

IAFoST Fellows Bulletin February 2012

Distinguished Fellows of the Academy,

In this review of recent events and activities, we have some good news and some sad news to impart.

In Memoriam

The loss of two immense figures in the world of food science and technology has occurred in the last short while. Professor Piotr Lewicki and Dr. David Min exemplified the best in our field and we include below tributes to them both.

PROF. PIOTR P. LEWICKI, a graduate of the Warsaw University of Life Sciences and of the Massachusetts Institute of Technology, became an internationally recognized specialist in food engineering. He organized and headed the Department of Food Engineering and Process Management in the Warsaw University of Life Sciences and created a well-balanced curriculum in food engineering. He emphasized the need to concentrate in teaching food technology on unit operations and unit processes rather than on the commodity-oriented approach.

His excellent textbook on food engineering has been used by the staff and students in all Polish universities and colleges offering courses in food science and technology. Years ago the American publisher Technomic proposed to him to publish his book in English. The investigations of Professor Lewicki, his staff, and students contributed substantially to the knowledge on food dehydration and the role of water in food systems. His research results have been published in numerous peer-reviewed papers and book chapters, as well as presented on many Polish and international conferences. He was a very active member of the Committee of Food Technology and Chemistry of the Polish Academy of Sciences. His activity as an academic educator and researcher contributed very significantly to the development of food science and technology in Poland. Professor Lewicki played also a great role in promoting international research cooperation by his activity as organizer of seminars/conferences, plenary lecturer, as well as member of professional associations and editorial boards of several journals.

I suppose that not everyone who had the privilege of meeting Professor Lewicki or working with him was able to benefit fully of it, since according to Aleksandr Solzhenitsyn "When a great opportunity comes, and knocks on the door, its first tap is no louder than the beating of one's heart, and only a sensitive ear can detect it".

The premature death, on 29th December 2011, of Piotr Lewicki, a kind and noble person, is a great loss to his friends and to the international community of food scientists.

Dzisiaj E. Sikorski, IAFoST Fellow

Prof. Lewicki was Vice Rector of the Warsaw University of Life Sciences (1984-1987), Vice Dean (1978-1981) and Dean (1981-1984) of the Food Technology Faculty and Head of the Department of Food Engineering and Process for many years (1982-2005).

Professor Piotr P. Lewicki was also a member of other professional organizations: The European Association of Chemical Engineers, Committee on Food Sciences of Polish Academy of Sciences, Committee on Agrophysics of Polish Academy of Sciences, as well a member of a number of: scientific councils of research institutions, Polish and international Societies, Editorial Boards of scientific journals.

He was an expert in food technology and engineering, a leader of the recognized Warsaw University of Life Sciences research group working in this field. Professor Piotr P. Lewicki was awarded many Polish distinctions and honours, among others: Knight's Cross of the Order of Polonia Restituta, Gold Cross of Merit, Medal of the Commission of National Education, Gold Medal of "Merit for Warsaw University of Life Sciences".

We have lost an outstanding scientist, a good man, a teacher to many scientific generations.

Polish Committee for cooperation with IUFoST, Professor Mariusz Piskula, IAFoST Fellow

DR. DAVID MIN's major research objective was to improve the oxidative and flavor stability of foods by understanding and controlling the chemical mechanisms for the flavor compound formation by a combination of GC, HPLC, IR, NMR, ESR and MS. Dr. Min's group painstakingly, conclusively and scientifically developed the noble chemical mechanisms for the formation of sunlight flavor in dairy products, reversion flavor in soybean oil, and light sensitivity of riboflavin. Professor Min was the pioneer for the formation, reaction mechanisms and kinetics, quenching mechanisms and kinetics of singlet oxygen in foods. Dr. Min has published 7 books and more than 200 publications. Professor Min has been Scientific Editor, Journal of Food Science, and Journal of American Oil Chemists' Society and on the editorial board of Critical Reviews on Food Science and Nutrition, Journal of Food Quality, Food Chemistry, Brazilian Journal of Food Science, Food Science and Biochemistry, and Marcel Dekker Publications.

Dr. Min lectured widely in both developed and developing countries and received awards not just in the USA but in many of the countries in which he taught. Dr. Min received more than 35 national and international awards including 1995 IFT Achievement Award of Lipid and Flavor Chemistry, 2001 IFT Food Chemistry Lectureship Award, 2005 IFT Harold Macy Food Science & Technology Award, 2006 Japanese Oil Chemists' Society Research Award and 2007 American Oil Chemists' Society Bailey Award. He also received 1999 Distinguished Senior Faculty Research Award, 2002 Professor of the Year Award, 2004 Outstanding Pomerance Teaching Award, 2007 The Ohio State University Teaching Award and 2008 Most Cited Paper Award in Food Science.

