

## CURRICULUM VITAE OF PAMELA C RONALD

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### Education:

1981 Diploma in French Language Studies, University of Strasbourg, France,  
1982 B.A., Reed College, Portland, Oregon, Biology  
1984 M.A., Stanford University, Biology,  
1985 M.S., University of Uppsala, Uppsala, Sweden, Plant Physiology  
1990 Ph.D., UC Berkeley, Molecular and Physiological Plant Biology  
1990-1992 Postdoctoral Fellow, Department of Plant Breeding, Cornell University

### Program and Project Management Experience:

- Established and managed academic, research and business partnerships
- Developed long-range business, academic and research strategic plans
- Established and led multi-disciplinary, multi-institutional research programs in bacterial and plant genetics, genomics, bioenergy, proteomics and molecular cell biology
  - Principal investigator or CoPI on 30 federal and international grants (NIH, USAID, DOE, NSF, and USDA) grants totaling \$150,000,000 (\$12,475,362 to Ronald lab).

### Academic Positions:

2007-present Biologist Scientist Faculty, Physical Biosciences Division at Lawrence Berkeley National Laboratory  
2004-2007 Faculty Assistant to the Provost  
2002-present Professor, Department of Plant Pathology, UC Davis  
-2002 Associate Professor, Department of Plant Pathology, UC Davis  
2000 Visiting Scholar, INRA-CNRS, Castanet-Tolosan, France  
-1997 Assistant Professor, Department of Plant Pathology, UC Davis  
1984-1985 Visiting Scholar, Inst. Phys. Botany, University of Uppsala, Sweden  
1983-1984 Research Assistant, Department of Biology, Stanford University, CA

### Other Positions

2007-present Director Grass Genetics, Joint Bioenergy Institute  
2006-present Faculty co-Director of UC Davis/Chevron \$25 M research program  
2004-present Chair, UCD Plant Genomics Program  
2006-present Co-Chair, UC Davis Bioenergy Group  
2003-2006 Chair, American Society of Plant Biology Public Affairs Committee  
2006-present Assistant Mediator, UC Davis Mediation services  
1998-2000 Founder and CEO, Tellus Genetics, Davis, CA. Became Maxygen subsidiary, (now part of Dupont)

### Honors, Awards and Fellowships

2008-2009 Fulbright Distinguished Chair in the Natural Sciences and Engineering  
2007 Consultative Group on International Agricultural Research Science Award for Outstanding Scientific Article  
2007-2008 Fellow, Japan Society for the Promotion of Science  
2006 Fellow, American Association for the Advancement of Science  
2006-2007 Fellow, Davis Humanities Institute

2004 Gamma Sigma Delta  
 2004 Davis Aquatic Masters Swimmer of the month  
 2002-2005 Honorary Scientist at the National Institute of Ag Biotechnology, Korea  
 1999-2000 John Simon Guggenheim Fellow  
 1990-1992 National Institute of Health Postdoctoral Fellowship, Cornell University.  
 1988-1990 California Biotechnology Fellowship, University of California, Berkeley.  
 1985-1986 McKnight Training Grant Fellowship in Plant Biology, UC Berkeley.  
 1984-1985 Fulbright Fellow, Inst. Physiological Botany, University of Uppsala, Sweden.  
 1982 Exxon Student Scholarship, Bermuda Biological Station.

#### **Professional Trainings:**

2007 Ethics Training  
 2006 Sexual Harrassment training  
 2006 Media training workshop  
 2006 Faculty Mediation training workshop  
 2004 The UC Davis Leadership Program  
 1992 Teacher Training workshop, Cornell University  
 1992 Management Training workshop, Cornell University

#### **Editorial Boards/Advisory Boards:**

2008-present Member, Scientific Advisory Board for the NSF Plant Genome Research Program Project "A Plant Interactome Network Map" (Vidal/Ecker, PIs)  
 2008-present Chair, Scientific Advisory Board, West Coast Biorefinery  
 2007-present Member, Scientific Advisory Board, Targeted Growth Inc.  
 2007-present External reviewer for the CGIAR's Generation Challenge Program  
 2007-present Editorial Board, RICE  
 2007-present Editorial Board, Journal of Plant Biology  
 2007 Scientific Advisory Board, World Bank 2008 World Development Report  
 2006-2007 Scientific Advisory Board, Pacific Ethanol on biofuels  
 2006-present Editorial Board, Molecular Plant  
 2005-present Scientific Advisory Board, U.C. Davis Genome Center  
 2005-present Editorial Board, Plant Physiology  
 2005-present Scientific Advisory Board, Zhejiang University Agricultural Institute  
 2004 Reviewer for NIH Cell Development and Function 3 study section  
 2004 Reviewer for the Gates Foundation and the Foundation of the NIH  
 2003 Panel member. National Science Foundation: Integrative Plant Biology  
 2003-2006 Scientific Advisory Board, USDA International Food and Agricultural Systems: Public goods and University- industry relationships in agricultural biotechnology  
 2003-present Scientific Advisory Board, National Science Foundation MPSS project  
 2003-2005 Editorial Board, Transgenic Research  
 2003-2005 Editorial Board, Molecular Plant Microbe Interactions  
 2002-present Scientific Advisory Board, UCD ArrayCore facility  
 2002 Reviewer for the American Association for the Advancement of Science Newcomb Cleveland Prize  
 2002-2005 Editorial Board, Molecular Plant Pathology  
 2001-2005 Scientific Advisory Board, NIH Minority Biomedical Research Support program  
 1999-2001 Scientific Advisory Board, Exelixis Plant Sciences  
 1997-2002 Editorial Board, Planta  
 1995 Scientific Advisory Board, Monsanto program in plant disease resistance

#### **Symposia and Conferences Organized:**

2008 Member, International organizing committee for the 5th International Symposium of Rice Functional Genomics. Jeju, Korea  
 2007 Chair of the Plant genomics Program Annual Retreat, Davis

- 2007 Member, International organizing committee of the Congress of the Society of Innate Immunity, Turkey
- 2007 Member, International organizing committee for the 5th International Symposium of Rice Functional Genomics. Japan
- 2002, 2004, 2005, 2006, 2007 Chair of the Consortium of Women and Research Committee Distinguished Woman Scientist Symposium
- 2006-08 Member, International Program Committee Member of the International Genetics Congress, Berlin, 2008
- 2006 Member, International organizing committee for Fourth Annual International Rice Functional Genomics Meeting, Montpellier, France
- 2006, 2008 Chair, of the first and second biennial Charley Rick Symposiums. Davis, CA
- 2006 Chair of Plant Genomics Program Distinguished Speaker (2006 invited speaker was author Michael Pollan)
- 2006 Chair and moderator of the College of Agricultural and Environmental Science panel discussion on food, farming and genetics
- 2005 Member, International organizing committee for third Annual International Rice Functional Genomics Meeting, Tucson, Arizona
- 2005 Co-organizer with Doug Cook of the Plant Genomics Program Annual Retreats
- 1993, 2000 Chair of the Bay Area Plant-Microbe meetings. University of California, Davis.

