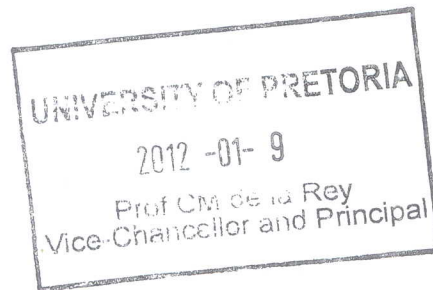




To/ Prof Burton

Fondazione Internazionale Balzan - "Premio"

prot. n° 10418



December 2011

Sir / Madam,

In regard to the attached letter from the Chairman of the Balzan Foundation's General Prize Committee, Professor Salvatore Veca, we should be grateful if you would kindly forward supporting statements for each candidate you deem worthy of an award. In order to be valid, the nominations must be supported by the following documents:

- a statement of reasons for the nomination, including the mention of particularly important publications;
- a bibliography (including the above-mentioned publications, citing publisher and publication year, and adding translations of original titles should there be works translated into other languages) for candidates in the **humanities**;
- a detailed list of 10 to 20 of their most important publications (with full bibliographical citation) for candidates in the **sciences**;
- a curriculum vitae specifying present position, main academic activities, date and place of birth, nationality, residence and address;
- a recent photograph with indication of copyright if applicable.

It is to be noted that more than one candidate may be nominated for each prize subject. Furthermore they do not necessarily have to be part of the institution of the individual making the nomination, nor of the same nationality.

Personal applications will not be considered.

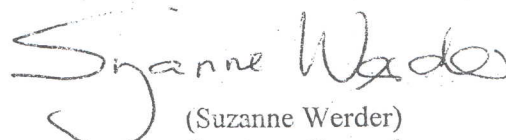
Nominations must reach the General Prize Committee by **March 15, 2012**.

All of the above documentation should be addressed to the

Chairman of the General Prize Committee
Professor Salvatore Veca
Attention: Secretariat of the
International Balzan Foundation - "Prize"
P.tta U. Giordano, 4
I-20122 Milano, Italia

Yours faithfully,

International Balzan Foundation - "Prize"


(Suzanne Werder)
Secretary General



Fondazione Internazionale Balzan - "Premio"

As Chairman of the General Prize Committee of the International Balzan Foundation "Prize" and on behalf of my Colleagues on the Committee, I have the honour of inviting you to submit the names of candidates you deem to be the most deserving of an award of one of the

Balzan Prizes 2012

which will be awarded in the following subjects:

Jurisprudence

Musicology

Solid Earth Sciences, with emphasis on interdisciplinary research

Epigenetics

Each of the four Balzan Prizes is worth 750,000 Swiss francs.

Half the Prize sum will be awarded to the Prizewinner in recognition of his/her work, while the other half will later be earmarked by the Prizewinner for research projects which should preferably involve young researchers or research groups. The research proposal will be subject to the approval of the General Prize Committee.

Careful consideration will be given to all nominations.

The nominations will be treated confidentially.

December 2011

Salvatore Veca

*Chairman; Professor of Political Philosophy and Vice-Director
of the Institute for Advanced Study (IUSS), Pavia*

ENRIC BANDA

Research Professor of Geophysics at the Institute of Earth Sciences in Barcelona, Spanish Council for Scientific Research (CSIC); former Secretary General of the European Science Foundation in Strasbourg; President of Euroscience, Strasbourg

GIOVANNI BUSINO

Professor Emeritus at the University of Lausanne; Foreign Fellow of the Accademia Nazionale dei Lincei, Rome

ÉTIENNE GHYS

Research Director at the Centre National de la Recherche Scientifique, Pure and Applied Mathematics Unit, École Normale Supérieure de Lyon; Member of the Académie des Sciences, Paris

H. CHARLES J. GODFRAY

Hope Professor of Zoology at the University of Oxford and Fellow of Jesus College; Fellow of the Royal Society

