WEDNESDAY, OCTOBER 5, 2005

8:15-1:00
TOUR:
Tour of Finger Lakes wineries. Lunch will not be included in the fee

12:00-1:00
Lunch on your own

12:00-7:00
REGISTRATION (FOYER)

1:00-4:00
EXTENSION MEETING - SAMPSOM ROOM
Presiding: Cindy Ash

4:00-5:00
INDUSTRY MEETING - SAMPSOM
Presiding: Karen Plumley

5:00-7:00
Dinner on your own

5:00-6:30
NEDAPS EXECUTIVE AND LOCAL ARRANGEMENTS COMMITTEES  NED-APS PRESIDENT’S SUITE

5:00-6:00
NEDAPS GRADUATE STUDENT AWARDS COMMITTEE  (BOARD ROOM)

7:00-10:00
SOCIAL (light snacks/drinks/Jeopardy Game/music)

THURSDAY, OCTOBER 6, 2005

6:30-7:30
NEDAPS Executive and Local Arrangements Committees (Breakfast)

7:30-10:30
REGISTRATION (FOYER)

8:00-8:05
WELCOME AND OPENING REMARKS
ANN BROOKS GOULD, NEDAPS President

8:05-10:30
FIREBLIGHT SYMPOSIUM – BALLROOM
Presiding  Herb Aldwinckle

8:05-8:31
Introduction to the Fire Blight Symposium: using rDNA technology to obtain fire blight resistance in apple fruit cultivars. HERB ALDWINCKLE Cornell University, Geneva, NY

8:31-8:57
Current and future prospects for fire blight management.
GEORGE SUNDIN, Michigan State University, East Lansing, MI

8:57-9:23
Erwinia amylovora populations on apple leaves resulting from colonization of hydathodes and glandular trichomes
JAY NORELLI, USDA-ARS Appalachian Fruit Research Station, Kearneysville, WV

9:23-9:49
Rootstock blight: resistant apple rootstocks
NICOLE LOGIUDICE RUSSO, Cornell University, Geneva, NY
9:49-10:15  Preliminary analysis of the genome of *Erwinia amylovora* Ea273.  
ANA MARIA BOCSANCZY, Cornell University, Ithaca, NY

10:15-10:45  Break for refreshments (foyer)

10:45-11:15  A PERSPECTIVE ON PLANT PATHOLOGY. An Address from APS President JOHN ANDREWS

11:15-12:00  CONTRIBUTED PAPER SESSION: FIREBLIGHT/ERWINIA  
Presiding Steve Beer


11:30-11:45  Two years of research on biological control of fire blight in New York. N.A. WERNER and H.S. Aldwinckle. Cornell University, Geneva, NY 14456.

11:45-12:00  Natural epidemic of fireblight in a newly planted orchard and effect of pruning on disease development. V. Philion(1), J. Charest(2), V. TOUSSAINT (3) (1)IRDA, St-Hyacinthe, Qc J2S 7B8; (2)MAPAQ, Marieville, Québec; (3) CRDH, St-Jean, Qc J3B 3E6.

12:00-1:15  LUNCH

1:15- 3:00  GRADUATE STUDENT AWARD COMPETITION  
Presiding: Bruce Clarke


1:30  Mechanism of biological control of grape crown gall by *Agrobacterium vitis* strain F2/5 J. E. CREASAP, Guixia Hao, Hongsheng Zhang, and Thomas J. Burr. Department of Plant Pathology, New York State Agricultural Experiment Station, Cornell University, Geneva, NY

1:45  Evaluation of population estimates of *Erwinia amylovora* in the MARYBLYT™ program. M.M. DEWDNEY, R.C. Seem, and H.S. Aldwinckle. NYSAES, Cornell University, Geneva NY 14456


2:15  Variation in ontogenic resistance to *Uncinula necator* in the USDA-ARS, PGRU Vitis germplasm collection. C.T. GEE(1,2), D.M. Gadoury(2), L. Cadle-Davidson(1,2); (1) USDA-ARS, PGRU, Geneva, NY 14456; (2) Department of Plant Pathology, Cornell University, Geneva, NY 14456

2:30  Comparative efficacy of different silicon treatments on the control of wheat
powdery mildew. M.-H. GUEVEL (1), J.G. Menzies (2), R.R. Belanger (1) (1) Dept. Phytoologie- FSAA, Centre de recherche en horticulture, Universite Laval, Quebec, Qc, G1K 7P4; (2) AAFCanada, 195 Dafoe Road, Winnipeg, Man., Canada R3T 2M9.

