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
11:15-11:30	**Characterization of HIPM (HrpN-Interacting Protein from Malus) in apple.** C.-S. OH, and S.V. Beer. Dept. Plant Pathology, Cornell University, 334 Plant Science Building, Ithaca, NY 14853
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, Marievielle, Québec; (3) CRDH, St-Jean, Qc J3B 3E6.
12:00-1:15	**LUNCH**
1:15- 3:00	**GRADUATE STUDENT AWARD COMPETITION** Presiding: Bruce Clarke
1:15	**Management of Bacterial Speck in the Field Using Plant Activators.** M.A. BORSICK, H.W. Lange, and C.D. Smart. Dept. Plant Pathology, Cornell University, Geneva, NY 14456
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
2:00	**Alternative methods for genetic transformation of fungal biocontrol agents and related species**. E. FORTIER, G. Marchand, F. Belzile, R.R. Belanger. Dept. Phytologie, Universite Laval, Quebec, Qc, Canada, G1K 7P4.
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. Phytologie- 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 **Effect of Mowing and Rolling Practices on Anthracnose Severity of an Annual Bluegrass Putting Green**. J.C. INGUAGIATO, J.A. Murphy, and B.B. Clarke. Dept. Plant Biology & Pathology, Rutgers University, New Brunswick, NJ 08901.

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 amylovora.*** W.-S. Kim, S.C.D. Carpenter, J.M. Bonasera, S.V. BEER. 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], H.S.Aldwinckle[1]. Cornell University, [1]Geneva, NY 14456; [2]Ithaca, NY 14853.
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, Cornell University, Geneva, NY 14456; [3]IBI, Inc., Grand Island, NY 14072.
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, SCPFRC, 4902 Victoria Ave. North, P.O. Box 6000 Vineland Station, ON, Canada L0R 2E0

[2] Dep. of Biological Science, Brock University, St. Catharines, ON, Canada L2S 3A1

11:00-11:15 **Weeds as reservoirs of *Xanthomonas campestris* pv.*campestris* in New York**. H.W. LANGE, G.C. Meeks, and C.D**.** Smart. Dept of Plant Pathology, Cornell University, Geneva, NY. 14456

11:15-11:30 **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

11:30-11:45 **An additional copy of the apple gene *MpNPR1* in transgenic *Malus X domestica* induces increased disease resistance**. M. MALNOY[1], E.E. Borejsza-Wysocka[1], S.Y. He[2], and H.S. Aldwinckle[1]. [1]Cornell Univ, Geneva, NY 14456, [2]Michigan State Univ., East Lansing, MI 48824.

11:45-12:00 **A multiplex PCR Assay for detection of *Clavibacter michiganensis* subsp. *michiganensis, Pseudomonas syringae pv. tomato* and *Xanthomonas axonopodis* pv. *vesicatoria*.** Z. ÖZDEMIR (1). (1) Dept. Plant Protection, Adnan Menderes University, Aydın, Turkey

12:00 **ADJOURN**

9:00-11:45 **CONCURRENT PAPER SESSION: DISEASE MANAGEMENT/ FUNGICIDE RESISTANCE – SENECA ROOM**
Presiding: Margaret McGrath

9:00-9:15 **Reproduction of *Meloidogyne hapla* on potato cultivars and its management with soil or foliar Vydate applications.** G. S. ABAWI, J. W. Ludwig, B. K. Gugino. Dept. of Plant Pathology, Cornell University, Geneva, NY 14456.

9:15-9:30 **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

9:30-9:45 **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.

9:45-10:00 **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

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

10:30-10:45 **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

10:45-11:00 **Sensitivity to the fungicide quinoxyfen of powdery mildew isolates collected from pumpkin in New York in 2004**. J.F. DAVEY and M.T. McGrath, Dept. Plant Pathology, Cornell Univ., Riverhead, NY 11901.

11:00-11:15 **Occurrence of fungicide resistance in *Podosphaera xanthii* on Long Island, NY, in 2004 and impact on cucurbit powdery mildew control**. M.T. MCGRATH, Dept. Plant Pathology, Cornell Univ., Riverhead, NY 11901.

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

9:15-9:30 **The effect of girdling and cutting on perithecia production in Nectria cankers on black birch.** F. J. FERRANDINO, Ward, J. S., and Anagnostakis, S.L. CT Agr. Exp. Sta., P.O. 1106, New Haven, CT 06504.

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.

9:45-10:00 **Geographic Distribution and Diversity of *Phytophthora spp.* Associated with Bleeding Cankers of European Beech, *Fagus sylvatica***. A.H. NELSON, J.E. Weiland and G.W. Hudler. Depart. Plant Path., Cornell University, Ithaca, NY.

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

10:30-10:45 **Histopathology of hybrid poplar stems inoculated with *Septoria musiva***. J. E. WEILAND (1) and G. R. Stanosz (2). (1) Dept. Plant Path., Cornell University, Ithaca, NY; (2) Dept. Plant Path., Univ. Wisconsin, Madison, WI.

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

populations. B.K. GUGINO, J.W. Ludwig, G.S. Abawi. Dept. of Plant Pathology, Cornell University, Geneva, NY 14456.

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

11:15-11:30 **Analysis of soil samples from central Mexico for potential suppressiveness to *Phytophthora infestans***. H. MAYTON (1), C. Jones (2), M. Cadena-Hinojosa (3), J. Thies (2), W. E. Fry (1). (1) Dept. Plant Pathology, Cornell University, Ithaca, NY 14853; (2) Dept. Crop and Soil Science, Cornell University, Ithaca, NY 14853; (3) Campo Experimental Valle de Mexico, CIR-CENTRO INIFAP, Chapingo, Mexico, 56230.

11:30-11:45 **Population levels of *Aspergillus niger* in muck soil in relation to the inoculum load required for infection of onion seedlings.** A. M. SEYB and J. W. Lorbeer Dept. Plant Pathology, Cornell Univ., Ithaca, NY 14853**.**

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 or 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 **Volatile metabolic profiling to detect and discriminate diseases of mango fruit** M. MOALEMIYAN, A. Vikram and A. Kushalappa. Dept. of Plant Science, McGill University, Ste. Anne de Bellevue, QC, Canada H9X 3V9.

11:15-11:30 ***Pythium crypto-irregulare*, a new species within the *Pythium irregulare* Buis. complex**. C. D. Garzón, J. M. Yánez, and G. W. MOORMAN. Dept. Plant Pathology, The Pennsylvania State University, University Park, PA 16802-4506.

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

11:45-12:00 **Meta-analysis of yield losses due to common rust in sweet corn**. D.A. SHAH and H.R. Dillard. Dept. Plant Path. NYSAES, Geneva, NY 14456.

12:00 **ADJOURN**