

Curriculum Vitae

Ronald D. French-Monar, Ph.D.

Department of Plant Pathology and Microbiology
AgriLife Extension Service-Texas A&M System
6500 Amarillo Blvd. W.

Amarillo, TX 79106

Tel: 806-677-5600

Fax: 806-677-5644

E-mail : rdfrench@ag.tamu.edu

RESPONSIBILITIES

Grain and vegetable crops are produced in the Texas High Plains and face old and new disease problems. My extension programs will include agent training, coordination with grower/producers groups, plant disease fact sheets, as well as plant disease control and management options based on field trials and experiments. Applied research will involve characterizing plant pathogens and the diseases they cause in order to implement management practices. The plant diagnostic lab component will try to determine causal agent of diseased plants in a timely and efficient manner so that management options can be implemented as soon as possible.

Coordinator of the Texas High Plains Plant Diagnostic Laboratory (GPDN-Texas)

EDUCATION

Ph.D.	May 2004	Plant Pathology	University of Florida, Gainesville, FL
M.Ag.	Dec. 1995	Plant Pathology	North Carolina State University, Raleigh, NC
B.Sc.	May 1992	Plant Science	Cornell University, Ithaca, NY 14853

APPOINTMENTS

Assistant Professor and Extension Specialist, Department of Plant Pathology and Microbiology, Texas AgriLife Extension Service, Texas AgriLife Research and Extension Center, Amarillo, TX 79106 (March 2007 – present)

Postdoctoral Research Associate, University of Florida-IFAS, Southwest Florida Research and Education Center, Immokalee, FL 34142 (May 2004-March 2007)

RELEVANT WORK EXPERIENCE

May 2004- March 2007

**Research Associate
Plant Pathology Department
University of Florida IFAS
SW Florida Research & Education Center
Immokalee, FL 3414-9515
Supervisor: Pamela D. Roberts**

Responsibilities:

1) A grant (U.S.D.A. T-STAR) was awarded for the “Characterization and pathogenic potential of *Phytophthora capsici* on diverse hosts, its survival, and management”. Research will compare isolates from Florida and Puerto Rico. Hosts will include tropical crops which may harbor this pathogen or the closely related *P. tropicalis*. Other *Phytophthora* spp. will be used for phylogenetic characterization. **Co-Principal Investigator**

2) Pathogenicity trials on **bell pepper, tomato, watermelon, and squash** using isolates of *P. capsici* isolated from these hosts during the past two decades.

3) Field trials with breeding lines of *Capsicum* spp. for resistance to Phytophthora crown and root rot (with Sakata Seed)

4) Field trials with bell peppers to test chemical, biological, experimental, and alternative methods for the management of *P. capsici* in both fall and spring growing seasons. Currently (Fall 2006) testing IR-4 suggested chemicals as well as for industry.

5) Maintain the *Phytophthora* Collection at SWFREC-Immokalee.

6) Test plant extracts for inhibition of *Phytophthora capsici*, and **bacteria** such as *Xanthomonas perforans* (*X. campestris* pv. *vesicatoria* Race 3), and *Pseudomonas syringae* pv. *syringae* (project with B.S student from Earth University, Costa Rica).

7) Assist with plant disease clinic samples when necessary.

August 1998- May, 2004

**Graduate Research Assistant
Plant Pathology Department
University of Florida
Major Advisor: Dr. Jeffrey B. Jones
Co-advisor: Pamela D. Roberts**

RESEARCH RESPONSIBILITIES: Characterize populations of *Phytophthora capsici* from Florida. Collection of 150 isolates was obtained by diseased tissue sampling, soil sampling, and through collaborators and verified as *P. capsici* by morphology and PCR. Isolates of this pathogen were characterized by compatibility type, sensitivity to the fungicide mefenoxam, and by molecular phylogeny using nuclear and mitochondrial nucleotide sequences. *P. capsici* ecology included survival in soil and pathogen survival in weeds.

