

Pulse

Our Engineering Talent Pipeline



Diversity in our Engineering Talent Pipeline

Leadership

Dean: **F. Seible**
Associate Dean: **J. ...**
Associate Dean: **A. ...**
Associate Dean for Administration and Finance: **J. ...**
Executive Director of External Relations: **J. ...**

Academic Departments

Bioengineering: **A. ...**
Computer Science and Engineering: **A. ...**
Electrical and Computer Engineering: **A. ...**
Mechanical and Aerospace Engineering: **A. ...**
NanoEngineering: **A. ...**
Structural Engineering: **A. ...**

Council of Advisors

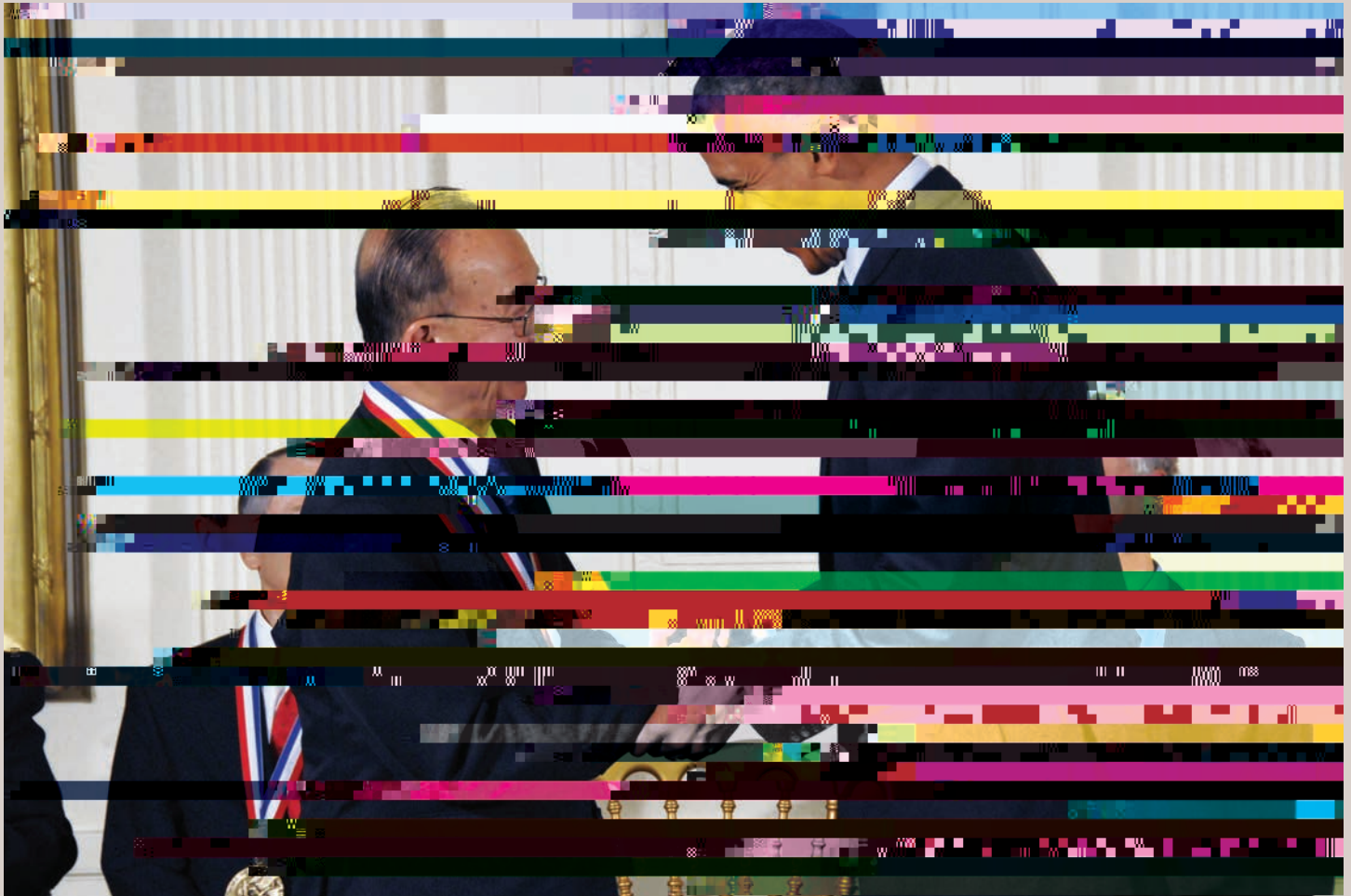
Chair: **B. ...**, Damol Technology Consulting
Vice Chair: **A. ...** (A. '80), ViaSat, Inc.
A. ... (B. '74, '77, '83), Cymer, Inc.
I. A. ... (A. '70)
I. B. ..., General Atomics
B. ..., Cushman & Wakefield
A. ..., Grupo Cuprum
A. ..., Englekirk Partners Consulting Structural Engineers, Inc.
A. ... (B. '81, '83, '84), 2020 Venture Partners
A. ..., ResMed
A. ..., SAIC
A. ..., Cisco Systems, Inc.
B. ..., NeuroLogica Corporation
I. ..., S. Graham & Associates
I. ..., Corning, Inc.
A. ..., Qualcomm, Inc.
A. ... (B. '82), Grid2Home
A. ..., Analytical LLC
I. ..., Overland Storage, Inc.
A. ..., Naviscan
A. ..., SDG&E
A. ..., Gen-Probe
B. ...



