RATES: $7 per line, $75 minimum charge (up to ten lines). Average six typeset words per line, nine lines per column inch. Add $7 for box number. Send copy at least six weeks prior to month of publication to: Classified Advertising, COMPUTER Magazine, 10852 Los Vaqueros Circle, Los Alamitos, CA 90720.

To allow sufficient time for distribution of the magazine, schedule your job application deadlines at least three weeks after issue date (e.g., deadline of July 21 to send applications responding to ad appearing in July issue. Note: IEEE Computer Society member ads for positions wanted $10 up to 10 lines, $1 per line thereafter. Situations wanted ads run free for unemployed society members. Include IEEE member number in either case.

CHAIRMAN, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING. The School of Engineering and Applied Science at Southern Methodist University is seeking applications for the position of Professor and Chairman, Department of Computer Science and Engineering. The position requires an earned doctorate degree. Candidates are expected to have demonstrated experience in teaching, development of sponsored research, and leadership. The University offers bachelor's and master's degrees in computer science and computer engineering and the PhD in computer science. The department views its priorities as a strong quality undergraduate program, a commitment to strong industry relations, and a strong research and graduate program. Interested persons should submit a resume to professor M. D. Srinath, Chairman, CSE Search Committee, School of Engineering and Applied Science, SMU, Dallas, Texas 75275. An affirmative Action/Equal Opportunity employer.

RICE UNIVERSITY—Applications are invited for a faculty position in the Computer Science Program at Rice University. Applicant should have a PhD degree with a commitment to excellence in teaching and research. Candidates from all areas of Computer Science and Engineering will be considered. However, the program has a special interest in candidates with research experience in the areas of software engineering and parallel computing systems. Salary and rank will depend on qualifications. Rice University is an equal opportunity/affirmative action employer. Send resume to T. A. Robinson, Chairman, Electrical Engineering Department, Rice University, P.O. Box 1892, Houston, TX 77251-1892.

INSTITUTE OF COMPUTER SCIENCE NATIONAL INFORMATION CENTER RIYADH, SAUDI ARABIA

A newly established Institute has several openings for PhD and Master degree holders in Computer Science or Electronic Engineering or equivalent degrees. BS degrees with extensive field experience will also be considered. The Institute is planned to offer two-year and four-year programs in the areas of Applied Computer Sciences and Engineering. The Institute also offers special courses to support a comprehensive software network covering the entire Kingdom in the areas of programming/analysis, project management and control, user support, hardware/software maintenance, and data communication. The environment includes on-line TP and ADP System using Data General and UNIVAC computers with various communication devices and micrographic equipment. Salaries and benefits are competitive and attractive, and depend on the individual's qualifications. Apply with complete resume on academic, professional and personal data, three references and copies of degrees including home and office addresses and telephone numbers to:

UNIVERSITY OF PETROLEUM & MINERALS ATTENTION: DR. AL-SAGRI (NATIC) 2223 WEST LOOP SOUTH, SUITE 410 HOUSTON, TEXAS 77077 or DR. ABDULAZIZ N. AL-SAGRI DEPT. OF SYSTEMS ENGG & COMPUTER SCIENCE UNIVERSITY OF PETROLEUM & MINERALS P.O. BOX 144, UPM #128 DHAHIRAN—SAUDI ARABIA

THE UNIVERSITY OF TEXAS AT SAN ANTONIO

Applications are invited for tenure-track positions at the Assistant and Associate Professor levels. Applicants should have a PhD in Computer Science or related field. Preference will be given to persons with teaching competence and research interests in Data Base Systems, Programming Languages, Digital Systems Design, or Software Engineering. Send vita to Stanley G. Wayment, Director, Mathematics, Computer Science, and Systems Design, The University of Texas at San Antonio, San Antonio, Texas 78285. The University of Texas at Austin is an Equal Opportunity/Affirmative Action employer.

FACULTY POSITION—UNIVERSITY OF MASSACHUSETTS/AMHERST—The Department of Computer and Information Science and the Department of Electrical and Computer Engineering invite applications for all levels of tenure track positions in all areas of computer science and computer engineering. Candidates should show evidence of exceptional research promise and applicants at senior levels should have demonstrated an active research career. We have active research programs in AI, computer systems, and theory, including cybernetics, robotics and vision, graphics, distributed processing, performance evaluation, networking, database management systems, information retrieval, software development, and computer architecture. We seek to both strengthen these areas and develop new ones. The University has a Cyber 174 with 300 terminal ports. The departments have three VAX systems with over sixty ports and a variety of graphics devices. Undergraduate labs contain PDP-11's, AIM's, Apples, and KIM's. Candidates for either department should contact Prof. Edward Riseman, COINS Department, Graduate Research Center, University of Massachusetts, Amherst, MA 01003. The University of Massachusetts is an Affirmative Action/Equal Opportunity Employer.

UNIVERSITY OF ARIZONA

The Electrical Engineering Department of the University of Arizona is seeking to add a tenure track faculty member at the assistant or associate professor level. Candidates should hold a PhD in Electrical Engineering with experience in Computer hardware and software or a PhD in Computer Science with a strong Engineering background. The individual selected will be expected to teach digital computer courses (both hardware and software) and to engage in research in related area. Very active research programs are now underway in digital signal processing, digital design automation, and microprocessor applications. A new degree program in Computer Engineering is under development. When this is approved, the name of the department will be changed to Electrical and Computer Engineering. The selected candidate could assume his duties beginning either Fall or Spring Semester 1982-1983. Interested parties should send a resume to:

The University of Arizona
Tucson, AZ 85721
The University of Arizona is an Equal Opportunity/Affirmative Action Employer.
Applications and nominations are invited for three senior level faculty positions in computer science. Candidates from all areas of computer science will be considered, but applicants with significant research records in programming language design and implementation, software engineering, development and application of VLSI systems, data base systems, and operating systems are especially desired. The State of Arizona, the University and the Phoenix area industries are committed to developing a research program of excellence in computer science at ASU. Senior people are being recruited to guide this development and will be expected to play an active role in the design of a unique research facility at Arizona State. The University is located in the Phoenix metropol-itan area which provides outstanding research and consulting opportunities in the electronics and computer fields. Salary offers will be compet-itive. The Computer Science Department has a VAX 11/780, a Honeywell 8880 Multics system, and a state of the art microprocessor laboratory. An Amdahl 470V76 and several PDP 11/70's are also available for instruction and research. Applications for assistant and associate pro-fessor positions in all areas of computer sci-ence will also be accepted. Please send a curriculum vita, including names of at least three references, to Professor Nor-man E. Gibbs, Chairman of the Search Commit-tee, Department of Computer Science, Arizona State University, Tempe, AZ 85287.

