

BEAN/COWPEA COLLABORATIVE RESEARCH SUPPORT PROGRAM

Research Publications List from 1997-2004

Regions/Countries Focusing on Beans

Latin America and Caribbean Basin

Costa Rica
Dominican Republic
Guatemala
Ecuador
Haiti
Honduras
Jamaica
Nicaragua

East and Southern Africa

Malawi
Mozambique
South Africa
Tanzania

Participating U.S. Universities:

Michigan State University
Oregon State University
Pennsylvania State University
Purdue University
University of Minnesota
University of Nebraska
University of Puerto Rico
Washington State University

Officers:

Regional Chair (LAC): Dr. Richard Bernsten
Co-Chair (LAC): Dr. Ana Bonilla
Regional Facilitator (LAC): Dr. James Beaver

Regional Chair (ESA): Dr. Henry Mloza-Banda
Co-Chair (ESA): Dr. Maurice Bennink
Regional Facilitator (ESA): Dr. James Myers

Bean/Cowpea CRSP, Michigan State University, 2005.

A. REFEREED PUBLICATIONS:

Acevedo, M., A. Alleyne, J. Fenton and J. R. Steadman. 2004. Phenotypic and Genotypic Variation in *Uromyces appendiculatus* from a Region in a Major Center of Common Bean Domestication. Phytopathology 94:S156.

Acevedo-Román, M., A. Molina-Castañeda, J. C. Angel Sánchez, C. G. Muñoz and J. S. Beaver. 2004. Inheritance of Normal Pod Development in Bean Golden Yellow Mosaic Resistant Common Bean. Journal of the American Society of Horticulture Society 129(4):549-552.

Acosta, J. A., E. Acosta, S. Padilla, M. A. Goytia, R. Rosales and E. Lopez. 1999. Mejoramiento de la Resistencia a la Sequia del Frijol Comun en México. Agronomía Mesoamericana 10(1):83-90.

Acosta-Gallegos, J. A., F. J. Ibarra-Perez, B. Cazares-Enriquez, A. Castillo-Rosales, R. Rosales-Serna, J. D. Kelly and S. P. Singh. 2004. Registration of 'Negro Vizcaya' Shiny Black Bean. Crop Science 44:1866-1867.

Acosta- Gallegos, J. A., F. J. Ibarra-Perez, R. Rosales-Serna, A. Castillo-Rosales and J. D. Kelly. 2001. Registration of 'Negro Sahuatoba' Opaque Black Bean. Crop Science 41:1646-1647.

Acosta- Gallegos, J. A., F. J. Ibarra-Perez, R. Rosales-Serna, B. Cazares-Enriquez, P. Fernandez-Hernandez, A. Castillo-Rosales and J. D. Kelly. 2001. Registration of 'Bayacora' Pinto Bean. Crop Science 41:1645-1646.

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Acosta- Gallegos, J. A., F. J. Ibarra-Perez, R. Rosales-Serna, P. Fernandez-Hernandez, A. Castillo-Rosales and J. D. Kelly. 2001. Registration of 'Mestizo' Pinto Bean. Crop Science 41: 1650-1651.

Acosta, G. J. A., S. Padilla R., J. Z. Castelanos R. and J. Arguez P. 1998. Epoca de Siembra de Frijol de Riego en el Altiplano de México. Rev. Fitotec. México 19:131-140.

Acosta-Gallegos, J. A., C. Quintero, J. Vargas, O. Toro, J. Tohme and C. Cardona. 1998. A New Variant of Arcelin in Wild Common Bean, *Phaseolus vulgaris* L. from Southern México. Genetic Resources and Crop Evolution 45:235-242.

Acosta-Gallegos, J. A. and J. W. White. 1997. Fenologia and Redimiento del Frijol de Temporal en el Altiplano de México. Agricultural Tech. México 23:3-14.

Aguirre, J. F., J. Kohashi-Shibata, C. L. Trejo and J. A. Acosta-Gallegos. 1999. Respuesta Fisiologica del Frijol (*Phaseolus vulgaris* L.) a la Sequia, en un Sistema de Raiz Dividida. Agronomía Mesoamericana 10(1):31-36.

Aragao, S. G. R., L. M. G. Barros, A. C. M. Brasileiro, D. P. Maxwell, E. L. Rech and J. C. Faria. 1998. Transgenic Beans (*Phaseolus vulgaris* L.) Engineered to Express Viral Antisense RNAs Showed Delayed and Attenuated Symptoms To Bean Golden Mosaic Geminivirus. Molecular Breeding 4:491-499.

Aragao, F. J. L., L. M. G. Barros, A. C. M. Brasileiro, S. G. Ribeiro, F. D. Smith, J. C. Sanford, J. C. Faria and E. L. Rech. 1996. Inheritance of Foreign Genes in Transgenic Bean (*Phaseolus vulgaris* L.) Co-Transformed via Particle Bombardment. Theoretical and Applied Genetics 93:142-150.

Araya, C. M., A. T. Alleyne, J. R. Steadman, K. M. Eskridge and D. P. Coyne. 2004. Phenotypic and Genotypic Characterization of *Uromyces appendiculatus* from *Phaseolus Vulgaris* in the Americas. Plant Disease 88:830-836.

Ariyaratne, H. M., D. P. Coyne, G. Jung, P. W. Skroch, A. K. Vidaver, J. R. Steadman, P. N. Miklas and M. J. Bassett. 1999. Molecular Mapping of Disease Resistance Genes for Halo Blight, Common Bacterial Blight, and Bean Common Mosaic Virus in a Segregating Population of Common Bean. Journal of the American Society of Horticultural Science 124:654-662.

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Ariyaratne, H. M., D. P. Coyne, A. K. Vidaver and K. M. Eskridge. 1998. Selecting for Common Bacterial Blight Resistance in Common Bean: Effects of Multiple Leaf Inoculation and Detached Pod Inoculation Test. Journal of the American Society for Horticultural Science 123:864-867.

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Arnaud-Santana, E., J. C. Nin, F. Saladin, G. Godoy-Lutz, D. P. Coyne, J. S. Beaver and J. R. Steadman. 2000. Registration of "Arroyo Loro Negro" Black Bean. Crop Science 40:856-857.

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Balardin, R. S., J. J. Smith and J. D. Kelly. Ribosomal DNA Polymorphism in *Collectotrichum lindemuthianum*. Mycological Resources 103:841-848

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Ballen, K. G., P. H. Graham, R. K. Jones and J. H. Bowers. 1998. Acidity and Calcium Interactions Affecting Cell Envelope Stability in *Rhizobium*. Canadian Journal of Microbiology 44:582-587.

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Beaver, J. S. 1999. Improvement of Large-Seeded Race Nueva Granada Cultivars. In S. P. Singh (ed.) Common Bean Improvement in the Twenty-First Century. Kluwer Academic Publishers, Boston, MA p. 275-288.

Beaver, J. S. and P. N. Miklas. 1999. Registration of PR9443-4, Bean Germplasm Resistant to Bean Golden Mosaic, Common Bacterial Blight and Rust. Crop Science 39:1257.

