

# Jules Janick, Curriculum Vitae

## Index

### ACADEMIC RECORD

|                                |   |
|--------------------------------|---|
| Degrees received .....         | 1 |
| Appointments.....              | 1 |
| Organization memberships.....  | 1 |
| Other Activities.....          | 1 |
| Honors and Awards .....        | 3 |
| Research Programs.....         | 5 |
| Research Grants .....          | 5 |
| Postdoctorate Associates ..... | 6 |
| Graduate Students .....        | 6 |
| Administration .....           | 6 |
| Teaching .....                 | 6 |

|                           |   |
|---------------------------|---|
| FOREIGN ASSIGNMENTS ..... | 7 |
|---------------------------|---|

### JOURNALS AND REVIEWS

|                                   |    |
|-----------------------------------|----|
| HortScience .....                 | 11 |
| Journal ASHS .....                | 11 |
| Horticultural Reviews .....       | 11 |
| Plant Breeding Reviews .....      | 12 |
| Chronica Horticulturae .....      | 13 |
| New Crops News (Newsletter) ..... | 13 |

### PATENTS

|                    |    |
|--------------------|----|
| Utility.....       | 13 |
| Plant Patents..... | 13 |

### PUBLICATIONS

|  |    |
|--|----|
| Books and Proceedings .....                | 14 |
| Book Chapters, Reviews, Introductions..... | 16 |
| Journal Research Papers .....              | 20 |
| Popular Articles, Reports .....            | 31 |
| Book Reviews .....                         | 40 |
| Theses .....                               | 44 |
| Encyclopedia articles .....                | 43 |
| Abstracts.....                             | 45 |

|                |    |
|----------------|----|
| ADDRESSES..... | 54 |
|----------------|----|

# Curriculum Vitae

JULES JANICK

Married: 1952, Shirley Reisner

Children: Peter (b. 1953) and Robin (b. 1956), 4 grandsons (Noah, Lee, Nathan, Aaron)

## ACADEMIC RECORD

| Degrees Received   | Institution                                   | Dates                         |
|--|---|-------------------------------|
| B.S.   | Cornell University – Agriculture,             | 1951                          |
| M.S.   | Purdue University - Plant                     | 1952. (Genetics and Breeding) |
| Ph.D.  | Purdue University - Plant                     | 1954, (Genetics and Breeding) |
| D.S. Agr (Hon)   | University of Bologna - Agricultural Science, | 1990                          |
| Doctor Honoris Causa,  | Technical University of Lisbon,               | 1994                          |
| Doctor Philosophiae, Honoris Causa, Hebrew                               | University of Jerusalem,                      | 2007                          |
| Doctor Honoris Causa, University of Agricultural Sciences and Veterinary | Medicine Cluj-Napoca, Romania,                | 2010                          |

## Appointments

|   |                 |                  |
|---|-----------------|------------------|
| Research Fellow                         | Purdue          | 1951-1954        |
| Instructor                              | Purdue          | 1954-1956        |
| Assistant Professor                     | Purdue          | 1956-1959        |
| Associate Professor                     | Purdue          | 1959-1963        |
| Honorary Research Associate (sabbatic)  |                 |                  |
| University College                      | London, England | 1962             |
| Professor                               | Purdue          | 1963-1988        |
| Horticulturist (Purdue-Brazil contract) |                 |                  |
| Rural University of Minas Gerais        | Brazil          | 1963-1965        |
| Visiting Colleague (sabbatic)           | Univ. of Hawaii | 1969             |
| Visiting Professor (sabbatic)           | Univ. of Pisa   | Pisa, Italy 1985 |
| Honorary Research Associate (sabbatic)  |                 |                  |
| University College, London, England     |                 | 1985-1986        |
| James Troop Distinguished               |                 |                  |
| Professor, Purdue                       |                 | 1988-            |
| Director, Center for New Crops and      |                 |                  |
| Plant Products                          | Purdue          | 1990-present     |

## Organizations - membership

American Society for Horticultural Science  
American Pomological Society  
International Society for Horticultural Science  
American Association for the Advancement of Science  
Sigma Xi

## Other Activities

Review Editor, Journal of American Society for Horticultural Science (1969-1970).  
President, Lafayette Chapter, American Recorder Society (1970-1971).  
Board of Directors, American Society for Horticultural Science (1970-1978; 1986-1988).  
Editor, HortScience, a publication of the American Society for Horticultural Science (1970-1981); Science  
Editor (1982-1983).  
Departmental Review Committee, University of New Hampshire (1971).  
President, Pear Breeders' Cooperative (1971-1973).

Consultant, World Bank Agricultural Research and Extension Development Mission to Indonesia (1973).  
 Contributing Editor, Horticulture Magazine (1976-1978; 1982-1984).  
 Editor, Journal of the American Society for Horticultural Science (1976-1981); Science Editor (1982-1983).  
 Consulting Editor, AVI Publishing Company, Westport, Connecticut (1977-1982).  
 Consultant, Rodale Press (1978).  
 Editor, Horticultural Reviews, AVI, Timber Press, Wiley (1978-present).  
 Active Member, Campbell Soup Research Advisory Council (1978-1982).  
 Member, USDA/CR Review Team for the Department of Horticulture, University of Wisconsin, December 3-7, 1979.  
 Member, USDA/CR Review /Team for the Department of Horticulture, University of Mississippi, October 27-30, 1980.  
 Advisor (Horticulturist) Purdue University Institute Development Program, Portugal, September 10 – October 10, 1981.  
 Member, Scientific Advisory Board, DNA Plant Technology Corporation (1981-1986).  
 Consultant, International Plant Research Institute (1981-1982).  
 Member, USDA/CR Review/Team for the Department of Horticulture, Oregon State University, April 5-8, 1982.  
 Editor, Plant Breeding Reviews, AVI, Timber Press, Wiley (1982-present).  
 Visiting Scholar, Virginia Polytechnic Institute and State University, November 8-9, 1982.  
 Associate Editor (Book Reviews), HortScience, a publication of the American Society for Horticultural Science (1983-1987).  
 Advisor (Horticulturist), Purdue University Institute Development Program, Portugal, May 11 - June 9, 1983.  
 Consultant, John Wiley & Sons (1983-present).  
 Expert witness, IRS Proposed Tax Regulations, March 8, 1984, U.S. Tax Court, San Francisco, Saglia v. Commissioner, September 22, 1986  
 Advisor (Horticulturist), Graduate Program in Horticultural Science, University of Guelph. May 27-29, 1986.  
 Chief of Party/Advisor (Horticulturist), USAID/OICD Portuguese Minister of Agriculture, June 8-28, 1986.  
 Member CSRS Review Team for the Department of Plant Sciences, University of Delaware, November 18-21, 1986.  
 Member, U.S. Study Group, Science Journal Feasibility Study for Africa, American Association for the Advancement of Science, 1986-1987.  
 Consultant, Weyerhaeuser Corporation, 1986-1987.  
 Chairman, BARD panel review (Horticulture), 1986-1987.  
 Chief of Party/Advisor (Agricultural Research). USAID/OICD Portuguese National Institute for Agricultural Research, May 23-June 13, 1987.  
 Consultant, Stark's Bros. Nursery, 1987-1988.  
 Member, CSRS Review Team for the Fruit Science Department, University of Florida, December 7-11, 1987.  
 Member, Advisory Board, CRC Handbook of Plant Science in Agriculture, 1987.  
 Consultant, USAID/Moroccan Project, Agadir, Morocco, December 26, 1987-February 28, 1988.  
 Consultant, Luso-American Development Foundation, Project Assessment, April 11-15, 1988.  
 Participant, Workshop on International Horticulture, Rutgers University, May 29-31, 1988.  
 Visiting Scientist, Horticultural Research Institute of Ontario, July 4-15, 1988.  
 Expert Witness, B. Hare vs. Stark Nursery, Greenville, SC, August 3, 1988.  
 Advisory Board, Superior Farming, Bakersfield, California, 1988.  
 Consultant, Food and Agriculture Organization of the United Nations, Yang Ling/Xian Shaanxi Province, People's Republic of China, December 14, 1988-January 3, 1989.  
 Consulting Editor, Timber Press, 1989-1991.  
 President, Parlor Club, Lafayette, Indiana, 1990-1991.  
 Participant, Gordon Research Conference, Plant Cell and Tissue Culture, Plymouth, New Hampshire, 1991.

ASHS Representative to ISHS Council (International Society for Horticultural Science), 1990-2002.  
 Member, New Crop Advisory Committee (AC) New Crops, 1993-  
 International Advisory Board, Third International Symposium on In Vitro Culture and Crop Breeding,  
 1994-  
 Panel Member, Plant Production and Protection (Biology) of USDA Small Business Innovation Research,  
 Feb. 16-17, 1994.  
 International Advisory Committee for International Centre for Underutilized Crops. Southampton,  
 England, 1996.  
 Council Member of International Society for Horticultural Science (US Representative-ASHS), 1994-2000.  
 Audio Visual Presentation for Meijer Botanical Garden, Grand Rapids, MI, 1996.  
 Advisory Committee, American Pomological Society, 1995-1997  
 Chair, CAST Writing Group on New Crops, 1995/1996.  
 Topic Manager, Plant Production and Protection (BIOLOGY), Small Business Innovation Research (SBIR)  
 Programs, USDA, 1995/1996.  
 Participant CAST Congressional Briefing (Diversifying US Agriculture with New Crops), Feb. 12, 1996  
 Advisor National Plant Breeding Study, 1995-1997.  
 Participant, Agriculture Review Team, Portuguese University of Science & Technology, Sept. 30-Oct. 11,  
 1996.  
 Associate Editor, Elizabethan Review, 1996-2000  
 Editorial Consultant, Sunset National Garden Books, 1996.  
 Member, Rosati Prize Committee, ISHS, 1997.  
 Chairman, Working Group 5, World Conference on Horticultural Research, 1997-1998.  
 Policy member, Historic Horticulture Site, ASHS, 1997-2003.  
 Member, Investment Committee, ISHS, 1998-  
 Consultant, International Atomic Energy Agency, Vienna, Austria, 1998  
 Technical Advisor to Variety Labeling Task Force, U.S. Apple Association, 1998  
 ASHS, Hort LANDMARKS, 1998-2003  
 ASHS Press, Editor-in-Chief, 1998-2003  
 Scientific Committee for "Fruits", Cirad-Fehor, France  
 ISHS Publication Committee, 1999-2002  
 External PhD Examiner, University of Helsinki, Finland, 1999.  
 Reviewer for Agricultural Research at Universities, Portuguese Minister of Science and Technology, 1999.  
 Editorial Board, Food Encyclopedia, Scribners, New York, 2000-2002.  
 Editorial Board for Agriculture, Encyclopedia Britannica, 2000, Chicago.  
 Consultant, Delmonte Corporation, 2000.  
 External PhD Examiner, University of Sweden, Balsgaard. 2001.  
 Board Member ISHS, 2002-2010  
 Convener, Fruit Breeding symposium, International Horticulture Congress, 2002.  
 Science editor, Chronica Horticulturae (ISHS), 2002-2011  
 Editorial Board, Acta Horticulturae 622, 2003  
 Member of Wolf Prize in Agriculture Selection Committee, The Wolf Foundation, Jerusalem, Israel, 2003,  
 2008  
 European Union panel evaluation (Integrated Project), 2005  
 FCT Review Board (Foundation of Science and Technology), Lisbon, Portugal. 2006  
 Reviewer and Rapporteur for ISAFRUIT project of the European Union, 2008, 2009, 2010  
 Portfolio evaluation. Charter Oaks State College. 2008, 2011  
 Swedish University Reviewer, Upsalla, Sweden, 2009  
 Ager Project Examiner (Italy) 2010  
 Colloquium Convener, International Horticultural Congress 2010.  
 University of Connecticut External PhD Examiner 2010, 2011