TEACHING RESPONSIBILITIES: Served as Laboratory Instructor for Mycology (Fall 2000 and Fall 2002), Plant Disease Epidemiology (Spring 2003), and Plant Disease Diagnosis (Spring 2003). In addition, helped teach a workshop on Oomycetes (Fall 1999), taught the *Phytophthora* spp laboratory in Fungal Plant Pathogens (Fall 2000), taught one laboratory on Inoculum Density: Disease Incidence for Plant Disease Epidemiology (Spring 2004). Trained an M.S. student on techniques for experimentation with *Cercospora* spp. and a B.S. student on techniques for experimentation with *Phytophthora* spp.

January 1998-July 1998

**International Agriculture Communicator for
Epcot's International Flower and Garden Festival 1998
Representing the International Potato Center**

Responsibilities: Helped in the set-up of a traditional Latin American farm and house. Delivered twenty-minute presentations four times a day for 45 days on the agriculture of the region and the work that is being carried out by the Consortium General for International Agricultural Research (CGIAR) in order to promote sustainable agriculture. Presented guests with important information on relevant topics like biodiversity, biotechnology and IPM. Introduced visitors to regional crops and plants like colored potatoes, corn, beans, chayote, cassava, tomatillo, coffee, and banana. Related my experience in plant pathology and my life in Peru to the overall context of my delivery. Pre-festival duties included taking courses in communication, speech, and guest relations. Post-festival activities included taking seminars/lectures in Human Resources and Management as well as analyzing the overall results of the festival and recommend ways to improve the display for the following year. **Supervisor:** Dr. Mary Schon.

July 1996- Dec.1997 **Plant Pathology Research Assistant**
The Land Science & Technology, Epcot,
Walt Disney World, Lake Buena Vista, Florida

Responsibilities: 1) Evaluate existing methods of application of **compost** or compost leachates used by Parks Horticulture for their effectiveness in suppressing root diseases of **ornamentals** caused by *Phytophthora nicotianae*, *Pythium myriotylum* and *Rhizoctonia solani*; 2) Develop an optimal soil compost medium for suppression of soilborne plant pathogens; and 3) To document the incidence and severity of naturally occurring root diseases in ornamental landscape beds at Epcot. **Supervisor:** Dr. Andrew C. Schuerger.

January 1996-July 1996 **International Agriculture Research Communicator for**
Epcot's International Flower and Garden Festival 1996
Representing the International Potato Center

Responsibilities: Helped in the set-up of a traditional Latin American farm and house. Delivered twenty-minute presentations four times a day for 45 days on the agriculture of the region and the work that is being carried out by the Consortium General for International Agricultural Research (CGIAR) in order to promote sustainable agriculture. Presented guests with important information on relevant topics like biodiversity, biotechnology and IPM. Introduced visitors to regional crops and plants like colored potatoes and corn, beans, chayote, cassava, tomatillo, coffee, and banana. **Supervisor:** Dr. Lexie McKentley

May 1994-Dec.1995 **Graduate Assistant**
Plant Pathology Department: Soilborne Pathogens
North Carolina State University

Responsibilities: Conducted summer field studies on the dispersal gradient of *Phytophthora capsici* in soil using bell peppers (*Capsicum annuum*) as the indicator plant. The field responsibilities included soil sampling, soil dilution plating, tissue sampling, root sampling, aboveground disease ratings, and root disease ratings. Helped optimize a PCR primer (PCAP) for detection of *P. capsici*. The laboratory component consisted in preparing semi-selective media, conducting fungicide tests with metalaxyl (Ridomil) to check for pathogen sensitivity, soil moisture testing, tissue plating, soil dilution plating, colony counting, and analyzing data. Supervisors: Drs Lee Campbell and Jean Ristaino.

August 1993- May 1994 **Laboratory Course Instructor (Teaching Technician)**

**Chemistry Department: Organic Chemistry I
North Carolina State University, Raleigh, NC**

Responsibilities: Prepared and presented lectures and laboratories for the undergraduate organic chemistry course for science majors. The responsibilities for this appointment were: to prepare lectures for ten different organic chemistry laboratory experiments; prepare practical laboratory questions for students to do at home; write and correct laboratory quizzes and exams; set-up laboratory experiments and demonstrate procedures; monitor and supervise the students during their laboratory experiments; proctor lecture course exams when necessary. **Supervisor:** Dr. William P. Tucker.