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Calderon, R., A. R. Bonilla and I. Ivankovich. 1999. Estudio de Prefectibilidad para la Instalacion de una Planta para el Procesamiento del Frijol Deshibratado Fortificado con Hierro. Proceedings 1er Congreso Nacional de Ciencia y Tecnologia de Alimentos, San Jose, Costa Rica.

Campos, E., A. Fernandez, I. Sanchez, T. Y. Sancho and C. Villalobos. 1999. Diagnostico para el Diseno de una Campana Educativa Tendiente a Incrementar el Consumo del Frijol en una Comunidad Urbana de Clase Media de San Jose. Seminario de Graduacion para Optar por el Grado de Licenciatura. Escuela de Nutricion, Universidad de Costa Rica, San Jose, Costa Rica.

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Castillo R., A., F. J. Ibarra P. and J. A. Acosta G. 1999. Calidad de la Coccion de Lineas y Variedades de Frijol Evaluadas Bajo Riego y Temporal. Primera Reunion Estatal de Ciencia y Tecnologia en Durango.

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Castro, A., J. C. Rosas and E. D. Flores. 1999. Consideraciones para el Diseno de Esquemas de Produccion Artesanal de Semilla de Frijol en Centro America. Paper presented at the Workshop on Bean Seed Production in Central America: Experiences and Plans for the Future, San Jose, Costa Rica, April 28-30, p. 6.

Chipokosa, S. M. 1999. Species Composition, Distribution and Damage Caused by Bean Bruchids in Malawi. In H. R. Mloza-Banda (ed.) 2000. Proceedings of the Bean/Cowpea CRSP Entrepreneurship Workshop, Lilongwe, Malawi, August 4-6.

Christiansen, I. and P. H. Graham. 2000. Phosphorus Uptake and Utilization in Eight Andean Bean Lines Dependent on Biological Nitrogen Fixation. Proceedings of the 17th North American Conference on Symbiotic Nitrogen Fixation, Quebec, p. 76.

Costa, N. M. B., S. Kannan, A. C. Mason and A. R. Bonilla. 1998. Bioavailability of an Iron-Fortified Bean-Based Weaning Food. Experimental Biology '98, San Francisco, CA, April (Abstract).

Coyne, D. P. 2001. Breeding for and Genetics of Disease Resistance of Crop Plants in Global Setting. Breeding and Genetics Seminar, Department of Animal Science, University of Nebraska, Lincoln, NE, February 6.

_____. 2000. An Overview of Breeding and Genetics of Dry Beans and Squash. Agronomy and Horticulture Highlights Conference, Cornhusker Hotel, Lincoln, NE, December 5.

_____. 2000. Breeding for and Genetics of Disease Resistance of Crop Plants in Global Setting. Presented keynote address at the Annual Awards Banquet of Gamma Sigma Delta, University of Nebraska, Lincoln, NE, November 19.

_____. 2000. Chaired session and panel and acted as discussant at the "Germplasm Enhancement and Cultivar Development," Idaho Bean Workshop and Field Day, Twin Falls, Idaho, August 3-4.

_____. 2000. Invited lecture on Breeding for Multiple Disease Resistance in Common Beans for Sustainable Crop Production, Universidad Nacional Autonoma de Nicaragua, Leon, Nicaragua, March 12-17.

_____. 2000. Presented invited lecture in "Biological Sciences," University of Limerick, Limerick, Ireland, June 21.

_____. 1999. Breeding Beans for Disease Resistance. Invited to present seminar in the Genetics Panel, Animal Science Department, University of Nebraska-Lincoln, NE, January 25.

_____. 1999. Classical and Molecular Genetics and Breeding for Disease Resistance of Vegetables in Tropical and Temperate Regions. Seminar, Department of Horticulture, University of Nebraska-Lincoln, NE, February 8.

_____. 1999. An Overview of the Bean/Cowpea CRSP. Global Agriculture and the American Midwest: A Win-Win Exchange. Invited talk at Iowa State University, Ames, IA, March 18-19.

_____. 1999. Some Global Food Issues: Low Technology, High Technology, and Human Health. Invited to present lecture at United Nations, Lincoln Chapter, Lincoln, NE, March 22.

_____. 1999. Progress in Breeding and Genetics of Great Northern Pinto Beans for Multiple Disease Resistance, Seed Quality, Yield and Plant Type. Annual Dry Edible Bean Field Day, Scottsbluff, NE, August 18.

_____. 1999. The Bean/Cowpea Collaborative Research Support Program. Invited seminar at International Brown-Bag Lunch, University of Nebraska-Lincoln, NE, October 20.

_____. 1999. Breeding Great Northern and Pinto Dry Beans with Multiple Disease Resistance Combined with Improved Seed Quality, Yield and Plant Types. Oral Report to Nebraska Dry Bean Commission, November 5.

_____. 1998. Breeding and Genetics of Dry Beans for Disease Resistance in a Sustainable Production System, presented two lectures at the Universidad Nacional Autonoma de Nicaragua, Leon, Nicaragua, March 22-30.

_____. 1998. Insuring Opportunity in Food Systems: The Role of the Land Grant University. Invited talk at the NN-21 Symposium, Lincoln, NE, November 11.

_____. 1998. Some Global Food Issues: Low Technology, High Technology, and Human Health. The "Torch Club of Lincoln," Lincoln, NE, December 21.

_____. 1998. Classical and Molecular Genetics for Disease Resistance of Vegetables in Tropical and Temperate Regions. Invited Maiben Memorial Lecture, Annual Meeting of the Nebraska Academy of Science, Wesleyan University, Lincoln, NE, April 23.

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Coyne, D. P., E. Arnaud-Santana, J. Beaver, J. R. Steadman, G. Godoy-Lutz, D. Maxwell. 1997. A Disease Management Program Enhances Bean Production in the Dominican Republic. Poster presented at ASHS Meeting, Charlotte, NC, July 12-15.

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Coyne, D. P., N. Mutlu, H. Ariyaratne, S. Park, G. Jung, P. Skroch, J. R. Steadman, D. Lindgren, D. Nuland, J. Nienhuis, L. Sutton and J. Reiser. 1999. Classical and Molecular Genetics and Breeding for Resistance to Common Bacterial Blight, Halo Blight, and White Mold in Dry Beans. Bean Improvement Cooperative Meeting, Calgary, Alberta, Canada, November 10-12.

Coyne, D. P., S. O. Park and J. R. Steadman. 1999. Backcross Breeding with RAPD Molecular Markers to Enhance Resistance to Common Bacterial Blight (CBB) in Pinto Beans. Bean Improvement Cooperative Meeting, Calgary, Alberta, Canada, November 10-12.

Coyne, D. P. and J. R. Steadman. 1999. Presented progress reports on research at the W-150 Regional Project Meeting at Calgary, Alberta, Canada, November 8.

_____. 1997. Major Achievements and Perspectives in Genetics and Breeding of Dry Beans for Resistance to some Bacterial and Fungal Diseases. National Dry Bean Council Symposium held at Annapolis, MD, November 7.