First deadline is January 1, 1982. Subsequent deadline is March 1, 1982.

Affirmative Action/Equal Opportunity/Title IX Employer

RICE UNIVERSITY
Applications are invited for one junior position and one senior position in the Computer Sci-ence Program at Rice University. Applicants should have the PhD degree with a commitment to excellence in teaching and research. Candidates from all areas of computer science will be considered; however, the program has a special interest in candidates with research interests in the areas of programming languages and sys-tems, artificial intelligence, analysis of algo-rithms and parallel computing systems. Applications from women and minority can-didates are encouraged. Rice University is an equal opportunity/affirmative action employer. Applications should be addressed to Prof. Richard Tapia, Chairman Dept. of Mathematical Sciences P. O. Box 192 Rice University, Houston, TX 77001

FACULTY POSITIONS IN COMPUTER SCIENCE
Applications are invited for tenure-track faculty positions in the Department of Computer Sci-ence starting September 1982. Rank and Salary open. Candidates should have a PhD in com-puter science or a closely related area, and strong research interest, particularly in oper-at ing systems, data base systems or program-ming languages.

Send resume to: Dr. Willis K. King, Chairman, Department of Computer Science, University of Houston, Houston, Texas 77004 An Equal Opportunity/Affirmative Action Employer.

February 1982

ILLINOIS INSTITUTE OF TECHNOLOGY
Department of Computer Science

Applications are invited for several tenure-track positions at the Assistant or Associate Pro-fessor levels, rank and salary depending on background and qualifications, starting in August, 1982. Applicants should have a strong commitment to research and to teaching at both the graduate and undergraduate levels. A PhD in Computer Science or an allied field is re-quired. Qualified applicants in all areas of com-puter science will be considered. Send resumes with the names of three references to: Professor Anthony S. Wojcik, Chairman Department of Computer Science Illinois Institute of Technology Chicago, IL 60616

The Illinois Institute of Technology is an equal opportunity, affirmative action employer.

Department of Electrical Engineering and Computer Science
University of Wisconsin—Milwaukee
Milwaukee, WI

Applications are invited for positions in com-puter science at the Assistant, Associate and full Professor rank. Candidates should have a PhD in Computer Science or equivalent and a commitment to teaching and to research in computer science. Candidates should have a strong record of scholarly research and teaching. Can-didates should have a demonstrated ability in data-bases, programming languages, operating sys-tems, Artificial Intelligence, Organization of mini/micro systems, and architecture, VLSI, VLSI and theoretical computer science.

Send resumes (including names of references) to: Professor George I. Davida Department of Electrical Engineering and Computer Science University of Wisconsin—Milwaukee Milwaukee, WI 53201 (414) 963-5192

Faculty Position in Computer Engineering and Science
CASE WESTERN RESERVE UNIVERSITY

Applications are invited for several tenure track appointments at the assistant, associate or full professor rank, beginning August, 1982. Candidates from all areas of specialization in computing will be considered; the Department has a special interest in candidates with research interests in VLSI, software engineering, operating systems, databases, and computer graphics. Candidates for assistant professor should have a strong commitment to research and teaching. Candidates for senior positions must have an established record for scholarly research and effective teaching.

The department has 120 undergraduate students and 75 graduate students enrolled in the MS and PhD programs in computer engineering and computer science and has extensive laboratory facilities including a VAX 11/780, PDP 11/45, real time shaded graphics system, and access to DEC 2060 and VAX 11750 systems. Qualified applicants should send their resumes to: Professor C. W. Rose, Chairman Department of Computer Engineering and Science Case Western Reserve University Cleveland, Ohio 44106 An Equal Opportunity/Affirmative Action Employer.

Endowed Chair in Computer Assisted Engineering. The Colorado State University College of Engineering is pleased to announce that nominations and applications are being sought for the newly created George T. Abell Professorship of Computer Assisted Engineering. The Abell Chair was fully endowed in 1981 by a direct donation. The holder of this chair will provide leadership in the development of computer assisted engineering programs. The incumbent will participate in curriculum development, institution of formal courses and provide leadership for the development of an externally funded research activity in computer assisted engineering. Nominations should be submitted to: Dr. David W. Johnson, Chairperson Search Committee, College of Engineering, Colorado State University, Fort Collins, Colorado 80523 before March 15, 1982. Colorado State University is an equal opportunity/affirmative action employer.
The Mathematics Department of UMBC invites applications from computer scientists for tenure-track or tenured faculty positions in the assistant, associate, or full professor level beginning September 1982. Candidate should have a Ph.D in computer science or in a closely related field, strong research potential, and a research program of broad range of basic computer science courses and graduate courses in one's field of specialty. The Department offers a BA degree in Mathematics, a BS degree in Computer Science, and PhD degrees in Applied Mathematics. Current graduate course offerings are grouped in the following areas: applied analysis, computer science, control systems science, numerical analysis, operations research, statistics and probability. Send a curriculum vitae, reprints and/or preprints, names of at least three references to: Y. M. Lynn, Chairman, Department of Mathematics, University of Maryland Baltimore County, Catonsville, Maryland 21228.

EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER.

UNIVERSITY OF CONNECTICUT

The Computer Science Division of the Electrical Engineering and Computer Science Department invites applications for tenure-track faculty positions in the Assistant, Associate, or Full Professor level beginning September 1982. Candidates from all areas of specialization in computer science engineering will be considered, although the department is particularly interested in candidates in areas of experimental computer science including, but not limited to, software engineering, data bases, distributed computing, digital systems, computer architecture, computer networks, and machine intelligence. A Ph.D in Computer Science or a closely related field (equivalent experience as demonstrated through research and professional stature) is required. Rank and salary are dependent upon background and experience. Individuals interested in a one-year visiting appointment at any level are encouraged to apply for one of these positions. The Department has established programs leading to the BS, MS, and PhD degrees in computer science with excellent research facilities including a VAX11/780, a PDP-11/60 (UNIX), a distributed LSI-11 system, numerous microcomputers, and graphics facilities. Access is readily available to the University’s IBM 370/168-158P system (VM/CMS). Qualified applicants should send a detailed resume and the names of three references to: Professor Taylor L. Booth, Faculty Search Committee, Chairman, Computer Science, EECS Department, U-157, The University of Connecticut, Storrs, Connecticut 06269.