May 1992- August 1993 **Virology Research Assistant/ Greenhouse Assistant
Plant Pathology Department
North Carolina State University, Raleigh, NC**

Responsibilities: Research responsibilities were: 1) to conduct a study on **viral** symbiosis on sweetpotato and monitor the spread of the virus throughout the plant. 2) assist in the double stranded (ds) RNA analysis of the white-fly component of the sweetpotato virus disease (SPVD) of sweetpotato. Greenhouse responsibilities included: setting up experiments, planting, pruning, applying fertilizers, white-fly rearing, disease ratings, grafting, viral inoculations, seed harvesting, disposal/sterilization of diseased plants and equipment, and coordinating planting schedules for graduate student experiments. **Supervisors:** Drs. Jorge Abad (may be contacted) and James W. Moyer.

May-August 1991 **Research Assistant
Plant Pathology Department: Plant Virology
North Carolina State University, Raleigh, NC
(Project with the International Potato Center)**

Responsibilities: Characterize the whitefly component of the sweetpotato **virus** disease (SPVD-WF) of sweetpotato. Other responsibilities included: white-fly rearing, disease transmission and inoculation, **sweetpotato** disease diagnosis and assessment using visual and serological techniques, greenhouse studies of the disease, purification of other viral diseases, and screening sweetpotato plants for possible viral infections. **Supervisors:** Drs. Jorge Abad (may be contacted) and James W. Moyer.

May-August 1990 **Research Assistant
Crop Science Department: Seed Extension
North Carolina State University, Raleigh, NC.**

Responsibilities: Conducted test trials to determine which North Carolina **peanut** cultivar had the best germination rates for that year. (The grower that contributed the best peanut cultivar was given an award during the annual peanut grower association meeting). Field studies involving breeding lines of **corn** were conducted in the dry coastal plains. **Supervisor:** Dr. Jan Ferguson-Leach.

May-August 1989 **Research Assistant
Soil Science Department: Soil Physics
North Carolina State University, Raleigh, NC.**

Responsibilities: Mapped out variations in soil pH throughout the state. Soil samples were gathered and tested for pH. Data was entered into the computer for statistical comparison and further analysis. **Supervisor:** Dr. Keith Cassel

ACADEMIC AND PROFESSIONAL ORGANIZATIONS

American Phytopathological Society (APS): Member (since 2000)
APS-Southern Division (APS-SD): Member (since 2001)
APS-Caribbean Division (APS-CD): Member (since 2001)
International Society of Plant Pathology (ISPP): Member (since 2002)
Entomological Society of America (ESA): Member (2002 and 2003)
Soil & Crop Science Society of Florida (SCSSF): Member (since 2002)
Latin American Phytopathological Society (ALF): Member (since 1996)
Peruvian Phytopathological Association (APF): Member (since 1996)
Sigma Iota Rho: Society for International Studies (since 1995)
Cornell Alumni Association and Cornell Latino Alumni Association (since 1992)

LEADERSHIP ROLES

-Co-organizer, mini-symposium “Strengthening the basis for a Survey of the Straminipiles: *Phytophthora* and *Pythium* in the Americas and Beyond”. North Carolina State University, Raleigh, May 27, 2006.
-Associate Editor, *Fitopatologia* –Latin American Journal of Plant Pathology (August 2006-)
-Reviewer, APS Graduate Student Travel Awards 2003
-Treasurer, UF Plant Pathology Graduate Student Association (2002)
-Editor and Co-editor, PLP News (Monthly Newsletter UF Plant Pathology) (2000-2002)
-President, UF Plant Pathology Graduate Student Association (2001)
-President, UF Plant Pathology Departmental Social Committee (2000-2001)
-Vice-President, UF Plant Pathology Graduate Student Association (2000)
-NCSU Graduate Student Association Teaching Effectiveness Committee (Fall 1995)
-Representative, NCSU Plant Pathology Graduate Student Association (Spring-Summer-Fall 95)