Coyne, D. P., J. R. Steadman, D. Lindgren, D. Nuland, D. Smith, J. R. Stavely, J. Reiser and L. Sutton. 1997. Breeding Great Northern and Pinto Dry Beans with Disease Resistance Combined with Improved Seed Quality, Adaptation, Yield and Plant Type. Poster presented at the Bean Improvement Cooperative Meeting, Annapolis, MD, November 4-7.

Cuellar, R. E. I. 1998. Produccion de Semilla y Adopcion de Tecnologia de Frijol en Centro America y el Caribe. Taller: Experiencias en produccion de Semilla y Transferencia de Tecnologia, PROFRIJOL, San Jose de Costa Rica, March 23-27.

Cuellar, R. E. I., A. Ramirez A., and F. J. Ibarra P. 1999. Preferencias de Consumo de Frijol en Durango. Primera Reunion Estatal de Ciencia y Tecnologia en Durango.

Davila, M., D. Coyne, S. Singh and G. Jung. 1997. RAPD Molecular Markers for Genes Controlling Seedling Lethality (D1₁) and Plant Crippling (Lcr) in Common Beans. Poster presented at the Bean Improvement Cooperative Meeting, Annapolis, MD, November 4-7.

Davis, L., A. Mason and S. Nielsen. 1998. Sensory Acceptability of a Fermented Bean-Based Weaning Food. Institute of Food Technologists National Meeting, Atlanta, GA.

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Dumani, M. and S. Rodriguez. 2000. Proceso de Determinacion de Practicas Nutricionales Recomendables con Respecto al Frijol. Paper presented at IV National Congress of Public Health, Agosto, San Jose, Costa Rica.

Ergun, M., E. T. Paparozzi, D. Nuland, D. P. Coyne and D. Smith. 1998. Factors Affecting Seed Coat Yellowing of Pinto Beans. Poster presented at ASHS Meeting, Charlotte, NC, July 12-15.

Escoto, D., F. Rodriguez and J. C. Rosas. 1998. Evaluacion de Lineas Avanzadas en Condiciones de Baja Fertilidad y sion Insumos. Paper presented at the XLIV Annual PCCMCA Regional Meeting, Managua, Nicaragua, April 20-23.

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Estevez de Jensen, C. 1999. Root Rot Control in Kidneys. Northarvest Bean Grower Bean Day, January 22.

_____. 1999. Potato and Bean Field Day, Staples, August 12.

_____. 1999. Farmer's Tour Verndale Trials, August 6.

_____. 1999. Farmer's Tour Park Rapid Trials, July 22.

Estevez de Jensen, C. and P. H. Graham. 1999. The Bean/Cowpea CRSP as a Model for Collaborative International Agricultural Research. Symposium on "The Impact of Research on International Agriculture," St. Paul, MN, April 14.

Estevez de Jensen, C., J. E. Kurle and J. A. Percich. 2001. The Effect of Chisel and Moldboard Tillage on Dry Bean and Soybean Root Rot Caused by *Fusarium solani* f sp. *phaseoli* and *Rhizoctonia solani* in Minnesota. Phytopathology 91:S27. (Abstract)

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_____. 1998. Controlling Bean Root Rot. Northharvest Bean Grower's Association Meeting, Fargo, January.

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Faria, J. C., L. J. Cancado, M. M. C. Albino, B. B. A. Dias, M. G. R. Vianna, E. L. Rech, D. P. Maxwell and F. J. L. Aragao. 2000. Transgenic *Phaseolus vulgaris* Engineered with a Mutant *Rep* Gene had Resistance to Bean Golden Mosaic Geminivirus. Annual Meeting of the American Phytopathological Society, New Orleans, LA, August.

Faria, J. C. and D. P. Maxwell. 2001. Bean Transformation: Perseverance. Workshop on Applications of Biotechnology for Cowpea Improvement for Africa, Dakar, Sénégal, January.

_____. 1998. Variability in Geminivirus Isolates Associated with *Phaseolus* spp. in Brazil. International Workshop on Bemisia and Geminiviruses, San Juan, Puerto Rico, June.

Ferguson, A. and A. B. C. Mkandawire. 1997. Silent No More. Reflections on Political Change, Development and Collaborative Agricultural Research in Malawi. African Studies Association Meetings, Columbus, Ohio, November 12-15.

Fernandez, A. and G. Garcia. 2000. Resultados del uso de Medios de Comunicacion del Diagnostico para el Diseno de una Campana Educativa Tendiente a Incrementar el Consumo de Frijol en una Comunidad Urbano de Clase Media de Costa Rica. Paper presented at IV National Congress of Public Health, Agosto, San Jose, Costa Rica.

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_____. 2000. Genetic Relationship Among Isolates of the Web blight Pathogen of Common Beans Based on PCR-RFLP and Sequence of the ITS-DNA Region. Presented a poster and an oral presentation at the Third International Symposium on Rhizoctonia, Taichung, Taiwan, August 17-20.

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González-Martínez, N. A., J. S. Beaver, M. Alameda and F. Ferwerda. 2003. Búsqueda de nuevas fuentes a la resistencia a la mustia hilachosa en habichuela (*Phaseolus vulgaris* L.). Resúmenes Sociedad Puertorriqueña de Ciencias Agrícolas. Reunión Científica Anual 2003, p. 37.

Gonzalez-Ramirez, H. and R. H. Bernsten. 2004. Economic Evaluation of Bean Research Investment in Mexico, Bean Improvement Cooperative, No. 47, March, pp. 307-308.

Goytia, J. M. A., J. A. Acosta G. and J. Ortiz. 1998. Precocidad en la Tolerancia a Sequia Terminal en Frijol (*Phaseolus vulgaris* L.). XVII Congreso de Fitogenetica, Acapulco, Gro., p. 170.

Grafton, K. F., J. B. Rasmussen, J. R. Steadman and C. Donahue. 2001. Potential New Sources of Resistance to White Mold in the *Phaseolus* Core Collections. Proceedings of Sclerotinia 2001—The XI International Sclerotinia Workshop, York, England: Central Science Lab, July 8-12, p. 153-154. (Abstract)

Graham, P. H. 1998. El rol de los Microorganismos en la Sonstentibilidad de la Agricultura. Paper presented to the International Conference on Sustainable Agriculture, Quito, Ecuador.

Graham, P. H. and D. A. Allan. 2001. Can Soil Organisms Improve Agricultural Competitiveness and Sustainability? Also presented paper on Soil Microorganisms and Yield. Paper presented to the Brazilian Congress of Soil Science, Londrina, Brazil, August.

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Graham, P. H., K. G. Ballen, G. Bernal, B. Tlusty and S. Reddy. 2000. *Rhizobium gallicum*: A Misplaced Paire Rhizobium. Proceedings of the 17th North American Conference on Symbiotic Nitrogen Fixation, Quebec, p. 34, invited paper.