### **Honors and awards**

Sigma Xi - 1954  
 Paul Howe Shepard Award, American Pomological Society - 1960 and 1970

Marion Meadows Award, American Society for Horticultural Science-1971  
 Gamma Sigma Delta - 1973  
 Fellow of the American Society for Horticultural Science - 1976  
 Stark Award, American Society for Horticultural Science - 1978  
 Wilson Popenoe Award, American Society for Horticultural Science-1980  
 Kenneth Post Award, American Society for Horticultural Science - 1981  
 Fellow, Portuguese Horticultural Association (Horticultura de Honra,  
 Associacao Portuguesa de Horticultura) - 1981  
 Stark Award, American Society for Horticultural Science - 1982  
 N. F. Childers Award (graduate teaching), American Society for Horticultural Science - 1982  
 Wilder Certificate of Recognition, American Pomological Society - 1984  
 Vegetable Publication Award, American Society for Horticultural Science - 1986  
 President, American Society for Horticultural Science - 1986-1987  
 Fellow, American Association for the Advancement of Science - 1988  
 James Troop Distinguished Professorship in Horticulture - 1988  
 Dottore (ad honorum) Scienze Agrarie (Honorary Doctorate in Agricultural Science), University of  
 Bologna, Italy - 1990  
 Phi Kappa Phi - 1994  
 Doctor *Honoris Causa*, Technical University of Lisbon, Portugal - 1994  
 Wilder Silver Medal, American Pomological Society - 1996  
 Indiana Horticultural Society Recognition Award (Golden Apple) - 1996  
 B.Y. Morrison Lecturer, United States Department of Agriculture - 1997  
 Commendation resolution, American Pomological Society - 1998  
 Spencer A. Beach Lecturer, Iowa State University, Ames, Iowa - 2000  
 Horticultural Writing Award, American Horticultural Society, Alexandria, Virginia – 2001  
 Group Honor Award for Excellence, USDA, 2001  
 Certificate of Appreciation, CSREES, 2001  
 Fruit Cultivar Award (Prima), American Society for Horticultural Science, 2002.  
 Outstanding Service Award, American Pomological Society, 2002.  
 ASHS Distinguished International Horticulturist, Career Award, 2003  
 ASHS Tex Frazier Lecturer, 100<sup>th</sup> Anniversary of ASHS, Providence Rhode Island.  
 Fulbright Distinguished Lecturer, University of Pisa, 2004  
 Corresponding Member, Accademia Nazionale di Agricoltura (Italian National Academy of Agriculture)  
 2004  
 Milo Gibson Award, North American Fruit Explorers. 2004  
 Distinguished Service Award. Indiana Horticultural Society, 2005.  
 Kermit A. Olson Memorial Lecturer. Department of Horticultural Science, University of Minnesota, St.  
 Paul. March 23. 2005.  
 Dermot Coyne Memorial Lecturer. Lincoln, Nebraska, Sept. 29 and 30. 2005  
 Fellow, International Society for Horticultural Science, 2006  
 Certificate of Appreciation, International Horticultural Congress, Seoul Korea, 2006  
 Patent Recognition: H2-169 Pear and Coop 39 Apple, Purdue University, 2006  
 A.E. Thompson Career Award of the Association for the Advancement of Industrial Crops.  
 San Diego, California, 2006  
 Donald N. Maynard Endowed Lecturer, University of Connecticut, Storrs, 2006.  
 Doctor Philosophiae Honoris Causa, Hebrew University of Jerusalem, 2007  
 À titre de conférencier de prestige pour l'année 2007-2008 (2008). Centre de recherche en horticulture,  
 Université, Laval, Quebec City, Canada.  
 ASHS Horticulture Hall of Fame. 2009  
 Gold Medal, Dr.Prem Nath Agricultural Science Foundation, International Conference on Horticulture,  
 Bangalore India. 2009  
 Patent Recognition (2010) Purdue University  
 Recognition, Purdue-Brazil Project, Winesap Apple, April 12. 2010  
 Doctor Honoris Causa. University of Agricultural Sciences and Veterinary Medicine Cluj-Napoka,

Romania, October 29, 2010]  
Honorary Member, International Society for Horticultural Science. August 24, 2010  
Outstanding Alumni Award, Cornell University, College of Agriculture and Life Sciences (CALS)  
Nov., 5, 2010,  
Lifetime Achievement Award. National Association of Plant Breeders. May 23, 2011  
Fruit Cultivar Award (GoldRush), American Society for Horticultural Science, 2011.  
Patent Recognition, 'Adagio' Arugula, Purdue University, 2011  
Finalist. Morrill Award, Purdue University, 2012

### Research Programs

Genetics and cytogenetics of sex determination (spinach)  
Fruit breeding (pear, apple, strawberry)  
Plant response to population pressure (tomato, chrysanthemum, carnation)  
Genetics of anthocyanin coloration (eggplant)  
Vegetable breeding and seed production (in Brazil)  
Tissue culture in relation to crop improvement  
Metabolite production from asexual embryos (embryogenics)  
*In vitro* propagation (cacao, cephalotaxus, vanilla, borage)  
Synthetic seed (carrot, celery)  
New crops research  
Crop Iconography and Horticulture

### Research Grants

NSF G4496 Studies on the genetics of sex determination, 1957-1960, \$5,000  
NSF G14150 Cytogenetic aspects of sex determination, 1960-1962, \$15,000  
Purdue XR Grants, 1959, 1968, 1971, 1977, 1983, \$35,000  
USDA Cooperator Genetics of Pear, 1974-1978, \$20,000  
USDA Cooperator Tissue Culture, 1977-1979, \$20,000  
American Cacao Research Institute, 1977-1979, \$20,000  
Trask Award (Purdue Research Foundation), *In vitro* cocoa production, 1978, \$11,000  
Showalter Fund Award (Purdue Research Foundation), A biochemical analysis of *in vitro* seed development, 1978, \$10,000  
Chocolate Manufacturers Association, *In vitro* cacao research, 1979-1983, \$570,000  
Editorial intern (Imperial Press, ASHS), 1979-1980, \$5,000  
American Seed Research Foundation, *In vitro* production of seeds, 1980-1982, \$15,000  
American Seed Research Foundation, Encapsulation of asexual embryos, 1982-85, \$15,000  
American Seed Research Foundation, Synthetic seed technology, 1986-89, \$15,000  
USAID/Title XII Micropropagation of Tropical Plants, 1982-1985, \$20,000  
USDA Cooperator, Cuphea Research, 1984-1985, 1986, 1987, \$27,000  
Cancer Research, 1985-1986, \$5,000  
USAID Propagation and improvement of *Theobroma* spp. by cell and tissue culture, 1986-1990, \$150,000  
New Crops Symposium (USDA, CSRS, CST, Eli Lilly Co., Weyerhaeuser Corp., Proctor & Gamble Co. Dow Chemical, Pioneer Hybrid), 1988, \$29,000; 1991, \$26,500; 1995, \$29,000  
Value Added Center, Department of Commerce, State of Indiana, 1989, Basil Essential Oils, \$16,000  
Indiana Corporation for Science and Technology, 1990-92, New Crops Initiative, \$194,995; 1991, \$202,222; 1993, \$150,000; 1994, \$127,000  
Trask Fund (\$14,000), FAO (\$5,000), Purdue Research Foundation, 1997  
Trask Fund (\$10,000), Indiana Office Commissioner of Agriculture (\$22,000), 1998  
Fund for Rural America, USDA, Center Grant (\$1,585,076). Purdue share = \$197,893, 1998  
New Crop Symposium budget (\$90,000), \$14,000 for proceedings publication, 1998.  
Indiana Office of Commissioner of Agriculture (\$22,000), 1999 – User friendly Crop Information System; (\$24,000), 2000; Marketing Herbs and Medicinals, (\$22,000), 2001; Innovative Marketing, (\$25,000), 2002.  
Mint Industry Research Council, \$5000 annually (with A. Whipkey). (2002 -2006)

Lilian Goldman Charitable Truse \$20,000, (2007-2008); \$30,000 (2009-2010); \$20,000 (2012-2014)  
Gardens Alive! gift, \$5000 (2007 - 2008)

### **Postdoctoral Associates**

P. L. Pfahler (1957)  
J. Ellis (1958-1959)  
S. Bose (1960)  
Muneo Iizuka (1960-1962)  
Chi Won Lee (1977)  
Valerie Creaser Pence (1977-1980)  
Daniel C. Wright (1979-1981)  
Andrzej Kononowicz (1981-1983)  
Halina Kononowicz (1981-1983)  
Shankar Singh (1982-1983)  
Sherry L. Kitto (1984)  
Yong-Hwan Kim (1986-7, 1988-9)  
Hark-Bong Park (1987-8)  
Jehoshua Saranga (1989-1990)  
Antonio Figueira (1993)  
Jorge F.S. Ferreira (1995)

### **Graduate Students (degrees awarded)**

M.S.: D. L. Mahoney, S. S. Thompson, Luis Mimbella Leyva, J. Pelluzio de Campos, E. C. Tigchelaar, R. L. Bell, Claire Sawyers, Rebecca Goetz, Marcos Paiva, Yi-Chang Wang, James Quinn, Christiane Cabral-Velho, Les Frey

Ph.D: L. D. Topoleski, W. B. Sherman, E. C. Tigchelaar, R. L. Fery, C.W. Fowler, H. G. Hughes, R. M. Skirvin, Chi Won Lee, Catherine Lundergan, R. L. Bell, R. L. Scorza, Marcos Paiva, Sherry L. Kitto, Hamid M. Elhag, Yi-Chang Wang, Antonio Figueira, Jorge F.S. Ferreira

### **Administration**

University: Editorial Board, Purdue University Press - (1992- )  
Integrity in Scholarship and Research Ad Hoc Committee - (1990 - 1992)  
Conflict of Interest Task Force (PRF) (1990)  
University Patent and Copyright (1979)  
University Senator (1968, 1977 - 1979 at large)  
Convocation Committee (1965-1967)  
Visual Arts Committee (1967-1970, 1992- )  
Chairman 1969-1970)