**Other professional service:**

- 2008-present Faculty trainer, NSF REACH IGERT (REsponding to RApid Environmental CHange)
- 2007-present coPI, NEF IGERT-CREATE (Collaborative Research and Education in Agricultural Technologies and Engineering)
- 2007-present Member, UC Davis Energy Institute steering committee
- 2007 ASPB Stephen Hales Prize Committee
- 2006-2007 Chair, Gardens Art and the Environment Task Force
- 2006 Member, Plant Pathology search committee
- 2005 Faculty focus group liaison for Associate Vice Chancellor of Human Resources
- 2005 Chair, Provost's faculty committee on FTE proposal review
- 2006 Chair, UC Davis Research Integrity Committee
- 2006-present Member, organizing committee for the Campus Community Book Project
- 2000-present Member and Chair, American Society of Plant Biology Public Affairs Committee
- 2006 MentorNet Community member: An E-Mentoring Network for Diversity in Engineering and Science.
- 2005 Member, Consortium for Women and Research Director search committee
- 2004 Chair, UCD Plant Genomics Strategic Planning committee
- 2004 Member, UCD-Young Scholars Program advisory committee
- 2003-2005 Member, Genetics Graduate Group Admissions committee
- 2003-2005 Member, US Rice Genetic Stocks Center Steering Committee
- 2003-present Member, International Rice Functional Genomics Consortium Steering Committee
- 2002-2004 Member, UCD Plant Biology Graduate Fellowships committee
- 2002-present Member, Consortium of Women and Research advisory committee
- 2001-2003 Member, Plant Pathology graduate affairs committee
- 2001-present Member, UC working group Linking Research and Education in Agricultural and Environmental Biotechnology
- 1999-present Member, UC Davis CONNECT Scientific advisory board for encouraging the University's participation in the economic development of the Sacramento region.
- 2000 President (3 months), vice-president (9 months) and chair of management and finance (12 months) on the Davis Aquatic Masters' board of directors, serving 500 swimmers in the Davis community.
- 1997 Graduate advisor in biochemistry and molecular biology

- 1997 Reviewer for the MacArthur Foundation
- 1995,96 Member, USDA-Competitive Research Grants Program Panel- Plant Pathology
- 1996 Founder, Genetic Resources Recognition Fund to recognize contributions of developing nations to successes in biotechnology
- 1996 Expert witness, Santa Clara county on plant DNA evidence
- 1996 Expert witness, Nevada county district attorney.
- 2001 Member, executive committee for the NSF funded Center for Engineering Plants for Resistance Against pathogens
- 1996-1997 Chair, graduate student recruitment committee for genetics graduate group
- 1997 Chair, genetics graduate group rotation program.
- 1995 Member, steering committee for the Expanding Your Horizons program for 800 7th and 8th grade girls

### **Professional Society Memberships:**

- American Phytopathological Society
- American Society of Plant Biologists
- International Society for Molecular Plant-Microbe Interactions
- American Association for the Advancement of Science

### **Publications:**

#### **Creative Non-fiction, Key Reviews and Perspectives:**

- Ronald P. 2008. The New Organic. The Boston Globe, March 16th. Gareth Cook, Editor, Ideas.
- Young-Su Seo, Sang-Kyu Lee, Min-Young Song, Jung-Pil Suh, Tae-Ryong Hahn, Pamela Ronald, and Jong-Seong Jeon. 2008. The HSP90-SGT1-RAR1 Molecular Chaperone Complex: a Core Modulator in Plant Immunity. *Journal of Plant Biology*. 51:1-10.
- Ronald P, An G and Jung K. 2008. Towards A Better Bowl of Rice: Assigning biological function to 60,000 rice genes. *Nature Review Genetics*. 9:91-101.
- Ronald P and Adamchak R. 2008. Tomorrow's Table: Organic Farming, Genetics and the future of food. 2008. Oxford University Press.
- Ronald P. 2004. Food for the Gods. *Science* 304:1112-1113.
- Ronald P. 1997. Making Rice Disease Resistant. *Scientific American*, 277:100-105.
- Ronald P and H. Leung. 2002. The Most Precious Things Are Not Jade and Pearls. *Science* 296, 58-60.
- Ronald P. 1998. Resistance Gene Evolution. *Current Opinions in Biology*. 1:294-298.

#### **Other Peer-Reviewed Scientific Publications:**

82. Han SW, Parke CJ, Lee SW, Ronald P. 2008. Expeditious methods for bacterial visualization and growth measurement in planta using fluorescent *Xanthomonas oryzae* pv. *oryzae*. Submitted to *BMC Microbiology*.
81. Chern MS, Canlas PE and Ronald PC. Strong Suppression of Systemic Acquired Resistance by NRR is Dependent on its Ability to interact with NPR1 and a putative repression domain. 2008. *Molecular Plant*. In Press.
80. Peng Y, Bartley L and Ronald P. 2008. Xb10 encodes a WRKY transcription factor that mediates XA21 resistance. *Molecular Plant*. In Press.
79. Salzberg S et al., 2008. Genome sequence and rapid evolution of the rice pathogen *Xanthomonas oryzae* pv. *oryzae* PX099A. Submitted to *NAR*.
78. Bogdanove A, et al. 2008. Comparative analysis of vascular and non-vascular pathogens of monocots and dicots enabled by two new *Xanthomonas* whole genome sequences. In prep.
77. Bartley L and Ronald P. 2008. Plant and Microbial Research to Improve Biofuel Production. Under Revision for *California Agriculture*.
76. Park CJ, Ying Peng, Rebecca Bart, Xuewei Chen, DeLing Ruan, Patrick E. Canlas, Christopher Dardick, and Pamela C. Ronald. 2008. Rice XB15, a protein phosphatase 2C, negatively regulates programmed cell death and XA21-mediated innate immunity. Under revision for *PLoS Biology*.

