



SAN DIEGO STATE UNIVERSITY

Endowed Professor Position in Electrical and Computer Engineering

The Department of Electrical and Computer Engineering at San Diego State University has recently received a \$3.5M gift from Eric and Peggy Johnson to establish *The fred harris Endowed Chair in Digital Signal Processing*. This endowment is to honor emeritus professor fred harris and his legacy of excellence and teaching in digital signal processing. Applications are invited for a tenure-track, endowed full professor position in the broad area of digital signal processing, with an anticipated start date of August 2022. The areas of interest include, but not limited to, audio, image and video processing, signal processing over networks, signal processing in communication systems, biomedical signal processing and signal processing in cyber physical systems. The applicant must hold a tenured associate or full professor appointment with a Ph.D. in Electrical Engineering, Computer Engineering, or closely related discipline, with an outstanding track record of scholarship and externally funded research. Additional information and application procedure are available at <http://apply.interfolio.com/98514> Inquires can be sent to Professor Sunil Kumar, Search Committee Chair, at skumar@sdsu.edu.

The successful candidate will be expected to establish and maintain a strong externally funded research program, achieve excellence in teaching at the undergraduate and graduate levels, advise students, and participate in departmental governance.

The Department of Electrical and Computer Engineering is strongly committed to excellence in both research and teaching at the graduate and undergraduate levels. The department offers an ABET-accredited B.S. degree program in Electrical Engineering and Computer Engineering, M.S. program in Electrical Engineering, and joint Ph.D. program in Electrical Engineering. The ECE Department has over 30 full-time and part-time faculty members, including 3 IEEE Fellows. Research areas in the department include, analog and digital integrated circuits, computer networks, embedded systems, signal processing and communication systems, antennas, RF and electromagnetic compatibility, machine learning and artificial intelligence, power electronics and smart grid. Additional information about the department and university can be found at <http://electrical.sdsu.edu/> and <http://www.sdsu.edu>.

We encourage candidates to send applications as soon as possible. Application review will start from January 1, 2022 and will continue until the position is filled. Candidates should submit a cover letter, curriculum vitae, and teaching and research statements, diversity statement, and names and contact information of three (3) references.

We are seeking applicants with demonstrated experience in and/or commitment to teaching and working effectively with individuals from diverse backgrounds and members of underrepresented

groups. Candidates must satisfy two or more of the eight Building on Inclusive Excellence (BIE) criteria. Candidates that meet BIE criteria: (a) are committed to engaging in service with underrepresented populations within the discipline, (b) have demonstrated knowledge of barriers for underrepresented students and faculty within the discipline, (c) have experience or have demonstrated commitment to teaching and mentoring underrepresented students, (d) have experience or have demonstrated commitment to integrating understanding of underrepresented populations and communities into research, (e) have experience in or have demonstrated commitment to extending knowledge of opportunities and challenges in achieving artistic/scholarly success to members of an underrepresented group, (f) have experience in or have demonstrated commitment to research that engages underrepresented communities, (g) have expertise or demonstrated commitment to developing expertise in cross-cultural communication and collaboration, and/or (h) have research interests that contribute to diversity and equal opportunity in higher education. Please indicate in a separate diversity statement how you meet at least two (2) of these criteria.

SDSU is the oldest institution of higher education in the San Diego region, with a campus and microsites in San Diego and locations in Southern California's Imperial Valley and Tbilisi in the Republic of Georgia. The highly diverse campus community has a student population of approximately 36,000. SDSU is included in the Carnegie Foundation's Doctoral Universities: High Research Activity category. Established in 1897, SDSU offers bachelor's degrees in 97 areas, masters in 84 and doctorates in 23. See <http://www.sdsu.edu> for more information. SDSU is a large, diverse, urban university and Hispanic-Serving Institution with a commitment to diversity, equity, and inclusive excellence. Our campus community is diverse in many ways, including race, religion, color, sex, age, disability, marital status, sexual orientation, gender identity and expression, national origin, pregnancy, medical condition, and covered veteran status. We strive to build and sustain a welcoming environment for all.

As part of its commitment to a safe and equitable "OneSDSU" community, SDSU requires that individuals seeking faculty employment provide at the time of application authorization to conduct background checks if they become a finalist for the position; applications without this authorization will be considered incomplete and not considered. A background check (including a criminal records check) must be completed before any candidate can be offered a position with the CSU. Failure to satisfactorily complete the background check may affect the application status of applicants or continued employment of current CSU employees who apply for the position.

The person holding this position is considered a "mandated reporter" under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 as a condition of employment.

SDSU is a Title IX, equal opportunity employer and does not discriminate against persons on the basis of race, religion, national origin, sexual orientation, gender, gender identity and expression, marital status, age, disability, pregnancy, medical condition, or covered veteran status.