School: Ag. Science Committee (1967-1970), Chairman 1968  
Chairman Agricultural Senators (1979)  
Agricultural Complex Task Force (1981-1982)  
Director Selection Committee (1981)  
Education Policy and Faculty Affairs (1986)  
Agriculture Advisory Committee on International Programs (1993- )  
Chairman Agricultural Senators (1996-1997)

Department:

Chm. Genetics Section  
Chm. Graduate Committee  
Chm. Research Committee  
Chm. Library Committee  
Chm. Social Committee

Program Coordinator: Commercial and Public Horticulture

### Teaching

Science and Communication (Purdue)  
History of Horticulture (Purdue. Scola Spereiore Sant'Ana, Distance Education)  
Literature of Horticulture (Purdue)  
Genetics (Purdue)  
Plant Breeding (Purdue)  
Pomology (Purdue)  
Tropical Horticulture (Purdue. Distance Education)pLANT  
Plant Propagation (Purdue)  
Seed Production (Brazil, in Portuguese)  
Plant Breeding (Brazil, in Portuguese)  
Advanced Genetics and Cytogenetics (Brazil, in Portuguese)

### FOREIGN ASSIGNMENTS

1958            Canada (one week) to participate in International Genetics Congress

1962            England (six months). Honorary Research Associate at University College, London. Visits to Belgium (to participate in International Horticultural Congress), Holland, Italy, Spain, France

1963-65        Brazil. Horticulturist with Purdue (USAID Contract) at the Rural University of Minas Gerais (Now Federal University of Vicosa). Visits enroute to Puerto Rico, Trinidad, Peru, Ecuador, Panama, Guatemala, Mexico

1968            Japan (three weeks) to participate in International Genetics Congress

1970            Israel (three weeks) to participate in International Horticultural Congress

1973            Indonesia (three weeks) consultant to World Bank on Agricultural Research and Extension Development Mission

                  Poland, Hungary, Yugoslavia (3 weeks) to participate in International Horticultural Congress

1976            Puerto Rico (1 week) to participate in the 24th Annual Meeting of the Tropical Region of the American Society for Horticultural Science

1979            Mexico (1 week) to participate in the 26th Annual Meeting of the Tropical Region of the American Society for Horticultural Science

1980            Costa Rica (1 week in March; 1 week in December) to collect cacao clones

1981            Portugal (1 month) Advisor, Purdue University Institute Development Program

                  Colombia (1 week) Attend 8th International Cacao Research Conference

1983            Costa Rica (1 week) Coordinate Research Studies for Title XII  
Portugal (1 month) Advisor, Purdue University Institute Development Program  
Mexico (1 week) American Society For Horticultural Science Postconference Tour

1985            Italy (3 months) Visiting Professor, University of Pisa, Italy

1985-86        England (3 months) Honorary Research Associate, University College London, England

- 1986 Portugal (3 weeks) Advisor USAID/INA, Chief of Party, Portuguese Ministry of Agriculture  
Costa Rica (1 week) Tropical Region American Society for Horticultural Science
- 1987 Portugal (3 weeks) Advisor USAID/OICD, Chief of Party, Portuguese Ministry of Agriculture  
Brazil (2 weeks) Germplasm Collection  
Morocco (2 months) Consultant, USAID/Minnesota. Consultant on Fruit Breeding and Horticulture
- 1988 Portugal (1 week) Consultant, Luso-American Development Foundation. Project Assessment: Horticultural Crops for Freezing  
Canada (2 weeks) Visiting Scholar. Horticultural Research Institute of Canada, Simcoe, Canada
- 1988-89 People's Republic of China (3 weeks) Consultant, FAO. Project assignment: Tissue Culture and Pomology  
Culture and Horticultural Breeding. International Society for Horticultural Science and University of Bologna
- 1990 Italy (1 week) Participate in Agriculture and the Environment Conference; receive honorary degree; France (1 week) visit BioSem Laboratory in Aubiere  
Italy (1 week) Participate in XXIII International Horticultural Congress, Florenc  
Ecuador (1 week) Participate in National Plant Tissue Culture Conference, Ambato
- 1991 New Zealand (3 weeks) Keynote speaker for the Second International Symposium on Kiwifruit, seminar presentations at Massey University and DSIRO, Auckland
- 1992 Israel (4 weeks) Participate in International Conference on Development of New Crops, Jerusalem, visiting professor at the Institute for Applied Research, Ben-Gurion University of the Negev  
Ecuador (1 week) Consultation with Fundagro on Cacao Research, Lima, Pichilinga  
Argentina (1 week) Keynote Speaker 23rd International Seed Testing Congress, Oct 28 - Nov. 7, Buenos Aires
- 1993 France, Italy, Germany, Belgium (1 month) Arrange for licensing of PRI apples  
Ivory Coast (1 week) Participate in 11th International Cocoa Research Conference, Yamoussoukro  
Canada (2 days) (New Brunswick) Participate in Apple and Pear Breeders Committee meeting  
Germany (1 week) Disease resistant apple meeting, Ahrweiler
- 1994 Portugal (1 week) Honorary degree, research visits  
Australia (3 weeks) Lecture tour, Australian Society for Horticultural Science  
Japan (2 weeks) Nursery visit, attended 24th International Horticultural Congress, Kyoto, Japan
- 1995 Israel (2 weeks) Lecture at Hebrew University  
Turkey (3 weeks) Initiate cooperative apple program with Cukurova University (Adana) and Ege University (Agadir)  
Canada (1 week) Annual meeting American and Canada Society for Horticultural Science  
France, Italy (2 weeks) visit with European Apple Consortium; ISHS Counsel Meeting, Montpellier
- 1996 Bahamas, Nassau (1 week) Participant in organizing conference of Encyclopedia of Life Support System  
Lisbon, Portugal (1 week) Panel member (Grants) of Praxis XXI, Horticulture and New Technology;  
(2 weeks) Member of team to evaluate R&D services of Instituto Nacional de Investigação Agraria (INIA) for the Minister of Science and Technology

- Southampton, England (1 week) Invited speaker, Domestication, Production, and Utilisation of New Crops: Practical Approaches
- 1997 Auckland, New Zealand (1 week) ASHS Representative to Council of International Society for Horticultural Science  
Lisbon, Vilamoura, Portugal (1 week) INIA-PST Meeting. Keynote Speaker II Congresso Iberoamerican, III Congresso Iberoamerican, III Congresso Iberica de Ciencias Horticolas.  
Cordoba, Spain (1 week) Lecture and visit to Consejo Superior de Investigaciones Cientificas Instituto de Agricultura Sostenible, Alamed del Obispo.  
Rome, Italy (Faenza) (2 weeks) Establish linkage between New Crop Center and FAO, Fruit Breeding Symposium. Organizational meeting of World Conference on Horticultural Research
- Amsterdam, The Netherlands (1 week) International Peat Conference. Keynote Speaker.  
Puerto de la Cruz, Tenerife, Canary Island, Spain (1 week). International Symposium on Bananas in the Subtropics. Keynote Speaker.  
Mexico City ( 1 week). Participant in CIMMYT conference on Heterosis.
- 1998 Vienna (1 week), Consultant International Atomic Energy Agency/FAO  
Italy (1 week), World Conference on Horticultural Research, chairman of Working Group on Policy, Speaker  
Japan (1 week), Nara International Symposium, Beyond the Horizon of Plant Science: Can Plant Biotechnology save the Global Crisis of Food and Environment, Speaker.
- 1999 Korea and China (2 weeks), Lecture at National Horticultural Research Institute, Suwon, Korea. Speaker for Horticultural Society for Horticultural Science at Kyung Hee University, Gyeongsang National University and Cheongang University.  
Finland and Sweden (2 weeks), Outside examiner for PhD examination in Finland.
- Portugal and Azores (1 week). Review of agricultural research at universities for the Foundation for Science and Technology for the Ministry of Science and Technology.
- 2000 Hamburg, Germany (1 week), Keynote speaker, 3<sup>rd</sup> International Crop Science Society.  
Budapest, Hungary (1 week), Speaker, Saint Stevens Days.  
Ferrara, Italy (1 week), Banquet speaker, VII International Pear Symposium.  
Trento, Italy (1 week), Speaker, ISHS Symposium on Apple Breeding for Scab Resistance.  
Cairo, Egypt (1 week), Speaker and Participant in ISHS Executive Council Meeting.
- 2001 Edmonton, Alberta, Canada (1 week). Speaker, Western Canada Conference on Medicinal and Aromatic Plants.  
Europe (3 weeks). Fumel, France. Meeting with Pepinieres Verges Escande. Cuneo, Italy. Piedmonte Asprofruit. University of Bologna, Italy. University of Padua, Italy, . Swedish University of Agricultural Science, Balsgaard, Sweden.  
Toronto, Canada (1 week). International Horticultural Congress.  
Leuven, Belgium (1 week) ISHS Board Meeting
- 2003 Mexico City, Mexico (1 week) Arnold Hallauer International symposium on Plant Breeding, Aug 17-22, Cimmyt,  
Angers, France (1 week) Eucarpia Symposium on Fruit Breeding  
Seoul Korea (1 week) ISHS Board Meeting.
2004. Pisa, Italy, (3 months, March 27 to June 1), Fullbright Distinguished Lecturer  
Travel to Florence, Naples, Catania, Bologna, Rome

Chania, Crete (1 week,) ISHS Board Meeting  
Coolum, Australia, (1 week) ISHS Board Meeting  
Lisbon, Portugal (1 week, Nov 15-21), FCT grant review, Coordinator of Evaluation and Selection Panel