75. Maureen Whalen, Todd Richter, Kseniya Zakhareyevich, Masayasu Yoshikawa, Dana Al-Azzeh, Adeshola Adefioye, Christine Q. Morales, Vicki Klassen, Glenn Young, Brianna Young, Gina Perez-Baron, Carole S. Toebe, Emily Gerstman, Erika Evans, Cheryl Thompson, Mary Lopez, Greg Spicer, and Pamela C. Ronald. Identification of a host 14-3-3 Protein that Interacts with *Xanthomonas* effector AvrRxv. Under Revision for PMPP.
74. Rohila JS, Chen M, Chen S, Chen J, Cerny R, Dardick C, Canlas P, Fuji H, Gribskov M, Kanrar S, Knoflicek L. Stevenson B, Xie M, Xu X, Zheng X, Zhu J-K, Ronald P and Fromm ME. 2008. Protein-Protein Interactions of TAP-Tagged Protein Kinases in Rice. Under Revision for Molecular and Cellular Biology.
73. Jung KH, Dardick C., Laura E. Bartley, Peijian Cao, Jirapa Phetsom, Patrick Canlas, Young-Su Seo, Michael Shultz, Shu Ouyang, Qiaoping Yuan, Bryan C. Frank, Eugene Ly, Li Zheng, Yi Jia, An-Ping Hsia, Kyungsook An, HH Chou, David Rocke, Geun Cheol Lee, Patrick S. Schnable, Gynheung An, C. Robin Buell, and Ronald P. 2008. The Rice NSF45K Oligonucleotide Array: Validation and Use to Evaluate Redundancy of Gene Function. Submitted to Genome Research.
72. Jung K, Phetsom J, Lee JW, Chris Dardick, Patrick Canlas, Peijian Cao, Xia-Xu, Young-Su Seo, Shu Ouyang, Kyungsook An, Yun-Ja Cho, Geun Cheol Lee, Yoosook Lee, Gynheung An, and Pamela C. Ronald. 2008. Identification and Functional Analysis of Light-Responsive Unique Genes and Paralogous Gene Family Members in Rice. Under revision for PLoS Genetics.
71. Lee SW, Han SW, Park KS, Ronald P. 2008. The PhoP/Q two-component system is required for AvrXA21 activity, activation of *hrp* gene expression, and virulence in *Xanthomonas oryzae* pv. *oryzae*. J. Bacteriology. 190:2183-2197.
70. Lu R, Lee GC, Schultz M, Dardick C, Jung K, Phetsom J, Jia Y, Rice R, Goldberg Z, Schnable P, Ronald P, Rocke P. 2008. Assessing Probe-specific Dye and Slide Biases in Two-color Microarray Data. Submitted to BMC Bioinformatics.
69. Young-Su Seo, Malinee Sriariyanun, Li Wang, Janice Pfeiffer, Jirapa Phetsom, Ye Lin, Ki-Hong Jung, Hui Hsien Chou, Adam J. Bogdanove, and Pamela Ronald. 2008. A two-genome microarray for the rice pathogens *Xanthomonas oryzae* pv. *oryzae* and *X. oryzae* pv. *oryzicola* and its use in the discovery of a difference in their regulation of *hrp* genes. Submitted to BMC genomics.
68. Ponciano G, Yoshikawa M, Lee J, Ronald P and Whalen MC. 2006. Pathogenesis-Related Gene Expression in Rice is Correlated with Developmentally Controlled Xa21-mediated Resistance against *Xanthomonas oryzae* pv. *oryzae*. PMPP 69:131.
67. Bart R, Ronald P and Hake S. 2006. Fertility versus disease resistance, a hard choice. Genes and Development. 20:1215-1217
66. Bart R, Chern M, Park C-J, Bartley L and Ronald P. 2006. A novel system for gene silencing using siRNAs in rice leaf and stem-derived protoplasts. Plant Methods. 2. (1):13.
65. Dardick C, Chen J, Richter T, Shu O and Ronald P. 2006. The Rice Kinase Database (RKD): a phylogenomic database for the rice kinome. Plant Physiology. 143: 579-586.
64. Dardick C and Ronald P. 2006. Plant and Animal Pathogen Recognition Receptors Signal through Non-RD Kinases. PLoS Pathogens. 2(1):e2.
63. Ding X, Richter T, Chen M, Xie H, Zheng M, Kanrar X, Stevenson S, Dardick C, Li Y, Jiang X, Zhang Y, Yu R, Zhu L, Farmerie WG, Zhu G, Fromm J-K, Ronald P, Song W-Y. 2006 A Rice Kinase-Protein Interaction Map. Under revision for Plant Physiology.
62. Fukao T, Kenong X, Ronald P and Bailey-Serres J. 2006. A variable cluster of ethylene responsive-like factors regulates metabolic and developmental acclimation responses to submergence in rice. Plant Cell. 18: 1791-1802.
61. Lee SW, Han SW, Bartely L, Ronald P. 2006. The unique characteristics of *Xanthomonas oryzae* pv. *oryzae* AvrXa21 and implications for plant innate immunity. PNAS 103:44.
60. Li L, Wang X, Sasidharan R, Stolc V, Deng W, He H, Korbelt J, Chen X, Tongprasit W, Ronald P, Chen R, Gerstein M and Deng X-W. 2006. Global Identification and Characterization of Novel Transcriptionally Active Regions in the Rice Genome. PLoS One. 2(3): e294.