Green, S. K., S. L. Shih, M. Zaidan, D. P. Maxwell, M. K. Nakhla, H. Czosnek and A. Varma. 1998. Tomato Leaf Curl Virus and Mungbean Yellow Mosaic: Two Economically Important Geminiviruses in Asia. International Workshop on Bemisia and Geminiviruses, San Juan, Puerto Rico, June.

Guzman, P., P. Gepts, S. Temple, A. B. C. Mkandawire and R. L. Gilbertson. 1997. Group-Specific Detection of *Phaeoisariopsis griseola* from Infected Bean Leaves by Polymerase Chain Reaction (PCR). Phytopathology 87:S37 (Abstract).

Hangen, L. A. and M. R. Bennink. 2001. Consumption of *Phaseolus vulgaris* (Black Beans or Navy Beans) Reduces Colon Cancer in Rats. FASEB Journal 15:A61.

Hanson, S. F. and D. P. Maxwell. 1998. Inhibition of Geminiviral Replication by Trans-Dominant *rep* Gene Mutants. International Workshop on Bemisia and Geminiviruses, San Juan, Puerto Rico, June.

_____. 1997. Trans-Dominant Inhibition of Geminiviral Replication by *rep* Gene Mutants of Bean Golden Mosaic Geminiviruses. Phytopathology 87:S39 (Abstract).

Hosfield, G. and J. Beaver. 2001. Cooking Time in Dry Bean and Its Relationship to Water Absorption. Paper presented at the Annual Meeting of the American Society for Horticulture Science, Sacramento, CA, July 22-25.

Hosfield, G. L. and J. S. Beaver. 2001. Variability for Cooking Time in Dry Bean. HortScience 36:455-456. (Abstract)

Hosfield, G. L. and C. W. Beninger. 1999. Differential Leaching of Anthocyanins During Thermal Processing of Selected Black Bean (*Phaseolus vulgaris* L.) Genotypes. HortScience 34(3):509.

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Jacinto, H. C., H. S. Azpiroz R., J. A. Acosta G., H. Hernandez S., B. Baltazar M. and I. Bernal L. 1998. Tiempo de Coccion y su Heredabilidad en Lineas Avanzadas de Frijol. XVII Congreso de Fitogenetica, Acapulco, Gro., p. 448.

Jere, F. K. 1999. Bean Production Trends in Mzuzu ADD. In H. R. Mloza-Banda (ed.) 2000. Proceedings of the Bean/Cowpea CRSP Entrepreneurship Workshop, Lilongwe, Malawi, August 4-6.

Jung, G., H. Ariyaratne, D. P. Coyne, J. Nienhuis, S. Hirano and C. Upper. 1999. Consistency of Detected QTL for Bacterial Brown Spot Resistance Using RAPD Markers Over Environments in Common Bean. 96th Annual Meeting of the American Society for Horticultural Science, Minneapolis, MN, July 24-31.

Jung, G., J. Nienhuis, D. P. Coyne and H. M. Ariyaratne. 1998. Comparative Mapping of Three Bacterial, Three Fungal and One Virus Disease Resistance Genes in Common Bean. Paper presented at ASHS Meeting, Charlotte, NC, July 12-15.

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Kalonga, E. L. 1999. Bean Production Entrepreneurship and Land Pressure. In H. R. Mloza-Banda (ed.) 2000. Proceedings of the Bean/Cowpea CRSP Entrepreneurship Workshop, Lilongwe, Malawi, August 4-6.

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Karkashian, J. P., O. F. Collado, M. K. Nakhla, D. P. Maxwell, L. Hilje and P. Rameriz. 1998. Enhanced Symptom Severity in Mixed Infections of Two Tomato-Infecting Geminiviruses in Costa Rica. Poster presented at the 7th Latin American and Caribbean Workshop on Whiteflies and Geminiviruses, Managua, Nicaragua, October.

Karkashian, J. P. and D. P. Maxwell. Molecular Analysis of the coat Protein Gene Promoter of Bean Golden Mosaic Geminivirus. International Workshop on Bemisia and Geminiviruses, San Juan, Puerto Rico, June.

Karkashian, J. P., M. K. Nakhla, D. P. Maxwell and P. Ramirez. 1998. Molecular Characterization of Tomato-Infecting Geminiviruses in Costa Rica. International Workshop on Bemisia and Geminiviruses, San Juan, Puerto Rico, June.

_____. 1998. Enhanced Symptom Severity in Mixed Infections of Two Tomato-Infecting Geminiviruses in Costa Rica. APS Caribbean Division, Nicaragua, October.

Karkashian, J. and C. Zuniga. 1999. Geminivirus Diversity: A Proposal for a Regional Diagnosis Program. Paper presented at the 2nd Regional Workshop on Horticultural Crop Genetic Resources, San Salvador, El Salvador, August 24-26. Conference organized by REDCAHOR (Red Centroamericana de Hortalizas).

Karkashian, J., C. Zuniga, D. Maira, D. Maxwell and P. Ramirez. 2000. Estudio Molecular de los Geminivirus que Afectan Frijol en Costa Rica. IV Taller Annual de Resultados de Investigacion y Extension. PITTA-FRIJOL Programa de Investigacion y Transferencia de Tecnologia Agropecuaria en Frijol: (MAG, UCR, UNA, ONS, CNP, ITCR). Estacion Experimental Fabio Baudrit Moreno, Alajuela, Costa Rica, October 5-6.

Kashuliza, A. K. 1998. Financing Farmer Cooperatives in Tanzania: Challenges of Market Liberalization and Options. Paper presented at the Agricultural Economics Society of Tanzania (AGREST) Scientific Conference, Morogoro, May.

Kausi, M. J. 1999. Bean Production Trends in Shire Valley ADD. In H. R. Mloza-Banda (ed.) 2000. Proceedings of the Bean/Cowpea CRSP Entrepreneurship Workshop, Lilongwe, Malawi, August 4-6.

Kelly, J. D. 2000. Participated as commentator at Bean Research Production Workshop, Kimberly, Idaho, August 3-4. Webster D. and J. D. Kelly. 2000. Commentary on Germplasm Enhancement and Cultivar Development, Conference Proceedings, p. 55-60.

_____. 1999. Biotechnology Advances and Classical Genetic Improvement in Beans. Invited to give the keynote address at the National Bean Improvement Conference, VI Renafe Meeting, Salvador, Bahia, Brazil, November 21-26.

