

11. NSEC PUBLICATIONS and PATENTS

Note: ^asignifies research principally supported by the NSEC
^bsignifies research partially supported by the NSEC
^csignifies research where NSEC Facilities were utilized

1. ^{a,c}Abkarian, M., M. Faivre, and **H.A. Stone**, “High-speed microfluidic differential manometer for cellular-scale hydrodynamics,” *Proc. Natl. Acad. Sci. U.S.A.* **103**, 538–542 (2006).
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12. HONORS AND AWARDS, 2005–2006

Federico Capasso

King Faisal International Prize in Physics (shared with Frank Wilczek (MIT) and Anton Zeilinger (University of Vienna), Faisal Foundation, 2005
Presidential Medal for Culture, Arts and Sciences, President of the Republic of Italy, 2005

Arthur C. Gossard

TMS John Bardeen Award, 2005
Recognizes an individual who has made outstanding contributions and is a leader in the field of electronic materials
AAAS Newcombe-Cleveland Award
For best paper of the year in Science Magazine, awarded by the AAAS, February, 2006

Eric J. Heller

Named Lectureship: Astor Visiting Fellow, Oxford, UK, 2005
American Chemical Society Award in Theoretical Chemistry, American Chemical Society, 2005
Fellow, Wissenschaftskolleg zu Berlin, Wissenschaftskolleg zu Berlin, Germany, 2004–2005

Marc Kastner

Fellow of the American Physical Society and of the American Association for the Advancement of Science

Charles M. Lieber

Nano 50 Award from *Nanotech Briefs*

Venkatesh Narayanamurti

Six Invited Talks at major conferences, 2005
Member, Engineering Dean's Council, Cornell University, 2003–2008
Member Math. And Physical Sciences Advisory Board, NSF, 2003–2006
Chair, Dan David Prize Committee, 2005
Endowed Chair in Computer Science created in V. Narayanamurti's name at UCSB, 2005
Eli Jury Award Lecturer, University of Miami, 2005
Member, Center for Integrated Nanotechnologies Board, Sandia National Laboratories, 2005
Member, National Research Council's MRSEC Assessment Committee, 2005–2007

Hongkun Park

Teacher-Scholar Award, Camille and Henry Dreyfus Foundation, 2003–2008
Fellowship for Science and Engineering, David and Lucile Packard Foundation,
2001–2005

Pierre Petroff

Quantum Device Award, International Conference on III-V Compounds,
September 2005

Howard A. Stone

MWO-UWO Distinguished Lecture in Engineering, University of Western
Ontario, 2005
Chair, APS Division of Fluid Dynamics 12/05-12/06

Robert M. Westervelt

Director, Board of Advisors NISE Network of Museums, NISE Network, 2006
Board of Advisors, CINT Sandia National Lab, CINT Sandia National Lab, 2003–
present

George M. Whitesides

Dan David Prize in Future Science, Dan David Foundation (Israel), 2005
Welch Award, Welch Foundation, 2005
Linus Pauling Award, Northwest Section, ACS, 2005

Xiaowei Zhuang

Howard Hughes Medical Institute Investigator, 2005
Camille Dreyfus Teacher-Scholar Award, 2005