AN EQUAL OPPORTUNITY EMPLOYER M/F.

CALIFORNIA STATE UNIVERSITY, NORTHridge

DEPARTMENT OF COMPUTER SCIENCE

Applications are invited for a tenure-track position at the Assistant or Associate Professor level and two lecturer positions starting August 1982. Principal duties involve teaching but professional productivity is expected. Send a resume with names and address of three references to Diane Schwartz, Department of Computer Science, California State University, Northridge, CA 91330 by May 31, 1982 for full consideration in the initial screening. Recruiting will continue until positions are filled.

An Equal Opportunity/Affirmative Action, Title IX, Section 504 Employer.

UNIVERSITY OF CALIFORNIA SANTA BARBARA

The Department of Computer Science expects to have several temporary positions beginning Fall, 1982. Normally, completion of the PhD is required. The positions will entail teaching in the mainstay courses in computer science. Appointments will be made in the Visiting or Adjunct Lecturer series, or the Associate series at a rank appropriate to the specific research qualifications, and will be one-year appointments with possibility of reappointment. Send resume along with the names of at least three references to: Chair, Search Committee, Department of Computer Science, 2111 Engineering Building, University of California, Santa Barbara, California 93106, by February 15, 1982.

An Equal Opportunity/Affirmative Action Employer.

DUKE UNIVERSITY

The Department of Computer Science invites applications for positions of Assistant, Associate, or Full Professor. Candidates will be expected to contribute to the mainstay courses in computer science. The Department, which is one of the nation's foremost, has a strong tradition of research and teaching, and is committed to the development of research that is of high quality and importance. A Ph.D in Computer Science or a closely related field is required. Rank and salary are dependent upon background and experience. Individuals interested in a one-year visiting appointment at any level are encouraged to apply for one of these positions. The Department has established programs leading to the BS, MS, and PhD degrees in computer science with excellent research facilities including a VAX11/780, a PDP-11/60 (UNIX), a distributed LSI-11 system, numerous microcomputers, and graphics facilities. Access is readily available to the University’s IBM 370/168-158P system (VM/CMS). Qualified applicants should send a detailed resume and the names of three references to: Professor Taylor L. Booth, Faculty Search Committee, Chairman, Computer Science, EECS Department, U-157, The University of Connecticut, Storrs, Connecticut 06269.

AN EQUAL OPPORTUNITY EMPLOYER M/F.

PURDUE UNIVERSITY FACULTY POSITIONS

Applications are invited for faculty positions in Electrical Engineering from qualified individuals with a strong commitment to teaching and research. Qualifications include an outstanding academic record, significant involvement with a truly contributive research activity, and a Doctorate in Electrical Engineering. Areas of research specialization that are of particular interest include, but are not limited to, signal processing, communications, and microwave electronics. Resumes should be directed to School of Electrical Engineering, Purdue University, West Lafayette, Indiana 47907. Immigration status of non-US citizens should be stated in dossier. Purdue is an equal opportunity/affirmative action employer.

ENDOWED PROFESSORSHIP

John D. MacArthur Professor of Computer Science

The Department of Electrical Engineering & Computer Science invites applications for the position of Assistant Professor in Computer Science. While the MacArthur chair is a term appointment, this opening is for a tenure track position. An applicant should have a doctorate with a strong emphasis in C.S. Good teaching is expected and supported. This professorship includes endowed funds for research and travel. Areas of interest include, but are not limited to, computer systems, computer graphics, algorithm design, and software engineering.

Applications should write: Dr. George H. Williams, Co-Chairman, EECS Department, Union College, Schenectady, N.Y. 12308. An Equal Opportunity/Affirmative Action Employer.

DEPARTMENT OF PHYSICS

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

RESEARCH PHYSICIST POSITION AVAILABLE

DUTIES: The primary duty will be to improve the use of computers in the experimental nuclear physics program at the Nuclear Physics Laboratory. This will include: 1) Developing, documenting, and maintaining software for the laboratory's Perkin-Elmer 3220 computer. Most of the software will be written in Sequential Pascal for the on-line Data Acquisition and Analysis Operating System. 2) Writing with physicists on the design of application software for nuclear physics data acquisition and reduction.

MINIMUM QUALIFICATIONS FOR THE POSITION:
1) A/B.S. in a science such as physics, computer science, engineering or chemistry. 2) Experience with various high level languages such as Pascal and FORTRAN.

ADDITIONAL DESIRABLE QUALIFICATIONS:
1) Experience with assembly language in general, and Perkin-Elmer language in particular. 2) Experience with large (> 3000 line) programs. 3) Experience with peripheral driver software. 4) Experience with software system design, compiler and assembler design, and implementation.

Pay Range: Depend upon Qualifications

Starting Date: Spring 1982

Last date for full consideration is February 28, 1982.

For technical and position information contact:

Dr. Roger L. Guiberson
Nuclear Physics Laboratory
University of Illinois at Urbana-Champaign
23 Stadium Drive
Champaign, Illinois 61820 (217/333-3190)

Send resumes and the names of three references to:

R. F. Borelli
Department of Physics
University of Illinois at Urbana-Champaign
110 West Green Street
Urbana, Illinois 61801 (217/333-5070)

The University of Illinois is an Equal Opportunity Employer.

BOSTON UNIVERSITY.

Metropolitan College Science Program}

The Department of Computer Science invites applications for tenure-track faculty position available September 1982 at the assistant/associate professor level. Boston University is ideally situated to provide computer science faculty with a rich professional environment. Active collaboration with neighboring universities and a broad-based involvement with industry complements vigorous academic programs spanning several schools and colleges. The Metropolitan College computer science program, one of the largest in the New England area, offers masters and bachelors degrees currently specializing in operating systems, programming languages, artificial intelligence, software engineering, and information systems. The courses, being offered primarily in the evening, attract professionals from the surrounding computer community, and the resulting student body provides an extremely stimulating teaching environment. We are especially interested in a faculty member in management information systems development. A Ph.D is preferred but well-qualified candidates with alternative experience will be considered. Applicants should send curriculum vitae and the names of three references to: Dr. Romualdas Skvarcius, Chairman, Metropolitan College Computer Science Program, Boston University, 755 Commonwealth Ave., Room B-4, Boston, MA 02215. Boston University is an equal opportunity affirmative action employer.
FACULTY POSITION

Applications are invited for a tenure-track faculty position at the rank of Assistant or Associate Professor in the Department of Electrical Engineering at Concordia University. The position will involve teaching and research in the areas of Computer Organization, Microprocessor Applications, and Digital Hardware.