59. Nino-Liu D, Bogdanove A and Ronald P. 2006. *Xanthomonas oryzae* pathovars: model Pathogens of a model crop. *Molecular Plant Pathology*. 7(5) :303-324.
58. Rohila JS, Chen M, Chen S, Chen J, Cerny R, Dardick C, Canlas P, Xu X, Gribskov M, Kanrar S, Zhu J-K, Ronald P and Fromm ME. 2006. Protein-Protein Interactions of TAP-Tagged Protein Kinases in Rice. *TPJ*. 46, 1-13.
57. Ronald P and Fouche B. 2006. Genetic engineering and organic production systems. Division of Agriculture and Natural Resources Communication Services. *Agricultural Biotechnology in California series*. Publication 8188. Pages1-5.
56. Seo, Y-S, Rojas MR, Lee JY, Jeon JS, Ronald P, Lucas W, Gilbertson R. 2006. A viral R gene from common bean functions across plant families and is upregulated in a non-virus-specific manner. *PNAS*. 103:11856-11861
55. Stolov A, Valverde A, Ronald P and Burdman S. 2006. Purification of Soluble and Active RaxH, a Transmembrane Histidine Protein Kinase from *Xanthomonas oryzae* pv. *oryzae* Involved in Regulation of Avirulence Activity. *MPP*. 8: 93-101.
54. Wang Y, Pi Li-Ya, Chen X, Chakrabarty P, Jiang J, Lopez De Leon A, Liu G, Li L, Liangcai Li, Benny U, Qu R, Oard J, Ronald P, Song W-Y. 2006. The ubiquitin ligase XB3 interacts with the rice receptor-like kinase XA21 and is required for XA21-mediated disease resistance. *Plant Cell*. 18:3635-3646.
53. Xu K, Xu X, Fukao T, Canlas P, Heuer S, Bailey-Serres J, Ismail A, Ronald P, Mackill D. 2006. *Sub1A* encodes an ethylene responsive-like factor that confers submergence tolerance to rice. *Nature*. 442. 705-708.
52. Campbell M, Chen D and Ronald P. 2005. Characterization of four rice mutants with alterations in the rice defense response pathway. *MPP* 6:11-21.
51. Chern M-S, Fitzgerald HA, Canlas P, and Ronald P. 2005. Over-expression of a Rice NPR1 Homologue Leads to Disease Resistance, Activation of Defense Gene Expression, and a Lesion Mimic Phenotype. *MPMI* Vol. 18, No. 6, 2005, pp. 511–520
50. Chern M-S, Canlas P, Fitzgerald H, Ronald P. 2005. NRR, a Negative Regulator of Disease Resistance in Rice that Interacts with Arabidopsis NPR1 and Rice NH1. *The Plant Journal*, 2005 43(5):623-35.
49. Fitzgerald H, Chern M-S and Ronald P. 2005. Transgenic rice with altered TGA factor activity display enhanced tolerance to *Xanthomonas oryzae* pv. *oryzae* and reduced growth. *The Plant J*. 2005 Aug;43(3):335-47.
48. Burdman S, Shen Y, Xue Q and Ronald P. 2004. RaxH/RaxR: a two-component regulatory system in *Xanthomonas oryzae* pv. *oryzae* required for *avrXa21* activity. *MPMI*, 17:602.
47. Campbell M, Chen D and Ronald P. 2004. Genetic Characterization of RIL29, the representative line for the blast resistance locus *Pi-7(t)*. *Phytopathology*, 94:302-307.
46. Fitzgerald H, Chern C, Navarre R and Ronald P. 2004. Over-expression of NPR1 in rice leads to a BTH- and environment- inducible lesion-mimic/cell death phenotype. *MPMI*. 17:140-151.
45. Goes da Silva F, Shen Y, Dardick C, Burdman S, Yadav R, Sharma P and Ronald P. 2004. Components of a type I secretion system and a sulfotransferase-like protein are required for the Xa21 receptor kinase mediated defense response. *MPMI*, 17:593.
44. Yi G, Lee S-K, Hong Y, Cho Y-C, Kim H-K, Nam M, Kim S-C, Han S-S, Wang G-L, Hahn T-R, Ronald P, Jeon J-S. 2004. Application of molecular markers linked to the rice blast resistance gene *Pi5(t)* for use in marker-assisted selection. *TAG*. 109:978-985.
43. Wang G, Wu C, Zeng L, He C, Baraoidan M, Goes da Silva F, Williams CE, Ronald P, Leung H. 2003. Isolation and Characterization of Rice Mutants Susceptible to *Xanthomonas oryzae* pv *oryzae*. *TAG*. 102:1452.
42. Andaya C-B, Ronald P. 2003. A Catalytically Impaired Mutant of Rice Xa21 Receptor Kinase Confers Partial Resistance to *Xanthomonas oryzae* pv *oryzae*. *PMPP*. 62:203-208.
41. Dardick C, Goes da Silva F, Shen Y and Ronald P. 2003. Antagonistic interactions between strains of *Xanthomonas oryzae* pv. *oryzae*. *Phytopathology*, 93: 705-711.

40. Jeon J-S, Chen D, Yi G, Wang GL and Ronald P. 2003. Genetic and physical mapping of *Pi5(t)*, a locus associated with broad-spectrum resistance to rice blast. *Mol Gen Genomics*. 269:280 – 289.
  39. Kachroo A, He Z, Zhu Q, Zhong J, Patkar R, Li D, Ronald P, Lamb C, Chattoo BB. 2003. Induction of H<sub>2</sub>O<sub>2</sub> in transgenic rice leads to cell death and enhanced resistance to both bacterial and fungal pathogens. *Transgenic Research* 12: 577-586.
  38. Liu G-Z, Pi L-Y, Walker JC, Ronald P, Song WY. 2002. Biochemical Characterization of the Kinase Domain of the Rice Disease Resistance Receptor-like Kinase XA21. 2002. *JBC* 27:20264-20269.
  37. Bellaloui N, Yadav R, Chern M-S, Hu H, Gillen A, Greve C, Dandekar A, Ronald P and Brown P. 2002. The Role of Sorbitol in Boron Translocation in Rice. *Physiologia Plantarum*. 117:79-84.
- Shen Y and Ronald P. 2002. Molecular determinants of disease and resistance in interactions of Xoo and rice. *Microbes and Infection* 4:1361-1367.
36. Shen Y, Sharma P, Goes da Silva F, Ronald P. 2002. The *Xanthomonas oryzae* pv. *oryzae* *raxP* and *raxQ* genes encode an ATP sulfurylase and APS kinase that are required for AvrXa21 avirulence activity. *Mol. Microbio* 44:37-48.
  35. Chern M-S, Fitzgerald H, Yadav RC, Canlas P, Dong X, Ronald P. 2001. Evidence for a Resistance Signaling Pathway in Rice Similar to the *NPR1*-Mediated Pathway in Arabidopsis. *Plant J*. 27, 101-113.
  34. Li X, Song Y, Century K, Straight S, Ronald P, Dong X, Lassner M, and Zhang Y. 2001. Deleteagene™: a Fast Neutron Mutagenesis-based Reverse Genetics System for Plants. *Plant J*. 27, 235-242.
  33. Shen Y, Chern M-S, Silva F, Ronald P. 2001. Isolation of a *Xanthomonas oryzae* pv. *oryzae* flagellar operon region and molecular characterization of flhF. *MPMI*. 14:204-213.
  32. He ZH, Wang Z, Li J, Zhu Q, Lamb C, Ronald P, Joanne Chory. 2000. Perception of brassinosteroid by the extracellular domain of the receptor kinase, BRI1 *Science*, 288: 2360
  31. He ZH, Dong HT, Dong JX, Li DB, Ronald P. 2000. Rice *Rim2* transcript accumulates in response to *Magnaporthe grisea* and its predicted protein shares similarity with TNP2-like proteins encoded by *CACTA* transposons. *MGG* 264:2-10.
  30. Ilag L, Yadav R, Huang N, Ronald P and Ausubel F. 2000. Isolation and characterization of disease resistance gene homologues from rice cultivar IR64. *Gene*. 255(2):245-55.
  29. Xu K, Xu X, Ronald P, Mackill DJ. 2000. A high-resolution linkage map in the vicinity of the rice submergence tolerance locus *Sub1*. *MGG*. 263:681-689.
  28. Century KS, Adkisson M, Morlan J, Lagman R, Tobias R, Schwartz K, Smith A, Love J, Ronald P and Whalen M. 1999. Developmental Control of Xa21 Resistance in Rice. *Plant Journal*. 20:231.
  27. Chen D and Ronald P. 1999. A Rapid Rice DNA Miniprep Method Suitable for AFLP and Other PCR Applications. *Plant Molecular Biology Reporter*. 17:1, 53 - 57.
  26. Van der Knaap E, Song WY, Sauter M, Ruan DL, J, Ronald P, Kende H. 1999. Expression of a Gibberellin-Induced Leucine-Rich-Repeat Receptor-Like Protein Kinase in Deepwater Rice and its Interaction with Kinase-Associated Protein Phosphatase. *Plant Phys*. 120: 559-569.
  25. Chen D, dela Vina M, Inukai T, Mackill DJ, Ronald P and Nelson RJ. 1998. Molecular mapping of the blast resistance gene, *Pi44(t)*, derived from a durably resistant rice cultivar. *TAG*, 98:1046-1053.
  24. Dong F, Miller JT, Jackson SA, Wang GL, Ronald P and Jiang J. 1998. Rice (*Oryza sativa*) Centromeric Regions Consist of Complex DNA. *PNAS* 95:8135-8140.
  23. Song WY, Pi LY and Ronald P. 1998. Identification and characterization of 14 transposable-like elements in the noncoding regions of the rice Xa21 disease resistance gene family members. *MGG* 258:449-456.

