Driving Innovation Forward

Qualcomm Institute
Affiliated Faculty:

CURRENT RESEARCH

Connecting brilliant minds, producing tomorrow's inventions

When bright individuals from different backgrounds, skills, and disciplines are free to explore and learn from each other, magic starts to happen and concepts turn into reality. Case in point: the Qualcomm Institute at UC San Diego, which brings together the strengths of 350 faculty and senior researchers who are free to collaborate and interact in ways that were previously unthinkable because of the traditional silos of academic departments. The institute, created in 2000, has forged new ways to undertake research on the university campus, allowing researchers and students from widely varying fields to occupy neighboring desks, offices and research neighborhoods. The ensuing interactions and chance encounters have produced long-term research alliances bringing together artists and physicists, electrical engineers and musicians, archaeologists and computer scientists, and many more unlikely and serendipitous collaborations.

Under Director Ramesh Rao, a professor of electrical and computer engineering at UC San Diego, the Qualcomm Institute has fostered a multidisciplinary environment where researchers and students alike are encouraged to think freely, collaborate closely, and overcome obstacles to succeed. "A strange, mysteriously fascinating place," is how he explains it. "Ever diffuse and all-encompassing, the Qualcomm Institute cultivates a free-spirit that places interdisciplinary research at the heart of its vision, where people can deepen their 'love affair' with their interests and passions, by combining partially incomplete efforts to complete a single vision," says Rao. "They can develop theory into practice and test new solutions for real-life applications. Alongside the "structured" public...

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AFFILIATION

○ University of California, San Diego

AWARDS

- Lei Liang
- YY Zhou
- Ramesh Rao
- Gabriel Rebeiz
- Sheldon Brown

RESEARCH AREAS

Technology, Informational Sciences / Internet, IOT, Devices, Data, Veteran's Causes

FUNDING REQUEST

Your contributions will support the interdisciplinary work of the Qualcomm Institute at UC San Diego as well as enable technologies in fields including robotics, design, and brain science. Your donations will help fund the roughly $1.6M per year in support (currently allotted to 35 projects) required to sustain many talented individuals, equipment and devices. Be part of this unique and powerful endeavor, fueling innovation in the global economy!