was my Ph.D. thesis advisor. We have kept in touch over the years; he is generally familiar with my experience and accomplishments.

February 9, 1978

4. Dr. Dennis Olsen  
Senior Research Engineer  
Motorola, Inc.  
Mail Drop K-136  
5005 East McDowell Road  
Phoenix, Arizona 85005  
Phone 602-244-6841

Dr. Olsen is a San Jose State alumnus. He worked for several years as a professor at Metropolitan State College in Denver, where he served as chair of a president search committee.

I have briefly discussed the San Jose State position with Professor Zubair Munir, Dept. of Metallurgy, University of California, Davis. Dr. Munir is a former member of the faculty of the School of Engineering of San Jose State University.

Please request letters or other input only in strict confidence.

Please let us know if you need any additional information. I can supply a set of reprints in the committee so wishes.

Sincerely,

  
Joseph D. Andrade

# San José State University

SAN JOSE, CALIFORNIA 95192

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ACADEMIC VICE PRESIDENT

(408) 277-2177

February 15, 1978

Dr. Joseph D. Andrade, Jr.  
6009 Highland Drive  
Salt Lake City, Utah 84121

Dear Dr. Andrade:

Thank you for your application for the position of Dean of the School of Engineering at San Jose State University.

We would appreciate it if you would send in addition to the materials already on hand your confidential placement file (if one is available).

The Committee is beginning its initial screening process at this time, and we will be in touch with you again.

Sincerely,



Ellen C. Weaver, Chair  
Dean Selection Committee  
School of Engineering

ECW:rb