AWARDS

Second Place Graduate Student Paper Competition (Florida Phytopathological Society Meeting, May 5-7, 2003, Fort Pierce, Florida).
First Place Best Doctoral Student Presentation (American Phytopathological Society-Caribbean Division Meeting, April 5-10, 2003, South Padre Island, Texas).
Third Place Graduate Student Paper Competition (American Phytopathological Society-Southern Division Meeting, April 5-10, 2003, South Padre Island, Texas).
Thurston Award Travel award given by the American Phytopathological Society to a student presenting their research at the annual meeting, Milwaukee, Wisconsin, 2002.
Davidson Award Travel award given by the College of Agriculture and Life Sciences at the University of Florida to graduate students presenting their research at national or international meetings, Fall 2002.
First Place Graduate Student Paper Competition (Soil and Crop Science Society of Florida Meeting, May 22-24, 2002, Clearwater, FL).
Second Place Graduate Student Paper Competition (Florida Phytopathological Society, May 2001, Lake Alfred, Florida).

Wood Award The Francis A. Wood Memorial Award is awarded to a student for outstanding graduate research in plant pathology at the University of Florida (December 2001)

TRAINING COURSES/WORKSHOPS

Workshop: First International Workshop for the Morphological and Molecular Characterization of Straminipiles: *Phytophthora and Pythium*, July 22-27, 2004, Raleigh, North Carolina.

Workshop: Linear Mixed Models for Analyzing Data Obtained in Designed Experiments, August 9, 2003, Charlotte, North Carolina.

Workshop: AFLP: Amplified Fragment Length Polymorphism (May 2001, University of Florida)

Workshop: Recombinant DNA Analysis (March 5-9, 2001, University of Florida, Gainesville)

Course: Coping with Impossible Personalities (6 hours. Mid-Florida Tech. June 1996.)

Workshop: IPM for Extension Agents (Spring, 1995, N.C. State University, Raleigh)

Workshop: PCR: Polymerase Chain Reaction (July, 1994, N.C. State University, Raleigh)

SKILLS

I am competent with computer software such as Word, Excel, Powerpoint, SAS, Quantity One gel imaging, and phylogenetic programs such as BioEdit, ClustalX, MacClade, and PAUP.

I am fully bilingual in Spanish and English; some knowledge of written /spoken French.

REFEREED JOURNAL PUBLICATIONS

Li, W, Abad, J. A., **French-Monar, R. D.**, Rascoe, J., Wen, A., Gudmestad, N. C., Secor, G. A., Lee, I.-M., and Levy, L. 2009. Detection and quantification of ‘*Candidatus Liberibacter psyllae*’ associated with zebra chip of potato. *Phytopathology* 99: xxx-xxx. (Submitted)

French-Monar, R.D., Jones, J.B., Ozores-Hampton, M., and Roberts, P.D. 2007. Survival of inoculum of *Phytophthora capsici* in soil through time under different soil treatments. *Plant Disease* 91: 593-598

French-Monar, R. D., Jones, J.B., and Roberts, P.D. 2006. Characterization of natural populations of *Phytophthora capsici* associated with local weed populations on Florida vegetable farms. *Plant Disease* 90: 345-350.

Roberts, P.D., Urs, R.R., **French-Monar, R. D.**, Hoffine, M.S., Seijo, T.E., and McGovern, R.J. 2005. Survival and recovery of *Phytophthora capsici* and oomycetes in tailwater and soil from vegetable fields in Florida. *Annals of Applied Biology* 146:351-359.

French-Monar, R.D., Jones, J.B., Hanlon, E.A., and Roberts, P.D. 2005. Soil Monitoring of viable inoculum of *Phytophthora capsici* localized in soil under vegetable production conditions in Southwest Florida (Monitoreo de inóculo viable de *Phytophthora capsici* localizado en suelos bajo condiciones de producción hortícola en el sudoeste de Florida). *Fitopatología* 40(3): 178-187.

Cushman, K., **French-Monar, R.**, McAvoy, E. 2005. Growth and Yield of Hurricane-Damaged Tomato Plants. *Proc. Fla. State Hort. Soc.* 118: 88-92.

REFEREED MANUSCRIPTS (In preparation)

French-Monar, R.D., Jones, J.B., Braun, E. L., and Roberts, P.D. 2009. Population diversity in *Phytophthora capsici* from Florida. **Plant Disease**.