- 2005 Arusha, Tanzania (1 week, January Feb. 7 – 15). ISHS Board Meeting, CRC meeting, USAID Global Initiative meeting (1 day).  
Brussels, Belgium (1 week, April 2-7) EU Panel; Leuven, (ISHS), (April 7-9); Avignon, INRA, France  
Porto, Portugal, V Congresso Ibérico Ciências Hortícolas, keynote speaker (1 week, May 20-27;  
Extremadura Spain, Cordoba, Madrid (May 28-June 6). Seminar at Institute of Sustainable Agriculture, Cordoba  
Norway, Lillhammer, ISHS Board, Oslo, Bergen, (June 21-July 5)  
Italy, Rome, ISHS Board (Nov. 29-Dec. 3); Florence, Seminar at Georgofili (Dec 3-Dec 8); Bologna, seminar (Dec 8-Dec 11); Pisa (two lectures), Dec. 11-14.
2006. China (1 week, March 29-April 8). II International Loquat Symposium, ISHS, Guangzhou and Putian  
Summerland, BC, Canada (1 week, May 13-May 18). ISHS Strategy and Board Meeting  
Turkey (1 week, July 12 –July 19) II International Apricot Symposium, Malatya, Turkey  
Korea (2 weeks, Aug. 7 to Aug 19) ISHS International Horticultural Congress, Seoul.  
Greece (1 week, Sept. 27 –October 6), International Symposium: Increasing Efficiency of Maize  
Breeding in the Genomic Era. Thessaloniki, Plenary speaker; Sept 29;  
Lecture at University of Athens, October 4.  
Portugal (1 week) December 2 – 8) Panel Chariman for FCT (Portuguese Foundatin for Science and Technology)
2007. UK (1 week, January 7 – 16) Wisley, RHS meeting, ISHS/JHSB meeting, Oxford (St. Catherine),  
Suffolk, Trustees meeting of the Journal of Horticultural Science and Biotechnology  
Albacete, Spain (1 week ) ISHS Board Meeting  
Israel (2 weeks); recipient of Honorary Degree, Hebrew Universty of Jerusaslæm, visits to Ne've  
Yaar, Golan, Rehoveth  
Brazil, Florianopolis (1 week) ISHS Board Meeting  
UK (4 days), Wessex, Juror for Wolf Prize.
2008. University of Laval, Quebec City (3 days), Distinguished Lecturer.  
Agadir, Morroco (10 days, April 5- April 17) ISHS Board Meeting  
Avignon and Paris, France May 19 to May 28 Cucurbitaceae 2008  
Plovdiv, Bulgaria, Sept. 8-14, ISHS Board Meeting.
2009. Bangkok, Thailand (April 12 –April 24 ) ISHS Board Meeting.  
Upsalla, Sweden (May 1-8 Review of Swedish Agricultural University (SLU)  
Capetown, South Africa (Sept 29- Oct. 5) ISHS Board Meeting  
Tokyo, Japan, Nov. 18-Nov. 22) European Pear Forum, Keynote  
New Delhi, Bangalore, India, Dec. 3- Dec. 9. Keynote address, World Horticultural Conference 2009)
2010. Brussels, Germany, Luxembourg, (April 18-26) ISHS Board Meeting  
Turkey, III International Symposium on Loquat. Antakya Turkey (May 3-6)  
Portugal, August 12-29, ISHS Board Meeting and 28<sup>th</sup> International Horticultural  
Congress, Lisbon. Colloquium chm and presenter.  
Romania, Dr. Honoris Causa recipient, Univesity of Agricultural Sciences and Veterinary  
Medicine Cluj\_Napoca, Sept 28-October 2, 2010.
- 2011 South Africa, Pretoria, (January 15-22, 2011), Combined Congress of South African Societies of  
Horticultural Science, Crop Production, Soil Science, and Weed Science. Keynote speaker.  
Chongqing and Shimian, China. (May 23-29) Visit to Southwest University, Chongqing and attendance at

- V National Symposium on Loquat, Shimian  
 Vicoso, Brazil. (Dec. 13-16) Celebration of 50<sup>th</sup> anniversary of the post graduation program in  
 phytotechnia.
2012. Athens, Greece, May 23-26. Presentation at the 5<sup>th</sup> International Conference on Mediterranean Studies  
 Italy (Saluzzo) and France (Angers, Agen, Avignon) (Sept 5-15),  
 Visit to inspect Purdue apples selections.
- Bento Gonçalves. October 21-25. Keynote speaker. XXII Congresso Brasileiro de Fruticultura.

## **JOURNALS AND REVIEWS**

### **Jules Janick. (Editor). HortScience. A publication of the American Society for Horticultural Science**

- Vol 5, 621 p. 1970  
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### **Jules Janick. (Editor). Journal of the American Society for Horticultural Science**

- Vol 101, 732 p. 1976  
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- Vol 1, 485 p. 1979  
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**Jules Janick, (Editor). Plant Breeding Reviews.**

Vol 1, 397 p. 1983  
Vol 2, 327 p. 1984  
Vol 3, 442 p. 1985  
Vol 4, 407 p. 1986  
Vol 5, 446 p. 1987  
Vol 6, 406 p. 1989  
Vol 7, 230 p. 1989 (The National Plant Germplasm System of the United States)  
Vol 8, 388 p. 1990  
Vol 9, 402 p. 1992  
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Vol 11, 333 p. 1993  
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Vol 19, 306 p. 2000  
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Vol 23, 365 p. 2004  
Vol 24.(Part 1), 361p.. 2004 (Long-Term Selection:Maize  
Vol 24 (Part 2), 290p, 2004. (Long-Term Selection: Crops, Animals, and Bacteria  
Vol 25, 344 p. 2005  
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Vol 28, 342 p. 2007  
Vol 29. 446 p. 2007  
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Vol. 31, 420p. 2009  
Vol. 32, 380p. 2009 Raspberry B reeding and Genetics  
Vol. 33 386p. 2010  
Vol. 34, 378p. 2011  
Vol. 35, 407p. 2012  
Vol. 36, 535p. 2012

**Jules Janick (Science Editor) Chronica Horticulturae: A publication of the International Society for Horticultural Science**

Vol. 43, 2003  
Vol. 44, 2004  
Vol. 45, 2005  
Vol. 46, 2006.  
Vol 47, 2007  
Vol 48, 2008  
Vol 49, 2009  
Vol 50, 2010  
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**Newsletter**

**Jules Janick, Editor. New Crops News**

Spring 1991, Vol 1(1), p.8  
Spring 1992, Vol 2(1), p. 8  
Spring 1993, Vol 3(1), p. 8  
Spring 1994, Vol 4(1), p. 12  
Fall 1994, Vol 4(2), p. 12

**PATENTS**

**U.S. Utility Patent**

4,204,366 Method of non-agricultural production of cotyledons. 1980  
4,291,498 Method for production of mature asexual cacao embryos, and product thereof. 1981  
4,301,619 Plant tissue produced by non-agricultural proliferation of cacao embryos. 1981  
4,426,808 Method of non-agricultural production of jojoba wax. 1984  
4,545,147 Asexual embryogenesis of callus from Theobroma cacao L. 1985  
4,615,141 Process for encapsulating asexual plant embryos. 1986

**U.S. Plant Patent**

2,434 Prima apple - 1975  
3,488 Priscilla apple - 1975  
3,988 Sir Prize apple - 1976  
4,320 Coop 14 apple - 1978  
4,321 Coop 10 apple - 1979  
4,359 Coop 12 apple - 1979  
4,322 Coop 13 apple - 1979 (Redfree)

4,379 Honeysweet pear - 1979  
 4,499 Coop 16 apple - 1980  
 4,633 Coop 22 apple - 1981 (Jonafree)  
 4,724 PRI 1773-8 apple - 1981 (McShay)  
 5,584 Coop 21 apple - 1985 (Dayton)  
 6,268 Coop 23 apple - 1986 (Williams' Pride)  
 9,193 Coop 30 apple - 1995 (Enterprise)  
 9,392 Coop 38 apple - 1995 (GoldRush)  
 9,881 Coop 32 apple – 1997 (Pristine™)  
 12,323 Coop 25 apple – 2001 (Scarlett O'Hara™ )  
 13,819 Coop 29 apple – 2003 (Sundance™)  
 13,871 Coop 33 apple – 2003 (Pixie Crunch™)  
 14,034 P448-2 pear – 2003 (Green Jade™)  
 16,759 H2-169 pear –2006 (Ambrosia™)  
 16,662 Co-op 39 apple –2006 (CrimsonCrisp™)  
 20,437 Co-op 31 apple –2009 (WineCrisp™)  
 PVP 200400143 arugula – 2011 (Adagio™)

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- Jules Janick. 1966. A CIENCIA DA HORTICULTURA. (Portuguese translation of Horticultural Science prepared by Bartholomeu da Costa Ribeiro and Jurema Soares Aroeira). USAID Brazil. 485 p.
- Jules Janick, Robert W. Schery, Frank W. Woods, and Vernon W. Ruttan. 1969. PLANT SCIENCE: AN INTRODUCTION TO WORLD CROPS. W. H. Freeman and Co., San Francisco. 629 p.
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- Jules Janick. 1972. HORTICULTURAL SCIENCE (2nd ed.). W. H. Freeman and Co., San Francisco. 586 p.
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- Jules Janick and James N. Moore (Ed.). 1975. ADVANCES IN FRUIT BREEDING. Purdue University Press, West Lafayette, Indiana. 621 p.
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- Jules Janick (Ed.). 1996. PROGRESS IN NEW CROPS. ASHS Press, Alexandria, VA, 660 p.
- Jules Janick and Anna Whipkey. 1998. NEW CROP COMPENDIUM (CD ROM), Purdue University, FAO.
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- Jung-Mung Lee, Geun-Won Choi, Jules Janick (chief editors) 2007. HORTICULTURE IN KOREA. Korean Society for Horticultural Science. 391 pages.
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| October 1986   | 2(10):3   | 83rd ASHS Annual Meeting<br>XXII International Horticultural Congress (HC) |
| November 1986  | 2(11):3   | The Financial Health of ASHS   |
| December 1986  | 2(12):3   | The ASHS Endowment Fund  |
| January 1987   | 3(1):3    | New Directions   |
| February 1987  | 3(2):6-7  | Expanding ASHS Publications  |
| March 1987     | 3(3):3    | Regional Meeting   |
| April 1987     | 3(4):12-3 | Declining Horticulture Enrollment  |
| May 1987       | 3(5):3    | Public Relations <b>50</b>   |
| June 1987      | 3(6):3    | Horticulture and Health  |
| July 1987      | 3(7):3-5  | New ASHS Office  |
| August 1987    | 3(8):3    | Getting Involved   |
| September 1987 | 3(9):3    | Dues   |
| October 1987   | 3(10):3   | Headquarters Reorganization  |
| November 1987  | 3(11):3   | Post Hortum  |

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Aug. 27, 1967. Pear Breeding. Fruit Breeding Symposium. Annual Meeting. Amer. Soc. Hort. Sci. College Station Texas.

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May 1968. Fruit Size in the Strawberry. Strawberry Research Workers Conference. Beltsville, Maryland.

Feb. 7, 1968. Response of Tomato Mutants to Population Pressure. Indiana Canning Raw Products Conference.

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Feb. 3, 1972. Sex Determination in Spinach. Seminar. University of Florida, Gainesville, Florida.

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March 22, 1973. Publish or Perish. Seminar. University of Guelph, Guelph, Ontario, Canada.

March 21, 1973. Distribution of Fruit Size in Strawberry. Small Fruit Workers Conference. Wooster, Ohio.

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Jan. 7, 1975. Tissue Culture and Crop Improvement. Seminar. Michigan State University, East Lansing, Michigan.

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March 26, 1979. Embryogenics: A New Agriculture? Horticulture Seminar. University of Arizona, Tucson, Arizona.

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May 1, 1979. Small Journal Management: Financial and Editorial Considerations. Council of Biology Editors, Charlottesville, Virginia.

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Sept. 17, 1981. History of Horticulture. Colegio do Espirito Santo, University of Evora, Portugal.

Sept. 22, 1981. History of Horticulture, Genetic Improvement of Pome Fruits, Tissue Culture and Embryogenics, Instituto Universitario de Tras-os-Montes e Alto Douro, Vila Real, Portugal.

