

## Per Pinstруп-Andersen

**Nationality:** Denmark

**Age:** 64

**Gender:** Male

**Education:**

*B.S. Agricultural Economics* - Royal Veterinary and Agricultural University, Copenhagen, Denmark, 1965

*M.S. Agricultural Economics* - Oklahoma State University, U.S.A., 1967

*Ph.D. Agricultural Economics* - Oklahoma State University, U.S.A. 1969.

**Area of Specialization:** Agricultural Economics

**Professional Experience:**

*H.E. Babcock Professor of Food, Nutrition and Public Policy*, Division of Nutritional Sciences, Cornell University. Jan. 2003 – present (9 months annually)

*Professor of Development Economics*, The Royal Veterinary and Agricultural University, Copenhagen, Denmark. Jan.1, 2003 – present (2 months annually)

*Director General and CEO*, IFPRI, Washington D.C. 1992 – 2002

*Professor of Food Economics*, Div. of Nutritional Sciences and *Director* of the Cornell Food and Nutrition Policy Program (CFNPP), Cornell Univ.1987 - 1992

*Research Fellow* 1980 - 1987 and *Director of the Food Consumption and Nutrition Policy Research Program* (from Sept., 1980), IFPRI, Washington, D.C.

*Senior Research Fellow and Associate Professor*, Economic Institute, The Royal Veterinary and Agricultural University, Copenhagen. 1977 - 1980

*Agricultural Economist*, Centro Internacional de Agricultura Tropical (CIAT), Cali, Colombia. May 1969 - January 1976

**Membership in Committees/Boards/Professional Organizations** (most recent):

*Member*, External Panel to Human Development Report 2003, 2002.

*Member*, International Policy Council on Agriculture, Food, and Trade, 2002–present.

*Member*, of the Governing Board of the CAB International, 2002

*Member*, National Research Council's Committee on Agricultural Biotechnology, Health, and the Environment, 2000-2003

*Member*, Unilever Sustainable Agriculture Advisory Board, 2000-2002

*Member*, World Health Policy Forum and its General Council, 2000-2002

*Member*, Board of Directors of the American Agricultural Economics Association (elected), 1996-1999

*Chairman*, Center Directors Committee, CGIAR, 1999-2000

*Member*, Technical Advisory Committee, CGIAR) 1991-1992

**Awards/Honors Received:** (*Most recent*)

*Rosenkjaer Prize* for Policy Communication, November 2002.

*American Agricultural Economist Association (AAEA) Distinguished Policy Contribution Award*, July 2002.

*2001 World Food Prize* for his contribution to the improvement of agricultural research, food policy, and the lives of the poor.

*Fellow of the American Association for the Advancement of Science (AAAS)* since October 1997.

*Fellow of the American Agricultural Economics Association (AAEA)* since Aug. 2000.

*Agronomprisen 2000*, Danish Society of Agricultural Professionals, March 2000.  
*1998 Charles A. Black Award* for outstanding record of research and communication, Council for Agric. Science and Technology (CAST), 1998.

**Honorary Degrees:** Doctor of Technical Sciences (honoris causa): Swiss Federal Institute of Technology (Zurich, Switzerland), November 1996; Doctor of Science (honoris causa). Tamil Nadu Veterinary and Animal Sciences University (Tamil Nadu, India), April 1999; Doctor of Laws (honoris causa). University of Aberdeen (Aberdeen, United Kingdom), July 1999; Professor (honoris causa). Tashkent State Agrarian University (Tashkent, Uzbekistan), August 1999; Doctor of Agricultural and Environmental Sciences (honoris causa). Wageningen Agricultural University (the Netherlands), March 2000

**Contact Address:**

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## Michael Gale

**Nationality:** United Kingdom

**Age:** 60

**Gender:** Male

**Education:**

**B.Sc. (Hons.) in Genetics** - Birmingham University, UK, 1965.

**Ph.D. in Cytogenetics** - University College of Wales, Aberystwyth, UK, 1969

**Areas of Specialization:** General and Comparative Molecular Genetics

**Professional Experience:**

**Associate Research Director**, John Innes Centre, Norwich, 1994- present,

(**Director**, 1999)