Applicants should hold a doctorate in an appropriate area and be familiar with modern trends in their area. Industrial experience will be considered an asset.

Applications, which should include Curriculum Vitae and the names of three references, should be addressed to:

Dr. A. Antoniou, Chairman
Department of Electrical Engineering
Concordia University
1455 de Maisonneuve Blvd., West
Montreal, Quebec H3G 1M8

UNIVERSITY OF WASHINGTON
Faculty Positions in Computer Science

Applications are invited for faculty positions in the Computer Science Department. Research positions are available immediately, associated with the UW/NW VLSI Consortium and with the Eden distributed computing project. Emphasis is on experimental areas such as distributed databases, computer networks, VLSI, programming languages and operating systems. A tenure-track position is expected to begin September 1982. Candidates from all areas of specialization will be considered, with emphasis again on the above areas plus pattern recognition and artificial intelligence. Candidates should have a strong commitment to both research and teaching. Please send letter of application, resume, and names of four references to: Professor Jean-Loup Baer, Acting Chairman, Department of Computer Science, FR-35, University of Washington, Seattle, WA 98195.

EQUAL OPPORTUNITY AND AFFIRMATIVE ACTION EMPLOYER.

ASSOCIATE CHAIRMAN
COMPUTER ENGINEERING

The Department of Electrical and Computer Engineering at the University of New Mexico is seeking a senior faculty member to head the departmental computer engineering program. This position would hold the title “Associate Chairman” and involves administrative, teaching and research leadership responsibilities. Candidates should hold the PhD degree and have strong research and academic records. The area of specialization is flexible but may include, computer networks, software engineering, microprocessors, computer graphics, computer-aided design, computer architecture, etc. Professional computer opportunities in local national laboratories and industry are excellent. Organizations in the Albuquerque area include Sandia Lab., Los Alamos National Lab., Air Force Weapons Lab., Digital Equipment Corp., Signetics, and Intel. The department offers an accredited BS degree in Computer Engineering, in addition to a BS in Electrical Engineering, and graduate studies in both areas up to the PhD. Computer facilities include a VAX 11/780, COMTAL Image processing system, PDP 11/44, MINC computers, Logic Design Lab., and a Microprocessor Lab.

Send applications to:

Peter Dorato, Chairman
Department of Electrical and Computer Engineering
University of New Mexico
Albuquerque, New Mexico 87131

Head
Department of Computer Science

The University of Calgary invites applications from persons in the field of Computer Science who are interested in administering a young and growing department. The department currently has 19 staff, 300 undergraduate majors, and 17 graduate students. Candidates should have a commitment to excellence in teaching and research, as well as desirable administrative qualities.

Salary negotiable from a base for full professor of $40,630 (effective January 1, 1982). Starting date July 1, 1982, depending on the availability of the successful candidate. Citizens and permanent residents of Canada will be given preference.

Applicants should send a curriculum vitae and the names of three referees by February 28, 1982 to:

Dr. T.A. Oliver, Dean
Faculty of Science
The University of Calgary,
2500 University Drive N.W.
Calgary, Alberta T2N 1N4

233: Computer Graphics Tutorial

February, 1979 (460 pp.)

Serving as an introductory course in computer graphics, this tutorial addresses fundamental issues in hardware and software, with an emphasis on decision-making in the acquisition, implementation and use of these systems. Topics include hardware for plotters, line-drawing CRTs, master video, and input devices; software for communications, display primitives, transformations, clipping, perspectives, data structures, and hidden-line/hidden-surface removal; commercial and turn-key systems, and graphics standards. Examples of applications in engineering, research, education and film making are included. Amply illustrated in full color.

Members — $21.00  Nonmembers — $28.00
Applications are invited for several tenure-track positions at the Assistant of Associate Professor levels, rank and salary depending on background and qualifications, starting in August, 1982. Applicants should have a strong commitment to research and to teaching at both the graduate and undergraduate levels. A Ph.D in Computer Science or an allied field is required. Candidates from all areas of computer science will be considered. Send resumes with the names of three references to: Professor Anthony S. Wójcik, Chairman, Department of Computer Science, Illinois Institute of Technology, Chicago, IL 60616. The Illinois Institute of Technology is an equal opportunity, affirmative action employer.

THE OHIO STATE UNIVERSITY
DEPARTMENT OF COMPUTER AND INFORMATION SCIENCE
Applications are invited for tenure-track positions at levels of assistant and associate professor. Candidates from all areas of computer science are encouraged to apply. The Department has a good record in both theoretical and applied areas of computer science. Sponsoring and experimental research is conducted in artificial intelligence (knowledge base systems), computer communications, computer graphics, database systems, distributed systems, operating systems, parallel processing, programming languages and software engineering. Applicants should submit a resume and have three letters of reference sent to: Professor Tsey-yun Feng, Chairman, Computer Science Dept., The Ohio State University, Columbus, OH 43210. The Ohio State University is an equal opportunity/affirmative action employer.

ELECTRICAL AND COMPUTER ENGINEERING, the University of Iowa, seeks qualified applicants with strong commitments to teaching and to sponsored research and who expect to make significant contributions to the computer science program. Several tenure track positions are open: rank and salary will be commensurate with qualifications and experience. Interested areas of interest include but are not limited to VLSI circuits and systems, software engineering, computer architecture, computer-aided design, fault-tolerant computing and systems security, signal processing, communication, control systems, image processing and biomedical engineering. Our current faculty consists of 15 members with a broad range of interests. The MS and Ph.D graduate programs include 74 graduate students. The academic environment together with an aesthetically pleasing campus and town all provide the best of environments for excellence. Send curriculum vitae and the names of three of the references to: Prof. H. Melton, Chairman, Faculty Search Committee, Electrical and Computer Engineering, Division of Information Engineering, University of Iowa, Iowa City, Iowa 52242. The University of Iowa is an Equal Opportunity/Affirmative Action Employer.