Sept. 23, 1981. History of Horticulture, Direccao Regional de Agricultura de Entre Douro e Minho, Vila do Conde, Povia, Vairao Portugal.

Sept. 24, 1981. Genetic Improvement in Horticulture. Escola Superior Agraria de Coimbra, Portugal.

Sept. 29-30, 1981. Tissue Culture and Embryogenics, History of Horticulture. Escola Superior Agraria de Santarem, Portugal.

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Oct. 7, 1981. Tissue Culture and Embryogenics. Colegio do Espirito Santo, University of Evora, Portugal.

Oct. 8, 1981. History of Horticulture. University of Lisbon, Portugal.

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Nov. 20, 1981. History of Horticulture, Embryogenics. North Carolina State University, Raleigh.

Jan. 12, 1982. Horticulture: The Artistic Record. Indianapolis Museum of Art Horticultural Society, Indianapolis, Indiana.

May 6, 1982. What Does a Professional Editor Do. Workshop. Council of Biology Editors, Louisville, Kentucky.

Aug. 12, 1982. Horticultural Writing and Editing. The Marketing of Horticultural Information Workshop. American Society for Horticultural Science, Ames, Iowa.

Nov. 8, 1982. Horticulture and the Artistic Record. Embryogenics - A New Agriculture? Virginia Polytechnic Institute and State University. Blacksburg, Virginia.

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Nov. 12, 1982. Genetic Improvement in Fruit Crops. Opportunities in Plant Genetics and Breeding. Auburn University, Alabama.

Apr. 29, 1983. Embryogenics. Monsanto Corporation, St. Louis, Missouri.

Jun. 1, 1983. Tissue Culture. University of Evora, Portugal.

Jun. 8, 1983. Tissue Culture and Fruit Breeding. Portuguese National Fruit Station, Alcobaca, Portugal.

Jun. 28, 1983. *In vitro* Production of Seeds. American Seed Research Foundation. American Seed Trade Association Convention, San Francisco, California.

Aug. 15, 1983. Tissue Culture and Asexual Embryogenesis in Jojoba. American Society of Agronomy, Washington, D.C.

Sep. 10, 1983. Embryogenics: Utilization of Embryogenic Structures for Commercial Synthesis. DNA Plant Technology Corporation, Orlando, Florida.

Oct. 3, 1983. Food and the Origins of Agriculture. Telelecture to Food Science Class, Oregon State University, Corvallis, Oregon.

Mar. 1, 1984. Applications of Genetic Engineering to Food Production. Indiana Section of the Institute of Food Technologists, Muncie, Indiana.

Sept. 7, 1984. Discussant, Cellular Genetics Emerging Technologies: Applications to Biotechnology Product Development. DNA Plant Technology Scientific Advisory Board Meeting, Sept. 6-8, 1984, Philadelphia, Pennsylvania.

Sept. 24, 1984. Embryogenics. Horticulture Seminar, University of Illinois, Urbana, Illinois.

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Aug. 9, 1985. The Future of Tissue Culture in Horticultural Research. Ball Research Conference, St. Charles, Illinois.

Nov. 6, 1985. New Agricultural uses for Somatic Embryogenesis. Istituto Sperimentali Frutticoltura, Rome, Italy.

Nov. 12, 1985. New Agricultural Uses for Somatic Embryogenesis. Istituto di Produzione Vegetabile della Universita degli Studi di Udine, Italy.

Nov. 15, 1985. Advances in Embryogenesis. Disease Resistant Breeding of Apple and Pear. Istituto di Coltivazioni Arboree, Universita degli Studi, Bologna, Italy.

Nov. 19, 1985. Agricultural Uses for Asexual Embryogenesis. Istituto di Coltivazioni Arboree della Universita degli Studi, Pisa, Italy.

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Jan. 24, 1986. Agricultural Uses of Somatic Embryogenesis. Kew Seminar, Jodrell Laboratory, Kew Gardens, England.

Jan. 29, 1986. Metabolite Production via Somatic Embryos. Wolfson Institute of Biotechnology, University of Sheffield, England.

Feb. 4, 1986. New Horticultural Applications for Tissue Culture. Departmental Seminar. Department of Horticulture. Wye College (University of London), Ashford, Kent.

July 21, 1986. Tissue Culture of Herbs and Medicinals. 1st International Herb Growing and Marketing Conference, Lafayette, Indiana.

Aug. 1, 1986. Somatic Embryogenesis in Cacao and Jojoba. CATIE, Turrialba, Costa Rica.

Aug. 12, 1986. Publishing Research in Sociohorticulture. 22nd International Horticultural Congress, Davis, California.

Feb. 24, 1987. Embryogenics: A New Horticulture. Plant & Soil Science Building Dedication Seminar. Michigan State University, East Lansing, Michigan.

March 2, 1987. Synthetic Seed. Weyerhouser Corporation, Seattle, Washington.

April 13, 1987. Introduction to 1st International Symposium on Horticulture and Human Health. Arlington, Virginia.

April 24, 1987. Embryogenics, Horticulture Seminar. Ohio State University, Columbus, Ohio.

April 29, 1987. Prospects for Genetic Improvement of Apple. The Summerland Research Station Commemorative Symposium. Summerland, British Columbia, Canada.

July 22, 1987. John Gerard's Herball. 22nd International Herb Growing and Marketing Conference. Indianapolis, Indiana.

September 8, 1987. Darwin-Wallace. Mendel's Rediscoverers. A question of Priority or Venality in Science. Charles Darwin Society. Purdue University, West Lafayette, Indiana.

September 23, 1987. Biotechnology Applied to Cacao. CEPLAC. Itabuna, Brazil.

September 28, 1987. Agricultural uses of somatic embryogenesis. Bioplanta. Campinas, Brazil.

October 15, 1987. Embryogenics: Agricultural Uses of Somatic Embryos. Wisconsin Food Research Institute (University of Wisconsin). Chicago, Illinois.

November 3, 1987. The Future of Horticulture. Florida State Horticulture Society. Orlando, Florida.

November 11, 1987. Presidential Address. Horticulture, Science, and Society. American Society for Horticultural Science. Orlando, Florida.

December 2, 1987. Lorenzo da Ponte: Mozart's Librettist. Jewish Studies. Purdue University, West Lafayette, Indiana.

December 17, 1987. Embryogenics. Department of Pomology, University of California, Davis.

January 14, 1988. Agricultural Uses of Somatic Embryogenesis. IAV Hassan II, Complexe Agadir, Agadir, Morocco.

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February 17, 1988. Somatic Embryogenesis. University Cady Ayyad, Faculty of Sciences, Agadir, Morocco.

July 6, 1988. Publishing: Integral part of Science Research. Horticultural Research Institute of Ontario, Vineland, Canada.

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July 11, 1988. Apple Breeding: Successes and Failures. Horticultural Research Institute of Ontario, University of Guelph, Guelph, Canada.

July 13, 1988. Embryogenics of Vegetable Crops. Horticultural Research Institute of Canada, Simcoe, Canada.

September 29, 1988. Embryogenics. New York State Experiment Station, Cornell University, Geneva, New York.

September 29, 1988. The Future of Horticultural Science. Department of Pomology and Vegetable Crops, Cornell University, Ithaca, New York.

October 21, 1988. Horticulture in the Next Century. Department of Horticulture Centennial Celebration, University of Wisconsin, Madison.

November 14, 1988. Horticulture: Past, Present, Future. Stokely USA, Milwaukee, Wisconsin.

December 19-24, 1988. Course in Tissue Culture, Shaanxi Research Institute of Pomology, Yang Ling, People's Republic of China.

December 20, 1988. In Vitro Production of Plant Metabolites via Embryo Culture. Shaanxi Research Institute of Pomology, Yang Ling, People's Republic of China.

December 21, 1988. Synthetic Seed. Shaanxi Research Institute of Pomology, Yang Ling, People's Republic of China.

December 22, 1988. Apple Breeding and Tissue Culture. Shaanxi Research Institute of Pomology, Yang Ling, People's Republic of China.

December 31, 1988. Production of Synthetic Seed. Vegetable Research Center, Beijing, People's Republic of China.

June 13, 1989. History of Horticulture via the Artistic Record. Istituto di Coltivazioni Arboree, Università degli Studi, Bologna, Italy.

June 15, 1989. Production of Metabolic Products and Creation of Synthetic Seeds from Somatic Embryos. Istituto di Coltivazioni Arboree, Università degli Studi, Bologna, Italy.

July 24, 1989. Synthetic Seed Technology. The Cell Culture Revolution: New Aspects in Matrices, Media and Methods. Bioneering. Philadelphia, Pennsylvania.

September 19, 1989. Scab Resistant Apples. Interview with Kathleen Sullivan, ABC Good Morning America.

January 9, 1990. About all the Scab Resistant Apple Cultivars. Five New Coop Selections for Testing. Indiana Horticultural Congress, Indianapolis (with Jeff Crosby).

January 22, 1990. Synthetic Seed Technology, Istituto di Coltivazioni Arboree, Università degli Studi, Bologna, Italy.

January 25, 1990. Technological Change and the Future of Agriculture. Address at ceremonies for Dottore (ad honorum) Scienze Agrarie, University of Bologna, Cesena, Italy.

January 31, 1990. Synthetic Seed Technology. Biosem, Laboratoire de Biologie, Cellulaire et Moléculaire, Campus Universitaire des Cézeaux, Aubiere, (Clermont-Ferrand) France.

March 19, 1990. New Crops for Indiana. Agronomy Seminar, Purdue University.

April 20, 1990. Horticulture and Human Culture. Keynote address at National Symposium: The Role of Horticulture in Human Well-Being and Social Development. Arlington, Virginia.

July 20, 1990. Micropropagation Workshop; Concluding Summation Tissue Culture Networking/Workshop Meeting. National Research Council, BOSTID, Davis, California.

August 13, 1990. Horticulture - Yesterday, Today and the Future. Master Gardeners of Michigan. Michigan State University, East Lansing.

August 30, 1990. Development of an international directory of horticulture. Forum: Strategies for Horticulture Societies in the 1990s. XXIII Horticultural Congress, Florence, Italy.

September 19, 1990. Micropropagation of cacao. First National Congress of Plant Tissue Culture, Ambato, Ecuador.

February 18, 1991. New crops from old genes. Keynote address. Second International Symposium on Kiwifruit. Massey University, Palmerston North, New Zealand.

February 27, 1991. History of Horticultural Science. Massey University, Palmerston North, New Zealand.

February 28, 1991. History of Horticultural Science. DSIR, Mt. Albert, Auckland, New Zealand.

April 9, 1991. Agricultural uses of somatic embryos. Department of Botany and Horticulture, University of Georgia, Athens.

April 11, 1991. Agricultural uses of somatic embryos, Department of Horticulture, University of Kentucky, Lexington.