- _____. 1999. Perspectives of Plant Breeding in the Next Millennium. Biowork II Symposium, Plant Breeding in the Turn of the Millennium. University of Vicosa, M.G., Brazil.
- _____. 1998. Mejoramiento Genetico del Frijol en Michigan. Presentacion en el PROFRIJOL Taller Efectuado en Veracruz, Veracruz, Mexico, January 27-31.
- _____. 1998. Mejoramiento Genetico del Frijol. Presentacion en el I Simposium Internacional de Frijol Efectuado en Zacatecas, Zacatecas, Mexico, May 27-29.
- _____. 1998. Breeding Beans for Sustainable Agriculture. XVII Congreso de Fitogenetica, SOMEFI, Acapulco, Guerrero, Mexico, October 5-9.
- _____. 1997. The Genus *Phaseolus*. Presented at the Symposium "Food Legumes: Cytogenetics and Germplasm Enhancement" held as part of ASA Meetings, Anaheim, CA, October 26-31.
- Kelly, J. D. and J. R. Kolkman. 2001. QTL Analysis of Resistance to White Mold in Common Bean. Presented a poster at Sclerotinia 2001 Workshop in York, U.K. July 8-12.
- Kelly, J. D., M. Melotto and E. Esteban. 2000. Integrado la Biotecnologia con los Metodos Clasicos en la Mejora de la Judia. Invited Keynote Address at the Seminario de Mejora Genetica Vegetal Workshop, Lugo, Spain, November 22-24.
- Kurle, J. E., C. Estevez de Jensen and J. A. Percich. 2001. Tillage Effects of Root Rot Severity and Seed Yield in Soybean and Dry Bean. Agronomy Abstracts.
- Larsen, R. C., P. N. Miklas and K. D. Druffel. 2004. Evidence of Genomic Recombination Between BCMNV and BCMV. 2004. Annual Report of the Bean Improvement Cooperative 47:121-122.
- Lopez-Salinas, E. 1998. Experiencias de la Produccion de Semillas de Frijol Kilo x Kilo. Presentacion en la XLIV Reunion Anual del PCCMCA. Reunion Mesoamericana de Agronomia, Montelimar, Nicaragua, April 20-26.
- Mabagala, R. 2001. Overview of Bena Pathogens Disseminated Through Seed. Presented in Arusha, Tanzania, January 12-14, 2001 in the Workshop "Bean Seed Multiplication, Dissemination, Entrepreneurship and Quality Concerns in East Africa: Current Status and Future Needs."
- _____. 2000. Simple Testing Techniques for Halo Blight and Common Bacterial Blight. On-Farm Seed Production Seminar for Seed Farm Managers. Agricultural Sector Program Support-Seed Unit, Ministry of Agriculture and Cooperatives, April 20.
- _____. 1999. Seed Health Programmes in Tanzania. International Follow up Seminar on Management and Extension in Plant Protection. German Foundation for International Development (DSE) and Plant Protection Division of the Ministry of Agriculture and Cooperatives, November 8-25.
- Macchiavelli, R. and J. S. Beaver. 1999. Analysis of Genotype-by-Environment Interaction with AMNI Models using SAS PROC Mixed. Presentation at the XI Conference on Applied Statistics in Agriculture, Manhattan, Kansas.
- Maghembe, N. A., C. L. Rweyemamu and S. Nchimbi-Msolla. 1999. Use of Bean Model BEANGRO V3.1 for Drought Resistance Studies under Morogoro Conditions. In Faculty of Agriculture (FoA). Agricultural Research Challenges for the 21st Century. Proceedings of the 4th Annual Research Conference of the Faculty of Agriculture, Morogoro, Tanzania, November 17-19.
- Manyuka-Banda, B. D. 1999. Bean Production Trends in Blantyre ADD. In H. R. Mloza-Banda (ed.) 2000. Proceedings of the Bean/Cowpea CRSP Entrepreneurship Workshop, Lilongwe, Malawi, August 4-6.

Martinez, L. and R. Bernsten. 2004. Applying Business Techniques to Analyze Market Opportunities for Staple Foods: The Strategic Positioning of the Dry Bean Subsector in Central America. Paper presented at the 14th Annual World Food and Agribusiness Symposium and Case Study Conference "Sustainable Value Criteria in the Food Chain" June 12-15, Montreux, Switzerland.

Martinez, L., R. Bernsten and M. Zamora. 2004. Estrategias de Mercado Para el Frijol Centroamericano. Paper presented at the PCCMCA Meeting, April 19-23, San Salvador, El Salvador; and accepted for published in *Agro Meseo* (2004).

Masangano, C. 2001. Factors Influencing Farmers' Willingness to Adopt Kalima in Malawi. Presented in Arusha, Tanzania, January 12-14, 2001 in the Workshop "Bean Seed Multiplication, Dissemination, Entrepreneurship and Quality Concerns in East Africa: Current Status and Future Needs."

Maxwell, D. P. Maxwell, D. P. 2001. Geminiviruses: Passport to the World. Antigo, WI. Featured speaker for the Wisconsin Certified Potato Growers Association Annual Meeting, March.

_____. 2001. Diversity of Begomoviruses and their Management. Symposium speaker at the Caribbean Division of the American Phytopathological Society Meeting, Cuba, June.

_____. 2000. Geminiviruses: Characterization, Management Options and Antiviral Strategies. Nebraska Wesleyan University, Lincoln, NE, September 15.

_____. 2000. Engineering Transgenic Beans and Tomatoes with Resistance to Tropical Viruses. Food Research Institute Symposium, Madison, WI, May 31.

_____. 2000. Bean-Infecting Geminivirus; Recent Advances. Bean/Cowpea CRSP Midcourse 2000 Researchers Meeting, Michigan State University, East Lansing, MI, April.

_____. 1998. CRSP Programs as a Model for International Agriculture Funding. APS Caribbean Division, Nicaragua, October.

Maxwell, D. P., R. L. Gilbertson, S. F. Hanson and J. Faria. 2000. Research Advances in Bean-Infecting Geminiviruses. 6th National Bean Research Conference, San Salvador, Brazil, CNFAF/EMBRAPA, November.

Maxwell, D. P., N. K. Nakhla, J. L. Potter, L. Mejia, J. Karkashian, P. Ramirez and M. M. Roca de Doyle. 2001. Diversity of Tomato-Infecting Geminiviruses and Implications for Management. Tomato Breeders Round table, Antigua, Guatemala, March.

Mayek, P. N., C. Lopez C. and J. A. Acosta G. 1998. Efecto del Deficit Hidrico y *Macrophomina phaseolina* en las Relaciones Hidricas y el Crecimiento del Frijol. XVII Congreso de Fitogenetica, Acapulco, Gro., p. 164.

Mejia, L. and J. L. Potter. 2001. General Detection Methods for Whitefly-Transmitted Geminiviruses and Applications for Management. ICTA, Guatemala City, March 30.

Mejia, L., R. E. Teni, M. K. Nakhla and D. P. Maxwell. 1998. Tomato-Infecting Whitefly-Transmitted Geminiviruses in Guatemala. International Workshop on Bemisia and Geminiviruses, San Juan, Puerto Rico, June.

Membreno, J. B., M. Zapata, J. Beaver and J. Smith. 2000. Microflora Portada en Semillas de Frijol (*Phaseolus vulgaris* L.). Paper presented at the XLVI Annual Meeting of the PCCMCA, San Juan, Puerto Rico, May 1-5.

Miklas P. N. and J. D. Kelly. 2000. Marker-Assisted Selection for Enhanced Disease Resistance in Common Bean. Chosen for oral presentation at the Durable Disease Resistance Conference held in Wageningen, Holland, November 29- December 1.

Miles, C. A. and M. Sonde. 2004. Evaluation of Water Absorption Rate in Niche Market Dry Beans. Bean Improvement Cooperative, Volume 47:219-220.