22. Tang K, Tinjuangjun P, Xu Y, Sun X, Ye M, Gatehouse J, Ronald P, Qi H, Lu X, Christou P and Kohli A. 1998. Particle bombardment-mediated co-transformation of elite Chinese rice cultivars with genes conferring resistance to bacterial blight and spa-sucking insects. *Planta* 208:552-564.
21. Wang GL, Ruan DL, Song WY, Sideris S, Chen L, Pi LY, Zhang S, Zhang Z, Fauquet C, Gaut BS, Whalen MC and Ronald P. 1998. The rice disease resistance gene, *Xa21D*, encodes a receptor-like molecule with a LRR domain that determines race specific recognition and is subject to adaptive evolution. *Plant Cell* 10:765-779.
20. Zhang S, Song WY, Chen L, Ruan DL, Taylor N, Ronald P, Beachy R and Fauquet C. 1998. Transgenic elite *Indica* rice varieties, resistant to rice bacterial blight. *Molecular Breeding* 4:551-558.
19. Frijters A, Wang Z, Van Damme M, Wang GL, Ronald P and Michelmore R. 1997. Construction of a BAC library containing large EcoRI and HindIII genomic fragments of lettuce. *TAG*. 94:390-395.
18. Song W, Pi L, Wang G, Gardner J, Holsten T, Ronald P. 1997. Evolution of the Rice *Xa21* Disease Resistance Gene Family. *Plant Cell* 9:1279-1287.
17. Williams CE, Yanagihara S, McCouch S, Mackill D and Ronald P. 1997. Markers for wide compatibility locus. *Crop Science*, 37: 1910-1912.
16. Bureau T, Ronald P, Wessler S. 1996. A systematic survey reveals the predominance of small inverted repeat elements in wild type rice genes. *Proc. Natl. Acad. Sci.* 93:8524-8529.
15. Wang G-L, Song WY, Ruan R, Sideris S, Ronald P. 1996. The cloned gene *Xa21* confers resistance to multiple *Xoo* isolates in transgenic rice. *MPMI* 9:850-855.
14. Wang G-L, Warren R, Innes R, Osborne B, Baker B, Ronald P. 1996. Construction and characterization of an *Arabidopsis* BAC library. *Plant Molec. Biol. Rep.* 14:107-114.
13. Williams CE, Wang B, Holsten TE, Scambray J, da Silva F, and Ronald P. 1996. High resolution linkage map of the region containing the rice *Xa21* disease resistance gene. *TAG*, 93:1119-1122.
12. Wang G-L, Holsten TE, Song W-Y, Wang HP and Ronald P. 1995. Construction of a rice bacterial artificial chromosome library and identification of clones linked to a disease resistance locus. *The Plant Journal*, 7:101-109.
11. Jiang J, Wang G-L, Ronald P, Gill B, Ward. 1995. Metaphase and Interphase mapping of the rice genome using bacterial artificial chromosomes. *Proc. Natl. Acad. Sci.* 92:4487-4491.
10. Song W-Y, Wang G-L, Zhu L-H, Fauquet C, Ronald P. 1995. A receptor kinase-like protein encoded by the rice disease resistance gene *Xa21*. *Science*, 270:1804-1806.
9. Abenes MLP, Tabien RE, McCouch SR, Ikeda R, Ronald P, Khush GS, Huang N. 1994. Orientation of the classical and molecular maps of chromosome 11 in rice. *Euphytica*, 76:81-87.
8. Causse M, Fulton T, Cho Y, Ahn N, Chunwongse J, Wu K, Xiao J, Yu Z, Ronald P, Harrington S, Second G, McCouch S and Tanksley SD. 1994. Saturated molecular map of the rice genome based on an interspecific backcross population. *Genetics*, 138:1251-1274.
7. Williams C and Ronald P. 1994. Rapid, homogenization-free isolation of rice DNA for PCR. *Nucl. Acids Res.* 22:1917-1918.
6. Ronald P, Carlund F, Salmeron J, Staskawicz B. 1992. Cloned avirulence gene *avrPto* induces disease resistance on *Pto* tomato cultivars. *J. Bacteriol.* 174:1604-1611.
5. Ronald P, Albano B, Tabien R, Abenes L, Wu K, McCouch S, Tanksley S. 1992. Genetic and physical analysis of the rice bacterial blight resistance locus, *Xa21*. *Mol. Gen. Genet.* 236:113-120.
4. Kearney B, Ronald PC, Dahlbeck D, Staskawicz B. 1988. Molecular basis for evasion of plant host defence in bacterial spot disease of pepper. *Nature* 332:541-543.
3. Ronald P, Staskawicz B. 1988. The avirulence gene *avrBs1* from *Xanthomonas campestris* pv. *vesicatoria* encodes a 50 kD protein. *MPMI* 1:191-198.
2. Sederoff R, Ronald P, Bedinger P, Rivin C, Walbot V, Bland M, Levings CS. 1986. Maize mitochondrial plasmid S-1 sequences share homology with chloroplast gene *psbA*. *Genetics* 113:469-482.