**John Innes Professor**, University of East Anglia, 1999-present.

**Head**, Cambridge Laboratory at Norwich, 1992-1994

**Head**, Cereals Research Department, Cambridge Laboratory at Cambridge and Norwich. 1988-1992

**Director and consultant**, Plant Bioscience Ltd., UK, 1998-present

**Research Scientist**, Plant Breeding Institute, Cambridge, 1968-1988

**Membership in Committees/Boards/Professional Organizations** (most recent):

**Served the CGIAR as: Chair**, 5th External Programme Management Review Panel, IPGRI, Rome, 2002-2003; **Consultant** to iSC on Genomics and Abiotic Stress Research in the CGIAR, 2002; **Consultant**, 5th EPMR, IITA, Ibadan, Nigeria, 2001; **Member**, Advisory Committee to the Central Advisory Services on Intellectual Property for the CGIAR, ISNAR; **Member** (1999-present) Chair (2000-2001); **Member**, Board of Trustees, IRRI, Los Banos, Philippines, 2000-present; **Chair**, TAC Commissioned Review on Plant Breeding Methodologies, IRRI Sub-Panel, 2000; Member, EPMR Panel for IRRI, Philippines, 1997-98. **Member**, CNRS Review Panel, CIRAD-BIOTROP Laboratory, Montpellier (2003)

**Member**, First International Rice Roundtable, Beijing, 2002

**Member**, Scientific Advisory Committee for Rockefeller Foundation's Program on Biotechnology, Breeding, and Seed Systems for African Crops, 2002- present

**Advisor**, International Rice Functional Genomics Working Group, 2000- present  
**Scientific Advisory Committee**, Avestha Gengraine Technologies PVT. Ltd, Bangalore, India, 2002-present

**Member**, Nuffield Council on Bioethics Working Party on the Genetic Modification of Plants, U.K., 1997- 1999

**Member**, Royal Commission on Environmental Pollution GMO Working Group, U.K., 1998-2000

**Member**, Health and Safety Executive Advisory Committee on Genetic Manipulation, U.K., 1996-2000

**Member**, USDA Review Panel for Rice Sequencing, 1999

**Member**, Max-Planck Institut fur Chemische Okologie, Jena, Germany, Fachbeirat (Advisory Board), 1997-present

**Founder member and Co-ordinator**, International Grass Genome Initiative, 1994-present

**Awards/Honors Received** (*Most recent*):

*Foreign Fellow of the Chinese Academy of Engineering* (elected 1998)

*Royal Society Darwin Medal*, 1998

*Rank Prize for Nutrition*, 1997

*Fellow of the Royal Society* (elected 1996)

*Royal Agricultural Society of England Research Medal* (1994)

*Honorary Research Professor*, Institute of Crop Germplasm Resources,  
Academia Sinica, Beijing, China (elected 1992)

*Co-holder of 3patents*

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## Ken Fischer

**Nationality:** Australia

**Age:** 59

**Gender:** Male

**Education:**

*B.Agric. Sci* – University of Queensland, Brisbane, Australia, 1964

*M.Agric. Sci.*- University of Queensland, Brisbane, Australia, 1968

*Ph.D. in Crop Physiology* – University of Queensland, Brisbane Australia, 1971

**Areas of Specialization:** Crop Physiology/Agronomy, Research Management ,  
Cross-disciplinary research, Intellectual property management

**Professional Experience:**

*Adjunct Professor*, School of Land and Food Science, University of Queensland,  
2001- present.

*Deputy Director General for Research*, World Fish Center (ICLARM), 2002

*Deputy Director General for Research*, IRRI, 1991-1999

*Deputy Director General for Research*, IITA, 1987-1991

*Senior Lecturer*, Department of Agriculture, University of Queensland, 1983-  
1987

*International Scientist*, CIMMYT, 1973-1983

*Post-Doctoral Fellow*, Department of Agronomy, Univ.of Minnesota, 1972-1973

*Research Officer*, Bureau of Sugar Exp. Sta., Queensland, Australia, 1965-1966

**Membership in Committees/Boards/Professional Organizations::**

*Member*, Crawford Fund of Queensland, 2000 – present

*Board Member*, 4th. International Crop Science Congress and 5th Asian  
Agronomy Crop Science Society, 2000 – present

*Member*, Steering Committee, Global Resource Information Database  
(CGIAR/UNEP/GRID-Arendal)

*Member*, Australian Institute of Management

*Member*, Australian Institute of Agricultural Research

*Member*, American Society of Agronomy

*Member*, Advisory Group, Pacific Basin Study Center on Global Sustainability.  
San Francisco State University and University of California, Davis, 1995-1999

*Member*, Steering Committee, Rice-Wheat Consortium for the Indo Gangetic  
Plains, 1992-1994.

*Member*, Steering Committee, Asian Rice Biotechnology Network, 1993- 1999

**Contact Address:**

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School of Land and Food Science  
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## Virender Lal Chopra

**Nationality:** India

**Age:** 67

**Gender:** Male

**Education:**

*B.Sc. (Hons.) Agricultural Science* - Central College of Agriculture New Delhi, Delhi University 1955

*Associateship in Genetics* - Indian Agricultural Research Institute, New Delhi, 1957

*Ph.D in Genetics* – Institute of Genetics, University of Edinburgh, Edinburgh, U.K. 1967

**Areas of Specialization:** Research Management, Tropical Agriculture (all aspects); Plant Breeding; Plant Biotechnology

**Professional Experience:**

*B.P. Pal National Professor* (Plant Biotechnology) 1994-2001

*Secretary to Govt. of India (DARE) and Director General*, Indian Council for Agricultural Research (ICAR). 1992-1994.