He has been an elected member of Korean National Academy of Science, and Fellow of Institute of Food Technologists, American Oil Chemists' Society, American Institute of Chemists, and International Academy of Food Science and

Technology.

EDUCATION: B. S. 1965: Seoul National University, Seoul, Korea, M.S. 1969: University of Minnesota, Minneapolis, MN, Ph.D. 1973: Rutgers University, New Brunswick, NJ USA

EMPLOYMENT 1979 - 2011 The Ohio State University, 1976 - 1979 Principal Scientist and Manager, CPC International, 1973 - 1975 Senior Scientist, Quaker Oats Company

CONCURRENT EMPLOYMENT: 2001 - 2011. Honorary Research Scientist and Advisor

Ministry of Agriculture, Korea; 1995 - 1996. Distinguished Visiting Scientist and Professor

Department of Food Technology, Seoul National University; 1994 - 1994. Visiting Professor, Department of Food Science; University of Campinas, Sao Paulo, Brazil; 1993 - 1993. Visiting Professor and Academic Consultant Jilin University, Peoples Republic of China; 1988 - 1989. Visiting Professor and Academic Consultant, Bogor University, Bogor, Indonesia; 1977 - 1979. Honorary Professor Rutgers University, New Brunswick, NJ USA; 1975 - 1976. Instructor, University of Illinois and Illinois Institute of Technology, IL, USA.

He will be deeply missed by the international community of food scientists and technologists.

Fellows' activities and awards

Dr. V. Prakash has been named CSIR Distinguished Scientist of India.

Dr. Rui Hai Liu has been elected a Fellow of the American Association for the Advancement of Science (AAAS). <http://www.aaas.org/aboutaaas/fellows/2011.shtml>

Professor Pierre Feillet released a new book in January 2012, "Now aliments sont-ils dangereux - Our Food is dangerous? We ban pesticides and additives? GMOs threaten biodiversity? What about organic foods? Will we feed the world in 2050? Biofuels do they lead us to famine? In response to 60 questions Pierre Feillet delivers the keys to a better understanding of the "food system", one that begins in the fields and ends in our body. (Published by QUAE, www.quae.com, taglines food - food chain, the consumer - Nutrition)

IAFoST News

The election for new fellows of the Academy will be underway this week. Each IAFoST Fellow will receive an invitation and instructions on how to access the Academy Fellows Forum and the online voting pages.

The 16th World Congress of Food Science and Technology is being held in Iguassu Falls, Brazil from 5 - 9 August 2012. Joint Chairs of the Scientific Programme, Profs. Delia-Rodriguez-Amaya and Rickey Yada are doing a magnificent job of bringing together eminent scientists from all around the world to discuss the most important issues facing us in food science and technology. There are several particularly special occasions planned for IAFoST Fellows in and around the Congress. These include the induction of new Fellows on the morning of August 5th, the Distinguished Lecture, which will take place on August 9th and the Academy Luncheon that same day. Please log on www.iufost.org.br for more information.

IUFoST has numerous opportunities for Fellows to become more engaged. For example, there is the Distance Assisted Training Program where Fellows could serve as mentors or even as module leaders, and there are the various task forces and initiatives in which to make contributions. Incoming President of the Academy Walter Spiess suggested an additional avenue for making contributions. If you have a particular interest, in say water, energy, or a particular aspect of sustainability, you could along with fellow Fellows form an informal group to consider a topic. All you need to do is volunteer to lead the discussion and ask for volunteer members. Write up a description of the topic and submit it to Daryl Lund dlund@cals.wisc.edu and Judith Meech at jmeech@iufost.org and you are off and running. The three thrust areas of IUFoST, Food Safety, Food Security, and Education, are all suitable broad topics in which to assist. Jump in, the water is fine!!

ABOUT IAFoST

Fellows elected to the International Academy of Food Science and Technology are acknowledged by their peers as the outstanding representatives of international food science and technology. IAFoST collectively forms a pool of scientific expertise in food science and technology from which IUFoST draws non-aligned expert advice on scientific matters. They are at the forefront of IUFoST, helping to strengthen global food science and technology for humanity. Academy Executive Council 2010-2012: Dr. D. Lund, President, Dr. V. Prakash, Past President, Prof. W. Spiess, President-elect, Prof. D. Rodriguez-Amaya, Councillor and Dr. Rui Hai Liu, Councillor.

ABOUT IUFoST

The International Union of Food Science and Technology (IUFoST) is the global federation of national scientific organizations representing more than 200,000 food scientists and technologists from over 70 countries. IUFoST has four regional groupings: ALACCTA representing Central and South America, EFFoST representing Europe, FIFSTA representing the ASEAN region and WAAFoST representing West Africa. IUFoST links the world's food scientists and technologists. Website: www.iufost.org, Contact: Secretariat@iufost.org