1. Ronald P, Soderhall K. 1985. Phenylalanine ammonia lyase and peroxidase activity in mycorrhizal and nonmycorrhizal short roots of Scots pine, *Pinus sylvestris* L. *New Phytol.* 101:487-494.

**Other Reviews, perspectives, book chapters, research notes:**

- Ronald P. 2007. *Signaling in the Rice Xa21 Mediated Resistance Response*. Paper presented at the Arthur M. Sackler Colloquia of the National Academy of Sciences. From Functional Genomics of Model Organisms to Crop Plants for Global Health. April 3–5, 2006. in Washington D.C.
- Ronald P. 2006. *Methods in Molecular Biology/Molecular Medicine vol 354: Plant–Pathogen Interactions Methods and Protocols*. Edited by P. C. Ronald . Humana Press, Inc. Totowa, NJ.
- Lee SW and Ronald P. 2006. Marker exchange Mutagenesis and Complementation strategies for the Gram-negative bacteria *Xanthomonas oryzae* pv. *oryzae* . From *Methods in Molecular Biology/Molecular Medicine vol 354: Plant–Pathogen Interactions Methods and Protocols*. Edited by P. C. Ronald . Humana Press, Inc. Totowa, NJ. Pages 11-18.
- Jeon JS and Ronald P. Use of nipponbare BAC clones for physical mapping of an R gene locus in rice. From *Methods in Molecular Biology/Molecular Medicine vol 354: Plant–Pathogen Interactions Methods and Protocols*. Edited by P. C. Ronald . Humana Press, Inc. Totowa, NJ. Pages 45-56.
- Chern MS, Todd Richter and Ronald P. 2006. Yeast two hybrid approaches to dissecting the plant defense response. From *Methods in Molecular Biology/Molecular Medicine vol 354: Plant–Pathogen Interactions Methods and Protocols*. Edited by P. C. Ronald . Humana Press, Inc. Totowa, NJ. Pages 79-83.
- Ronald P, Hake S and Murch D. 2004. Genetically Engineered, Organically Grown: A Third Way? Feature story, April Davis Coop Newsletter.
- Ronald P and S. Strauss. 2003. Moving the debate on genetically engineered crops forward. *ASPB newsletter* 30:3
- Campbell M, Fitzgerald H and Ronald P. 2002. Engineering disease resistance in plants. *Transgenic Research*. 11:599-613.
- Campbell M, Fitzgerald H and Ronald P. 2002. Engineering pathogen resistance in crop plants. *Handbook of Plant Biotechnology*. Edited by Christou and Klee. DOI: 10.1002/0470869143.kc019
- Richter TE and Ronald PC. 2000. The Evolution of Plant Disease Resistance Genes. B. Gaut and J. Doyle, editors, in *Plant Mol. Biology "Molecular Evolution of Plants"*. 42: (1) 195-204.
- Chen D, Nelson RJ, Wang GL, Inukai T, Mackill DJ, Ronald PC. 2000. Use of DNA Markers in introgression and isolation of genes associated with durable resistance to rice blast. In *DNA-Based Markers in Plants*, I.K. Vasil and R. Phillips, eds. Kluwer Academic Publishers.
- Chrispeels M, Holuigue L, Latorre R, Luan S, Orellana A, Oena-Cortes H, Raikhel N, Ronald P, Trewavas A. 1999. Signal transduction networks and the biology of plant cells. *Biological Research*, 32(1):35-60. Review.
- Chen D, Wang GL, and Ronald PC. 1998. Location of the rice blast resistance locus Pi5 in Moroberekan by AFLP bulk segregant analysis. *RGN* 14:95-98.
- Ronald P. Genetic Resource Recognition Fund. 1998. *AgBiotech News and Information* 10 (1): 19N-21N. CAB International.
- Ronald P. 1997. The molecular basis of disease resistance in rice. *Plant Molecular Biology* 35:179-186.
- McCouch, SR, Ronald P, and Kyle MM. 1993. Contributions of biotechnology to crop improvement for sustainable agricultural systems. In *Crop Improvement for sustainable agricultural systems*. eds. M. B. Callaway and C. W. Francis. Nebraska Press.
- Ronald P, Tanksley SD. 1991. Genetic and physical mapping of the bacterial blight resistance gene *Xa21*. *Rice Genetics Newsletter* 8:142-143.

**Patents:**

Nucleic acids, from *Oryza sativa*, which encode leucine-rich repeat polypeptides and enhance Xanthomonas resistance in plants. Patent # 5,859,339. Issued 1/ 12/99.

DNA binding proteins that interact with NPR1. UC case # 99-170-1. Patent number 6,137,031. Filed 3/11/1999. Issued 10/24/00

Procedures and material for enhancing systemic acquired resistance in plants European Patent EP1404859. United States Patent 677428. Filed 4/19/99. Issued 2006.

### **Synergistic Activities:**

#### Service and Outreach:

- Established the UC Davis Genetics Resources Recognition Fund to compensate germplasm-source countries for genetic resources.
- External Scientific Advisory Committee member for the NIH funded MBRS SCORE (NIGMS Minority Biomedical Research Support: Support of continuous research excellence) program.
- Member, Sacramento Advocates for Girls Empowerment
- Participant in Expanding your horizons workshops to bring science to 7<sup>th</sup> /8<sup>th</sup> grade girls.
- Participant in workshops for High school teachers on plant genetic engineering in the SF and Sacramento areas.
- Established the Art- Science fusion program at Cesar Chavez elementary school
- Professors of the future program mentor - a NIH postdoc-teacher training program.
- Member of the UC working group Linking Research and Education in Agricultural and Environmental Biotechnology.
- US Senate Agricultural staff briefings on industry- academic relations.
- Presentation for the Coalition for National Science Funding Exhibition for Members of Congress and their staffs
- Submitted testimony on the Fiscal Year (FY) 2006 appropriation for the United States Department of Agriculture on behalf of Coalition on Funding Agricultural Research Missions
- Reviewer for the Gates Foundation and the Foundation of the NIH, USDA, NSF, NIH

#### Teaching:

- Designed and taught undergraduate course (SAS20) "Genetics and Society" (1998-present)
- Designed and taught plant biomass section of a short course on Bioenergy Systems.
- Designed and taught upper division undergraduate/graduate course (PIb145) "Sierra Nevada Flora" (1998-present)
- Taught "California Flora" (PLB147) with Michael Barbour (2000-2005); Taught History of Genetics (1999)
- Each year supervise 2 NSF young scholars for 6 weeks;
- Direct the research projects of 4-6 undergrads each year.
- Member of interdisciplinary graduate training programs: Plant Pathology, Plant biology, International agricultural development, genetics and biochemistry graduate groups.
- Co-PI on graduate training grants in molecular and cellular biology (NIH), biological invasions (NSF-IGERT), and agricultural technologies and engineering (NSF-IGERT)