FLORIDA STATE UNIVERSITY
Faculty Positions in Electrical and Computer Engineering
Florida State University invites applications and nominations for several anticipated faculty positions in the areas of electrical and computer engineering starting Fall, 1982. Rank and salary are commensurate with qualifications and experience. One year or one semester visiting senior appointments are also available. Applicants must demonstrate a significant involvement in research and a strong commitment to teaching. A doctorate in electrical engineering or computer engineering or computer science is required. Areas of special interest include (but are not restricted to):

1. Computer architecture and computer networks;
2. Software engineering;
3. VLSI and Solid State Technology;
4. Communication and information theory;
5. Automatic control and system theory;
6. Optics and laser technology.

A detailed resume, a statement of teaching and research interests, and names of three references should be sent to Professor Augustus B. Turnbull, Vice President for Academic Affairs, The Florida State University, Tallahassee, Florida 32306. Florida State University is an Equal Opportunity Employer with an Affirmative Action Program and it especially encourages applications from women and members of minority groups.

COMPUTER SCIENCE
FURMAN UNIVERSITY

UNIVERSITY OF ARKANSAS AT LITTLE ROCK
Computer Science: Primary responsibility is undergraduate teaching. Some curriculum development will be required. Ph.D in Computer Science or closely related area is required. Current faculty research interests include artificial intelligence, analysis of algorithms, computer graphics, distributed and parallel computing, programming languages and methodology, data base systems and computational linguistics. Applicants should send a resume and names of three references to: R. Daniel Bergeron, Chairman, Department of Computer Science, University of New Hampshire, Kingsbury Hall, Durham, N.H.03824, (603) 862-3778 UnH is an Equal Opportunity/Affirmative Action employer.

UNIVERSITY OF NEW HAMPSHIRE
Department of Computer Science
Assistant or Associate Professor of Computer Science
The department of computer science has two tenure track positions available as of September 1, 1982. Applications in any field of computer science are welcome. A Ph.D in Computer Science or closely related area is required. Current faculty research interests include artificial intelligence, analysis of algorithms, computer graphics, distributed and parallel computing, programming languages and methodology, data base systems and computational linguistics. Applicants should send a resume and names of three references to: N. C. Meyer, Department of Mathematics and Computer Science, Pacific Lutheran University, Tacoma, Washington 98447.

PACIFIC LUTHERAN UNIVERSITY
Tenure track position teaching undergraduate computer science at all levels. PLU offers BA and BS in computer science in a liberal arts setting. There are opportunities for directing undergraduate research and close local partnership with industry. Located near Mt. Rainier and Puget Sound, PLU is an EO/A employer. To apply send vita, transcripts, and 3 letters of reference to N. C. Meyer, Department of Mathematics and Computer Science, Pacific Lutheran University, Tacoma, Washington 98447.

The Electrical Engineering Department at The University of Texas at Austin is accepting applications for tenure track faculty positions. All specialties considered; however, preference will be given to applicants with backgrounds in computer engineering and large scale integrated circuits. Qualifications must be commensurate with rank and include an outstanding academic record, significant involvement in original research, sincere interest in teaching, and a doctorate in electrical or computer engineering. Duties will include teaching undergraduate and graduate courses. Send resumes, including names and addresses of three references, to: Dr. E. J. Powers, Chairman, Department of Electrical Engineering, The University of Texas at Austin, P.O. Box 7728, Austin, Texas, 78712, an Equal Opportunity/Affirmative Action Employer.
TRINITY COLLEGE

A coeducational independent undergraduate liberal arts college of 1750 enrollment with an engineering department which is also responsible for providing academic computing instruction and services has openings over the next three years for engineering and computer positions. These offers opportunity to combine teaching, curriculum development, and research both in a particular engineering specialty and in computing. Applicants will be judged on the basis of effective undergraduate teaching and potential for developing new programs combining computing with traditional engineering courses. Applicants should have, or be about to complete, a PhD. The positions to be filled will be in computer engineering, electrical engineering, and mechanical engineering in any order. Candidates should send their resumes to Dr. Joseph D. Bronzino, Chairman, Engineering Department, Trinity College, Hartford, CT 06106. Candidates will be considered until May 1, 1982 for one position commencing September, 1982.

UNIVERSITY OF ROCHESTER

COMPUTER SCIENCE DEPARTMENT

Seeks outstanding faculty to conduct and stimulate research in PROGRAMMING LANGUAGES AND SYSTEMS. Favorable conditions include light classroom obligations, excellent students, and fine facilities. The department also continues to welcome applications from outstanding faculty and postdoctoral candidates in other areas of computer science. Address inquiries to: Joel Seiferas, Chairman, Computer Science Department, University of Rochester, Rochester, NY 14627. An affirmative action enroller/employer.

OREGON STATE UNIVERSITY

invites applicants for anticipated assistant professor positions starting September 1982. Duties include research and teaching at the undergraduate and graduate level. Qualifications should include a PhD in computer science or related field and research experience. Areas of particular interest include programming languages and operating systems, information based systems, theoretical computer science, computer systems organization, and graphics. Send complete resume to Fred M. Tonge, Department of Computer Science, Oregon State University, Corvallis, Oregon 97331 by March 1, 1982. Oregon State University is an Affirmative Action/Equal Opportunity Employer and complies with Section 504 of the Rehabilitation Act of 1973.

CLEVELAND STATE UNIVERSITY

Tenure track positions open at assistant, associate and full professor level. Responsibilities include graduate and undergraduate teaching (two courses per quarter) and research participation. Salary range $24,000 to $30,000 on a nine-month contract at level of assistant professor. Qualifications: Doctorate in Computer Science or closely related area. Close relationships to business, engineering, science, and other departments provide an environment conducive to research and consulting interests. In addition to university computing facilities, the department provides its own laboratories using various minicomputer systems with state of the art interactive facilities for faculty and students use. Inquiries and vita should be sent to: Dr. James D. Schoeffer, Chairperson, Computer and Information Science Department, Cleveland State University, 1963 East 24th Street, Cleveland, Ohio 44115. Equal opportunity employer, M/F.

SUNY STONY BROOK

The Department of Electrical Engineering, SUNY Stony Brook, invites applications for anticipated openings for all Professorial ranks. These positions will be tenure track with salary negotiable. The Department has expanding undergraduate and graduate programs and extensive research activities. The areas of prime interest are computer engineering, digital systems, communications and computer networking, VLSI design and fabrication, experimental device fabrication, and microwave magnetics and robotics. Applicants in other areas will be considered. The Department has close relations with local high technology industry including a major cooperative effort in the VLSI area. SUNY Stony Brook combines the attraction of a semi-rural location with proximity to the resources of the New York City area. Please submit resume to: Dr. Stephen D. Shapiro, Chairperson, Department of Electrical Engineering, SUNY Stony Brook, Stony Brook, NY 11794. SUNY Stony Brook is an equal opportunity/affirmative action employer. AK#222A.