June 12, 1991. Desiccation resistance in synthetic seed. Plant Cell and Tissue Culture: Tools for Understanding Development. Gordon Research Conference, Plymouth, New Hampshire.

September 19, 1991. New Apples. Interview with Paula Zahn, ABC Good Morning America.

January 21, 1992. Oriental Pears (moderator), Indiana Horticultural Society, Indianapolis, Indiana.

March 2, 1992. New Crops Research in the United States, Ben-Gurion University, Beersheva, Israel.

November 3, 1992. Synthetic Seed: Implications for Seed Technology, Keynote Speaker 23rd International Seed Testing Congress, Buenos Aires, Argentina.

January 24, 1993. 'Enterprise' and 'GoldRush', Two new Disease-Resistant Cultivars. Disease Resistant Apple Cultivar Workshop, Hershey, Pennsylvania.

January 26, 1993. Introducing GoldRush and Enterprise; A New Series of Co-op Apples - Coop 32-38. Indianapolis, Indiana.

May 17, 1993. CO<sub>2</sub> Enrichment for Propagation of Cacao. INRA, Angers, France.

May 27, 1993. Biotechnological Studies in *Theobroma cacao* L.: Micropropagation, Gum Characterization, and Estimation of Genetic Diversity using Molecular Markers; Progress in Apple Breeding for Disease Resistance. University of Bologna, Italy.

October 20, 1993. Purdue's Apple Breeding Program. Pear and Apple Breeders Conference, Kentville, Nova Scotia.

December 20, 1993. Disease Resistant Apple Breeding. Scab and Mildew Resistant Apple Varieties. Ahrweiler, Germany.

January 26, 1994. Introducing Pristine, Another New Scab Resistant Apple: What the Variety Picture Looks Like in the '90s. Indiana Horticultural Society, Indianapolis, Indiana.

January 27, 1994. Purdue's Center for New Crops and Plant Products, New Crops for the Heartland. Indiana Horticultural Congress, Indianapolis, Indiana.

March 24, 1994. Plant Breeding. WALLA, West Lafayette, Indiana.

July 6, 1994. Disease Resistant Apple Breeding. University of Evora, Portugal.

July 7, 1994. The Future of Horticulture. Honoris causa address. Technical University of Lisbon.

July 25, 1994. PRI Scab Resistant Apples. Fleming's Nurseries, Monbulk, Australia.

July 26, 1994. Breeding Disease Resistant Apples. Knoxfield, Australia.

July 28, 1994. Breeding to Biotechnology: Keeping the Competitive Edge. Keynote address. Annual meeting of the Australian Society for Horticultural Science, Wentworth, New South Wales, Australia.

August 1, 1994. PRI Apple Cultivars. Lensworth Horticultural Center, South Australia.

August 2, 1994. Apple Breeding for Disease Resistance. The Future of Apple and Pear Breeding. Apple and Pear Growers Meeting, Lensworth Horticultural Center, South Australia.

August 4, 1994. History of Horticulture. Department of Primary Industries (DPI), Brisbane, Australia.

August 5, 1994. The Future of Fruit Breeding. Horticultural Research Station, Maroochy, Queensland, Australia.

August 8, 1994. The Future of Fruit Breeding. Granite Belt Horticultural Station, Stanthorpe, Queensland, Australia.

August 9, 1994. Apple Breeding for Disease Resistance. Applethorpe, Queensland, Australia.

August 10, 1994. Tampering with Nature. Granite Belt Horticultural Station, Stanthorpe, Queensland, Australia.

August 12, 1994. History of Horticultural Technology. Future of Fruit Breeding. University of Western Sydney, Hawkesbury, New South Wales, Australia.

August 23, 1994. Pomological education in North America. Workshop. Strategy for a Modern Pomology. XXIV International Horticultural Congress, Kyoto, Japan.

November 3, 1994. New PRI apples. 1994. Midwest Fruit Workers Meeting, Indianapolis, Indiana.

January 24, 1995. Purdue Fruit Research Update. New Apple Coops (39-44). Indiana Horticultural Society, Indianapolis.

January 26, 1995. New developments from Purdue's New Crops Center. New Specialty Crops for the Heartland. Indiana Horticultural Society, Indianapolis.

April 3, 1995. History of Horticultural Technology, Hebrew University, Rehoveth, Israel.

April 19, 1995. Disease Resistant Apple Breeding. Department of Horticulture, Cukurova University, Adana, Turkey.

April 21, 1995. History of Horticultural Technology. Department of Horticulture, Cukurova University, Adana, Turkey.

April 25, 1995. Horticultural Education in the United States, Disease Resistant Apple Breeding. Ege University, Izmir/Bornova, Turkey.

April 26, 1995. History of Horticultural Technology. Ege University, Izmir/Bornova, Turkey.

May 1, 1995. Breeding Disease Resistant Apples. Atatark Horticultural Research Center, Yalova, Turkey.

July 30, 1995. What's hot, what's not. Introduction to fads and fashions in horticultural science: Reality check. ASHS annual meeting, Montreal, Canada.

October 25, 1995. Symposium wrap-up. Third National Symposium New Crops: New Opportunities, New Technologies, Indianapolis, Indiana.

November 6, 1995. Evaluation of Purdue apples. Rocky Meadow Orchard & Company, New Salisbury, Indiana.

November 16, 1995. New Crops and New Uses for Old Crops. Farming with a Future Seminar, Flanagan, Illinois.

January 23, 1996. Impressions of Australian and Japanese Apple Industry. Indiana Horticultural Society, Indianapolis, Indiana.

January 23, 1996. Unusual and old fruits for the Midwest. New Specialty Crops for the Heartland III. Indiana Horticultural Society, Indianapolis, Indiana.

April 11, 1996. The Future of Fruit Breeding, Cornell University, Ithaca, New York.

July 9, 1996. New Crops: Agronomy and Horticulture. Domestication, Production, and Utilisation of New Crops, Southampton, England.

July 10, 1996. Conference Wrap-up. Domestication, Production, and Utilisation of New Crops, Southampton, England.

July 16, 1996. History of Botanical Illustration. Lafayette Museum of Art.

November 3, 1996. Heterosis in Horticultural Crops. Workshop on Heterosis. CSSA/ASHS, Indianapolis, Indiana.

December 8, 1996. Protection of New Cultivars. Washington Fruit Testors Association, Yakima.

December 10, 1996. Technology of Apple Improvement: Reality Check. Washington State Horticultural Association, Yakima.

December 8, 1996. Protection of New Cultivars. Washington Fruit Testors Association, Yakima.

December 10, 1996. Technology of Apple Improvement: Reality Check. Washington State Horticultural Association: Reality Check, Yakima.

January 28, 1997. New Technology and Apple Cultivar Improvement. Indiana Horticultural Society, Indianapolis, Indiana.

March 11, 1997. Prospects for Horticulture in the Next Century (keynote address). II Congresso Iberoamericano, III Congresso Iberico de Ciencias Hortícolas. Vilamoura, Portugal.

March 17, 1997. Fruit Breeding for a Sustainable Agriculture. Consejo Superior de Investigaciones Científicas, Instituto de Agricultura Sostenible, Alamed del Obispo, Cordoba, Spain.

May 16, 1997. Future of Fruit Breeding, University of Naples, Portice, Italy.

May 19, 1997. New Crop Information System. FAO, Rome Italy

August 21, 1997. Exploration of Heterosis, Uniformity and Stability Considerations. The genetics and exploration of heterosis in crops. An International Symposium. CIMMYT. Mexico City, Mexico.

September 18, 1997. Future of Fruit Breeding, Plant Breeding Program, Plant Breeding Seminar, University of Wisconsin, Madison.

October 10, 1997. Apple Breeding and Genetics (with S. Sansarini). II Symposium International on "State of the Art and Perspectives of World Genetic Improvement of Fruit Tree Species (apple, cherry, Japanese persimmon, chestnut). Faenza, Italy.

November 3, 1997. Prospects for Horticulture in the Twenty-First Century. International Peat Conference. Amsterdam, The Netherlands.

November 10, 1997. Fruit Breeding for the 21st Century. International Symposium on Banana in the Subtropics. Puerto de la Cruz, Canary Islands, Spain.

January 11, 1998. New Crop Information System. Farm Bureau Showcase. Charlotte, North Carolina.

January 27, 1998. Apples for the 21st Century. New Apple Variety Panel. 1998 Indiana Horticultural Congress, Indianapolis.

June 19, 1998. Policy Issues in Horticultural Research Funding. World Conference on Horticultural Research. Rome, Italy.

June 28, 1998. Methods to Obtain New Crops: The Other Horticulture's Approach. Seeley Conference. Cornell University. Ithaca, New York.

July 14, 1998. Horticultural Illustration and the Artistic Record; Botanical and Herbal Illustration. Annual Meeting of the American Society for Horticultural Sciences. Charlotte, NC.

July 15, 1998. New Crop Development. Annual Meeting of the American Society for Horticultural Science. Charlotte, NC.

August 3, 1998. New Crop: A Web-Based Resource for Crop Improvement Emphasizing New and Specialty Crops. Int. Hort. Congress, Brussels, Belgium.

September 21, 1998. Problems in National and International Research Policy-Tropical Studies. Purdue University.

October 28, 1998. The Search for New Food Resources. 1998. Nara International Symposium, Nara, Japan.

December 10, 1998. Is the Creation of Orphan Crops a Necessary By-Product of the Privatization of Science. Int. Agr. Seminar (with Ray Bressan and Larry Murdock)

January 20, 1999. Introducing Scarlett O'Hara apple. 1999 Indiana Horticultural Congress. Indianapolis, IN.

February 10, 1999. New releases from the PRI Breeding Program. Ohio Fruit Growers Society, Cincinnati, OH

April 6, 1999. Apple breeding. Midwest Apple Improvement Association Board meeting. New Salisbury, IN.

May 27, 1999. Programs in Apple Breeding, National Horticultural Research Institute, Suwon, Korea.

May 28, 1999. New Crops and the Search for New Food Resources, Plenary Lecture, Spring Meeting of the Korean Society for Horticultural Science, Kyung Hee University, Suwon, Korea.

June 1, 1999. History of Horticultural Technology, Gyeon Gsang National University, Korea.

June 2, 1999. Keynote Address, New Crops and the Search for New Food Resources, Chonnam National University, Korea.

July 6, 1999. New Crops and New Resources. Agricultural Research Center of Finland. Plant Production Research Jokionen.

January 25, 2000. New Apple Co-ops, Photo-ops, and Flops. 2000 Indiana Horticultural Congress. Indianapolis, Indiana.

February 10, 2000. Recent Apple Releases and Selections From the PRI Program. Ohio Fruit and Vegetable Growers Congress. Cincinnati, Ohio.

April 24, 2000. History of Horticultural Science: Reflections from the Artistic Record. Beach Lecture. Iowa State University, Ames, Iowa.

July 26, 2000. Asian Crops in North American Horticulture. ASHS Annual Meeting, Orlando, Florida.