2:45

*Pantoea stewartii* subsp *stewartii* requires motility for infection. C.M. HERRERA(1), M.D. Koutsoudis(2), D. Tsaltas(2), and S.B.von Bodman(1,2) (1)Plant science, (2)Molecular Cell Biology, University of Connecticut. Storrs. CT

3:00-3:30

BREAK FOR REFRESHMENTS (FOYER)

3:30-5:00

GRADUATE STUDENT AWARD COMPETITION

Presiding Frank Ferrandino Assisting

3:30


3:45

Surface adhesion is an important aspect of *Pantoea stewartii* subsp *stewartii* virulence. M. D. KOUTSOUDIS(1), D. Tsaltas(2), C.M. Herrera(2), and S. B. von Bodman(1,2) (1)Plant science, (2)Molecular Cell Biology, University of Connecticut. Storrs, CT

4:00

Defining the biological functions of the Potato leafroll virus readthrough protein. KARI PETER and Stewart Gray, Cornell University and USDA-ARS, Ithaca, NY 14853

4:15

Variability of isolates of *M. gramnicola* obtained from diverse geographic regions. R. R. POKHAREL (1), G. S. Abawi (1), J. M. Duxbury (2), J. A Brito (3), and C. D. Smart (1). (1) Dept of Plant Pathology, Cornell University, Geneva, NY; (2) Dept. of Crop and Soil Science, Cornell University, Ithaca, NY; (3) Florida Dept. of Agriculture and Consumer Service, Fl.

4:30

Oxalic acid secretion and extracellular oxalate regulation by brown rot wood decay fungi. J.S. SCHILLING, and J. Jellison. Dept. of Biological Sciences, University of Maine, Orono, ME 04469

4:45

Phenotypic and genetic variation of *Plectosporium tabacinum* isolates From southern New England. S.L. SLINSKI & R.L. Wick, Dept. of Microbiology, University of Massachusetts, Amherst

5:00-6:00

BUSINESS MEETING – SENeca ROOM

Presiding Ann Brooks Gould, NEDAPS President

6:00

NED-APS COMMITTEE CHAIRS

6:00

MEETING OF GRADUATE STUDENT AWARD COMMITTEE – SENeca ROOM
7:00       SOCIAL (CASH BAR)
7:30       BANQUET AND AWARDS – BALLROOM

Friday, October 7, 2005

7:30-9:00   REGISTRATION

8:00-9:00   MOLECULAR PLANT PATHOLOGY SYMPOSIUM - BALLROOM
            Presiding: Brad Hillman

Snag and drop your favorite genes in public databanks
MARTINA V. STRÖMVIK  Department of Plant Science, McGill University,
Macdonald campus 21,111 Lakeshore Rd., Ste-Anne-de-Bellevue, QC H9X
3V9 Canada

9:00-10:00  CONCURRENT PAPER SESSION: BACTERIAL PATHOGENS –
            BLACKWELL ROOM
            Presiding: Tom Burr

9:00-9:15   Deletion of the $DspA/E$ and $HrpN$ genes alters the virulence of $Erwinia$
            Department of Plant Pathology, Cornell University, Ithaca NY  14853

9:15-9:30   Increased resistance to fire blight in apple plants by silencing $DspE$-
            interacting proteins.  E.E.BOREJSZA-WYSOCKA$^1$, M.Malnoy$^1$, S.V.Beer$^2$,