*Professor of Eminence & Director*, National Research Centre on Plant Biotechnology. 1985-1990.

*Professor of Genetics*, IARI, New Delhi. 1980-1985.

*Head, Division of Genetics*, IARI. 1979-1980.

**Membership in Committees/Boards/Professional Organizations:**

*Served CGIAR* in various capacities including: *Member*, Oversight Committee; *Member*, Board of Trustees of IBPGR for two terms; *Member*, Board of Trustees of IRRI for two terms; *Member*, Board of Trustees of CIMMYT for two terms; part of one term as Vice-Chair; *Member*, Board of Trustees of ICRISAT for two terms; part of one term as Vice-Chair; *Member* CGIAR System wide Genetic Resources Review Panel; *Member* on CCER Panel of Wheat Genetic resources of CIMMYT; *Member* of CCER Panel on Programme and Management of WARDA; *Regional Representative* (Asia) to the CGIAR.

*Member*, Board of Trustees, MS Swaminathan Research Foundation, 1990

*Member*, Board of Trustees, Centre for Advancement of Sustainable Agriculture

**Awards/Honors Received:**

*Aryabhata Medal of the Indian National Science Academy*, 2002

*President, National Academy of Agricultural Sciences (India)*, 2001

*Dr. B. Pal of National Academy of Agricultural Sciences (India)*, 2001

*FAO/IAAA World Food Day Award*, 1993

*Borlaug Award*, 1983

*Fellow:* Third World Academy of Sciences; European Academy of Sciences (Arts and Humanities); Indian National Science Academy (New Delhi); Indian Academy of Sciences (Bangalore); National Academy of Agricultural Sciences (New Delhi).

*Honorary Degrees:* Doctor of Science (hon. causa) C S Azad University, Kampur, 1988; Doctor of Science (hon. causa) Banaras Hindu University, Varanasi, 1988.

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## Keiji Kainuma

**Nationality:** Japan

**Age:** 67

**Gender:** Male

**Education:**

*B.S. Agriculture (Biochemistry)* – Tohoku University, Japan

*Doctor of Agriculture (Biochemistry)* - Tohoku University, Japan

**Area of Specialization:** Biochemistry

**Professional Experience:**

*Executive Research Advisor*, National Food Research Institute Jan. 2003- present

*Senior Advisor*, Ministry of Agriculture, Forestry and Fisheries Feb 2000- present

*Vice President*, Bio-oriented Technology Research Advancement Institution, 1996- 2002

*Director General*, Japan International Research Center for Agricultural Sciences, MAFF, 1993-1996

*Director General*, Tropical Agricultural Research Center, MAFF, Jul.- Oct. 1993

*Director General*, Research Council Secretariat, MAFF

*Deputy Director General*, Research Council Secretariat, MAFF, 1990-1991

*Director of Biotechnology Division*, Research Council Secretariat, MAFF, 1988-1990

*Director*, Food Engineering Division, National Food Research Institute, 1983-1987

*Lecturer*, Tokyo University and Tsukuba University, 1976-1982

*Visiting Associate Professor*, Department of Biochemistry and Biophysics, Iowa State University, U.S.A. 1977-78

*Head*, Carbohydrate Laboratory, National Food Research Institute, 1973-1983

*Research Chemist*, National Food Research Institute, 1959-1973

**Membership in Committees/Boards/Professional Organizations:**

*President Elect*, The Institute of Food Technologists, Japan Section ,2003-2004

*Vice Chairman*, Task Force for the Safety of Novel Foods and Feeds, OECD 2003-

*Advisory Board*, Obihiro University of Agriculture and Veterinary Medicine 2002- present.

*Chairman*, Agricultural Technical Cooperation Working Group, Asia Pacific Economic Cooperation (APEC), 2000-2002.

*Member*, Committee on Policy Matters, The Japanese Prime Minister's Council for Science and Technology, 1998-2000.

