

Press Releases for 2012

☒ December 6, 2012

[UCSB Researchers Take Next-Generation Augmented Reality Apps 'Anywhere'](#)

UC Santa Barbara computer scientists are changing the face of augmented reality by modeling user experience and adding dynamic crowdsourced data

☒ November 20, 2012

[Nanotech Device Mimics Dog's Nose to Detect Explosives](#)

Inspired by the biology of canine scent receptors, UC Santa Barbara scientists develop a chip capable of quickly identifying trace amounts of vapor molecules

☒ November 2, 2012

[NSF Grant Boosts CalTeach Program for STEM K-12 Teachers](#)

UCSB faculty in education, engineering, and physics receive \$1.19M grant to fund teacher credential candidates

☒ October 23, 2012

[Scientists Build 'Mechanically Active' DNA Material](#)

Researchers at UCSB have designed a 'smart' material made of DNA that responds with movement when stimulated

☒ October 22, 2012

[New Test May Uncover Deadly Hypertension in Pregnancy](#)

Novel biomarker diagnostic test could revolutionize the diagnosis of pre-eclampsia, a complex condition that can be fatal if undiagnosed during pregnancy

☒ October 18, 2012

[High Tech Recruiters Greet Crowd of Engineering Students at Career Fair](#)

UCSB's Fall Career Fair draws 91 recruiters and a throng of job-seeking students

☒ October 16, 2012

[Envisioning Novel Approaches for Eye Disease: 'The New Medicine' at UC Santa Barbara](#)

Amgen founder Bill Bowes gives \$5 million to develop stem cell therapy for ocular disease; donation launches EMBODI, new biomedical initiative

☒ October 15, 2012

[New Center Applies Research to Biomass Reuse for Chemical Products](#)

Multi-campus research center established with \$1.75M NSF grant to develop chemical products and materials from renewable feedstocks

☒ September 20, 2012

[Umesh Mishra Receives Welker Award for Achievements in Energy Efficient Semiconductor Research](#)

Heinrich Welker award recognizes Professor Mishra for sustained leadership in the development of gallium nitride-based high-power electronics

☒ September 13, 2012

[Shuji Nakamura Named Inventor of the Year](#)

UCSB Professor Nakamura honored by the Silicon Valley Intellectual Property Law Association

☒ September 11, 2012

Materials Professor Receives National Chemistry Award

Professor Craig Hawker, Director of the Materials Research Laboratory, Honored with 2013 ACS Award in Polymer Chemistry.

☒ July 30, 2012

Materials Professor Tresa Pollock Awarded ASM Gold Medal

☒ July 23, 2012

UCSB Researchers Achieve World's First Violet Nonpolar Vertical-Cavity Laser Technology

UC Santa Barbara solid state lighting team develops the first m-plane nitride based nonpolar vertical-cavity surface-emitting lasers (VCSELs)

☒ July 19, 2012

Professor Honored for Outstanding Contributions to Chemical Engineering Literature

Chemical Engineering professor Jacob Israelachvili to receive AIChE's 2012 Walker Award for authoritative textbook on intermolecular forces

☒ July 17, 2012

Calculations Reveal Fine Line for Hydrogen Release from Storage Materials

UC Santa Barbara scientists calculate microscopic reaction mechanisms in promising energy storage material aluminum hydride and challenge outdated reaction curve interpretations

☒ July 9, 2012

Salmonella enterica: The Cell Hacker (Disease Cycle Illustrations)

MEDIA ALERT: Graphics available for high impact news content

☒ July 3, 2012

[New \\$500,000 Endowed Chair to Advance Semiconductor Research at UCSB](#)

UC Santa Barbara Professor James Speck has been named the Seoul Optodevice Chair in Solid State Lighting

☒ June 25, 2012

[Tech Start-up Luminary Honored as Business Leader and Student Mentor](#)

John Greathouse, advisor behind the success of Santa Barbara technology companies Citrix, Eucalyptus, and RightScale, receives UCSB Technology Management Program's highest honor

☒ June 13, 2012

[Computer Science Senior Honored with Chancellor's Award for Research in Network Security](#)

Christopher Badger recognized for research on a secure peer-to-peer network that works by randomizing connections

☒ June 13, 2012

[Electrical Engineering Senior Spotlight: Kene Akametalu Receives Hynes-Wood Award](#)

☒ June 13, 2012

[Mechanical Engineering Senior Spotlight: Lily Li Receives Tirrell Research Award](#)

☒ May 30, 2012

[Bioengineering Group Develops Synthetic Platelets for Drug Delivery](#)

