

# BODOSSAKI FOUNDATION



## ANNOUNCEMENT DISTINGUISHED YOUNG SCIENTISTS AWARDS 2019

In keeping with the Bodossaki Foundation's longstanding support of the creative work of young Greek scientists and to reward their commitment and effort to the advancement of science as well as contribute to the promotion of exemplar paradigms for society, the Bodossaki Foundation has established the "Distinguished Young Scientists Awards", to scholars of greek descent, under the age of 40.

For the year 2019, the Foundation has decided to award four prizes, of €20,000 each, in the following academic fields:

**Science :**

Chemistry

**Applied Science :**

Computing Systems, Information Technology, Computer Science, Networks and Communications, Generation and Energy Management Systems, Robotics, Electronic Systems.

**Social-Economic Sciences :**

Economic Science or Political Science or Law.

**Life Sciences :**

Biomedical Sciences.

The prizes will be awarded to persons of Greek nationality, parentage or descent. Only persons born **after** December 31,1978 are eligible to apply.

Candidates should be nominated by Universities, Institutions or scientists of the same or a senior level in the candidate's area of expertise or by the Head of a research institution. **The candidates' written consent is required.**

Nominations are submitted to the Foundation by e-mail with the following documents to : [prizes@bodossaki.gr](mailto:prizes@bodossaki.gr)

1. Letter of nomination indicating the candidate's scientific field, describing his/her activities and achievements in relation to the field of his/her candidacy and with reference to the nominee's publications. (There is no specific form).

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2. The candidate's written consent for his/her nomination.
3. A full curriculum vitae (please include father's name, date of birth, tax registration no., I.D. or passport number, home and work address, tel. no., e-mail address, etc).

The closing date for the submission of applications for the awards is November 30, 2018.

Candidates should request three (3) scientists of their area of expertise (Referees), who are in a position to evaluate their work, to forward letters of recommendation directly to the Foundation, no later than December 15, 2018.

The selection of the prizewinners will be based on exceptional achievements in their respective field.

The Foundation may require candidates to submit additional information in connection with their work.

A Selection Committee of specialists in each of the fields of the awards makes its recommendations to the Prize Committee. The prizewinners are selected by the Board of Trustees, on the basis of the recommendations of the Prize Committee.

Additional information may be obtained from the Bodossaki Foundation, tel. no. Greece: +30.210.722-3244, e-mail: [prizes@bodossaki.gr](mailto:prizes@bodossaki.gr).

Athens 30<sup>th</sup> May, 2018.

### **THE BOARD OF TRUSTEES OF THE BODOSSAKI FOUNDATION**

#### **Prize Committee Members :**

- |                   |  |
|-------------------|--|
| Ioannis Aifantis, | Herman M. Biggs Professor of Pathology, NYU School of Medicine,  |
| George Kollias,   | Member of the Academy of Athens, Professor of Experimental Physiology at the Medical School of the University of Athens, and President and Scientific Director at the Biomedical Sciences Research Center "Alexander Fleming", |
| A.S. Fokas,       | Professor at the Department of Applied Mathematics and Theoretical Physics, University of Cambridge,   |

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Costas Meghir,	Douglas A. Warner III Professor of Economics, Yale University,
Leonidas Resvanis,	Former Professor of Physics, University of Athens,
Michael Triantafyllou,	William I. Koch Professor of Marine Technology, MIT,
Theodora Varvarigou,	Professor at the School of Electrical and Computer Engineering, National Technical University of Athens,
Nikos Vettas,	Professor at the Department of Economics, Athens University of Economics and Business, and General Director, Foundation for Economic and Industrial Research

and one member of the Board of Trustees of the Foundation.

N.B. : The names of the members of the Selection Committees will be announced after the nomination of the prizewinners.

**Past Years' Award Recipients**

**Science :**

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|--|--|
| Professor George P. Efstathiou, F.R.S. | Department of Physics, Oxford University, in the field of Experimental / Theoretical Astrophysics, in 1993.  |
| Dr. Ignatios E. Antoniadis,            | Director of Research, Centre de Physique Theorique, Ecole Polytechnique, CN.R.S., Paris, in the field of Particle/Nuclear Physics, in 1994.  |
| Professor Panagiotis E. Souganidis,    | Department of Mathematics, University of Wisconsin-Madison, in the field of Applied Mathematics, in 1995.  |
| Professor Theodore N. Theodorou,       | Department of Chemical Engineering, University of Patras, in the field of Chemistry, in 1996.  |
| Professor Nikos S. Kapouleas,          | Department of Mathematics, Brown University, in the field of Pure Mathematics, in 1997.  |
| Professor Nancy J. Makri,              | Department of Chemistry, University of Illinois at Urbana-Champaign, in the field of Atomic, Molecular, Solid State and Optical Physics, in 1999.  |
| Dr. Theofanis N. Kitsopoulos,          | Associate Professor, Department of Chemistry, University of Crete, in the field of Chemistry, in 2003.   |
| Dimitrios S. Psaltis,                  | Assistant Professor, Department of Physics, University of Arizona, in the field of Particle/ Astrophysics, in 2005.  |
| Dr. Mihalis K. Dafermos,               | Reader, Department of Pure Mathematics and Mathematical Statistics, University of Cambridge, in the field of Mathematics, in 2008.   |
| Dr. Kyriakos I. Papadodimas,           | Assistant Professor at the University of Groningen (on leave) and Theory Group Scientist at CERN, Geneva, in the field of Science, Theory or Experiment: Nuclear Physics-Elementary Particle Physics-Astroparticle Physics, in 2017. |