FRIEDER SEIBLE, DEAN

Cover shot: Global TIES students are designing a “humdinger” — essentially a 1-meter long wind belt that draws energy from oscillations produced by a phenomenon known as

Shu Chien Wins National Medal of Science



Bioengineering professor Shu Chien received the National Medal of Science for his research on how diseases affect vessels, and his research has led to new technologies that create new technologies, such as the development of a new type of artificial heart.

Chien said the National Medal of Science is a great honor and a recognition of his innovation.

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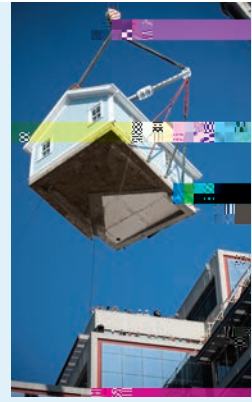
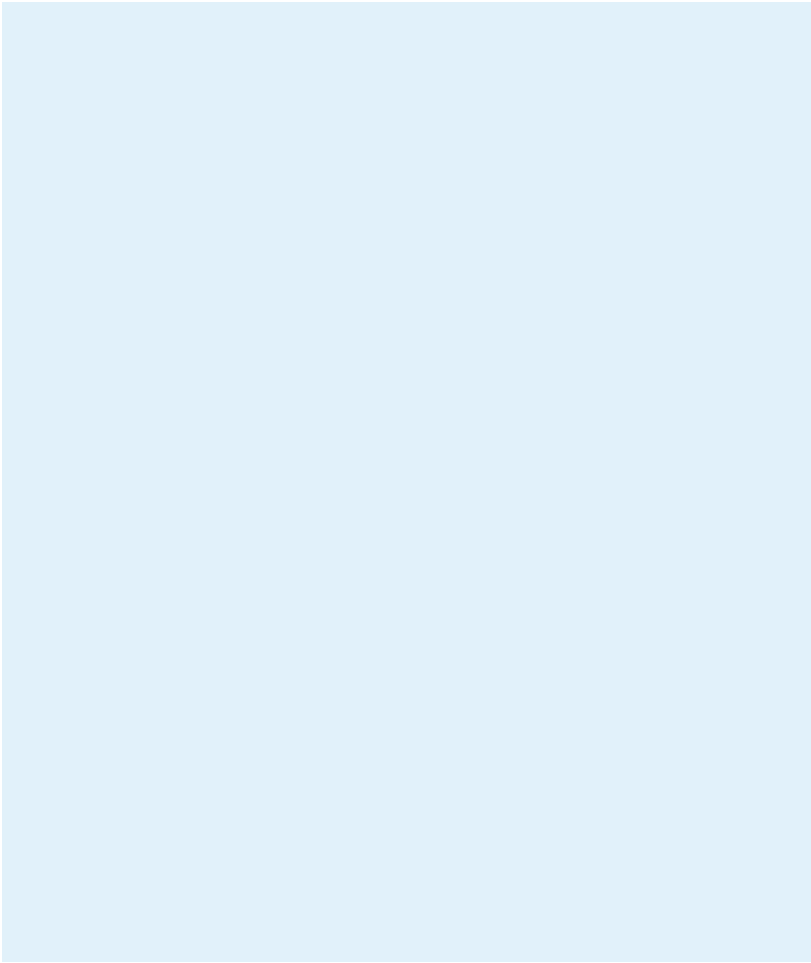
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or