Synthetic platelets are a critical advancement for imaging and highly targeted drug delivery to treat blood clots or cancer

☒ May 22, 2012

[\\$3.3M NSF Award Creates UCSB and UTEP Partnership for Materials Research](#)

New partnership will boost under-represented student participation in renewable energy technology research and attaining advanced degrees

☒ May 16, 2012

[Professor Craig Hawker Wins Centenary Prize for Chemistry](#)

Craig Hawker, Director of the Materials Research Laboratory, honored by Royal Society of Chemistry for polymer synthesis research

☒ May 13, 2012

[Oracle Chairman Jeff Henley's \\$50 Million Gift Advances Technology Research at UCSB](#)

Gift from alumni Jeff and Judy Henley will fund collaboration and scientific research at UCSB's College of Engineering and Institute for Energy Efficiency

☒ April 26, 2012

[X-Rays Reveal Molecular Arrangements for Better Printable Electronics](#)

Research could lead to cheaper and more efficient printable electronic devices

☒ April 26, 2012

[Matt Helgeson Named 2012 Distinguished Young Rheologist](#)

Chemical Engineering professor is the first recipient of the award from TA Instruments

☒ April 26, 2012

[Former UCSB Doctoral Student Justin Weber Wins 2012 Nicholas Metropolis Award](#)

Awarded for "Outstanding Doctoral Thesis Work in Computational Physics"

☒ April 26, 2012

[Emerging Theoretical Framework May Guide Researchers Through the Complex World of Multiblock Polymers](#)

Researchers suggest combining predictive computer simulation methods with advanced synthetic and structural characterization tools

☒ April 17, 2012

[UCSB Professor of Materials Science Elected to American Academy of Arts and Sciences](#)

☒ April 16, 2012

[Ultra-Sensitive Electrical Biosensor Unlocks Potential for Instant Diagnostic Devices](#)

Researchers at UC Santa Barbara propose Tunnel-FET based biosensor 10,000 times more sensitive than conventional FET-based sensors

☒ April 11, 2012

[UCSB Student a Top Competitor in DOE National Clean Energy Challenge](#)

Physics student competes among best young innovators in the nation with 'Spinergy' energy storage technology

☒ March 13, 2012

[UCSB Engineering Programs Top the 2013 U.S. News Rankings](#)

U.S. News ranks UCSB graduate programs in Materials #1 and Chemical Engineering #5 in the nation among public universities

☒ March 7, 2012

Nanoelectronics Professor Kaustav Banerjee Wins Bessel Research Award

Banerjee is first UCSB engineering professor to receive a prestigious Friedrich Wilhelm Bessel Research Award from the Alexander von Humboldt Foundation of Germany

☒ March 6, 2012

First-Generation UCSB Engineering Students Honored as ESTEEM Scholars

Student scholars find support in new program that recognizes academic merit and encourages college completion for first-generation engineering students

☒ February 27, 2012

Computer Science Researcher Awarded IBM PhD Fellowship

PhD candidate Arijit Khan honored for his innovative research in data mining

☒ February 27, 2012

Professor's Research Among 20 Years of Best Papers in Computing

Two of professor Rick Wolski's papers made the "20 best papers in the last 20 years" list from the International ACM Symposium on High Performance and Distributed Computing

☒ February 15, 2012

Chemical Engineering Professor Awarded Sloan Research Fellowship

☒ February 9, 2012

Professor Steven DenBaars Elected to National Academy of Engineering

DenBaars, a professor of electrical and computer engineering and of materials, was recognized for his contributions to gallium nitride-based materials and devices for solid state lighting and displays.

☒ January 19, 2012

Three UCSB Professors Elected as IEEE Fellows

Three faculty members with the UCSB College of Engineering are recognized by the world's largest technology professional association for their research contributions

☒ January 19, 2012

UCSB Engineering Professor Mark Rodwell Appointed to Doluca Chair

☒ January 18, 2012

UCSB Researchers Uncover Transparency Limits on Transparent Conducting Oxides

Computational Materials researchers at UC Santa Barbara use cutting-edge calculations to determine fundamental optical transparency limits in conducting oxide material tin oxide

☒ January 12, 2012

UCSB Bioengineering Leader Frank Doyle Named Innovator of the Year

Professor Frank Doyle to be honored as Innovator of the Year by the Santa Barbara Region Chamber of Commerce

☒ January 6, 2012

UCSB Entrepreneur Contest Aims for Next Big Technology Venture

Technology Management Program kicks off the 2012 New Venture Competition for UCSB students and Central Coast business mentors

☒ January 6, 2012

UCSB Ranks No. 17 Among Nation's Top 100 Best-Value Public Universities