August 21, 2000. Designing New Crops and Cropping Systems for the Future (Master Class). 3<sup>rd</sup> International Crop Science Congress (ISC). Hamburg, Germany.

August 22, 2000. New Crops for the Twenty-First Century. 3<sup>rd</sup> International Crop Science Congress (Keynote). Hamburg, Germany.

August 24, 2000. New Crops for the Twenty-First Century. Szent István Egyetemi Napok. Budapest, Hungary.

August 25, 2000. NewCROP: A Web-Site Resource for Crop Information. Szent István Egyetemi Napok. Budapest, Hungary.

September 5, 2000. The Pear in Art and Popular Culture. VII International Pear Symposium. Ferrara-Bologna, Italy.

September 14, 2000. History of the PRI Apple Breeding Program. ISHS Symposium on Apple Breeding for Scab Resistance. Trento, Italy.

October 29, 2000. Ancient Egyptian Agriculture and the Origins of Horticulture. ISHS Symposium in Mediterranean Horticulture and also at the Center Laboratory for Agricultural Climate Agriculture Research Center, November 1., Cairo, Egypt

January 31, 2001. Crop Map and New Crop. 2001 Indiana Horticultural Congress, Indianapolis.

January 31, 2001. GoldRush: It's place in Midwest Apple Industries. Indiana Horticultural Congress, Indiana.

March 5, 2001. The Potential for New Crops, Growing Global, Organic and New Crop Opportunities. 5<sup>th</sup> Annual Western Canada Medicinal and Aromatic Plants Conference, Edmonton, Alberta, Canada.

October 22, 2001. Breeding apples for scab resistance. Asprofruit Convegno. Salone Asprofruit, Lagnasco CN Italy.

October 26, 2001. Biodiversity in Agriculture and Research on the New Agro-industrial crops. National Academy of Agriculture, Palazzo dell' Archigennasio, Sala Rionioni dell' Academia, Piazzo Galvani I, Bologna, Italy.

October 30, 2001. New Crops and Agricultural Diversity. University of Padua, Italy.

November 8, 2001. Update on PRI apple breeding Program. Midwest Apple Improvement Association. Dawes Arboretum, Newark, Ohio.

November 27, 2001. New Crops Overview. New Crops and Animal Products Workshop. Southern Illinois University, Carbondale, Illinois.

January 29, 2002. Introducing 'Sundance' and 'Pixie Crunch' Apples and 'Green Jade' Pear. 2002 Indiana Horticultural Congress, Indianapolis, Indiana.

January 30, 2002. Developing New Crops: Mediterranean Crops. 2002 Horticultural Congress, Indianapolis, Indiana.

March 27, 2002. Jews, Pork and History. Jewish Studies, Purdue University.

June 27, 2002. Future of Fruit Breeding. Richard L. Lower Colloquium. University of Wisconsin, Madison.

August 15, 2002. History of Asian Horticultural Technology. World Horticultural Congress, Toronto, Canada.

January 28, 2003. Arugula Production Rocket Science. 2003 Indiana Horticultural Congress, Indianapolis Indiana.

August 21, 2003. The Origins of Fruit Culture and Fruit Breeding. Hallauer Symposium on Plant Breeding, Mexico City.

September 1, 2003. Genetic Alterations Associated with the origins of Fruit Culture. Eucarpia Symposium on Fruit Breeding and Genetics. Angers, France.

October, 3, 2003. Horticulture, Horticultural Science, and 100 Years of ASHS. William A. "Tex" Frazier Lecture, Centennial Meeting, American Society for Horticultural Science, Providence, Rhode Island.

October 4, 2003. Fruit Breeders: PRI, South Dakota, Minnesota. Fruit Breeders of the Past 100 Years. Fruit Breeding Working Group Workshop. Centennial Meeting, American Society for Horticultural Science, Providence, Rhode Island

October 23, 2003. Caravaggio's fruits: Mirror on Baroque Horticulture. Purdue University, Horticulture and Landscape Architecture Seminar.

November 13, 2003. Caravaggio's Fruits: Mirror on Baroque Horticulture. Purdue University, Purdue University, Art History Student Organization, Visual and Performing Arts.

January 27, 2004. Introducing Adagio, A Slow-bolting Arugula. 2004 Indiana Horticultural Congress, Indianapolis, Indiana.

January 14-15,, 2004 Anna Whipkey and Jules Janick The Mint Virtual Library. Poster presented at the 7<sup>th</sup> annual meeting of the Mint Industry Research Council, Las Vegas, Nevada

January 31,, 2004. The Case for New Crops. 2004. 2004 Young Farmer Conference, Indiana Farm Bureau, Indianapolis, Indiana.

February 12, 2004. Art and Horticultural Technology. Art History Seminar. Purdue University.

April 2, 2004. Horticulture and Horticultural Science: 10,000 Years of Change. National Academy of Agriculture, Bologna, Italy

April 21, 2004. Caravaggio's Fruits: Mirror on Baroque Horticulture. Scuola Superiore Sant'Anna, Pisa, Italy

April 29, 2004. Caravaggio's Fruits: Mirror on Baroque Horticulture. University of Bari, Italy  
Arugula Research Studies. CNR, University of Bari, Italy

May 12, 2004. The Origins of Fruits, Fruit Culture, and Fruit Breeding, Scuola Superiore Sant'Anna, Pisa, Italy

May 14, 2004. Caravaggio's Fruits: Mirror on Baroque Horticulture. University of Naples, Federico II, Portici, Italy

May 19, 2004. The Case for New Crops. Scuola Superiore Sant'Anna, Pisa, Italy.

May 20, 2004. Caravaggio's Fruits: Mirror on Baroque Horticulture. Palazzo Marchesini, University of Bologna, Italy

May 21, 2004. The Origin of Fruit Tree Species. Facolta' di Agraria, Universita' Degli Studi di Bologna, Italy

August 16 , 2004. Caravaggio's Fruits; Mirror on Baroque Horticulture  
 Origins of Fruits, Fruit Culture, and Fruit Breeding  
 Scab Resistant Apple Breeding: A Half Century of Progress  
 2004 Combined Annual Meeting of the Northern Nut Growers Association and the  
 North American Fruit Explorers.

August 24, 2004. Caravaggio's Fruits: Mirror on Baroque Horticulture. Maroochy Research Station, Queensland, Australia

September 1, 2004. The Future of Horticultural Crop Breeding. Joint Regional Horticultural Conference (Harnessing the Potential of Horticulture in the Asian-Pacific Region), Coolum, Queensland, Australia.

September 27, 2004. Caravaggio's Fruits: Mirror on Baroque Horticulture. Cornell University Centennial Lecture Series., Ithaca, NY.

October 21, 2004. Caravaggio's Fruits: Mirror on Baroque Horticulture. North Central Regions (NCR) 22 meeting. Indianapolis, Indiana

November 13, 2004. Caravaggio's Fruits: Mirror on Baroque Horticulture. Midwest Apple Improvement Association. Dawes Arboretum, Ohio

November 17, 2004. Caravaggio's Fruits: Mirror on Baroque Horticulture. Technical University of Lisbon, Portugal.

December 6, 2004. Cupid and Psyche: Fables and Festoons. Purdue University North Central. Westville, Indiana

December 6, 2004. Caravaggio's Fruits: Mirror on Baroque Horticulture. Valparaiso University, Valparaiso, Indiana

January 25, 2005 The History of Herbals;  
 Adagio: Late-Bolting Arugula, Introducing 'CrimsonCrisp' Apple and 'Ambrosia' Pear,  
 Indiana Horticultural Congress and Trade Show. Indianapolis

March 23, 2005. Cupid and Psyche: Fables and Festoons The Kermit A. Olson Memorial Lecture, Department of Horticultural Science. University of Minnesota, St. Paul.

April 11, 2005 Cupid and Psyche: Fables and Festoons. INRA Centre de Recherches d'Avignon. Séminaire à Saint Maurice, France.

April 14, 2005 Cupid and Psyche: Fables and Festoons  
 Horticulture Seminar, Horticulture Building, Purdue University  
 Art History Seminar, Krannert, Purdue University

May 25, 2005. Cupid and Psyche: Fables and Festoons. V Congresso Iberico de Ciencias Horticolas. Porto, Portugal.

June 2, 2005. Caravaggio's Fruits: Mirror on Baroque Horticulture. Instituto de Agricultura Sostenible, CSIC; Escuela Superior de Ingenieros Agronomos, University of Cordoba, Cordoba, Spain,

July 19, 2005. Genetic Alterations Associated with the Domestication of Fruits. ASHS Annual Meeting. Los Vegas, Nevada.

July 19, 2005 Fruits of the Bible. ASHS Annual Meeting. Los Vegas, Nevada

July 21, 2005. Fruit Exploration from Antiquity to the Eighteenth Century. ASHS Annual Meeting. Los Vegas Nevada.

Sept. 9, 2005. Cupid and Psyche: Fables and Festoons. Keynote address, California Rare Fruit Growers (CRFG) & North American Fruit Explorers (NAFEX) annual meeting. Santa Cruz, California

Sept. 29, 2005. Caravaggio's Fruit: Mirror on Baroque Horticulture. Coyne Memorial Lecture, Lincoln, Nebraska

Sept. 30, 2005. Cupid and Psyche: Festoons and Fables, Coyne Memorial Lecture, Lincoln, Nebraska

Oct. 18, 2005 Cupid and Psyche: Festoons and Fables, Cornell University, New York Agricultural Experiment Station, Geneva, New York.

Oct. 19, 2005. Cupid and Psyche: Festoons and Fables, Cornell Plantations Class of 1938 endowed lecture, Cornell University, Ithaca, New York.

Nov. 12, 2005. History of the PRI apple breeding program. NEC 1099 and MAIA (Midwest Apple Breeding Improvement Program). Indianapolis, Indiana.

Dec. 6, 2005. Plants and Health: From Ancient Egypt to the Present. Accademias dei Georgofili, Logge Uffize Corti Florence, Italy

Dec. 9, 2005. Cupido e Psiche, Decorazioni di Festoni e Fregi in Ville Romane: Aspetti Artistici, Semiologici e Pomologici. Facolta di Agraria, University of Bologna, Viale Fanin 44, Bologna. Italy

Dec. 12, 2005 Cupid and Psyche: Fables and Festoons. An Analysis of Genetic Diversity in the Renaissance. Facolta de Agraria, Universita di Pisa, and Scuola Superiore Sant'Anna, Pisa, Italy

Dec. 13, 2005. Origin of Fruit, Fruit Culture, and Fruit Breeding: Genetic Changes Associated with Fruit Domestication. Facolta de Agraria, Universita di Pisa, and Scuola Superiore Sant'Anna, Pisa, Italy

January 23, 2006. Introduction to the Workshop: Hoosier Botanicals, Indiana Horticultural Congress & Trade Show, Indianapolis, Indiana.