Cushman, K. E., Ozores-Hampton, M. O., Simonne, E. H., McAvoy, E. J., **French-Monar, R. D.**, and Roka, F. 2009. Effect of hurricanes on tomato crops in southern Florida. **HortTech**.

NON-REFEREED MANUSCRIPTS

Roberts, P. D., **French-Monar, R.D.**, and Rosa-Marquez, E. 2006. Characterization of *Phytophthora capsici* on diverse hosts, its survival and management. *Proceedings of the Caribbean Food Crops Society 2006*.

BOOK/MANUAL (In preparation)

Abad, G., Tojo, M., **French-Monar, R.**, Rosso, L., and Martin, F. 2008. Morphological and molecular identification manual for the genus *Pythium*.

ABSTRACTS/SHORT COMMUNICATIONS

Abad, J. A., **French-Monar, R. D.**, Liefting, L. W., Clover, G. R. G, and Bandla, M. 2008. First report of the association of ‘*Candidatus Liberibacter*’ species with Zebra Chip (ZC) disease of infected potato plants in the USA. *Plant Disease* (In Press)

French-Monar, R. D., and Isakeit, T. 2008. Persistence of *Phytophthora* blight in the Texas High Plains *Phytopathology* 98: (in press).

Wallace, R.W., **French, R.D.**, and Petty, A.K. 2007. Effects of Revus 2.09SC Combinations for Control of *Phytophthora* in Chile Peppers. Texas AgriLife Extension.

French-Monar, R. D., Jones, J. B., and Roberts, P.D. 2007. The occurrence of at least two haplotypes of *Phytophthora capsici* in Florida. *Phytopathology* 97:S37

French-Monar, R., Schultz, D., and Roberts, P. 2006. Pathogenicity of a diverse group of isolates of *Phytophthora capsici* from Florida on four main vegetable crops. *Phytopathology* 96:S185.

French-Monar, R.D., Jones, J., and Roberts, P.D. 2005. Fuentes de inóculo de *Phytophthora capsici* en Florida. (Sources of inoculum of *Phytophthora capsici* in Florida). *Fitopatologia* 40:74.

French-Monar, R., Jones, J., and Roberts, P. 2005. Insensitivity of isolates of *Phytophthora capsici* to mefenoxam in southeast Florida. *Phytopathology* 95:S31

French-Monar, R.D., Braun, E. L., Jones, J. B., and Roberts, P.D. 2004. Characterization of *Phytophthora capsici* isolated from weeds in Florida. (Caracterización de *Phytophthora capsici* aislados de malezas en Florida). *Fitopatologia* 39:100-101.

French-Monar, R.D., Roberts, P.D., and Jones, J. B. 2003. Survival of *Phytophthora capsici* in weed populations in conventional vegetable farms of SE Florida. *Phytopathology* 93:S27.

French-Monar, R.D., Roberts, P.D., and Jones, J. B. 2003. Survival of *Phytophthora capsici* in vegetable fields during the off-season. *FACTS Proceedings* 2003: 10-11.

French-Monar, R.D., Roberts, P.D., and Jones, J.B. 2003. Reducción en poblaciones de *Phytophthora capsici* en Florida utilizando la solarización de suelos en el otoño (Reduction of *Phytophthora capsici* populations in Florida by soil solarization in autumn). *Fitopatologia* 38:75-76.

French-Monar, R.D., Mitchell, D. J., Roberts, P.D., and Jones, J. B. 2002. Improved detection of *Phytophthora capsici* in a Florida pepper field. *Phytopathology* 92: S27.

Ristaino, J.B., Parra, G., Madritch, M., **French, R.**, and Fraser, D. 1995. PCR Amplification of Ribosomal DNA for Species Identification of *Phytophthora*. *Phytopathology* 85: 1176.

Abad, J.A., **French, R.D.**, and Moyer, J.W. 1992. Double Stranded (ds) RNA Analysis of the White-Fly Component of the Sweetpotato Virus Disease (SPVD-WF) of Sweetpotato. *Phytopathology* 82: 1070.