UNIVERSITY OF MISSOURI—COLUMBIA

Applications are invited for the tenure track position of Assistant or Associate Professor in Computer Science. Applicants must have a PhD in Computer Science or a related field and a strong commitment to teaching and research. Salary competitive. Send credentials and names of three references before March 15, 1982 to: Dr. Donald R. Shurtleff, Chairman, Department of Computer Science, University of Missouri, Columbia, MO 65211 AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER.

The LSU Foundation

Distinguished Chair Professorship
of Computer Science

Louisiana State University

The Department of Computer Science at Louisiana State University solicits applications for a Distinguished Chair Professorship, which has recently been created as an endowed Chair by the LSU Foundation. Applicants must possess a significant record of research in computer science.

The Department of Computer Science at LSU has embarked on a program of growth toward excellence and prominence in research in computer science. The Chair Professor’s primary function will be to spearhead this program. Researchers will be considered from all areas of computer science, although preference may be given to persons either in core areas or in areas already developed within the department. Current research interests include information retrieval, database management, software engineering, simulation, pattern recognition, and numerical algorithms.

Salary is competitive and negotiable, and in keeping with the nature of an endowed Professorship. Appointments of Chair Professorship include a full-time secretarial position and $5,000 yearly in discretionary funds.

Applications should be submitted to Professor Walter G. Rudd, Chairman, Department of Computer Science, Louisiana State University, Baton Rouge, Louisiana 70803.

LSU is An Equal Opportunity University

A new quantitative approach to software management and engineering is reflected in this tutorial, which focuses on product-oriented attributes such as size, complexity, and reliability, and process-oriented attributes such as cost, schedules, and resources. The 27 articles include four specially adapted and one newly written for this tutorial. 343 pp.

Order #310
Tutorial—Models and Metrics for Software Management and Engineering
Edited by Victor R. Bassil
October 1980
Members—$15.00
Non-members—$20.00

The LSU Foundation

Distinguished Chair Professorship
of Computer Science
Louisiana State University

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UNIVERSITY OF REGINA
DEPARTMENT OF COMPUTER SCIENCE

Applications are invited for faculty positions in the Computer Science Department at the University of Regina. This expanding Department is seeking individuals with expertise in Operating Systems, Programming Languages, Computer Systems, but applicants with other active interests will also be considered. Depending upon positions and budget allocations, term or probationary appointments may be made at the rank of Assistant or Associate Professor, preferably effective January 1, 1982. The corresponding 1981/82 salary ranges are $22,442-$32,549 and $29,453-$41,623.

The Computer Science Department presently has ten full-time faculty members, two laboratory instructors, one technician and approximately 1,000 students enrolled in its classes. Current faculty interests include: Approximation Theory, Modelling, Graphics Hardware, Software Engineering, Document Retrieval, Data Base Management Systems, Artificial Intelligence, Theory of Computing, Mathematical Software, Business Systems, Performance Measurement, Programming Languages, Computer Assisted Instruction and Software. The Department has a four computing laboratories containing a variety of mini computers and microcomputers for instructional and research activities, and the University has a Honeywell Sigma 8 on campus as well as telecommunications access to a 370/158, a 370/168 and a 3032. First consideration will be given to those who at the time of application are legally eligible to work in Canada.

Enquiries and applications should be directed to:
Dr. L. R. Symes, Head
Department of Computer Science
University of Regina
Regina, Saskatchewan, Canada
S4S OA2

YORK UNIVERSITY. Department of Computer Science. Applications are invited for several academic tenured track and contractually limited appointments at the Assistant Professor and Associate Professor levels. Applicants should have obtained a Ph.D. in Computer Science or equivalent; or will complete such a degree before January 1, 1983. Applicants will be given preference to applicants who have research and teaching interests in information systems, artificial intelligence, computer graphics or minis and micros.

Faculty positions are available on a National Advanced Systems AS 6, a DECSystem-10, a VAX 11/780, and a microcomputer laboratory which includes interactive graphic subsystems.

York University is located in the north-west quadrant of Metropolitan Toronto, an area with one of the highest concentration of computers in Canada. York is also within easy reach of excellent cultural and recreational facilities.

To apply, send your curriculum vitae and three references, by March 1, 1982, to:
Prof. Eshrat Arjomandi, Chairperson
Appointments Committee
Department of Computer Science
York University
4700 Keele Street
Downsview, Ontario
Canada M3J 1P3

NEW YORK UNIVERSITY.

POLYTECHNIC INSTITUTE OF NEW YORK

The POLYTECHNIC INSTITUTE OF NEW YORK has faculty and staff positions available in its Computer Engineering Department. In its new Brooklyn and suburban Long Island and Westchester campuses, Teachers and researchers are affiliated with the B.S., M.S. (third largest in the country), and Ph.D. programs. Tenure track faculty openings require a PhD in computer science or in a related field. Visiting and Industry Professor positions are available based on achievements and professional status. Instructions require an MS degree and teaching or industrial experience. Substantial support for the development of computer science faculty has been received within the past year from major industrial organizations. Areas in most demand are: Software Engineering, Architecture and Design, and Computer Communications. However, strong candidates in other areas of computer science/engineering are encouraged to apply. They will be considered based on experience and credentials, tuition support for instructors, and board access to the intellectual and cultural life of the N.Y. metropolitan area.

Send letter of application and resume to:
Professor E. J. Smith, Chairman
Search Committee
POLYTECHNIC INSTITUTE OF NEW YORK
335 Jay Street
Brooklyn, NY 11201

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER.

Faculty and Visiting Position
University of Wisconsin-Madison

The Department of Electrical and Computer Engineering invites applications for tenure track and visiting faculty positions. A PhD degree is required and successful candidates are expected to participate in both teaching and research activities. Excellence in academic accomplishment and contributing research involvement are more significant than the particular area of specialization. However, the following areas of special interest: Computer engineering, VLSI circuits, automatic control, robotics and electronic circuit design. Rank and salary will be commensurate with qualifications and experience. Send resume and names of three references to W. P. Birke- meyer, Chairman, Department of Electrical and Computer Engineering, University of Wisconsin-Madison, 1415 Johnson Drive, Madison, WI 53706. The University of Wisconsin is an equal opportunity/affirmative action employer.