Mkandawire, A. B. C. 1999. Potential of Beans for Crop Diversification in Malawi. In H. R. Mloza-Banda (ed.) 2000. Proceedings of the Bean/Cowpea CRSP Entrepreneurship Workshop, Lilongwe, Malawi, August 4-6.

Mkandawire, A. B. C., S. Benati, D. Pankomera and N. Z. Lupwayi. 1997. Drought Tolerance in African Common Bean Genotypes. African Crop Science Conference Proceedings 3:239-246.

Mkandawire, A. B. C., N. I. K. Mphangwe, A. N. Mangwele and N. Z. Lupwayi. 1997. Biological Nitrogen Fixation in Africa Common Bean (*Phaseolus vulgaris* L.) Genotypes. African Crop Science Proceedings 3:315-322.

Mink, G. I. 1998. Recombination within the BCMV Subgroup: Implications for Africa. Presentation to the Third Pan-African Pathology Working Group Meeting, Thika, Kenya, May 25.

_____. 1998. Legume-Infecting Potyviruses. Seminar presented at HRI, Wellesbourne, UK, April 23.

Mink, G. I. and J. R. Myers. 1998. Implications of Viral Recombination for Breeding Bean Varieties Resistant to BCMV and MCMNV. Seminar presented to TPRI, Arusha, Tanzania, April 30.

Msiska, B. N. C. 1999. Community-Based Small-Scale Bean Multiplication and Dissemination: The Experiences of Malawi Smallholder Seed Development Project (MSSDP) of ActionAid. In H. R. Mloza-Banda (ed.) 2000. Proceedings of the Bean/Cowpea CRSP Entrepreneurship Workshop, Lilongwe, Malawi, August 4-6.

Msowoya, R. M. K. 1999. Bean Production Trends in Karonga Agricultural Development Division. In H. R. Mloza-Banda (ed.) 2000. Proceedings of the Bean/Cowpea CRSP Entrepreneurship Workshop, Lilongwe, Malawi, August 4-6.

Msuku, W. A. B., H. R. Mloza-Banda, A. E. Ferguson and A. B. C. Mkandawire. 1998. Status of Seed-Borne Diseases in Malawi Bean Germplasm Collected from Markets. Paper presented at the 3rd Plant Pathology Working Group Meeting, Thika, Kenya, May 25-28.

Munoz, L. M., R. Y. Monge and A. R. Bonilla. Consumo de un Producto a Base de Frijol Fortificado con Hierro en Niños de Edad Pre-Escolar. Evaluación de sus Efectos en sus Estatus de Hierro. Congreso Internacional y Congreso Nacional de Salud Pública, San Jose, Agosto 13-14.

Mutlu, N., D. P. Coyne and K. S. Gill. 2001. Cloning, Sequencing and Mapping of P-Loop Containing Genes for Disease Resistance in *Phaseolus vulgaris* L. HortScience 36:562-563. (Abstract)

Mutlu, N., D. P. Coyne, S. O. Park and J. R. Steadman. 1999. Backcross Breeding with RAPD Molecular Markers to Enhance Resistance to Common Bacterial Blight in Pinto Beans. 96th Annual Meeting of the American Society for Horticultural Science, Minneapolis, MN, July 24-31.

Mutlu, N., D. P. Coyne, J. R. Steadman, J. Reiser and L. Sutton. 2001. Progress in Backcross Breeding with RAPD Molecular Markers to Pyramid QTLs for Resistance to Common Bacterial Blight in Pinto and Great Northern Beans. HortScience 36:450. (Abstract)

Mwale, C. H. L. 1999. The Status of Bean Production in Lilongwe Agricultural Development Division. In H. R. Mloza-Banda (ed.) 2000. Proceedings of the Bean/Cowpea CRSP Entrepreneurship Workshop, Lilongwe, Malawi, August 4-6.

Mwenda, A. R. E. 1999. The Concept of "Smallholder" Producer and Estate Producer in Development of Bean Entrepreneurship. In H. R. Mloza-Banda (ed.) 2000. Proceedings of the Bean/Cowpea CRSP Entrepreneurship Workshop, Lilongwe, Malawi, August 4-6.

Myers, J. R. 2000. Tomorrow's Snap Bean Cultivars. Idaho Bean Workshop and Field Day, Kimberly, ID, August 3-4 (invited presentation).

_____. 2000. Breeding Activities in the East African Project Vision Statement, Bean/Cowpea CRSP Midcourse 2000 Researchers Meeting, April 8-16 (invited presentation).

_____. 1999. Utilizing and Evaluating NPGS Germplasm Resources and Breeding Development. Farmer Cooperative Genome Project Meeting, Salem, OR, March 26-28, invited presentation.

_____. 1999. Breeding Green Beans for the 21st Century. Plant Breeding and Biotechnology Seminar Series Winter Term 1999. Ohio State University, invited presentation.

_____. 1998. New Insights into the Genetics of BCMV Resistance. Presentation to the 3rd Pan-Africa Pathology Working Group Meeting, Thika, Kenya, May 25.

Myers, J. R., J. Davis, B. Yorgey and D. Kean. 2004. Mapping Quantitative Trait Loci for Green Bean Traits of Horticultural Importance. Annual Report of the Bean Improvement Cooperative 47:75-76.

Nakhla, M. K. 1999. Workshop on Basic Techniques in Plant Biotechnology and Molecular Biology. University of West Indies, Kingston, Jamaica, August 17-19. (Scientists from the English speaking Caribbean Basin attended this workshop where geminiviruses were used as the model for understanding molecular biology techniques.

Nakhla, M. K., A. J. Hruska and D. P. Maxwell. 1998. Geminiviruses Associated with Tomatoes, Beans and Sida spp. in Honduras. International Workshop on Bemisia and Geminiviruses, San Juan, Puerto Rico, June.

Nakhla, M. K. and D. P. Maxwell. 2000. Detection Methods and Management Strategies for Geminiviruses. University of Tunisia, Tunis, November.

Navarrete, K. and A. R. Bonilla. 1999. Efecto de la Molienda y Coccion en la Digestibilidad *in vitro* Efecto de la Molienda y Coccion en la Digestibilidad *in vitro* Efecto de la Molienda y Cocci n en la Digestibilidad *in vitro* del Almidon del Frijol (*Phaseolus vulgaris*). Proceedings 1er Congreso Nacional de Ciencia y Tecnologia de Alimentos, San Jose, Costa Rica.

Navarrete-Maya, R. 1998. Reaccion de Variedades de Frijol (*Phaseolus vulgaris* L.) A *Fusarium* spp. Presentation en la XLIV Reunion Anual del PCCMCA, Reunion Mesoamericana de Agronomia, Montelimar, Nicaragua, April 20-26.

Navarrete-Maya, R. and J. A. Acosta-Gallegos. 1998. Resistencia del Frijol al Tizon de Halo en el Valle de México y Progreso de la Enfermedad. Presentacion en el I Simposium Internacional de Frijol Efectuado en Zacatecas, Zac., May 27-29.