### **Invited Speaker Presentations at national and international meetings and seminars:**

1991 International Society Plant Molecular Biology, Tuscon, Arizona

1992 FASEB meeting in Plant Molecular Biology, Steamboat Springs, CO  
Pacific rim conference on Plant Biology, Sacramento, CA

- International workshop on biotechnology, Bogor, Indonesia
- 1993 International Rice Blast Conference, Madison Wisconsin  
International Society Plant Molecular Biology, Yokohama Japan  
Sixth Annual Meeting of the International Program on rice biotechnology, Phillipines
- 1994 International Plant Genome Conference, San Diego, CA
- 1995 American Phytopathological Society, Pittsburgh, PA  
Molecular Biology of Plant Disease Resistance genes. Banbury Conference, CSHL  
International Plant Genome Conference, San Diego, CA  
International Program on rice biotechnology, Philippines  
Plant Phosphorylation, symposia, Keystone, CO  
Plant Biotechnology Dept, Cornell University  
Dept. of Plant Biology, UC Berkeley, CA
- 1996 World Congress on In vitro biology, SF, CA  
Plant Phosphorylation, symposia, Columbia MO  
3rd International Plant Pathology and Biotechnology Symposium, Hangzhou, China  
Biology Graduate Student Association, Humboldt State University  
CSIRO, Div of Plant Industry, Australia  
Ciba-Geigy Biotechnology Research Corporation, RTP, NC  
Dept of Molecular and Cellular Biology, University of Georgia  
Seminar at Monsanto Co, St. Louis MO
- 1997 EMBO Workshop on Plant disease resistance gene Function, Italy  
Plant and Animal Genome V conference  
International Program on Rice Biotechnology Malacca  
Gordon Research Conference on Plant Cell Genetics and Development  
Information processing in plants: their evolution & function, UCD  
Fourth Annual Pest Conference, UCD  
Career Day, Chico State University CA  
Institut des Sciences Vegetales (ISV) CNRS, Gif-sur-Yvette/France  
CIRAD Montpellier, France  
Plant biology seminar series, UCD  
    Issues in Government seminar series, UCD  
    Pioneer Hi-Bred, Johnston, IA  
    Monsanto Co, St. Louis MO  
    Plant Pathology Dept., Kansas Sate University
- 1998 International Rice Blast Conference, Montpellier, France  
US-Mexico Symposium on Plant Biochemistry and Molecular Biology, Mexico  
Annual meeting of the Society of Biology, Pucon, Chile  
NSF workshop on Cells and Signals, Santiago Chile (11/98)  
Scripps Inst, San Diego, CA (8/98)  
Plant Gene Expression Center, UCB, CA (10/98)  
Zeneca, Richmond CA 10/98  
Plant-Microbe Interactions, Michigan State University (12/18)  
California Rice research Board (12/98)
- 1999 8th US-Japan Seminar, CA (6/99)  
IC-MPMI, Amsterdam, Holland (7/99) (postdoc attended in my place)  
ASPP, Maryland (7/99) (postdoc attended in my place)  
Nusbaum Symposium, North Carolina State University

- 2nd Temperate Rice conference, Sacramento, CA. June 13-17.  
 International symposium on plant genetic engineering, Havana, Cuba (12/6-10)  
 Pioneer Hi-Bred, Johnston, Iowa  
 ISU Interdepartmental Genetics Workshop, Ames Iowa  
 Plant breeding and genetics program, U. of Wisconsin, Madison
- 2000 Keystone Symposia Signals and Signal Perception in Biotic Interactions in plants  
 Taos, New Mexico (2/00)  
 Plant & Soil Conference "Issues in Agriculture Biotechnology", Stockton, CA.  
 International symposium on Plant Signaling; Penn State Intercollege Graduate Program  
 in Plant Physiology (5/00)  
 Novartis meeting on disease resistance, Cardona Spain (7/00)  
 Agricultural Policy and Crop Breeding Symposium, UC Davis March  
 Maxygen, Redwood City, CA (5/00)  
 Agritope, Portland Oregon (6/00)  
 Novartis Agribusiness meeting on disease resistance, Cardona Spain (7/00)  
 Martin-Luther University, Institute of Genetics, Halle. Germany, November  
 Syngenta, Mogen, Leiden, Holland, November  
 Molecular Biology lab, CNRS/INRA, Toulouse, France, November  
 John Innes Center, Norwich, England, December
- 2001 ISMPMI, Madison Wisconsin (7/01) (Postdoc attended in my place)  
 ASPP Providence, Rhode Island (Postdoc attended in my place)  
 Plant Phosphorylation Symposia, N. Lake Tahoe, CA  
 Maxygen, Redwood City, CA (1/01)  
 Cal Academy, SF (2/01)  
 University of Arizona, Tuscon, February  
 Davis Area Technology Association, February  
 Syngenta meeting on disease resistance, San Diego (7/01)  
 Bioethics symposium for high school teachers (12/01)
- 2002 International rice blast conference, Japan  
 Haas School of business, UCB  
 Michigan State University  
 San Francisco State University
- 2003 In vitro Biology, Portland Oregon (6/02)  
 Plant Genome NSF funded workshop on rice germplasm (1/02)  
 Plant Kinase Workshop, UCSD (1/02)  
 22<sup>nd</sup> Plant biology symposium. Frontiers of Plant Cell Biology: Signals and Pathways,  
 Systems-Based Approaches" UC Riverside. Jan  
 International Society for Plant Microbe interactions, St. Petersburg, Russia (7/02)  
 Hazelwolf Environmental film festival: panel on genetically engineered crops (3/02)  
 Seminar on genetic engineering, Tokyo, Japan  
 Plant Phosphorylation, Clearwater, Florida  
 NSF Plant Genome Awardees meeting  
 Kinase Workshop, Asilomar  
 Rice Functional Genomics Workshop, Shanghai  
 Plant phosphorylation, Tampa  
 Genomic approaches in Plant Biology. University of Tennessee, Knoxville (3/03)  
 UC Riverside, June
- 2004 Rice Functional Genomics, Korea, April  
 2nd International meeting on Bacterial leaf blight. Tskuba (postdoc attended in my place)