**Awards/Honors Received:**

*Alsberg-Schoch Memorial Lectureship Award* for scientific contribution to the fine structure of starch molecule and establishment of the new oligosaccharides and sugar alcohol industry, 1995

*Nikuni Award* , 1992

*The Second Dexter French Memorial Lectureship Award*, 1984

*Minister of the Science and Technology Agency Award*, 1982

*Japan Bioscience, Biotechnology and Agrochemistry Society Award*, 1975

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## Onesmo ole-MoiYoi

**Nationality:** Kenya

**Age:** 60

**Gender:** Male

**Education:**

**B.A. (Hons.) Chemistry** - Harvard University, Cambridge, MA, U.S.A., 1968

**M.D.** – Harvard University, Cambridge, MA, U.S.A., 1972

**Intern/JAR; Certified National Board of Medical Examiners** – Peter Bent Brigham Hospital, Boston, MA, U.S.A. 1972-74

**Areas of Specialization:** Medicine; Biochemistry and Molecular Biology

**Professional Experience:**

**Director, Research and Partnerships**, International Centre of Insect Physiology and Ecology, 2001 – present

**Principal Scientist & Founder**, Institute of Molecular and Cell Biology -Africa (IMCB-A). Research on: Genes for Resistance to Parasitic Diseases; as well as on Bringing Science into Traditional Medicine in Africa. 1999-2001.

**Senior Scientist (1985), and Co-ordinator (1982-91)**, Biochemistry/Molecular Biology Laboratory, ILRAD, Nairobi, Kenya. Research on the biochemistry and molecular biology of African trypanosomes and *Theileria parva*. 1982-1994

**Visiting Professor**, Molecular Parasitology, Harvard School of Public Health. Studying multidrug resistance genes and kinases of protozoan parasites. Jun-Aug 1988

**Assistant Professor of Medicine and Capps' Scholar**, Harvard University, Cambridge, Massachusetts. 1979-1982

**Instructor-In-Medicine**, Harvard University. 1977-1979

**Post-Doctoral in Molecular Immunology and Clinical Fellow in Medicine**, Harvard University and R.B. Brigham Hospital, Boston, respectively. 1974-1977.

**Membership in Committees/Boards/Professional Organizations:**

**Member**, Panel on Biotechnology, World Commission on Water for the 21<sup>st</sup> Century, 1999

**Member**, Panel on Issues in General Biotechnology. CGIAR 1997 - 1998.

**Chairman**, Kenyatta University Council, 1997-present

**Member**, Executive Committee for UNESCO's International Network for Molecular and Cell Biology (IMCBN), 1990-present.

**Member**, Scientific Co-ordinating Committee (SCC) for UNESCO's involvement in the global activities of the Human Genome Organization (HUGO), 1990-1996

**Member**, American Society for Biochemistry & Molecular Biology, 1998

**Member**, Informatics Committee, Human Genome Organization (HUGO), 1994

**Member**, HUGO: Human Genome Diversity Project (Member, Steering Committee), 1994

**Member**, African Biotechnology Networks (Member, Steering Committee), 1992

**Member**, The New York Academy of Sciences, 1980.

**Member**, American Association for the Advancement of Science, 1978-1985.

**Awards/Honors Received:**

**World Technology Awards** (Nominee for Science & Technology Policy), 2001

*Elder of the Order of the Burning Spear (EBS)*-Honour bestowed by the Government of Kenya for contributions to university education. 1994  
*Capps' Scholar (Molecular Endocrinology)*, Harvard University, 1979-1982  
*African-American Institute Grad. Fellow*, Harvard Med. School, Boston, MA  
*Aga Khan Scholar*, Harvard University, 1964-1968.  
*Honorary Degree*: Doctor of Science (D.Sc.) *honoris causa*, Soka University, Tokyo, Japan. 2003

**Contact Address:**

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(& Principal Scientist IMCB-A)

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## Teresinha Padilha

**Nationality:** Brazil

**Age:** 51

**Gender:** Female

**Education:**

*DVM* – Rural Federal University of Rio de Janeiro, 1974

*M.Sci. Veterinary Medicine* - Rural Federal University of Rio de Janeiro, 1977

*Ph.D. Comparative Pathology* – University of California – Davis, U.S.A. 1985

**Areas of Specialization:** Animal Health and Food Safety

**Professional Experience:**

*Visiting Scientist/International Research Leader* – Embrapa/USDA-ARS Labex Cooperation Program, 1998 – 2003

*Director of Research and Development* – Embrapa Dairy Cattle Research Center, 1995-1997

*Senior Research Scientist* – Embrapa Dairy Cattle Research Center, 1989-1998

*Research Scientist* – Embrapa Semi-arid Research Center, 1977-1981, 1987-1989

*Clinical Assistant Professor* – College of Vet. Med., Ohio State University

**Membership in Committees/Boards/Professional Organizations:**

*Brazilian Member*, International consortium to sequence the bovine genome

*Member*, American Association of Veterinary Parasitologists

*Member*, International Society for Veterinary Epidemiology and Economics

*Member*, Society for Tropical Veterinary Medicine

*Member*, World Association for the Advancement of Veterinary Parasitology

*Member*, Brazilian Society of Animal Production

**Awards/Honors Received:**

*CNPq Fellowship Award*, 1988, 1990, 1992, 1994, 1996, 1998

*World Association for the Advancement of veterinary Parasitology*, 1995, 1997

*Brazilian Science Foundation Fellowship*, 1977

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## Lisa Sennerby- Forsse

**Nationality:** Sweden

**Age:** 54

**Gender:** Female

**Education:**

*B.A.* - Lund University, Sweden, 1975.