OAKLAND UNIVERSITY
ROCHESTER, MICHIGAN

The School of Engineering invites applications for two positions in Computer Science with the following preferred areas: Programming methodology, software engineering, computer architecture, robotics, algorithm design and analysis, operating systems, artificial intelligence, parallel and concurrent processing, database systems, computer communication networks. Starting date August 15, 1982. Duties include undergraduate and graduate teaching and research. Area need at all levels in research. Doctorate required. Positions are tenure track with salary and rank dependent upon qualifications. Oakland University is a PhD granting institution. Send resume and names of three references to:

Chairman, Search Committee
POLYTECHNIC INSTITUTE OF NEW YORK
335 Jay Street
Brooklyn, NY 11201

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER.

FACTOR POSITION
THE GEORGE WASHINGTON UNIVERSITY

The Department of Electrical Engineering & Computer Science has openings for faculty positions starting in 1982. The areas of interest include Computer Science, Data Communications and related areas. Persons with an earned doctorate degree and research experience, with an interest in both teaching and research, should send CV, lists of publications and references to Professor A. D. Friedman, Chairman, Department of Electrical Engineering and Computer Science, School of Engineering & Applied Science, THE GEORGE WASHINGTON UNIVERSITY, Washington, D.C. 20052. In addition to U.S. citizens, persons with permanent residence will be considered. The University is an affirmative action/equal opportunity employer.

YALE UNIVERSITY — ELECTRICAL ENGINEERING

Yale University is planning a major expansion in computer engineering and related fields. It seeks a senior person to head activity in an area such as VLSI architecture or robotics. Close cooperation with the Computer Science Department is anticipated. Several junior positions will be available to support the principal effort and to give early exposure from basic studies of solid state devices to automatic control theory. VLSI architecture, computer aided design, computer vision, innovative device design and automatic control are among preferred areas for the junior appointments. Interested candidates should submit resumes before 1 April 1982. Address all correspondence to Professor M. Schultheiss, Chairman of Electrical Engineering, Becton Center, Yale University, New Haven, Conn. 06520. Yale is an affirmative action/equal opportunity employer.

DIRECTOR SCHOOL OF COMPUTER SCIENCE AND TECHNOLOGY
Rochester Institute of Technology

This is an extremely exciting and challenging opportunity for the right individual. The School of Computer Science and Technology is one of the largest computer science programs in the United States. With over 24 full-time faculty, 15 graduate students and 1,260 students, the School seeks an Equal Opportunity/Affirmative Action Employer. Send resume to Dean of Engineering, Oakland University, Rochester, Michigan 48063.

YALE UNIVERSITY — COMPUTER SCIENCE

Yale University — Computer Science is an extremely exciting and challenging opportunity for the right individual. The School of Computer Science and Technology is one of the largest computer science programs in the United States. With over 24 full-time faculty, 15 graduate students and 1,260 students, the School seeks an Equal Opportunity/Affirmative Action Employer. Send resume to Dean of Engineering, Oakland University, Rochester, Michigan 48063.

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Applications are invited for two tenure track faculty positions in Computer Engineering and Electronic Engineering starting Fall 1982. Applicants are expected to have the PhD or equivalence and should have strong interest and capability in both teaching and research. The Computer Engineer will aid in continuing and extending the development of an Engineering BS degree program into areas of specializations, such as communications, networking, multiprocessing, smart instrumentation, and industrial applications of digital control. For the Electronic Engineering position, persons are sought with a strong interest in the areas of digital electronics, instrumentation and the applications of microprocessors to digital control. Rank and salary will depend on qualifications and experiences. Resumes and inquiries should be directed to Prof. Mamdouh Abol-El-Aata, Division of Engineering, San Francisco State University, 1600 Holloway Ave., San Francisco, CA 94132. The formal cut-off date for applications is April 15, 1982. Applications received after this date will be reviewed if the appointments have not been made. San Francisco State University is an equal opportunity employer.

**COMPUTER SCIENCE DEPARTMENT**

Assistant Professor/Associate Professor: applications are being accepted for a permanent, tenure track position beginning September, 1982. DUTIES: teach 12 credits per semester of undergraduate computer science courses, beginning through upper level, in an applied computer science program. A background in Fortran, Cobal, and a block structure language is useful, and may also entail curriculum development involving microcomputers, operating systems, or commercial data processing, advising majors, assisting with an internship program, and participating in academic and professional activities.

**ACADEMIC PREPARATION:** Assistant Professor—Masters in Computer Science or a related field plus ten graduate credits. Teaching experience is desirable. Associate Professor—minimum requirement are a Masters in Computer Science or a related field. PhD desirable. The Computer Science Department has an applied nontraditional program. There are nine faculty and 500 majors. Send applications to Dr. Gerald M. Burik, Chairman, Computer Science Department, Indiana University in Pennsylvania, Indiana, PA 15705. Applications deadline is February 15, 1982. IUP is an equal opportunity/affirmative action employer.

**UNIVERSITY OF CALIFORNIA SANTA BARBARA**

The Department of Computer Science is seeking qualified applicants for tenure-track positions at the Assistant Professor level beginning September 1982. Normally, completion of the PhD is required. Some experience in teaching is preferred, and both promise and significant achievement are expected in an area of mainstream Computer Science research. The positions will entail teaching at both the undergraduate and graduate levels, developing extramurally-funded research programs and directing doctoral research. Exceptionally well-qualified persons whose background and experience warrant a tenure-level appointment, are also encouraged to apply. Send resume along with the names of at least four references to: Chairman, Search Committee, Department of Computer Science, 2111 Engineering Building, University of California, Santa Barbara, California 93106, by February 15, 1982. An Equal Opportunity/Affirmative Action Employer.