Rice Functional Genomics, Tskuba, Japan  
American Phytopathological Society, Anaheim  
European Signaling Symposium, Alsace, France  
Plant Functional Genomics Symposium, Jeju, Korea  
NSF Plant Genome Awardees meeting  
Briefings to U.S. Congressional representatives for the American Society of Plant Biologists, Washington D.C (3/04)  
International Rice Functional Genomics, Tuscon  
Plant Phosphorylation, Snowbird  
Bowdoin College  
University of Cologne, Germany  
Postech University, Pohang, Korea  
Regulatory frameworks: Potential Invasiveness of genetically engineered crops in the USA and International Centers of Biological Diversity, UCD  
UCD Women and Science panel  
Science @ Work, the 10<sup>th</sup> Annual Coalition for  
National Science Funding Exhibition & Reception on Capitol Hill, Washington D.C.  
State of California, Oakland  
Copia: The American Center for Wine, Food, and the Arts  
U.S.D.A. Rice Caps

2005 Allard Symposium, Wuhan, China  
ASPB, Seattle  
Mid Atlantic Plant Molecular Biology Conference, Beltsville, Maryland  
Pacific Food Conference, UCD  
Rice Caps, Little Rock Arkansas  
Briefings to U.S. Congressional representatives for the American Society of Plant Biologists, Washington D.C (3/05)  
Salamini Symposium, UCD  
Keynote Address at the Plant Molecular Biology Annual retreat, N. Carolina  
Future of foods panel presentation  
Invited speaker UCD student GEO panel  
Invited speaker Whole Earth Festival GEO panel  
UCD Plant Biology seminar series  
International Food Information Council  
Consortium for Women and Research, GEOs  
UC Genome Center  
Boyce Thompson Institute

2006 Sackler Symposium, National Academy of Science (4/06)  
Rice Caps – Houston (2/06)  
Rice Technical Working Group Symposium on Genetically Engineered Organisms  
Houston (2/06)  
NSF Plant Genome Awardees meeting (9/06)  
24<sup>th</sup> Stadler Genetics Symposium, U of Missouri-Columbia (10/06)  
Iowa State University Plant receptor symposium  
IFAFS national meeting on University-Industry relationships, Washington D.C.  
Briefings for U.S. House of Representatives on Agricultural Intellectual property (5/06)  
Briefings for USDA staff on Agricultural Intellectual property  
Briefings for U.S. Senate Agricultural committee on Agricultural Intellectual property  
International Rice Functional Genomics Meeting, Montpellier, France  
Phosphorylation meeting, Asilomar  
Agricultural Biotechnology Research for Public Goods and Private Goods: The Roles of University-Industry Relationships, May 1, 2006 Washington, D.C.

- USDA-CSREES NRI Rice Functional Genomics meeting, The Woodlands, TX (2/06)  
 Rice Technical Working Group meeting, Houston, TX (2/06)  
 Agricultural Genomics and Biotechnology lecture for UN Ambassadors, UCD June  
 Organizer and moderator for panel on food and farming: Author Michael Pollan, Dean  
 Agricultural and Environmental Sciences, Faculty in American Studies and others  
 University of British Columbia, Vancouver  
 Briefings to U.S. Congressional representatives for the American Society of Plant  
 Biologists, Washington D.C. (3/06)  
 Seminar on Submergence Tolerance, Calgene, Davis CA  
 UC Davis, Community Book Project: The Future of Food  
 University of California, Berkeley. Dept. Plant and Microbial Biology  
 Ceres, Thousand Oaks, CA  
 Parco Tecnologico, Lodi, Italy  
 INRA-CNRS, Castanet-Tolosan, France  
 NSF Plant Genome Awardees meeting, Washington DC  
 NSF microarray advisory board meeting  
 The Danforth Center, St. Louis Missouri 10/06  
 Presentation to the Mohr Davidson investment group on Bioenergy  
 Presentation to the Ambassadors of the United Nations on Rice breeding and genomics  
 Presentation to the UC Davis Development team on Gateways Big Idea  
 Presentation to CA state secretary of Agriculture AG Kawamura on UCD Bioenergy
- 2007 Gordon Conference on Agricultural Biotechnology, Ventura CA (3/07)  
 Minisymposium on Plant-Microbe Interactions at National Institute of Biological  
 Sciences, Beijing China (10/07)  
 UC Berkeley Plant Gene Expression Center (2/07)  
 International Society of Plant-Microbe Interactions, Sorrento Italy (7/07)  
 4th International Rice Blast Conference, Changsa, China (10/07)  
 Keynote address, Fifth International meeting on Rice Functional Genomics, Japan  
 (10/07)  
 Plant and Animal Genome meeting, San Diego, CA (1/07)  
 Colorado State University Program in Plant Molecular Biology (4/07)  
 California Rice Research Board, UC Davis (2/07)  
 A Global Eye on California's Bio refinery Industry, Davis, CA (6/07)  
 Continuing Evolution of the UCD Research Endeavour, Presentation to Mars, Davis 6/07  
 Sagehen Summer Science Speaker Series. Tomorrow's Table 7/07  
 Targeted Growth Inc., Seattle 8/07  
 International conference on Bacterial Blight, Nanjing, China 10/07  
 Symposium on Plant-Microbe Interactions, National Institute of Biological Sciences,  
 Beijing 10/07  
 4th International Rice Blast Conference, Changhua China 10/07  
 International Rice Functional Genomics, Tskuba Japan 10/07  
 Nara Institute of Science and Technology Global COE International Symposium on Plant  
 Biology 2007 Ikoma, Japan 10/07  
 The Danforth Center International Fall Symposium 10/07
- 2008 International Genetics Congress, Berlin, Germany (7/08)  
 Purdue University (2/08)  
 Virginia Bioinformatics Institute (2/08)  
 Nara Institute of Science and Technology (3/08)  
 Kyoto University (3/08)  
 International Rice Functional Genomics, Jeju, Korea (11/08)  
 Kyoto Prefectural University (3/08)  
 University of Kyoto (3/08)

JBEI industrial advisory board (4/08)

**Media events:** Science Today; The New York Times; The Wall Street Journal; Beijing Daily; Voice of America; Cosmos Japan; The Hazelwolf environmental film festival; Sacramento TV stations KCRA 3 - NBC, KXTV 10-ABC, and KOVR 13 – CBS; the Bill Nye show; KCTS Seattle Public TV and the Sacramento Bee features and documentaries on genetically engineered crops. Science Today, *Frontiers*, *UCTV* featuring UC Davis faculty and staff, CNN, BBC, Agence France –Presse, The Sacramento Bee, Sacramento Magazine, Discover Magazine, KGO TV, SF Chronicle; National Public Radio, Capital Public Radio (2007 and 2008), Seed magazine, QUEST's TV story, *Biofuels: Beyond Ethanol* on KQED