

# **Michael Norman**

**Director of the San Diego Supercomputer Center and Distinguished Professor of Physics at UC San Diego**

La Jolla, CA, US

Michael Norman is author of over 300 research articles in the diverse areas of astrophysics, including star and galaxy formation.

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## **Biography**

Norman, named SDSC interim director in June 2009 and appointed to the position of director in September 2010, is a distinguished professor of physics at UC San Diego and a globally recognized astrophysicist. Norman is a pioneer in using advanced computational methods to explore the universe and its beginnings. In this capacity, he has directed the Laboratory for Computational Astrophysics -- a collaborative effort between UC San Diego and SDSC resulting in the Enzo community code for astrophysics and cosmology in use worldwide. Norman is the author of over 300 research articles in diverse areas of astrophysics, including star and galaxy formation, the evolution of intergalactic medium, as well as numerical methods. Norman's work has earned him numerous honors, including Germany's prestigious Alexander von Humboldt Research Prize, the IEEE Sidney Fernbach Award, and several HPCC Challenge Awards. He also is a fellow of the American Academy of Arts and Sciences, and the American Physical Society. He holds an M.S. and Ph.D. in engineering and applied sciences from UC Davis, and in 1984 completed his post-doctoral work at the Max Planck Institute for Astrophysics in Garching, Germany. From 1986 to 2000, Norman held numerous positions at the University of Illinois in Urbana, as an NCSA associate director and senior research scientist under Larry Smarr, and as a professor of astronomy. From 1984 to 1986, he was a staff member at Los Alamos National Laboratory.

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## **Areas of Expertise**

High-Energy Astro, Galaxy Formation, Computational Astrophysics, Cosmology, Star Formation

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## **Education**

**UC Davis**

Ph.D. Engineering and Applied Sciences

**UC Davis**

M.S. Engineering and Applied Sciences

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## **Accomplishments**

### **2014 UC San Diego Diversity Award**

The annual Equal Opportunity/Affirmative Action and Diversity Awards Program honors staff, faculty, students, departments, and organizational units or groups that make outstanding contributions in the areas of equal opportunity, affirmative action, diversity, and the UCSD Principles of Community during the year.

### **Fellow of American Academy of Arts and Sciences**

Five faculty members at the University of California, San Diego have been named fellows of the American Academy of Arts and Sciences, the academy has announced. The five are among 196 new fellows and 17 new foreign honorary members in the academy's 225th class.

### **Alexander von Humboldt Research Prize**

Recipient

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