EXTENSION PUBLICATIONS (Compendia, Bulletins, Fact Sheets)

French-Monar, R.D., Roberts, P.D., and McCarter, S.M. 2009. Pythium Diseases. In: Compendium of Tomato Diseases. (Eds.) Jones, J.B. et al. APS Press. (In press)

Roberts, P.D., **French-Monar, R.D.**, and McCarter, S.M. 2009. Rhizoctonia Diseases. In: Compendium of Tomato Diseases. (Eds.) Jones, J.B. et al. APS Press. (In press)

Roberts, P.D., **French-Monar, R.D.**, and McCarter, S.M. 2009. Southern Blight. In: Compendium of Tomato Diseases. (Eds.) Jones, J.B. et al. APS Press. (In press)

French, R., Schuster, and Bean, B. 2008. Seed Treatment Decisions for Use on Winter Wheat. Texas AgriLife Extension. (In Press)

French, R., Morgan, G., Steddom, K., and Rush, C. 2008. Wheat Streak Mosaic Virus, High Plains Virus, and Triticum Mosaic Virus. Texas AgriLife Extension-Texas A&M (In press)

Smith, J., Bean, B., Patrick, C., Duple, R., Knoop, W., Hickey, M., Horne, W., **French, R.**, Wilson, L., and Thomason, R. Turfgrass Management for the Texas Panhandle. 2008. Texas AgriLife Extension-Texas A&M System.

Wallace, R., French-Monar, R.D, and Pat Porter. 2008. Growing Tomatoes Successfully in the Texas High Plains. Texas AgriLife Extension.

Morgan, G., **French, R.**, and Troxclair, N. 2008. Wheat Newsletter. (April 11). Texas AgriLife Extension.

French, R., Schuster, G., Bean, B., and Patrick, C. 2007. Seed Treatment Decisions for Use on Winter Wheat. Texas AgriLife Extension.

Morgan, G., and **French, R.** 2007. Wheat Newsletter (March 23). Texas Cooperative Extension.

Morgan, G., Bean, B., and **French, R.** 2007. Wheat Newsletter. (April 10). Texas Cooperative Extension.

French-Monar, R.D., and Roberts, P. D. 2006. Disease Control in Macadamia. Institute of Food and Agricultural Sciences, University of Florida.

French-Monar, R.D., and Roberts, P. D. 2006. Disease Control in Figs. Institute of Food and Agricultural Sciences, University of Florida.

French-Monar, R.D., and Roberts, P. D. 2006. Disease Management of Pythium on pepper and tomato. Chapter in: The Grower's IPM Guide for Florida Tomato and Pepper Production. Institute of Food and Agricultural Sciences, University of Florida.

French-Monar, R.D., and Roberts, P. D. 2006. Disease Management of Phytophthora blight and rot of pepper. Chapter in: The Grower's IPM Guide for Florida Tomato and Pepper Production. Institute of Food and Agricultural Sciences, University of Florida.

Cushman, K., Armbruster, K., McAvoy, G., **French, R.**, and Roberts, P. 2005. Growth and Yield of Hurricane-Damaged Tomato Plants. Vegetarian Newsletter 05-01. University of Florida-IFAS.

SELECT SPECIAL ORAL PRESENTATIONS BY INVITATION

Oral presentation at the Workshop “Compost Use in Agriculture, Horticulture and Landscaping” at the U.S. Composting Council’s 16th Annual Conference and Tradeshow Meeting (February 9, 2008; Oakland, California)

I was asked by the workshop organizer to give a talk on “Compost and Plant Disease Suppression”.

Oral presentation at the Workshop “Using Organic Amendments in Citrus Production” May 31, 2005 in Immokalee, Florida.

I was asked by one of the organizers to give a talk on “Compost and soilborne plant pathogens of citrus”.

Oral Presentation at the 17th International Pepper Conference November 14-16, 2004 in Naples, Florida.

Presented an oral talk on “Identification of inoculum sources in the field for Phytophthora blight and rot of pepper in Florida”

Student Debater at the Entomological Society of America Annual Meeting, November 17-20, 2002, Fort Lauderdale, Florida.

