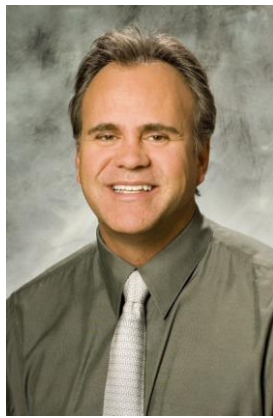


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## **Biography**



Dr. DenBaars is a Professor of Materials and Co-Director of the Solid-State Lighting Center at UC Santa Barbara. Professor DenBaars joined UCSB in 1991 and currently holds the Mitsubishi Chemical Chair in Solid State Lighting and Displays. From 1988-1991 Prof. DenBaars was a member of the technical staff at Hewlett-Packard's Optoelectronics Division involved in the growth and fabrication of visible LEDs. He received his PhD in Electrical Engineering from the University of Southern California in 1988. Specific research interests include growth of wide-band gap semiconductors (GaN based), and their application to Blue LEDs and lasers and energy efficient solid state lighting. This research has led to over 759 scientific publications and over 168 U.S. patents on electronic materials and devices. He has been awarded a NSF Young Investigator award, Young Scientist Award of the ISCS, is an IEEE Fellow, IEEE Aron Kressel Award(w/ Prof. James Speck), Visiting Professor of the Institute for Advanced Studies (IAS) HKUST, and recently elected Member of the National Academy of Engineering(2012),and elected Fellow of the National Academy of Inventors (2014).