Nchimbi-Msolla, S. 2001. Performance of 35 Common Bean Obtained from the Drought Resistant Nursery. Presented in Arusha, Tanzania, January 12-14, 2001 in the Workshop "Bean Seed Multiplication, Dissemination, Entrepreneurship and Quality Concerns in East Africa: Current Status and Future Needs."

Nchimbi-Msolla, S. and R. Misangu. 2001. Seasonal Distribution of Bruchids in Bean Seed in Areas of Tanzania. Presented in Arusha, Tanzania, January 12-14, 2001 in the Workshop "Bean Seed Multiplication, Dissemination, Entrepreneurship and Quality Concerns in East Africa: Current Status and Future Needs."

Nin, J., F. Saladin, E. Arnaud, J. Steadman, D. P. Coyne and J. S. Beaver. Liberacion y Promocion de Nuevas Variedades de Frijol en la Republica Dominicana. Paper presented at the XLIV Annual PCCMCA Regional Meeting, Managua, Nicaragua, April 20-23.

Nova, S. 2000. Efecto de la Densidad Poblacional en el Rendimiento de Ocho Variedades de Habichuelas en el Valle de San Juan de la Maguana. Oral Presentation.

Nunez, G. S., A. Castillo R. and J. A. Acosta G. 1998. Efecto de Antracnosis Sobre el Rendimiento de Lineas de Frijol Flor de Mayo en los Altos de Jalisco. XVII Congreso de Fitogenetica, Acapulco, Gro., p. 175.

Nyirenda, G. K. C. 1999. Bean Pests and their Management in Malawi. In H. R. Mloza-Banda (ed.) 2000. Proceedings of the Bean/Cowpea CRSP Entrepreneurship Workshop, Lilongwe, Malawi, August 4-6.

Ochoa I. E., M. W. Blair, K. M. Brown and J. P. Lynch. 2004. Genotypic Variation in Adventitious Rooting Under Low Phosphorus Availability in Common Bean (*Phaseolus vulgaris* L.). Annual Report of the Bean Improvement Cooperative.

Osorno, J. M., M. Acevedo Roman, C. G. German Muñoz Perea, F. H. Ferwerda and J. S. Beaver. 2004. Recent Advances in the Development of Bean Golden Yellow Mosaic Resistant Bean Lines. Annual Report of the Bean Improvement Cooperative 47:51-52.

Padilla, R. S., E. Acosta D., J. A. Acosta G and R. Ochoa M. 1998. La Temperatura Foliar Como Indicador de la Tolerancia al Estres Hidrico en Ocho Genotipos de Frijol. XVII Congreso de Fitogenetica, Acapulco, Gro., p. 162.

Park, S. O., D. P. Coyne and J. R. Steadman. 2004. Confirmation of the Ur-6 Location in *Phaseolus vulgaris* L. Annual Report of the Bean Improvement Cooperative 47:265-266.

_____. 2004. Development of a SCAR Marker Linked to the Ur-7 Gene in Common Bean. Annual Report of the Bean Improvement Cooperative 47:269-270.

_____. 2004. Survey of RAPD and SCAR Markers Linked to the Ur-6 Gene in Middle American and Andean Bean. Annual Report of the Bean Improvement Cooperative 47:117-118.

Park et al. 2000. Mapping of QTL for Resistance to White Mold. Presented two talks and a poster paper on Tagging a Gene for Resistance to Rust at the Annual Meeting of the American Society of Horticulture Science, Orlando Florida, July 23-26.

Park, S. O., D. P. Coyne and G. Jung. 1998. Gene Estimation, Associations of Traits and Confirmation of QTL for Common Bacterial Blight Resistance in Common Bean. Poster presented at ASHS Meeting, Charlotte, NC, July 12-15.

Park, S. O., D. P. Coyne, G. Jung, E. Arnaud-Santana and H. Ariyaratne. 1998. Detection and Mapping of RAPD Markers Associated with QTL Affecting Seed Size and Shape in Common Bean. Paper presented at ASHS Meeting, Charlotte, NC, July 12-15.

- Park, S. O., D. P. Coyne, N. Mutlu, G. Jung and J. R. Steadman. 1999. Confirmation of Molecular Markers and Flower Color Associated with QTL for Resistance to Common Bacterial Blight in Common Beans. 96th Annual Meeting of the American Society for Horticultural Science, Minneapolis, MN, July 24-31.
- Park, S. O., D. P. Coyne, N. Mutlu, G. Jung, J. R. Steadman and L. Sutton. 1999. Confirmation of Molecular Markers and Flower Color Associated with QTL for Resistance to Common Bacterial Blight in Common Beans. Bean Improvement Cooperative Meeting, Calgary, Alberta, Canada, November 10-11.
- Park, S. O., D. P. Coyne and J. R. Steadman. 1999. Molecular Markers Linked to the *Ur-7* Gene Conferring Specific Resistance to Rust in Common Bean. 96th Annual Meeting of the American Society for Horticultural Science, Minneapolis, MN, July 24-31 and the Bean Improvement Cooperative Meeting, Calgary, Alberta, Canada, November 10-11.
- Park, S. O., D. P. Coyne, J. R. Steadman and M. A. Brick. 2004. Survey of RAPD and SCAR Markers Linked to the *Ur-6* Gene in Pinto Beans. Annual Report of the Bean Improvement Cooperative 47:267-268.
- Park, S. O., D. P. Coyne, J. R. Steadman and G. Jung. 1999. Mapping of Molecular Markers and Seed Coat Pattern Associated with QTL Affecting White Mold Resistance in Common Bean. 96th Annual Meeting of the American Society for Horticultural Science, Minneapolis, MN, July 24-31.
- Perez, H. P., E. Acosta D. and J. A. Acosta G. 1998. Efecto de la Sequia en la Calidad Fisica, Culinaria y Nutricional de 20 Genotipos de Frijol Comun. XVII Congreso de Fitogenetica, Acapulco, Gro., p. 449.
- Ploper, L. D., P. E. Rodriguez-Pardina, I. G. Laguna, G. A. Truol, K. Hanada, G. Rivas-Platero, P. Rameriz and P. S. Herrera. 1998. Presencia de un Geminivirus en Cultivos de Soya del Noroeste Argentino. EEAOC-Avance Agroindustrial (Argentina), Ano 19, No. 74.
- Porch, T., J. C. Rosas, S. Serrano and R. Bernsten. 2000. Potencial para el Incremento en la Produccion de Frijol Comun en Zonas Bajas de Honduras. Paper presented at the XLVI Annual Meeting of the PCCMCA, San Juan, Puerto Rico, May 1-5.
- Posa, M. C., G. L. Hosfield, J. D. Kelly and K. F. Grafton. 1999. Variability for Processing Quality Traits in Two Recombinant Inbred Populations of Kidney Bean. Poster presentation at 96th Annual Meeting of the American Society for Horticultural Science, Minneapolis, MN, July 28-31.
- Potter, J. L. 2001. Introduction to Whitefly-Transmitted Geminiviruses. Workshop on Molecular and Serological Methods for Detection of Plant Viruses. San Carlos University, Guatemala City, April 25-27.
- _____. 2001. Introduction to PCR and DNA Hybridization: Primer Design, Extraction Methods, Agarose Gel Electrophoresis. Workshop on Molecular and Serological Methods for Detection of Plant Viruses. San Carlos University, Guatemala City, April 25-27.
- _____. 2000. Evaluation of Molecular Methods for Detection of Bean-Infecting Geminiviruses. Department of Plant Pathology, University of Wisconsin-Madison, October.
- Ramirez, P. 1999. Molecular Strategies for Geminiviruses Control and Geminiviruses Infecting Cucurbits. Horticulture Crop Breeding and Genetics Workshop: The Use of Molecular Markers. CATIE, Turrialba, Costa Rica, June 7-12. (Sponsored by REDCAHOR-Red Centroamericana de Hortalizas).
- Ramirez, P., J. Karkashian and D. Maxwell. 1999. Curso Sobre Mejoramiento Genetico de Hortalizas: Aplicacion de Marcadores Moleculares. Conferencia Impartida: Estrategias Moleculares para el Control de lost Geminivirus. Organizado por REDCAHOR/IICA, CATIE, Turrialba, Costa Rica, June 7-12.