I was chosen by the Plant Pathology Department at the University of Florida as the student representative to participate in the Student Debate on Agricultural Bioterrorism. The debate centered on the question, “Can we be prepared for deliberate release of biological agents against agriculture?”

MEETINGS/VISITS

Phytophthora/Pythium Workshop at ICPP	Torino, Italy	2008
International Pepper Conference	Atlantic City, New Jersey	2008
American Phytopathological Society (APS) Meeting	Minneapolis, Minnesota	2008
U.S. Composting Council Annual Meeting	Oakland, California	2008
APS Southern Division Meeting	Dallas, Texas	2008
Great Plains Diagnostic Network	Manhattan, Kansas	2007
American Phytopathological Society (APS) Meeting	San Diego, California	2007
APS Southern Division Meeting	Mobile, Alabama	2007
Tomato Institute Meeting	Naples, Florida	2006
American Phytopathological Society (APS) Meeting	Quebec City, Canada	2006
Workshop on the Straminipiles (Co-Instructor)	Raleigh, North Carolina	2006
APS Southern Division Meeting	Orlando, Florida	2006
Tomato Institute Meeting	Naples, Florida	2005
American Phytopathological Society (APS) Meeting	Austin, Texas	2005
Florida Phytopathological Society Meeting	Apopka, Florida	2005
APS Southern Division Meeting	Little Rock, Arkansas	2005
International Pepper Conference	Naples, Florida	2004
Workshop on the Straminipiles	Raleigh, North Carolina	2004
APS Caribbean Division Meeting	Havana, Cuba	2004
American Phytopathological Society Meeting	Charlotte, North Carolina	2003
Florida Agricultural Conference & Trade Show	Lakeland, Florida	2003
Florida Phytopathological Society Meeting	Fort Pierce, Florida	2003
Pan American Plant Disease Conference	South Padre Island, Texas	2003
International Congress of Plant Pathology	Christchurch, New Zealand	2003
American Phytopathological Society Meeting	Milwaukee, Wisconsin	2002
Citrus Expo	Fort Myers, Florida	2002
Soil & Crop Science Society of Florida Meeting	Clearwater, Florida	2002
American Phytopathological Society Meeting	Salt Lake City, Utah	2001
Visit to Institute of Tropical Crops	Tarapoto, Peru	2002
Florida Phytopathological Society Meeting	Lake Alfred, Florida	2001
American Phytopathological Society Meeting	New Orleans, Louisiana	2000
Florida Phytopathological Society Meeting	Gainesville, Florida	1999
Florida Phytopathological Society Meeting	Lake Alfred, Florida	1997
Florida Agribusiness Council Meeting	Epcot, Walt Disney World	1996
Visit to Amazon Experiment Station	Yurimaguas, Peru	1993
International Agriculture Field Trip	Honduras	1991
Visit to Warsaw Agriculture University	Warsaw, Poland	1990
Visit to INRA Experiment Station	Rennes, France	1990

TRAVEL EXPERIENCES

I have traveled extensively in Peru and the U.S. and lived in Sri Lanka for a year. In the Americas, I have traveled to Argentina, Canada, Cuba, Honduras, Costa Rica, Puerto Rico, Trinidad and Tobago, Venezuela, Chile, Argentina and Uruguay. In Europe, I have visited England, France, Italy, Poland, Scotland, and Spain. In Asia, I have visited Japan, Hong Kong, India, Pakistan and Bangladesh. Most recent international trips were to Cuba, Puerto Rico, and New Zealand.

CURRENT GRANTS

2007-2008: Developing a Stripe Rust management Threshold for Texas Wheat. (Co-Principle Investigator) Total per year: \$5,000 (first year), \$7,500 (second year).

2008-2009: Grassland Cropping Systems for Cellulosic Ethanol Production in Semiarid Environments (Co-PI) Total: \$7,500 per year (first year), \$7,500 (second year)

2008-2009: An Integrated Approach Towards Understanding and Controlling Zebra Chip Disease on Potatoes. Objective 5: Epidemiology and Disease Management. Total: \$10,000 (year 1), \$10,000 (year 2)

2008: Chemical Trials with vegetables, wheat, corn, and sorghum. Total: \$19,000