9:30-9:45   Liposomes as a tool for detection of $Erwinia amylovora$.  W. S. BOREJSZA-
            WYSOCKI$^1$, H. S. Aldwinckle$^2$, R. A. Durst$^1$, T. R. DeCory$^1$, and R. A.
            Montagna$^3$.  $^1$Dept. Food Science and Technology, $^2$Dept. Plant Pathology,

9:45:10:00  Novel genes in $Agrobacterium vitis$ affect grape necrosis and tobacco
            hypersensitive responses GUIXIA HAO, H. Zhang, and T. J. Burr, Dept. Plant
            Pathology, NYSAES, Cornell University, Geneva NY 14456

10:00-10:30 BREAK FOR REFRESHMENTS (FOYER)

10:30-10:45 A pectate lyase homolog associated with the hypersensitive response ability
            of $Xanthomonas axonopodis$ pv. $glycines$ strains from Thailand  S.
            KAEWNUM(1), S. Prathuangwong(1), T. J. Burr(2). (1) Dept. Plant Pathology,
            Faculty of Agriculture, Kasetsart University, Bangkok Thailand 10900; (2)
            Cornell University, NYSAES, Geneva, NY 14456

10:45-11:00 Bacteriophages, potential biological control agents of fire blight and its
            ecological monitoring by multiplex real-time PCR  W.-S. KIM$^1$, S. Lehman$^{12}$,
            K.E. Schneider$^1$, E. Barszcz$^1$, A. J. Castle$^2$ and A.M. Svircev$^1$.  $^1$Agriculture and
            Agri-Food Canada, SCFPRC, 4902 Victoria Ave. North, P.O. Box 6000
            Vineland Station, ON, Canada  L0R 2E0

Genes required for twitching motility in *Xylella fastidiosa* YAXIN LI, Guixia Hao, Yizhi Meng, Cheryl D. Galvani, Harvey C. Hoch, and Thomas J. Burr Dept. of Plant Pathology, Cornell University-NYSAES, Geneva, NY

An additional copy of the apple gene *MpNPR1* in transgenic *Malus X domestica* induces increased disease resistance. M. MALNOY¹, E.E. Borejsza-Wysocka¹, S.Y. He², and H.S. Aldwinckle¹. ¹Cornell Univ, Geneva, NY 14456, ²Michigan State Univ., East Lansing, MI 48824.


ADJOURN

**CONCURRENT PAPER SESSION: DISEASE MANAGEMENT/ FUNGICIDE RESISTANCE – SENECA ROOM**

Presiding: Margaret McGrath


A spray deposition analysis system for accurately quantifying the amount of fungicide or biocontrol agent applied to leaves or fruit of cacao. RONALD T. COLLINS, USDA, ARS Sustainable Perennial Crops Laboratory, 10300 Baltimore Ave-Bldg. 001, Rm. 223, Beltsville, Md 20705

Efficacy of treatments to reduce grape cluster compactness and Botrytis bunch rot. B. HED (1), J.W. Travis (2). Dept. Plant Pathology, Penn State University, (1) North East, PA 16428; (2) Biglerville, PA 17307.

Fungicide resistance in *Venturia inaequalis* in Québec orchards: An overview of the problem. T. JOBIN and O. Carisse. Horticultural Research and Development Centre, Agriculture and Agri-Food Canada, 430 Gouin, St-Jean-sur-Richelieu, Qc, Canada, J3B 3E6

BREAK FOR REFRESHMENTS (FOYER)

Systemic acquired resistance and fungicides for management of tobacco.
blue mold. J.A. LAMONDIA. Valley Laboratory, The Connecticut Agricultural Experiment Station, Box 248, Windsor, CT 06095


11:15-11:30 Anti-sporulant activity of trifloxystrobin on nectarine scab twig lesions. E. MURDAY, N. Lalancette, and K.A. Foster. Rutgers University, Agricultural Research and Extension Center, Bridgeton, NJ.