BENGT GUSTAFSSON

Professor of Theoretical Astrophysics at the University of Uppsala; Member of the Royal Swedish Academy of Science, the Royal Danish Academy of Sciences and Letters, the Norwegian Academy of Sciences and Letters; formerly Counsellor of the Government of Sweden and Member of the Swedish Science Research Council

JULES A. HOFFMANN

Distinguished Class Research Director at the Centre National de la Recherche Scientifique (Emeritus),

Institute of Molecular and Cellular Biology in Strasbourg; Professor at the University of Strasbourg; former President of the French National Academy of Sciences, Paris; 2011 Nobel Prize for Physiology or Medicine

LUCIANO MAIANI

Professor of Theoretical Physics at the University La Sapienza, Rome; Fellow of the Accademia Nazionale dei Lincei, Rome, and of the Accademia Nazionale delle Scienze detta dei XL, Rome

PAOLO MATTHIAE

Professor of Archaeology and History of Art of the Ancient Near East at the University La Sapienza, Rome; Fellow of the Accademia Nazionale dei Lincei, Rome

ERWIN NEHER

Professor Emeritus, Max Planck Institute for Biophysical Chemistry in Göttingen; Member of the Academia Europaea; Foreign Associate Member of the US National Academy of Sciences and of the Royal Society, London; 1991 Nobel Prize for Physiology or Medicine

ANTONIO PADOA SCHIOPPA

Professor Emeritus of Legal History at the University of Milan; former President of the Istituto Lombardo, Academy of Sciences and the Humanities in Milan

DOMINIQUE SCHNAPPER

Research Director at the École des Hautes Études en Sciences Sociales (EHESS), Paris; Honorary Member of the French Conseil Constitutionnel

GOTTFRIED SCHOLZ

Professor Emeritus of Music Analysis at the University of Music and Performing Arts, Vienna; Fellow of the Sudetendeutsche Akademie der Wissenschaften und Künste, Munich

QUENTIN SKINNER

Barber Beaumont Professor of the Humanities, Queen Mary, University of London; Fellow of the British Academy and of Christ's College Cambridge; Foreign Fellow of the Accademia Nazionale dei Lincei, Rome

KARLHEINZ STIERLE

Professor Emeritus of Romance Literature at the University of Constance; Member of the Heidelberger Akademie der Wissenschaften; Corresponding Fellow of the Académie des Sciences morales et politiques, Paris; Foreign Fellow of the Accademia Nazionale dei Lincei, Rome

VICTOR STOICHITA

Chair of Modern and Contemporary Art History at the University of Fribourg, Switzerland; Visiting Professor at the Istituto di studi italiani, University of Lugano

PETER SUTER

Vice-President of the Swiss Academy of Medical Sciences; Honorary Professor of Medicine at the University of Geneva

MARC VAN MONTAGU

Professor Emeritus of Molecular Genetics at Ghent University; Chairman of the Institute of Plant Biotechnology for Developing Countries (IPBO), Ghent



International Balzan Foundation

The Balzan Prize

The International Balzan Foundation was established in Lugano in 1956 thanks to the generosity of Lina Balzan, who had come into a considerable inheritance on the death of her father, Eugenio. She decided to use this wealth to honour his memory.

Eugenio Francesco Balzan was born in Badia Polesine, near Rovigo (Northern Italy), on 20 April 1874 into a family of landowners. He spent almost his entire working life at Milan's leading daily newspaper, *Corriere della Sera*. After joining the paper in 1897, he worked his way up from editorial assistant to news editor and special correspondent. In 1903 editor Luigi Albertini made him managing director of the paper's publishing house; he then became a partner and shareholder in the company. He was not only a skilful manager but also a leading personality in Milan. In 1933 he left Italy due to opposition from certain quarters hostile to an independent *Corriere*. He then moved to Switzerland, living in Zurich and Lugano, where for years he had invested his fortune with success. He also continued his charitable activities in favour of institutions and individuals.