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### **Applied Science :**

- Professor Yiannis E. Aloimonos, Head of Computer Vision Laboratory, University of Maryland, Associate Professor, University of Crete, in the field of Artificial Intelligence and Neural Networks Systems in 1993.
- Professor John N. Tsitsiklis, Department of Electrical Engineering and Computer Science, Massachusetts Institute of Technology, in the field of Sciences of Information Processing Systems & Methods in 1994.
- Professor John K. Pitas, Department of Computer Science, University of Thessaloniki, in the field of Sciences of Information, Communication & Systems in 1995.
- Professor Yannis G. Kevrekidis, Department of Chemical Engineering, University of Princeton, in the field of Systems, Man and Cybernetics in 1996.
- Professor Chris. A. Floudas, Department of Chemical Engineering, University of Princeton, in the field of Systems, Man and Cybernetics in 1996.
- Professor C. D. Polychronopoulos, Department of Electrical Engineering, University of Illinois at Urbana-Champaign, in the field of Theoretical and Applied Computer Science, in 1997.
- Dr. Leandros O. Tassioulas, Associate Professor, Electrical Engineering Department, University of Maryland, in the field of Theories, Technologies and Applications of Parallel and Distributed Computing Systems, in 1999.
- Dr. Konstantina S. Nikita, Associate Professor, Faculty of Electrical & Computer Engineering, National Technical University of Athens, in the field of Research and Applications of Informatics in Medicine, in 2003.
- Paschalis V. Alexandridis, Professor, Department of Chemical & Biological Engineering, University at Buffalo, The State University of New York, in the field of Micro and Nano Science and Technology, in 2005.

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- Professor Nikos K. Paragios, Department of Applied Mathematics, École Centrale de Paris, in the field of Theories, Methods and Techniques, of Biomedical Applications of Informatics and Telecommunications, in 2008.
- Domniki M. Asimaki, Professor of Mechanical and Civil Engineering at the California Institute of Technology, in the field of Applied Science (Solid and Fluid Mechanincs, Structural Mechanics, Materials, Geo-technical Systems), in 2017.
- Elisa E. Konofagou, Professor of Biomedical Engineering at Columbia University, in the field of Applied Science (Solid and Fluid Mechanincs, Structural Mechanics, Materials, Geo-technical Systems), in 2017.
- Social Sciences :**
- Professor John C. Geanakoplos, Department of Economics, Yale University, in the field of Economics, in 1993.
- Dr. Linos-Alexandros G. Sisilianos, Lecturer, School of Law, University of Athens, in the field of Law in 1995.
- Dr. Dimitrios N. Triantafyllou, Legal Service, European Commission, in the field of Law, in 1995.
- Professor Costas J. Meghir, Department of Economics, University College, London, in the field of Economics, in 1996.
- Professor Dimitris J. Bertsimas, Sloan School of Management, M.I.T., in the field of Operations Research, in 1997.
- Professor Takis T. Tridimas, Faculty of Law, University of Southampton, in the field of International Relations and/or European Integration, in 1999.
- Professor Pinelopi D. Koujianou-Goldberg, Department of Economics, Yale University, in the field of Economic Science, in 2003.
- Pavlos Z. Eleftheriadis, University Lecturer, University of Oxford, in the field of Law, in 2005.
- Professor George-Marios V.-G. Angeletos, Department of Economics, Massachusetts Institute of Technology, in the field of Economics, in 2008.
- Konstantinos M. Arkolakis, Associate Professor of Economics at Yale University in the field of Social-Economic Sciences (Economic Science or Political Science), in 2017.

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### **Medicine and Biology :**

- Dr. George A. Kollias, Head of Molecular Genetics Laboratory, Hellenic Pasteur Institute, in the field of Molecular Biomedicine in 1993.
- Professor Dr. Dr. Solon S. Thanos, Head of Research Laboratory, Department of Ophthalmology, University of Tuebingen, in the field of Clinical Research in 1994.
- Dr. Konstantinos N. Baxevanis, Department of Immunology - Histocompatibility, Greek Anticancer-Oncological Hospital “ O AGIOS SAVVAS”, in the field of Clinical Research in 1994.
- Dr. Lazaros K. Triarhou, Associate Professor Department of Pathology & Laboratory Medicine, University of Indiana, in the field of Neurosciences in 1995.
- Tony T. Kouzarides, Reader in Molecular Cancer Biology, University of Cambridge, in the field of Virology in 1996.
- George D. Yancopoulos, Adjunct Full Professor, Universities of Columbia and New York, in the field of Developmental Biology, in 1997.
- Harry C. Ischiropoulos, Assistant Professor of Pediatrics, Biochemistry and Biophysics, University of Pennsylvania, in the field of Cardiovascular Diseases, in 1997.
- Andy D. Baxevanis, Associate Director, Division of Intramural Research, National Human Genome Research Institute, National Institutes of Health, Bethesda, Maryland, in the field of Bio-informatics, in 1999.
- Dr. Vasso K. Apostolopoulos, Associate Professor, University of Victoria, in the field of Molecular Bio-Medicine, in 2003.
- Dr. George K. Mossialos, Associate Investigator, Immunology Institute, “ALEXANDER FLEMING” Research Centre, in the field of Molecular Bio-Medicine, in 2003.
- Nektarios N. Tavernarakis, Principal Investigator, Institute of Molecular Biology & Biotechnology of Crete, in the field of Neurosciences, in 2005.

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George A. Kontopidis,

Assistant Professor, Veterinary Department, University of Thessaly, in the field of Targeted Drug Development, in 2008.

Dr. Eleni T. Tzavara,

Senior Research Scientist at INSERM, Paris, in the field of Targeted Drug Development, in 2008.

Emmanouil T. Dermizakis,

Professor at the Department of Genetic Medicine and Development at the University of Geneva Medical School, in the field of Biosciences (Medicine of Biology), in 2017.