**WEST CHESTER STATE COLLEGE ONE OR MORE TENURE/TRACK POSITIONS**

Assistant or Associate Professor of Computer Science. Rank and salary dependent upon qualifications. PhD or ABD with a background in Computer Science. Applied Mathematics or Engineering required. Business or industrial experience desirable. Will be required to teach a wide spectrum of both graduate and undergraduate courses in Computer and Information Sciences, as well as undergraduate courses in Mathematics. Department has computer terminals in offices and T.V. monitors in classrooms for on-line demonstrations. An excellent retirement system, Blue Cross/Blue Shield Major Medical, Group Life, dental and optical insurances, family tuition waiver, sabbaticals, etc., are available. Candidates must apply by letter and supply a full dossier of credentials including three letters of recommendation. Applications should be sent to Professor James Fabrey, Chairperson, Search Committee, Department of Mathematical Sciences, West Chester State College, West Chester, PA 19380. Telephone: 215-436-2440. Deadline date for applications is March 1, 1982.

**WEST CHESTER STATE COLLEGE IS AN AFFIRMATIVE ACTION EQUAL OPPORTUNITY EMPLOYER.**

**SEATTLE UNIVERSITY**

Applications are invited for a tenure track position at the assistant/associate professor level within the Department of Software Engineering in the School of Science and Engineering at Seattle University, beginning fall 1982. S.U. began its Software Engineering Program in 1979 and will award its first Masters of Software Engineering degrees in June 1982. The areas of expertise sought include, but are not limited to, systems analysis, system design, programming methodology, databases, distributed systems, software metrics, software management, human factors, V&V and security and privacy. Substantial opportunities exist in the Seattle area for industrial consultation, and research is encouraged. Applicants should submit their resumes together with three names of referees to Dr. Y. Y. Lee, Director of Software Engineering, Seattle University, Seattle, WA 98122. Closing date for receipt of applications is March 1, 1982. Seattle University is an equal opportunity/affirmative action employer.
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<th>1980 Hardbound Editions</th>
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**California State University, Fullerton**

The Faculty of Electrical Engineering at California State University, Fullerton seeks applications for tenure-track positions at the assistant professor level and for open lecturer positions, starting in September 1982. Outstanding candidates may also be considered for associate professor level. Applicants should hold a Ph.D. in electrical or computer engineering with specialization in computers and digital systems. Candidates must indicate interest in tenure-track or lecturer positions, or both. Send resume and three references before March 31, 1982 to: Dr. Mohinder S. Grewal, Electrical Engineering Faculty, Division of Engineering, California State University, Fullerton, CA 92634. CSUF is an affirmative action/equal opportunity Title IX employer.

**University of Nevada, Las Vegas**

Department of Mathematical Sciences

**Computer Science. Rank and Salary Negotiable** with position starting September 1982. Require Ph.D. in Computer Science or closely related field. Prefer interest in computer architecture, microprocessor technology, distributed systems, database systems, operating systems, programming languages, or graphics. To teach undergraduate courses, participate in MS program, and do research in computer science. Send letter of application, resume, transcripts, and names and addresses of four references to:

Professor Stephen Sherman
Search Committee
Department of Mathematical Sciences
University of Nevada, Las Vegas
Las Vegas, NV 89154

Review of applications will begin February 15, 1982 and will continue until the position is filled.

The University of Nevada, Las Vegas, is an Equal Opportunity/Affirmative Action Employer, M/F.

**FACULTY POSITIONS IN COMPUTER SCIENCE AND ENGINEERING NORTHWESTERN UNIVERSITY**

The Department of Electrical Engineering and Computer Science at Northwestern University has several full-time faculty position openings starting with the academic year 1982-83. Candidates' main interests should be in one or more of the following areas: programming languages, database management, operating systems, software engineering, computer-aided design and graphics, distributed computer systems, and computer architecture. All candidates should have strong research potential and be able to teach a broad spectrum of computer science and engineering courses. These openings are normally at the Assistant Professor level, with the possibility leading to promotion and tenure. Experienced and outstanding candidates may be considered for higher ranks.

Northwestern University is an affirmative action employer and encourages applications from women and members of minority groups. Applicants should have a doctoral degree in computer science or a closely related field before the faculty appointment starts. Interested persons should send their resumes, including at least four references, to:

Dr. Stephen S. Yau
Chairman
Department of Electrical Engineering and Computer Science
Northwestern University
Evanston, Illinois 60201

**Tulane University**

New Orleans, Louisiana

Computer Science Department

Immediate opening. Tenure-track position with rank dependent on qualifications. Applicants should have a doctoral degree in Computer Science or a related field. Duties include teaching undergraduate and graduate courses, direction of Ph.D. candidates and development of research areas. Applicants are solicited particularly in the following areas:

- Software Engineering
- Programming Languages
- Distributed Processing
- Artificial Intelligence
- Data Base Systems

Highly qualified applicants in other areas will be considered.

Tulane University is a privately endowed institution dedicated to academic excellence. Please send resume and three references to Dr. Victor J. Law, Head, Computer Science Department, Tulane University, New Orleans, LA 70118. AA/EOE.

**POSITION FOR LECTURER ($17,412 - 20,880), ASSIST. PROF. ($19,044 - 22,896), ASSOC. PROF. ($23,978 - 28,884), OR PROF. ($30,276 - 36,840)**

**OP COMPUTER SCIENCE AVAILABLE IN JAN. APR OR SEP 1982 to offer graduate, courses, advise students, participate in curriculum development and program evaluation, and participate in other courses as appropriate to individual's education and research. Teaching load equated to twelve hours per week of lecture and lab. The Ph.D. in CS is preferred; Master's in CSci is considered. Facilities include local CDC Cyber 720 and PDP 11/45 computers, microcomputers, and connections to central CSUC system facilities. Applicants should submit letter of application, vitae, three letters of recommendation and all official transcripts. Applications will be accepted until position is filled.**

Dr. James D. Crum, Dean
School of Natural Sciences
California State College
5500 State College Parkway
San Bernardino, CA 92407

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION, SECTION 504, TITLE IX EMPLOYER.

**The University of Texas at San Antonio**

Electrical Engineering, UTSA, a growing institution with a combined undergraduate and graduate enrollment of 10,500 will initiate a new undergraduate engineering program in September 1982, with BS degrees in civil, electrical and mechanical engineering. Applications are invited for Assistant and Associate tenure-track positions. Preference will be given to individuals with teaching and research interests in Computer Engineering and Electronics. Desired qualifications include an earned doctorate, a willingness to participate in the formation of a new program, and a commitment to quality undergraduate teaching. Mail application and resume to:

Mario J. Gonzalez, Acting Director, Division of Engineering, The University of Texas at San Antonio, San Antonio, Texas 78285.

UTSA is an equal opportunity, affirmative action employer.