He officially returned to Italy in 1950. Eugenio Balzan died in Lugano, Switzerland, on 15 July 1953.

Today, the Balzan Foundation, international in character and scope, acts jointly through two Foundations: one under Italian jurisdiction and the other under Swiss jurisdiction.

In Milan, the *International E. Balzan Prize Foundation* – “*Prize*” aims to promote, throughout the world, culture, science, and the most meritorious initiatives in the cause of humanity, peace and brotherhood among peoples, regardless of nationality, race or creed. This aim is attained through the annual award of prizes in two general fields: literature, the moral sciences and the arts; medicine and the physical, mathematical and natural sciences.

Nominations for the prizes in the scientific and humanistic fields are received at the Foundation's request from the world's leading learned societies. Candidates are selected by the *General Prize Committee*, composed of eminent European scholars and scientists. Prizewinners must allocate half of the Prize to research work, preferably involving young researchers.

In 2012, awards will be made in the following subjects:

- Jurisprudence;
- Musicology;
- Solid Earth Sciences, with emphasis on interdisciplinary research;
- Epigenetics.

At intervals of not less than three years, the Balzan Foundation also awards a prize for humanity, peace and brotherhood among peoples.

In Zurich, the *International E. Balzan Prize Foundation* – “*Fund*” collects, protects and administers Eugenio Balzan's estate so as to place at the disposal of the International E. Balzan Prize Foundation – “*Prize*” the necessary financial means to realize its objectives.

**Balzan Prizewinners for Literature,
Moral Sciences, and the Arts;
for Physical, Mathematical
and Natural Sciences, and Medicine**

