

Maria de la Paz Celorio-Mancera

Department of Plant Sciences
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EDUCATION

Ph. D. Candidate. Plant Biology, University of California, Davis. Degree expected Fall 2007. Specialization: Integrative Plant/Crop Physiology.

B. S. Biology, National Autonomous University of Mexico, Mexico, D.F., May 2001.

PROFESSIONAL EXPERIENCE

Teaching Assistant, Plant Genetics and Biotechnology Laboratory, UC Davis, 4/07-6/07

Teaching Assistant, Introduction to Plant Biology, UC Davis, 1/06-3/06

Guest Lecturer, Applied Statistics for Agricultural Sciences, UC Davis, November 28th, November 30th, 2005

Student intern, Agricultural Management and Range Resources, Preparatory for field work in Environmental and Agricultural Education, UC Davis, January-June, 2005

Lecturer, Zhejiang University Agriculture and Academic Orientation Program. UC Davis Extension. Presentation entitled "Comparison between Organic and Conventional Agriculture and the Place for Biotechnology". August 29, 2005.

Teaching Assistant, Applied Statistics for Agricultural Sciences, UC Davis 10/05-12/05; 10/04-12/04; 10/03-12/03; 10/02-12/02;

Teaching Assistant, Cellular and Molecular Biology of Plants. UC Davis, 4/04-6/04.

Research Assistant, International Exchange Program. Plant Sciences Department, UC Davis, 06/01- 09/02.

Practical Training, Pomology Department, UC Davis, 01/00-12/00.

ABSTRACTS AND PRESENTATIONS

Genome Center and Plant Genomics Research Symposium, oral presentation. UC Davis, CA. June 2007.

Second International Lygus Bug Symposium, Two oral presentations. Pacific Grove, California, USA, April 2007.

Western American Society of Plant Biologists Conference, Poster. UC Davis, CA, 2007 Winter Meeting.

University of California Institute for Mexico and the United States. Seminar Series 2006-2007 "Plants, pests and pathogens", Oral presentation. UC Riverside, December 5th, 2006.

International Symposium Ecology and Management of *Lygus* plant bugs, Oral presentation. Ottawa, Canada, January 2005.

Plant Biology ASPB Conference, Poster. Orlando, FL., July 2004.

Pioneer Hi-Bred International Scholarship Conference, Oral presentation. Des Moines, Iowa, July 2003.

Alfalfa Improvement Conference, Oral presentation. Sacramento, CA. July 2001.

Genomics Western ASPB Conference, Poster. UC Davis, CA. November 2003.

PUBLICATIONS

Celorio - Mancera, M. P., Allen, M. L., Greve, L. C., and J. M. Labavitch. 2007. Polygalacturonase isozymes in *Lygus hesperus* salivary glands. Journal of Insect Science (Abstract *in press*).

Celorio-Mancera, M. P., Greve, L. C., Shackel, K.A., Ahmadi, H., Teuber, L.R., Allen, M.L. and J. M. Labavitch. 2007. *Lygus hesperus* polygalacturonase characterization and role in plant damage. Journal of Insect Science (Abstract *in press*).

Kenneth A. Shackel, Celorio-Mancera, M.P., Hamid Ahmadi, L. Carl Greve, Larry R. Teuber, Elaine A. Backus and John M. Labavitch. 2005. Micro-injection of *Lygus* Salivary Gland Proteins to Simulate Feeding Damage in Alfalfa and Cotton Flowers. Archives of Insect Biochemistry and Physiology. 58: 2. p. 69-33

Celorio-Mancera, M.P. Preliminary work and bibliographic compendium about polygalacturonase inhibitor proteins. Bachelor's Thesis. UNAM, 2001

ACADEMIC SERVICE

Graduate Student Representative for the Plant Biology Graduate Group, 2007 UCD

Panelist, the 2007 Northern California Western Nevada Junior Science and Humanities Symposium, recognized by The United States Army, Navy, and Air Force.

Panelist , June 20-23, 2006; June 21-24, 2005; June 22-25, 2004. Women around the World Panel, Capitol Focus Programs, Sacramento, CA

President, Mexican Graduate Student Association at UC Davis, 2003-2004

Secretary, Mexican Graduate Student Association at UC Davis, 2002-2003

PROFESSIONAL AFFILIATIONS

American Society of Plant Biologists (ASPB)

Assistant Editor for the International Society of Food, Agriculture and Environment Journal of Food Agriculture and Environment, WFL Publisher, Finland

RESEARCH GRANTS

Co-authored proposal for California Crop Improvement Association. Funded \$ 15,000 (Principal Investigator: Larry Teuber, Ph. D.)

Co-authored proposal for Cotton Incorporated. Funded \$50, 000 (Principal Investigator: Larry Teuber, Ph. D.)

DISTINCTIONS

DEPARTMENTAL GRADUATE STUDENT RESEARCHER AWARD UCD 2005-2007

JASTRO SHIELDS RESEARCH SCHOLARSHIP AWARD UCD 2005-2007

UC MEXUS Scholarship, UC (USA)-Mexico 2005

CONACyT Scholarship, Mexico 2002

PIONEER Hi-Bred International Scholarship, USA 2002

UNAM Foundation Undergraduate Abroad Program Scholarship, Mexico 1999

TELMEX Foundation Undergraduate Scholarship, Mexico 1998

LANGUAGES

Fluent in English both written and spoken. Speaking Proficiency English Assessment Kit, UCD, Score: 55/60

German, UC Davis, Intermediate Level (Course taken Fall 1999)

REFERENCES

Dr. John Labavitch

Dept. of Plant Sciences, UCD (530) 7 52-0920
jmlabavitch@ucdavis.edu

Dr. Elaine Backus

US Department of Agriculture (559) 5 96-2925
ebackus@fresno.ars.usda.gov

Dr. Alan Bennett

Dept. of Plant Sciences, UCD (530) 752-1411
abbennett@ucdavis.edu

Dr. Eduardo Blumwald

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