*M.Sc.* – Stockholm University, Sweden, 1978

*Ph.D.* - Stockholm University, Sweden, 1987

**Areas of Specialization:** Forestry (silviculture), Bioenergy, Plant physiology and anatomy, research management and administration

**Professional Experience:**

*Secretary General*, The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (Formas), 2001-present.

*Director*, Department for Natural Resources: The Swedish Environmental Protection Agency (Naturvårdsverket), 2000-01.

*Professor (adj.) in Short Rotation Forestry*, The Swedish University of Agricultural Sciences (SLU), 1996 –2002.

*Director of Research*, The Swedish Forestry Research Institute (SkogForsk) 1994-2000.

*Senior Scientist/Programme Leader*, Dept Ecol. and Env. Res.,SLU, 1986-1994.

**Membership in Committees/Boards/Professional Organizations (current):**

*Member*, Swedish Royal Academy of Agriculture and Forestry (KSLA)

*Vice Chair*, *Expert Advisory Group* for “Sustainable Development and Global Change”:in the 6<sup>th</sup> Framework Research Programme, Directorate General of Research, European Commission (EU):

*Member*, European Science Foundation, (ESF)

*Council Member*, International Institute of Applied Systems Analysis (IIASA) Vienna, Austria

*Member*, Nordic Panel for the Development of the “Nordic Research Area” (NRA): Nordic Council of Ministers (NMR)

*Member*, *Ad-hoc Committee for Nordic Cooperation II.* (Agriculture and Forestry), Nordic Council of Ministers (NMR)

**Awards/Honors Received:**

*The Golden Twig*, The Swedish Forestry Association, 2001

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Secretary General, Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (Formas)

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## Keith Bezanson

**Nationality:** Canada/UK

**Age:** 62

**Gender:** Male

**Education:**

*B.A.* - BA, Carleton University, Ottawa, Canada, 1964.

*Ph.D.* - PhD, Stanford University, California, U.S.A., 1972

**Areas of Specialization:** International Development/Policy

**Professional Experience:**

*Director*, Institute of Development Studies, U.K., 1997-present.

*President*, International Development Research Center (IDRC), Canada, 1991-1997.

*Administrative Manager*, Inter-American Development Bank, Washington, D.C., 1988-1991.

*Canadian Ambassador to Peru and Bolivia*, 1985-1988

*Vice President*, Americas Branch, Canadian International Development Agency (CIDA), Ottawa, Canada, 1981-1985.

*Director General*, Multilateral Programs, CIDA, Ottawa, Canada, 1978-1981.

*Regional Director*, Eastern Africa Regional Program, CIDA, Ottawa, Canada, 1977-1978.

**Membership in Committees/Boards/Professional Organizations:**

*Senior Research Fellow*, International Institute for Sustainable Development (IISD), Canada

*Trustee*, International Network of Bamboo and Rattan (INBAR), headquartered in China

*Director*, Institute for Global Environmental Strategies (IGES), headquartered in Japan

*Member*, International Advisory Committee to International Food Policy Research Institute (IFPRI), Washington, D.C.

*Trustee*, Tata Energy Research Institute, India

**Awards/Honors Received:**

*Advanced Doctoral Fellowship*, Canada Council, 1969

*Ford Foundation Fellowship*, 1968

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## Michael Lipton

**Nationality:** United Kingdom

**Age:** 66

**Gender:** Male

**Education:**

*B.A. Philosophy, Politics and Economics* - Oxford, UK, 1960

*M.A.* – Oxford, U.K., 1979

*D. Litt.* – Sussex University, UK, 1982

**Areas of Specialization:** Economics of poverty reduction

**Professional Experience:**

*Research Professor*, Poverty Research Unit at Sussex, School of African and Asian Studies, University of Sussex, 1998-present.

*Lead Scholar*, International Fund for Agricultural Development, Rural Poverty Report 2001, 1999-2001

*Director*, EU distribution-demographics project (4<sup>th</sup> Framework grant), 1997-2003

*Senior Adviser and Theme Leader*, 'Quality of Life' section, Asian Development Bank study of 'Emerging Asia', 1995-97.

*Professor of Development Economics and Founding Director*, University of Sussex., Poverty Research Unit, 1994-97.

*Fellow of the Institute of Development Studies and Professorial Fellow*, University of Sussex, 1971-94.