Ramirez, P., J. P. Karkashian, D. P. Maxwell and C. Rivera. 1998. Molecular Characterization of Geminiviruses in Costa Rica. International Workshop on Bemisia and Geminiviruses, San Juan, Puerto Rico, June.

Ramirez, P. J. Karkashian, C. Zuniga, M. Diaz, R. Rojas, D. Maxwell, A. Serrano, O. Collado and C. Rivera. 2000. Estrategias Moleculares para el Control de Geminivirus (PROGEMINI). Primer Congreso de Investigacion Costa Rica en el ano 2000, los retos y Propuestas de Investegacion en el III Milenio. San Jose, Costa Rica, March 14-15.

Ramirez, P., D. Maira, C. Zunga, D. Maxwell and J. Karkashian. 2000. Caracterizacion de Geminivirus en Costa Rica (PROGEMINI). VIII Congreso Latinamericano y del Caribe Sobre Manejo Integrado de Plagas. IX Taller Latinamericano y del Caribe Sobre Mosca Blanca y Geminivirus, November 22-24.

Ramirez, P. and D. P. Maxwell. 2001. Why Should We Identify Geminiviruses? Central American Whitefly Meeting held in conjunction with the Caribbean Division of the American Phytopathological Society Meeting, Cuba, June.

Rivera-Vargas, L. I., J. Beaver, D. E. Purcifull, H. Hiebert and V. Bracero-Acosta. 1999. ELISA and PCR as Diagnostic Tools for Bean Golden Mosaic Virus in Puerto Rico. Paper presented at the Annual Meeting of the Caribbean Division of the American Phytopathological Society, San Juan, Puerto Rico, June 21-25.

Roca de Doyle, M. 1999. The Geminivirus-Whitefly Complex: Current Situation in Honduras after Hurricane Mitch. APS Caribbean Division, Puerto Rico, June.

_____. 1999. Update on Geminivirus-Whitefly Complex in Honduras. Vegetable Production Workshop, September, San Salvador.

Rodriguez-Burger, A. P., A. C. Mason and S. S. Nielsen. 1997. Use of Fermented Beans Combined with Rice to Develop a Weaning Food of High Nutritional Quality. Institute of Food Technologists National Meeting, Orlando, Florida.

Roman, B. and J. S. Beaver. 2000. Heredabilidad de Tolerancia al Calor en una Poblacion de Habichuela (*Phaseolus vulgaris* L.) de Origen Andino. Paper presented at the XLVI Annual Meeting of the PCCMCA, San Juan, Puerto Rico, May 1-5.

Rosales, S. R., R. Ochoa M. and J. A. Acosta G. 1998. Fenologia y Adaptacion del Frijol en el Altiplano de México. XVII Congreso de Fitogenetica, Acapulco, Gro., p. 165.

Rosas, J. C. 2001. Experiencias en la aplicacion de metodologias participativas para el mejoramiento genetico del frijol comun en Centro America. Proceedings of the Annual Meeting of the Collaborative Program for Participatory Plant Breeding in the Mesoamerican Region, Managua, Nicaragua, May 28-30.

_____. 2001. Experiencias en la aplicacion de metodologias participativas para el mejoramiento genetico del frijol comun en Centro America. Proceedings of the XLVII Annual Meeting of the PCCMCA (Cooperative Program for the Improvement of Crops and Animals), San Jose, Costa Rica, April 2-6.

_____. 2001. Enfoques participativos para el mejoramiento genetico del frijol comun y maiz en Centro America. Proceedings of the Conferencia Internacional sobre Futuras Estrategias para Implementar el Mejoramiento participativo en los Cultivos de las Zonas Altas en la Region Andina, Quito, Ecuador, September 23-27.

_____. 2000. Participatory Methodologies for the Genetic Improvement of Common Beans in Honduras. Proceedings for the III International Seminar and Small Grants Workshop, PRGA/CGIAR, Nairobi, Kenya, November 5-11.

_____. 2000. Metodologías Participativas para el Mejoramiento Genético del Frijol Común en Mesoamérica. Paper presented at the Annual Meeting of the Participatory Plant Breeding Program for Mesoamerica, Guatemala City, Guatemala, April 25-26.

_____. 2000. Mejoramiento Genético del Frijol Rojo Mesoamericano para Centro América y El Caribe. Paper presented at the National University Scientific Annual Meeting, La Ceiba, Honduras, May 22-26.

_____. 1999. Programas de Mejoramiento en Frijol. Presented at the Short Course on Genetic Improvement of Vegetable Crops: Applications of Molecular Markers. Organized by REDCAHOR (Vegetable Research and Development for Central America, Dominican Republic and Panama). Turrialba, Costa Rica, June 7-12.

_____. 1998. Mejoramiento de frijol rojo pequeño en Honduras. In Proceedings of Taller de mejoramiento de frijol negro mesoamericano. PROFRIJOL/INIFAP, Veracruz, México, January 27-31, p. 85-92.

_____. 1998. Metodologías Participativas para el Mejoramiento Genético del Frijol. 2nd International Seminar on Systemwide Initiative on Participatory Research and Gender Analyses. SWI PRGA, CGIAR, Quito, Ecuador, September 7-12.

Rosas, J. C., J. S. Beaver, S. Beebe and A. Viana. 2004. Names of Common Bean Varieties Released in Central America and the Caribbean. Annual Report of the Bean Improvement Cooperative 47:329-330.

Rosas, J. C. and A. Castro. 2001. Presentations at the Short Course on Bean and Maize Breeding for Central America, Zamorano, Honduras, April 23-25.

_____. 2000. Mejoramiento Genético del Frijol Mesoamericano en Centro América y El Caribe. Paper presented at the XLVI Annual Meeting of the PCCMCA, San Juan, Puerto Rico, May 1-5.

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F. WEB-BASED MATERIALS, VIDEOS, RADIO AND TV

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