2011	Bronislaw Baczko (Switzerland/Poland) Enlightenment Studies	Thomas Nagel (Usa/Serbia) Moral Philosophy	Michael Marmot (Uk) Epidemiology	1999	Luigi Luca Cavalli-Sforza (Usa/Italy) The Science of Human Origins
	Peter Robert Lamont Brown (Usa/Ireland) Ancient History (The Graeco-Roman World)	Rosalyn Higgins (Uk) International Law since 1945	Colin Renfrew (Uk) Prehistoric Archaeology		John Elliott (Uk) History, 1500-1800
2008	Wallace S. Broecker (Usa) The Science of Climate Change	Pierre Deligne (Usa/Belgium) Mathematics	Ilkka Hanski (Finland) Ecological Sciences	1996	Arno Borst (Germany) History: Medieval Cultures
	Maurizio Calvesi (Italy) The Visual Arts since 1700	Nikki Ragozin Keddle (Usa) The Islamic World from the End of the 19 th to the End of the 20 th Century	Michel Mayor (Switzerland) Instrumentation and Techniques in Astronomy and Astrophysics		Arnt Eliassen (Norway) Meteorology
2009	Terence Cave (Uk) Literature since 1500	The Social and Cultural History of Cities since the Beginning of the 16 th Century	Claude Lorius (France) Climatology	1997	Charles Coulston Gillispie (Usa) History and Philosophy of Science
	Michael Grätzel (Switzerland/Germany) The Science of New Materials	Lothar Ledderose (Germany) The History of the Art of Asia	James Sloss Ackerman (Usa) History of Architecture (including town planning and landscape design)		Thomas Wilson Meade (Uk) Epidemiology
2010	Brenda Milner (Canada/Uk) Cognitive Neurosciences	Peter and Rosemary Grant (Usa/Uk) Population Biology	Jean-Pierre Changeux (France) Cognitive Neurosciences		Stanley Jeyaraja Tambiah (Usa/Sri Lanka) Social Sciences: Social Anthropology
	Paolo Rossi Monti (Italy) History of Science	Russell Hemley (Usa) and Ho-kwang Mao (Usa/China) Mineral Physics	Marc Fumaroli (France) Literary History and Criticism (post 1500)	1998	Harmon Craig (Usa) Geochemistry
2007	Joseph Ivor Silk (Usa/Uk) The Early Universe (From the Planck Time to the First Galaxies)	Quentin Skinner (Uk) Political Thought; History and Theory	Walter Jakob Gehring (Switzerland) Developmental Biology		Robert McCredie May (Uk/Australia) Biodiversity
	Manfred Brauneck (Germany) The History of Theatre in All Its Aspects	Paolo de Bernardis (Italy) and Andrew Lange (Usa) Observational Astronomy and Astrophysics	Anthony Thomas Grafton (Usa) History of the Humanities	2003	Mikhael Gromov (France/Russia) Mathematics
2006	Russell Scott Lande (Uk/Usa) Theoretical Biology or Bioinformatics	Ludwig Finscher (Germany) History of Western Music since 1600	Dominique Schnapper (France) Sociology		Paul Ricœur (France) Philosophy
	Carlo Ginzburg (Italy) European History (1400-1700)	Christopher Somerville (Usa/Canada) Plant Molecular Genetics	James Sloss Ackerman (Usa) History of Architecture (including town planning and landscape design)	2002	Andrzej Walicki (Usa/Poland) The Cultural and Social History of the Slavonic World from the Reign of Catherine the Great to the Russian Revolutions of 1917
2005	Shinya Yamanaka (Japan) Stem Cells: Biology and Potential Applications	Peter Hall (Uk) The Social and Cultural History of Cities since the Beginning of the 16 th Century	Jean-Pierre Changeux (France) Cognitive Neurosciences		Andrzej Walicki (Usa/Poland) The Cultural and Social History of the Slavonic World from the Reign of Catherine the Great to the Russian Revolutions of 1917
	Terence Cave (Uk) Literature since 1500	Lothar Ledderose (Germany) The History of the Art of Asia	Marc Fumaroli (France) Literary History and Criticism (post 1500)	2001	Charles Coulston Gillispie (Usa) History and Philosophy of Science
2004	Wallace S. Broecker (Usa) The Science of Climate Change	Pierre Deligne (Usa/Belgium) Mathematics	Ilkka Hanski (Finland) Ecological Sciences		Thomas Wilson Meade (Uk) Epidemiology
	Maurizio Calvesi (Italy) The Visual Arts since 1700	Nikki Ragozin Keddle (Usa) The Islamic World from the End of the 19 th to the End of the 20 th Century	Michel Mayor (Switzerland) Instrumentation and Techniques in Astronomy and Astrophysics	1995	Stanley Jeyaraja Tambiah (Usa/Sri Lanka) Social Sciences: Social Anthropology
2003	Ian H. Frazer (Australia/Uk) Preventive Medicine, including Vaccination	The End of the 19 th to the End of the 20 th Century	Michael Stolleis (Germany) Legal History since 1500		Arno Borst (Germany) History: Medieval Cultures
			Martin Litchfield West (Uk) Classical Antiquity	1996	Arnt Eliassen (Norway) Meteorology
2002					Stanley Hoffmann (France/Usa/Austria) Political Science: Contemporary International Relations
					Yves Bonnefoy (France) Art History and Art Criticism (as applied to European Art from the Middle Ages to our times)
2001					Carlo M. Cipolla (Italy) Economic History