*Programme Director*, Food Consumption and Nutrition Programme, International Food Policy Research Institute, Washington D.C., 1987-1990

**Membership in Committees/Boards/Professional Organizations:**

*Council Member*, Overseas Development Institute, 1998-2004

*Member*, Programme Advisory Committee, International Development Enterprises, 2002-5;

*Member*, Governing Body, Institute of Development Studies, 1984-92;

*Member*, IFPRI EPMR panel of IFPRI, 1984;

*Member*, Working Party on Social and Ethical implications of GM plants, Nuffield Council, 1998-1999

**Awards/Honors Received:**

*Jenkyns Prize*, 1958

*George Webb Medley Prize in Economics*, 1960

*Rockefeller Fellow*, Massachusetts Institute of Technology, 1963-64

*Dudley Seers Prize* (jointly with Robert Eastwood), 1999-2000

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Professor

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## Johan Bouma

**Nationality:** Netherlands

**Age:** 63

**Gender:** Male

**Education:**

*Ir.degree (Soil Science)* – Wageningen Agricultural University (WAU),  
Netherlands, 1966

*Ph. D. in Soil Science* – Wageningen Agricultural University, Netherlands, 1969

**Areas of Specialization:** Soil Science (applied soil physics)

**Professional Experience:**

*Scientific Director*, Environmental Sciences Group of Wageningen University and  
Research Center, 2001 –2003

*Director* , Graduate School Production Ecology , WAU, 1993-1998.

*Professor of Soil Inventarisation and Land Evaluation*, Dept. of Soil Science and  
Geology, WAU, The Netherlands, 1986-1991 (0.4 of time since 1-1-'98).

*Deputy Director for Research*, Netherlands Soil Survey Institute, 1983-1986

*Head*, Dept. of Soil Physics. Netherlands Soil Survey Institute, 1975-1983

*Associate Professor*, Dept. of Soil Science, University of Wisconsin, Madison,  
U.S.A.1973-1975.

**Membership in Committees/Boards/Professional Organizations:**

*Member*, Scientific Council for Government Policy in the Hague 1998-2003

*Co-Chair*, Int. Consortium for Agricultural Systems Analysis (ICASA) 1996-2001

*Member*, Advisory Council for Scientific Research on Development Cooperation,  
1996- 2002

*Chairman*, Earth Sciences section of the Royal Dutch Academy of Sciences,1998-  
2002

*Member*, American Society of Agronomy and Soil Science Society of America

*Member*, International Soil Science Society

*Member*, American Association for the Advancement of Science

*Member*,Board of the Int. Soil Reference and Information Center (ISRIC) in  
Wageningen,1991-present

**Awards/Honors Received:**

*Fellow* of the Soil Science Society of America, Chicago, 1985

*Elected member of* the Royal Dutch Academy of Sciences,1989

Korrespondierendes Mitglied Deutsche Bodenkundliche Gesellschaft, 1989 (Equivalent  
to Fellow).

*Officer in the order of Orange Nassau*, 2001.

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## Kenneth Cassman

**Nationality:** U.S.A.

**Age:** 48

**Gender:** Male

**Education:**

*B. Sc. Biology*, University of California San Diego, U.S.A. 1975

*Ph.D. in Agronomy and Soil Science*, University of Hawaii, U.S.A. 1979

**Areas of Specialization:** Agronomy and Soil Science

**Professional Experience:**

*Professor and Head*, Department of Agronomy and Horticulture, University of Nebraska, U.S.A. 1996-present

*Head*, Div. of Agronomy, Plant Physiology, and Agroecology, IRRI, 1991-1995

*Affiliate faculty member*, Dept. of Agronomy and Soil Science, University of the Philippines, Los Bano s, Philippines, 1991-1995

*Assist./Assoc. Professor*, Dept. Agronomy and Range Science University of California Davis, 1984-1991

*Agronomist*, Egyptian Major Cereals Improvement Project, Egypt, 1982-1984

**Membership in Committees/Boards/Professional Organizations :**

*Member*, Soil Science Society of America

*Member*, American Society of Agronomy

*Member*, Crop Science Society of America

*Member*, International Society of Soil Science

*Member*, American Association for the Advancement of Science

*Member*, CGIAR Ecoregional Research Taskforce, 1994-1995

*Member*, CIMMYT External Program and Management Review Panel, 1997

*Chair*, IITA's External Program and Management Review Panel, 2001

**Awards/Honors Received:**

*Researcher of the Year*, Fluid Fertilizer Foundation, 1989

*Winner*, 8th Competition for Young Researchers, Int'l Potash Inst., 1990

*Fellow*, Agronomy Society of America, 1996

*M.S. Swaminathan Outstanding Research Award* from the Philippine Council for Agriculture & Natural Resources Res. & Development, 1996

