

## **Dimitri N. Chorafas Research Awards: General Information**

Since 1996, the awards of the Chorafas Foundation are granted directly to prize winners selected by partner Universities in Europe, North America, the Middle East and Asia. These awards target the best doctorate students chosen by each partner University and confirmed by the Board of the Foundation.

Each award is of USD 4'000, unless the partner University chooses to split the prize between two students. Selection is made among a statistically valid sample of candidates. There have been 20 to 30 prizes per year, the exact number depending on the candidates retained for the prizes by the partner Universities. As of today, there are 26 partner Universities in 15 countries. In alphabetic order:

- City University London, United Kingdom
- Columbia University, USA
- Ecole Normale Supérieure, France
- Ecole Polytechnique Fédérale, Lausanne, Switzerland
- Erasmus University Rotterdam, Netherlands
- George Washington University, United States
- Hebrew University of Jerusalem, Israel
- Hiroshima university, Japan
- Karolinska Institute, Sweden
- London Business School, United Kingdom
- Massachusetts Institute of Technology, USA
- National Technical University, Athens, Greece
- Politecnico di Milano, Italy
- Purdue University, United States
- Swiss Federal Institute of Technology, Zurich, Switzerland
- Technical University of Berlin, Germany
- Technical University of Budapest, Hungary
- Technical University of Munich, Germany
- Technical University of Vienna, Austria
- Tokyo Institute of Technology, Japan
- University of California, Los Angeles, USA
- University of Fribourg, Switzerland
- University of Latvia, Latvia
- University of Ottawa, Canada
- University of Toronto, Canada
- Weizmann Institute of Science, Israel

In continuation of the fields of scientific work to which the Foundation devoted itself in 1992, in 1996 the annual prizes were divided into three groups of equal weight:

- Systems Engineering and Information Technology
- Finance, Risk Management and Rocket Science
- Environmental Protection and Birth Control

For the engineering prize, doctorate students have been typically selected from suitable candidates in computer science, with emphasis on the design of complex systems,

imaginative projects in new technology, database mining, sophisticated software for networks, and intelligent software (agents, expert systems).

The birth control prize has been extended to include all aspects of environmental protection. The prize on interactive computational finance covered the design of new financial instruments, internal control and novel solutions to risk management. Engineering and other studies focusing on costing and rigorous evaluation of investments have also been classified under finance.

From 1996 to 2005, the aforementioned fields of study and research have evolved to include re-search and development activities in many fields:

- More engineering Disciplines
- Research and Application in Physics
- Nanotechnology
- Biological Computing
- Bioengineering
- Information Systems for Medical Science
- Applied Mathematics, including artificial intelligence
- Interactive Computational Finance
- Biological and Environmental Protection