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PNAS Announces 2006 Cozzarelli Prize Recipients

WASHINGTON – The Proceedings of the National Academy of Sciences (PNAS) has awarded the Cozzarelli Prize to six outstanding PNAS papers published in 2006.

In 2005, PNAS established the annual Paper of the Year Prize to recognize recently published PNAS articles of scientific excellence and originality. The lab motto of Nick Cozzarelli, the late Editor-in-Chief, was "Blast ahead," as he encouraged researchers to push the envelope of discovery. In his honor, this year the award is renamed the Cozzarelli Prize. This year's awards will be presented at the PNAS Editorial Board Meeting on April 29, 2007, in Washington, D.C.

Papers receiving the Cozzarelli Prize were chosen from the 3,300 research articles published in PNAS in 2006 and represent the six broadly defined classes under which the National Academy of Sciences is organized.

2006 Cozzarelli Prize recipients:

Class I (Physical and Mathematical Sciences):

"Modular chemical mechanism predicts spatiotemporal dynamics of initiation in the complex network of hemostasis" by Christian J. Kastrop, Matthew K. Runyon, Feng Shen, and Rustem F. Ismagilov

<http://www.pnas.org/cgi/content/abstract/103/43/15747>

A commentary accompanying this article is available: <http://www.pnas.org/cgi/content/full/103/43/15727>

Class II (Biological Sciences):

"Macromolecular-scale resolution in biological fluorescence microscopy" by Gerald Donnert, Jan Keller, Rebecca Medda, M. Alexandra Andrei, Silvio O. Rizzoli, Reinhard Lührmann, Reinhard Jahn, Christian Eggeling, and Stefan W. Hell

<http://www.pnas.org/cgi/content/abstract/103/31/11440>

Class III (Engineering and Applied Sciences):

"The violation of the Stokes–Einstein relation in supercooled water" by Sow-Hsin Chen, Francesco Mallamace, Chung-Yuan Mou, Matteo Broccio, Carmelo Corsaro, Antonio Faraone, and Li Liu

<http://www.pnas.org/cgi/content/abstract/103/35/12974>

A commentary accompanying this article is available: <http://www.pnas.org/cgi/content/full/103/35/12955>

Class IV (Biomedical Sciences):

"A genetic variant that disrupts MET transcription is associated with autism" by Daniel B. Campbell, James S. Sutcliffe, Philip J. Ebert, Roberto Militerni, Carmela Bravaccio, Simona Trillo, Maurizio Elia, Cindy Schneider,

Raun Melmed, Roberto Sacco, Antonio M. Persico, and Pat Levitt
<http://www.pnas.org/cgi/content/abstract/103/45/16834>

Class V (Behavioral and Social Sciences):

"Insights on linking forests, trees, and people from the air, on the ground, and in the laboratory" by Elinor Ostrom and Harini Nagendra
<http://www.pnas.org/cgi/content/abstract/103/51/19224>

A PNAS Profile of Elinor Ostrom is available: <http://www.pnas.org/cgi/content/full/103/51/19221>

Class VI (Applied Biological, Agricultural, and Environmental Sciences):

"Integrated model shows that atmospheric brown clouds and greenhouse gases have reduced rice harvests in India" by Maximilian Auffhammer, V. Ramanathan, and Jeffrey R. Vincent
<http://www.pnas.org/cgi/content/abstract/103/52/19668>

A commentary accompanying this article is available: <http://www.pnas.org/cgi/content/full/103/52/19609>

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