*Fellow*, Soil Science Society of America, 1997

*Research and Education Award*, Nebraska Agric. Business Assn., 1998

*Fellow*, Crop Science Society of America, 1999

*Robert E. Wagner Award*, Potash and Phosphate Institute, 2000

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## Christopher Chetsanga

**Nationality:** Zimbabwe

**Age:** 68

**Gender:** Male

**Education:**

*B. Sc.*, University of California and Peperdine University, U.S.A. 1965

*M.Sc.*, University of Toronto, Canada.1967

*Ph.D. in Biochemistry and Molecular Biology*, University of Toronto, 1969

**Areas of Specialization:** Molecular Biology and Biotechnology

**Professional Experience:**

*Director General*, Scientific and Industrial Research and Development Center, Zimbabwe, 1993-2003

*Pro Vice-Chancellor*, University of Zimbabwe, 1991-1993

*Dean of Science*, University of Zimbabwe, 1986-1991

*Professor of Biochemistry*, University of Zimbabwe, 1983-1986

*Asst. Professor, Assoc. Professor, Full Professor*, University of Michigan, 1972-1983

**Membership in Committees/Boards/Professional Organizations:**

*Member*, American Association for the Advancement of Science

*Member*, American Society for Biochemistry and Molecular Biology

*Member of Governing Council*, African Academy of Sciences

*Member*, Editorial Board, International Association for Plant Tissue Culture and Biotechnology

*Vice-Chair*, Governing Council of ICIPE, Nairobi, Kenya, 1996-2001

*Chairman*, UNESCO Executive Board, 1999

*Member*, Steering Committee, Intermediary Biotechnology Services, ISNAR (1991-present)

**Awards/Honors Received:**

*Fellow*, Third World Academy of Sciences

*Presidential Award*, for Distinguished Research in Cancer, Zimbabwe, 1990

*UNESCO Gold Medal Award*, 1999

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## Barbara Ekbom

**Nationality:** Sweden

**Age:** 52

**Gender:** Female

**Education:**

*B.A.* – University of California Riverside, 1973

*Ph.D. in Entomology*, Swedish University of Agricultural Sciences, 1981

**Areas of Specialization:** Entomology

**Professional Experience:**

*Chairman*, Dept of Entomology, Swedish University of Agricultural Sciences, 1994-1999; 2002 – 2003

*Vice Chairman*, Dept of Entomology, Swedish University of Agricultural Sciences, 1 Nov. 2001 to 30 June 2002

*Full Professor*, Dept of Entomology, Swedish University of Agricultural Sciences June 2000 – present

*Chairman*, Dept of Plant and Forest Protection, Swedish University of Agricultural Sciences, 1993-1994

*Acting Head* (tf statsagronom), Applied Entomology Division, 1992 - 1993

*Associate Professor* (Docent), Swedish University of Agricultural Sciences May 1987 – June 2000

*Scientific Officer* (Försöksledare), Swedish University of Agricultural Sciences. Applied Entomology Division. 1981 – 1987

**Membership in Committees/Boards/Professional Organizations (current):**

*Member*, ICIPE Governing Council - Jan. 1997 –2003

*Member*, International Advisory Board - C.T. de Wit Graduate School for Production Ecology, Wageningen Agric. University, the Netherlands, 1997-2004

*Member*, Swedish International Development Agency (SIDA) Research Council: 2001-2003

*Member of editorial board:* Annals of Applied Biology, Entomologia Experimentalis et Applicata, Basic and Applied Ecology, Canadian Entomologist

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## Michel Griffon

**Nationality:** France

**Age:** 54

**Gender:** Male

**Education:**

*Diploma* in Agricultural Economics, Institut National Agronomique Paris-Grignon, 1971.

*DEA Degree program*, INSTN - National Institute of Nuclear Science and Technology), University of Paris IX - Research and Development Economics, 1978

**Areas of Specialization:** Agricultural Economics

**Professional Experience:**

*Special Advisor for Sustainable Development*. Office of the Director General, CIRAD, January 2003 –to present

*Scientific Director*, CIRAD, 1999 – 2002.

*Director*, ECOPOL (Research Unit : Economics, policies and markets), CIRAD, 1994-1999

*Chief Economist-Science Division and Director of URPA* (Policy Analysis and Prospective), CIRAD, 1986-1999

*Chargé de Mission at the Ministry of Cooperation*, Ministry of Foreign Relations and Ministry of Cooperation and Development, France, 1981-1982

*Secretary General of F.A.C.*, Cooperation and Aid Fund, 1982-1986

*Researcher*, Supervisor of the agricultural policies and research-development division at SEDES (Société d'Etudes pour le Développement Economique et Social)

**Membership in Committees/Boards/Professional Organizations:**

*Member*, IFPRI Advisory Committee, 1989-1992

*Member*, Advisory Committee of "2020 vision initiative". IFPRI

*Secretary*, Science and Strategy Panel, Third System Review of the CGIAR.