1994	Alan J. Heeger (USA) The Science of New Non-Biological Materials Norberto Bobbio (Italy) Law and Political Science (governments and democracy) René Couteaux (France) Biology (cell-structure with special reference to the nervous system) Fred Hoyle (UK) and Martin Schwarzschild (USA/Germany) Astrophysics (evolution of stars)	James Freeman Gilbert (USA) Geophysics (solid earth) Pierre Lalive d'Épinay (Switzerland) Private International Law Emmanuel Lévinas (France/Lithuania) Philosophy Leo Pardi (Italy) Ethology Martin John Rees (UK) High Energy Astrophysics	1984	Jan Hendrik Oort (Netherlands) Astrophysics Jean Starobinski (Switzerland) History and Criticism of Literature Sewall Wright (USA) Genetics Francesco Gabrieli (Italy) Oriental Studies Ernst Mayr (USA/Germany) Zoology Edward Shils (USA) Sociology	Ernest Labrousse (France) and Giuseppe Tucci (Italy) History 1962 Paul Hindemith (Germany) Music Andrei Kolmogorov (Russia) Mathematics Samuel Eliot Morison (USA) History Karl von Frisch (Austria) Biology
1993	Wolfgang H. Berger (USA/Germany) Paleontology with Special Reference to Oceanography Lothar Gall (Germany) History: Societies of the 19th and 20th Centuries Jean Leclant (France) Art and Archaeology of the Ancient World Armand Borel (USA/Switzerland) Mathematics Giovanni Macchia (Italy) History and Criticism of Literature Ebrahim M. Samba (Gambia) Preventive Medicine	Shmuel Noah Eisenstadt (Israel/Poland) Sociology René Etiemble (France) Comparative Literature Michael Evenari (Israel/France) and Otto Ludwig Lange (Germany) Applied Botany (including ecological aspects) Jerome Seymour Bruner (USA) Human Psychology Richard W. Southern (UK) Medieval History Phillip V. Tobias (South Africa) Physical Anthropology	1982	Jean-Baptiste Duroselle (France) Social Sciences Massimo Pallottino (Italy) Studies of Antiquity Kenneth Vivian Thimann (USA/UK) Pure and Applied Botany Josef Pieper (Germany) Philosophy Paul Reuter (France) International Public Law Dan Peter McKenzie, Drummond Hoyle Matthews and Frederick John Vine (UK) Geology and Geophysics	Balzan Prizewinners for Humanity, Peace and Brotherhood Among Peoples 2007 Karlheinz Böhm (Austria/Germany) 2004 Community of Sant'Egidio 2000 Abdul Sattar Edhi (Pakistan/India) 1996 International Committee of the Red Cross
1991	György Ligeti (Austria/Hungary/Romania) Music Vitorino Magalhães Godinho (Portugal) History: The Emergence of Europe in the 15th and 16th Centuries John Maynard Smith (UK) Genetics and Evolution Walter Burkert (Germany) The Study of the Ancient World (Mediterranean area)	Otto Neugebauer (USA/Austria) History of Science Roger Revelle (USA) Oceanography/Climatology Jean Rivero (France) Basic Human Rights Ernst H.J. Gombrich (UK/Austria) History of Western Art Jean-Pierre Serre (France) Mathematics	1980	Enrico Bombieri (USA/Italy) Mathematics Jorge Luis Borges (Argentina) Philology, Linguistics and Literary Criticism Hassan Fathy (Egypt) Architecture and Urban Planning Torbjörn Caspersson (Sweden) Biology Jean Piaget (Switzerland) Social and Political Science	1991 Abbé Pierre (France) 1986 United Nations Refugee Agency 1978 Mother Teresa of Calcutta (India/Macedonia) 1962 H.H. John XXIII (Vatican City/Italy) 1961 Nobel Foundation

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International E. Balzan Prize Foundation - "Fund"

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tel. +41 44 2014822 - balzan@balzan.ch

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(Switzerland)

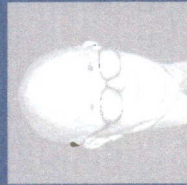
Maria Casutt Dietrich
(Switzerland)

Carlo Fontana (Italy)
Claudio Generali (Switzerland)
Arina Kowner (Switzerland)

2011 Prizewinners



Bronislaw Baczko
Switzerland/Poland
Enlightenment Studies



Peter Robert Lamont Brown
Usa/Ireland
Ancient History
(The Graeco-Roman World)



Russell Scott Lande
Uk/Usa
Theoretical Biology
or Bioinformatics



Joseph Ivor Silk
Usa/Uk
The Early Universe
(From the Planck Time
to the First Galaxies)



International E. Balzan
Prize Foundation - "Prize"

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