11:30-11:45 Quaternary ammonium sanitizer eliminates airborne spores of Penicillium expansum. A.L. Rugh and D.A. ROSENBERGER, Cornell University’s Hudson Valley Lab, Highland, NY 12525

9:00-12:00 CONCURRENT PAPER SESSION: FOREST PATHOLOGY/SOIL BORNE PATHOGENS – NESTOR ROOM

Presiding: Dale Bergdahl/Wade Elmer

9:00-9:15 Impact of Sirococcus clavigignenti-juglandacearum on health of butternut. T. Schmalz (1) and D.R. BERGDAHL (2). (1) VT Agency of Agr, Food, & Markets, Waterbury, VT 05671-0101. (2) School of Environ. & Nat. Res., Univ. of VT Burlington, VT 05405


9:30-9:45 Viability of Sirococcus clavigignenti-juglandacearum conidia in beetle fecal pellets. S. HALIK (1), J.E. Stewart (2), D.R. Bergdahl (1). (1) School of Environment and Natural Resources, University of Vermont, Burlington, VT 05405; (2) Forestry Sciences Laboratory, USFS Rocky Mountain Research Station, Moscow, ID 83843.


10:00-10:30 BREAK FOR REFRESHMENTS (FOYER)


10:45-11:00 Relating soil health management practices to root health and nematode

11:00-11:15 A selective medium for recovering Penicillium from soil. A.L. RUGH and D.A. Rosenberger, Cornell University’s Hudson Valley Lab, Highland, NY 12525


11:45-12:00 Influence of earthworm activity on soilborne diseases. ELMER, W. H The CT Agr. Exp. Sta., P. O. Box 1106, New Haven, CT 06504

12:00 ADJOURN

9:00-12:00 CONCURRENT PAPER SESSION: EPIDEMIOLOGY/HOST RESISTANCE – SAMPSOM ROOM
Presiding: David Gadoury

9:00-9:15 Exploiting genetic diversity within a germplasm collection to address questions of disease resistance. L. CADLE-DAVIDSON(1). (1) USDA-ARS, PGRU, Geneva, NY 14456

9:15-9:30 Outbreak of anthracnose caused by Elsinoe ampelina in vineyards in Quebec. O. CARISSE. Agriculture and Agri-Food Canada, 430 Gouin, St-Jean-sur-Richelieu, Qc, Canada, J3B 3E6.

9:30-9:45 BTH Molecular Response Assessment In Petunia, Potato and Tomato A.P.DUQUE(1), W.E. Fry(1). (1)Department of Plant Pathology, Cornell University. Ithaca, NY 14853

9:45-10:00 Consequences of gene flow on the dynamics and survivability of wild x transgenic squash hybrid populations. M. FUCHS. Dept. Plant Pathology, Cornell University, New York State Agricultural Experiment Station, Geneva, NY 14456

10:00-10:30 BREAK FOR REFRESHMENTS (FOYER)

10:30-10:45 Recent changes to a model of Venturia inaequalis ascospore maturation. A. Stensvand (1), H. Eikemo (1), DAVID M. GADOURY (2), and R. C. Seem (2). (1) Norwegian Crop Research Institute, 1432 Ås, Norway; and (2) Cornell
University, NYSAES, Geneva, NY 14456.

10:45-11:00  
**Spectrum of virulence in the *Puccinia sorghi* population.** D.A. MASSEY, D.A. Shah, H.R. Dillard. Dept. of Plant Pathology, Cornell University, NYSAES, Geneva, NY 14456

11:00-11:15  

11:15-11:30  

11:30-11:45  
**Tombusviruses isolated from water draining forest stands in New Zealand.**  S.S. MUKHERJEE ¹, and J.D. Castello¹, Tony Lough² and Douglas Hopcroft³, ¹Faculty of Environmental & Forest Biology, SUNY College of Environmental Science & Forestry, Syracuse, NY 13210, ²Agrigenesis, Auckland, New Zealand, ³HortResearch, Palmerston North, New Zealand

11:45-12:00  

12:00  
ADJOURN