Contributing Institution: Special Collections and Archives, University of California, Irvine Libraries
Title: University of California, Irvine, Henry Samueli School of Engineering publications
Creator: Henry Samueli School of Engineering (University of California, Irvine)
Identifier/Call Number: PS.039
Physical Description: 1 Linear Feet (1 box)
Date (inclusive): 1965-2003
Abstract: The collection contains publications of the Henry Samueli School of Engineering at the University of California, Irvine (UCI). The materials include brochures, fliers, event programs, newsletters, reports, course and program descriptions, guidelines, and catalogs.
Language of Material: English.
Access
The collection is open for research.
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Preferred Citation
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For the benefit of current and future researchers, please cite any additional information about sources consulted in this collection, including permanent URLs, item or folder descriptions, and box/folder locations.
Acquisition Information
Acquired periodically from the Henry Samueli School of Engineering.
Accruals
Accruals are expected.
Processing History
Processed by Cyndi Shein, 2008.
Historical Background
The School of Engineering at the University of California, Irvine (UCI) was established in 1965 with the founding of the university. Seventy five students declared a major in engineering in fall of 1965. The academic plan for the School of Engineering at Irvine equally emphasized environmental engineering and scientific discovery and anticipated appointment of faculty in small groups according to research interests, rather than by departments, in order to provide critical units with ability to contribute to teaching and research almost from the date of their formation. Optimization theory, a new approach to computer-aided design and the synthesis of engineering systems, was an unusual component of the undergraduate program. Interaction with local industry through continuing education opportunities and research information exchange was also emphasized. In 2000 the school was renamed the Henry Samueli School of Engineering. It is comprised of five departments: Biomedical Engineering; Chemical Engineering and Materials Science; Civil and Environmental Engineering; Electrical Engineering and Computer Science; and Mechanical and Aerospace Engineering. The school offers numerous research centers, institutes and facilities, including the Center for Pervasive Communications and Computing, the Integrated Nanosystems Research Facility, the National Fuel Cell Research Center, the UC Irvine Combustion Lab, the Center for Embedded Computer Systems, the Center for Hydrometeorology and Remote Sensing, the Facility for RF Design and Characterization, the Laboratory for Fluorescence Dynamics, and the Micro/Nano Fluidics Fundamentals Focus Center.
1965 Robert M. Saunders becomes first dean.
School of Engineering is established with a focus on electrical engineering.
UCI is founded.
1966 First Ph.D. degree in Engineering awarded at UCI (jointly with UC Berkeley).
1967 First M.S. degree in Engineering awarded at UCI.
1968 Program in Engineering (Electrical) accredited by ECDP.
First B.S. degree in Engineering awarded at UCI.
Program in Civil Engineering is established.
1969 Program in Environmental Engineering is established.
1970 Engineering Tower is constructed.
1978  Allen R. Stubberud becomes dean.
1983  Robert M. Saunders becomes acting dean.
1984  Gene H. Hostetter becomes acting dean.
1985  William A. Sirignano becomes dean.
1986  ICS/Engineering Research Facility is constructed.
1987  Engineering Laboratory Center is constructed.
1988  Arnold and Mabel Beckman Center of the National Academies of Sciences and Engineering is constructed.
1990  Rockwell Engineering Center is constructed.
1994  Engineering Gateway and Engineering Lecture Hall are constructed.
1995  Alen R. Stubberud becomes acting dean.
1997  Nicholas G. Alexopoulos becomes dean.
1999  Henry Samueli makes generous donation to the UCI School of Engineering.
2000  School of Engineering is renamed the Henry Samueli School of Engineering.
2008  Rafael L. Bras becomes dean.

Collection Scope and Content Summary
The collection contains publications of the Henry Samueli School of Engineering at the University of California, Irvine (UCI). The materials include brochures, fliers, event programs, newsletters, reports, and course and program descriptions, guidelines, and catalogs.

Collection Arrangement
This collection is arranged alphabetically by type of material. Within folders materials are generally arranged in reverse chronological order.

Separation Note
Many publications of the School of Engineering and the Henry Samueli School of Engineering are shelved separately and cataloged in the UCI Libraries’ online catalog Library Search.


Subjects and Indexing Terms
Environmental engineering -- California -- Irvine
Electrical engineering -- California -- Irvine
Chemical engineering -- California -- Irvine
Civil engineering -- California -- Irvine
Materials science -- California -- Irvine
Mechanical engineering -- California -- Irvine
Aerospace engineering -- California -- Irvine
Engineering -- Periodicals
Biomedical engineering -- California -- Irvine
Engineering -- Study and teaching (Higher) -- California -- Irvine -- History
University of California, Irvine -- Archives
Henry Samueli School of Engineering (University of California, Irvine) -- Archives

box 1  Announcements and group mailings 1973, 1978
box 1  Brochures 1968-1978
box 1  Commencement programs and invitations 1971-circa 1981
box 1  Course and program descriptions 1969-1980, undated
box 1  Course catalogues 1978-1981
box 1  Event programs, schedules, and guidelines 1976-1982, undated
Faculty news

- Faculty Profiles 1969-1981
- Faculty Research Summary 1985-1995
- Research Review 2003

Fliers and handouts

- Events 1971-1979

Handbooks and manuals

Newsletters

- School of Engineering Alumni News 1978-1981
- School of Engineering News 1974-1988
- School of Engineering Newsletter 1989-1994
- The Tangent 2002-2005
- UCingenuity 1986-2000

Petition: A Petition to the Tau Beta Pi Association for a Chapter at the University of California, Irvine from Chi Epsilon Mu 1981 May

Scope and Contents note

Photocopy of document requesting a charter to establish a UCI chapter of Tau Beta Pi, National Engineering Honors Society. The document includes information about the UCI School of Engineering and letters of endorsement from UCI faculty and administrators.

Reports

- Primum Quinquennium, by Robert M. Saunders 1971

Scope and Contents note

Report by Dean Saunders on the state of the School of Engineering, including an evaluation of the quality and productivity of the school.

Speech: The Role of Engineers and Engineering Education, by Ralph Nader 1970 October

Scope and Contents note

Comprises remarks made by Ralph Nader, Chancellor Daniel G. Aldrich, Jr., Dean Robert M. Saunders, and Julian Feldman (assistant chancellor for computing) on the occasion of a campus convocation and the dedication of the engineering and computer sciences buildings at UCI on October 21, 1970.