March 7, 2006. The First Images of Maize in Europe. 42<sup>nd</sup> Annual Illinois Corn Breeders' School. University of Illinois, Urban-Champagne.

April 1, 2006. Welcoming Address: An Introduction to the International Society for Horticultural Science. The Second International Symposium on Loquat. Quanzhou, China

April 1, 2006. Keynote Address; Genetic Changes Associated with the Domestication of Fruits. Second International Symposium on Loquat. Quanzhou, China.

April 16, 2006. Genetic Changes Associated with the Domestication of Fruits. Second International Symposium on Loquat. Putian, China

April 6, 2006. Cupid and Psyche: Renaissance Art and Horticulture; Putian University, Putian, China

June 6, 2006. Cupid and Psyche: Fables and Festoons. The Use of Information from Renaissance Art to Provide Information on Genetic Diversity and Crop Dispersal. Plant Genetic Resources Conferences, North Central Region, Plant Introduction Station. Ames Iowa.

June 8, 2006. Cupid and Psyche: Fables and Festoons (An Historical Horticultural Analysis). Michigan State University, East Lansing.

July 27, 2006. [Marie-Christine Dauny, Jules Janick, and Henri Laterrot.] Iconography of Solanaceae: Antiquity to the 17<sup>th</sup> Century. Solanaceae 2006, Madison, Wisconsin.

August 14, 2006. Opening Colloquium Address: The Origins of Horticultural Technology and Science, 27<sup>th</sup> International Horticultural Congress, Seoul, Korea

August 14, 2006. Art as a Source of Information on Horticultural Technology, Workshop, Art and Horticulture; East and West. 27<sup>th</sup> International Horticultural Congress, Seoul, Korea.

August 15, 2006. Preparing Better Manuscripts. Workshop. 27<sup>th</sup> International Horticultural Congress, Seoul, Korea.

September 21, 2006. Old World Cucurbits in Plant Iconography of the Renaissance. Cucurbitaceae 2006, Asheville, North Carolina

September 21, 2006. Jonah and the “Gourd” at Nineveh: Consequences of a Classic Mistranslation. Proc. Cucurbitaceae 2006, Universal Press, Raleigh, North Carolina p 349-357.

September 29, 2006. The First Images of Maize in Europe. Plenary address, International Symposium: Increasing Efficiency of Maize Breeding in the Genomic Era, Thessaloniki, Greece.

October 4, 2006. Cupid and Psyche: Fables and Festoons. University of Athens, Greece

October 17, 2006. Art as a Source of Information in Genetic Diversity.. Banquet Address .Sixth New Crop Symposium Creating Markets for Economic Development of New Crops and New Uses, San Diego, California

October 19, 2006. Cupid and Psyche: Fables and Festoons. Department of Horticulture, University of Connecticut, Storrs.

October 20, 2006. Art as a Source of Information on Horticultural Technology. Donald N. Maynard Endowed Lecture in Plant Science. University of Connecticut, Storrs.

November 10, 2006. The Fruits of Caravaggio: Mirror on Baroque Horticulture. Symposium: Natura Morta; Still-Life Painting and the Medici Collections and Caravaggio Still Life with Fruit on a Stone Ledge. The College of William & Mary. Williamsburg, Virginia.

January 8, 2007. Cupid and Psyche: Fables and Festoons. Royal Horticultural Society, Wisley, UK

January 11, 2007. Cupid and Psyche: Fables and Festoons. Plant Science Department, University of Oxford, UK

March 11, 2007. Art as a Source of Information on Horticultural Technology. Midwestern America Collegiate Horticultural Society. Purdue University, West Lafayette, Indiana.

May 2, 2007. Cupid and Psyche: Fables and Festoons. Friends of the Library Travel Series. West Lafayette, IN.

June 3, 2007. Horticultural Advances and Israel. Hebrew University, Mount Scopus, Israel

June 4, 2007. Cupid and Psyche: Fables and Festoons. The Volcani Center, Bet Degan, Israel.

June 7, 2007. Art as a Source of Horticultural Information. Hebrew University of Jerusalem, Faculty of Agriculture,

Rehovot, Israel

June 7, 2007. Crop Diversity: The Case for New Crops. Hebrew University of Jerusalem, Faculty of Agriculture, Rehovot, Israel

September 24, 2007. Jonah and the “Gourd” at Nineveh: Consequences of a Classic Mistranslation. American Friends of the Hebrew University of Jerusalem, Chicago, Illinois.

November 10, 2007. Fifty Years of Apple Breeding; A Perspective. Midwest, Apple Improvement Association. Dawes Arboretum, Newark, Ohio.

February 14, 2008. What did the Emperor Tiberias Grow in his Greenhouse; Reflections on Horticulture and Art. Department of Horticulture Seminar, Purdue University.

March 27, 2008. Looking Backward, Looking Forward: A Career in Horticulture. Centre de Recherché en Horticulture, Laval University, Quebec City, Quebec

May 21, 2008, What the Roman Emperor Tiberius Grew in his Greenhouses. Cucurbitaceae 2008, Avignon, France

June 3, 2008. Cupid and Psyche, Fables and Festoons, Master Gardeners, Tippecanoe County Master Gardener Association, Lafayette, Indiana

July 21, 2008. What did the Emperor Tiberius Grow in his Greenhouse. ASHS Meeting, Orlando, Florida

November, 1, 2008. Reflections on the Protection and Promotion of New Apple Cultivars: “Pixie Crunch” and ‘CrimsonCrisp” Midwest Apple Improvement Association Meeting, Dawes Arboretum, Heath, Ohio

January 9, 2009 Art as a Source of Information on Horticultural Technology. Library Dedication. University of Florida. Gainesville.

March 11, 2009. Jonah, the whale and Gourd at Nineveh. Jewish Studies Program. Purdue University, West Lafayette, IN

June 10, 2009. Lectures on Origin of Fruit Crops, Apple Breeding, Fables and Festoons. AGRY 550 Plant Breeding. Agronomy Department, Purdue University

June 20, 2009. Fruit and Nuts: Origins, Iconography, History. (Keynote speaker) 100<sup>th</sup> Anniversary Meeting. Northern Nut Growers Association Purdue University, West Lafayette, IN

September 23, 2009. Agriculture and Culture in Pre-Columbian America. Tippecanoe County Library

October 9, 2009. Fruits and Nuts: Origin, History, Iconography. Unappreciated Fruits Symposium. Oregon State University, Corvallis

November 9, 2009. Horticulture and Health: Ancient and Medieval Views. Keynote address. International Conference on Horticulture-2009. Bangalore, India.

November 11, 2009. Vegetable Production, Breeding, and the Seed Industry. Challenges and Opportunities in Horticulture.; Future Thrusts and Recommendations. Conference on Horticulture 2009. Bangalore, India

November 20, 2009. History of Pear. Keynote. European Pear Forum. Tokyo, Japan.

February 3, 2010. Cupid and Psyche: Fables Festoon, and Genetic Diversity in the Renaissance. Texas A&M., College Station.

March, 3, 2010. Amazon Adventury, Department of Horticulture, Purdue Univesity.

April, 28. 2010. Taj Mahal: Gardens the Imagination. Art History Association, Purdue University.

May3, 2010. Predictions for loquat improvement in the next decade (keynote address). II International Loquat symposium, Antakya Turkey

May 4. 2010 Predictions for loquat improvement in the next decade (keynote address). II International Loquat symposium, Tarsus, Turkey

Augustm 2010. Taj Mahal,: Gardens of the imagination. ASHS annual meeting, Desert Springs, California (Delivered by Paul Sicliano)

August 24, 2010. Taj Mahal: Gardens of the Imagination. International Horticultural Congress, Lisbon.

August 26, 2010,, Introduction to the Colloquium, Iberian Encounter with America and Asia: Exchange of Horticulturalplants; Evidence for New World Plans in Europe and Asia for the Artistic Record

October 29, 2010. The Artistic Record: Art as a Source of Inforamtion on Agricultural Technology. Remarks upon receiving Honorus Causa, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania

January 7, 2011. Fruit Breeding: Past, Present, and Fugure. Keynote Address Combined Congress, South African Society of Crop Production, The Soil Science Society of South Africa, The Southern African Weed Science Socierty, and the Sothern African Society for Horticultural Science.

January 28, 2011, Taj Mahal: Gardens of the Imagination. University of Pretoria, South Africa.

March 20, 2011. Passage to India. Department of Horticulture. Purdue University.

May 24, 2011 Fruit Breeding: Past, Present, and Future. Northwest Agricultural University. Beibei, Chongqing, China

May 26, 2011.Keynote address. Fruit Breeding: Past, Present, and Future + The III Interantioanl Loquat Sympoium of Loquat,Antakya, Turkey. The V<sup>th</sup> Chinese Loquaat Symposium, Shimian, China

September 25, 2011. Introduction to the Workshop: History of Hawaiiin Pomology. Waikoloa, Hawaii

September 26, 2011. The Julliana Anicia Codex: 1500 Year Annivefrsary (412-2012) of a Dioscoridean Recension.ASHS Annual Meetingt, Waikoloa, Hawaii.

December 14, 2011, Vicoca and UREMG, 1963-1965. Dept. of Phytotecnia, Federal University of Viçosa

December 15, 2011. Remarks of the 50<sup>th</sup> Anniversary of the Graduate Program at UFV, Viçosa Brazil., Federal University of Viçosa, Brazil.

January 18, 2012. Purdue's Scab Resistant Apple Breeding Program: Progress & Potential. Indiana Hort Congress, Indianapolis.

March 5. 2012. Festoons and Fables. Arnold Arboretun, Harvard University, Boston MA.

March 5, 2012. Art as a Source of Information on Horticultural Technology, Arnold Arboretum, Harvard University,

Boston, MA.

April 5, 2012. Ancient Greek Illustrated Dioscoridean Herbals: Origins and Impact of the *Juliana Anicia Codex* and the *Codex Neapolitanus*. 5<sup>th</sup> International Conference on Mediterranean Studies

April 18, 2012. Early Images of America: Revelations of the Drake Manuscript. Sponsored by Art History, Horticulture, & Latin American Studies, Purdue University.

August 1, 2012. Development of New World Crops by Indigenous Americans. ASHS Annual Meeting, Miami, Florida

August 2, 2012. Relation of the Juliana Anicia Codex and the Codex Neapolitanus: Ancient Greek Illustrated Dioscoridean Herbals. ASHS Annual Meeting, Miami Florida

August 7, 2012. Origins and Future of Fruit Breeding. National Association of Plant Breeders banquet. Indianapolis, Indiana

August 14, 2012. Early Images of America: Revelations of the Drake Manuscript. Iowa State University, Ames.

September 14, 2012. Early Images of America: Revelations of the Drake Manuscript. INIA, Monfavet, France

October 22, 2012. Melhoramento de Fruteiras: Passado, Presente e Futuro. (Fruit Breeding: Past, Present, and Future). Keynote Lecture. XXII Congresso Brasileiro de Fruticultura. Bento Gonçalves, Brazil