*Member*, IAAE - International Association of Agricultural Economists.

*Member*, EAEE - European Association of Agricultural Economists - Member of Steering Committee for LDC Seminars.

*Member*, AIEA2 - Association Internationale d'Economie Agro-alimentaire.

*Member*, SFER - Société Française d'Economie Rurale - Member of the Board.

*Member*, SFE - Société Française d'Economie.

**Awards/Honors Received: (Most recent)**

*Chevalier de l'Ordre National du Mérite*

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## Luis Herrera-Estrella

**Nationality:** Mexico

**Age:** 47

**Gender:** Male

**Education:**

*B.Sc. (Biochemistry)*, Instituto Politécnico Nacional, México, 1977.

*M.Sc.* Centro de Investigación y Estudios Avanzados del IPN, Departamento de Ingeniería Genética, México, DF, 1980

*D.Sci.* Rijksuniversiteit Gent, Departamento de Genética, Gante (Bélgica), 1984

**Areas of Specialization:** Molecular/cell biology, genetic engineering

**Professional Experience:**

*Profesor Titular "F" y Director*, Centro de Investigación y Estudios Avanzados del IPN, México, 2001- present.

*Head*, Department of Plant Genetic Engineering, Centro de Investigación y Estudios Avanzados del IPN, México, 1986-1997

*Sabbatical*, Long Ashton Experiment Station, University of Bristol, Great Britain, 1998-1999

**Membership in Committees/Boards/Professional Organizations (current):**

*Member*, Consejo Directivo del Biotechnology Action Council, UNESCO 1996-present.

*Member*, Consejo Directivo, "International Service for the Acquisition of Agrobiotech Applications" (ISAAA)

*Director*, "Biotechnology and Education Center, UNESCO", Unidad Irapuato del Cinvestav 1995-present

*Member*, Iberoamerican Molecular Biology Organisation (IMBO) 1998

*Member*, Consejo Asesor, "Donald Danforth Plant Sciences Institute" 1999-

*Member*, Academia de Ciencias de América Latina (ACAL) 1999

*President*, International Association of Plant Molecular Biology, 1999-2002

*Member*, Consejo Científico Asesor, International Center for Genetic Engineering and Biotechnology (ICGEB) 2000-2002, 2003-

**Awards/Honors Received:**

*Minoru and Ethel Tsutsui Prize*, best doctoral thesis worldwide, New York Academy of Science, 1984

*J. Hussain Prize*, outstanding researcher (natural sciences), UNESCO 1987.

*TWAS Award in Biology, 1994, Nigeria*

*Gold Medal*, Most Outstanding Inventor in Mexico, World Intellectual Property Organization, (WIPO), 2000.

*Premio Nacional de Ciencias y Artes*, Presidencia de la República. México, 2002

*Awarded* 3 international patents on techniques for production of transgenic plants

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## Qifa Zhang

**Nationality:** China

**Age:** 49

**Gender:** Male

**Education:**

*B.Sc. (Agronomy)*, Huazhong Agricultural College, China, 1976

*Ph.D. in Genetics*, University of California Davis, U.S.A.1985

**Areas of Specialization:** Crop science, Molecular genetics, genetics/plant breeding

**Professional Experience:**

*Dean*, College of Life Science and Technology, Huazhong Agricultural University, 1994-present

*Adjunct professor*, Virginia Polytechnic University, U.S.A.1994-present

*Associate Director*, National Key Laboratory of Crop Genetic Improvement, Huazhong Agricultural University, 1992-present

*Professor*, Huazhong Agricultural University, 1991-present

*Director*, Biotechnology Center, Huazhong Agricultural University, 1987-1994

**Membership in Committees/Boards/Professional Organizations :**

*Chairman*, Steering Committee, Asian Rice Biotechnology Network, 1999-2000

*Member*, Expert Panel on Biotechnology, CGIAR, 1997-1998

*Member*, Science Advisory Committee, Rockefeller Foundation's International Program on Rice Biotechnology, 1995

*Member*, Genetics Society of America

*Member*, American Society of Agronomy

*Member*, American Association for the Advancement of Science

*Member*, International Plant Molecular Biology Society

*Member*, American Phytopathological Society

*Member*, Genetics Society of China

*Member*, Agro-biotechnology Society of China

**Awards/Honors Received:**

*Young Scientists of China Award*, 1998

*Award* for Significant Contributions to Agricultural Science in China, China Foundation for Agricultural Science and Education, 1997

*Outstanding Scientist*, Ministry of Personnel, PRC, 1992, 1994

*King Baudouin Award*, International Foundation for Science, 1993

*Biotechnology Career Fellowship Award*, Rockefeller Foundation, 1990

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