Bioengineering Students Named 2012 Siebel Scholars

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Global TIES





Team Internship Program

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Outreach Programs and Student Organizations

von Liebig Entrepreneurism Center

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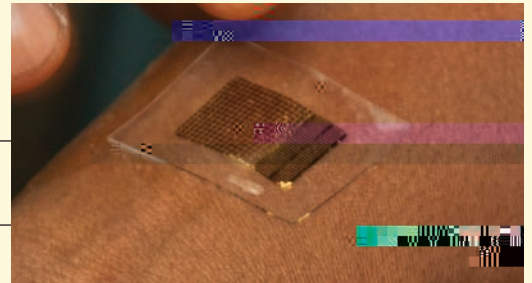
Master of Advanced Study: Professional Degrees for Engineers

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Shanahan said.



Brain + Machine = ?



Does Your Smartphone Understand You?

New Faculty

Christine Alvarado

Carlos F. Coimbra

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at UC Merced

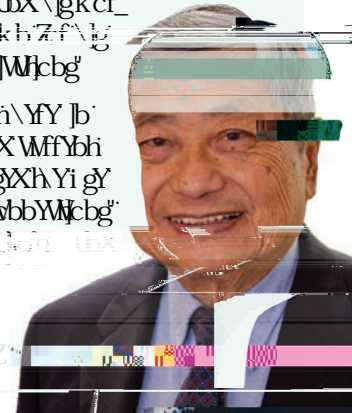
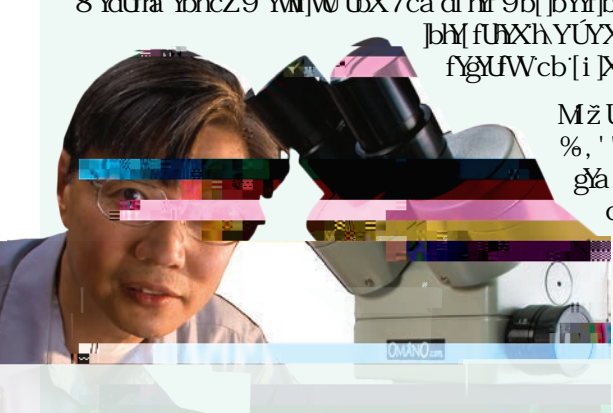
Paul Yu Named to Chang Endowed Chair

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VYbblá YXhY|bU| |i fU'c Xf'cZHYK |"Lá "G'7"7\Ub| 9bXck YX7\Uf|b9 YW|WUbX7ca di hf'9b| |bYf|b|"

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8 YdUfa YbhcZ9 YW|WUbX7ca di hf'9b| |bYf|b| "7\Ub| Zci bXXh Y9 YW'cb|W8 Y| MgUbXA Uhf|Ug| fci dZUbX\lgkcf_'
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\| \|dck Yf'd'c|cX'cXgZcf'UbUc| UYf' |b_gWá a cbm| gY
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for the past two decades.



Peter Nguyen

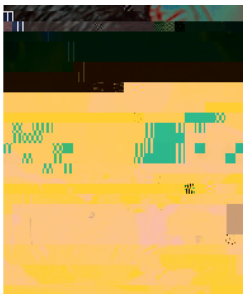
B.S. Electrical Engineering 1988,

M.S. Materials Science 2006, Ph.D. 2011

Bitwave Semiconductor

Senior Research Engineer

Senior Research Engineer



Ricardo Rubalcava

B.S. Chemical engineering 2006

Environmental Coordinator, BAE Systems

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Fontaine Shu

B.S. Computer Science 2006

Sr. Web Developer, SweetLabs, Inc.

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Aaron Sathrum

M.S. 2006, Ph.D. 2011 Materials Science

Research Engineer, General Atomics

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Rivan Paulos

B.S. Electrical Engineering 2010

Firmware Engineer, Western Digital

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