

**CURRICULUM VITAE
BRADLEY IAN HILLMAN**

School of Environmental and Biological Sciences
and New Jersey Agricultural Experiment Station
88 Lipman Drive, Cook Campus Rutgers University
New Brunswick, New Jersey 08901-5820

Voice: 732-932-1000 ext. 579
FAX: 866-365-7736
e-mail: hillman@aesop.rutgers.edu

CAREER EXPERIENCE

- 2007-Present Director for Research and Senior Associate Director, New Jersey Agricultural Experiment Station
- 2006-2007 Vice Chair, Department of Plant Biology and Pathology, Rutgers University, New Brunswick, NJ, Rutgers Univ., New Brunswick, NJ.
- 2001-Present Professor, Dept. of Plant Biology and Pathology, Rutgers Univ.
- 1997-1999 Associate Chair of Plant Pathology, Cook College, Rutgers Univ.
- 1995-2001 Associate Research Professor, Dept. of Plant Pathology, Rutgers University.
- 1995-1998 Director, Plant Biology Graduate Program, Rutgers University.
- 1992-1995 Director, Plant Pathology Graduate Program, Rutgers University.
- 1989-1995: Assistant Research Professor of Plant Pathology, Cook College, Rutgers University.
- 1987-1989: Postdoctoral Research Associate with Dr. D. L. Nuss, Department of Cell and Developmental Biology, Roche Institute of Molecular Biology, Nutley, NJ.
- 1986-1987: Postdoctoral Research Associate with Dr. A. O. Jackson, Dept. of Plant Pathology, U.C. Berkeley.
- 1983-1986: Graduate Research Assistant with Dr. T. J. Morris, Dept. of Plant Pathology, U.C. Berkeley.
- 1978-1983: Research Assistant with Drs. T. J. Morris and D. E. Schlegel, Dept. of Plant Pathology, U.C. Berkeley.

EDUCATION

- Ph.D. 1986 U.C. Berkeley Major: Plant Pathology Thesis: Genome Organization, Replication, and Defective RNAs of Tomato Bushy Stunt Virus
- M.S. 1983 U.C. Berkeley Major: Plant Pathology Thesis: The Effects of Temperature and Satellite RNAs on Tombusvirus Replication and Symptom Expression
- B.S. 1978 U. C. Berkeley Major: Plant Pathology Minor: Soil Science

TEACHING

- Comparative Virology (11:126:407) Undergraduate virology course taught through the Biotechnology curriculum. Alternate years; since Fall 1999. 3 credits (Last taught Fall 2007, 32 students; teaching effectiveness rating = 4.62/5.0).
- Plant Virology (16:765:535) Graduate level plant virology course covering basic and applied aspects, with laboratory. Alternate years as required; Since Fall 1989. 3 credits. (Last taught Spring 2003, 6 students; teaching effectiveness rating = 4.70/5.0).
- Perspectives in Agriculture and the Environment (11:015:101). First year introductory course. Every year; since Fall, 1995 -2005. 2 credits. (Last taught Fall 2005, 25 students; teaching effectiveness rating = 4.55/5.0; course no longer exists).
- Core Seminar in Plant Biology (16:765:609-610). Graduate seminar of readings, discussion, and invited speaker visits. Alternate years; since Spring 2005. 2 credits. (Last taught Spring 2007, 18 students; teaching effectiveness rating = 4.56/5.0).
- (Total of 10 different courses taught varying numbers of times since 1989)

AFFILIATIONS

American Association for the Advancement of Science, member
American Society for Microbiology, member
American Phytopathological Society, member
(Virology Committee, 1990-1992; 1994-1996)
American Society for Virology, member
American Type Culture Collection
Coordinator of Carlavirus stock cultures, 1994-present
Genetics Society of America, member
Northeast Division, American Phytopathological Society, member
(Graduate Student Award Committee, 1990-1992; Chair 1992
Site Selection Committee 1993-1995; Chair 1995)
International Committee for the Taxonomy of Viruses, member
Cryphonectria virus study group Chair, 1992-Present
New yeast/*Cryphonectria* virus study group member, 1994-97

HONORS, AWARDS, SERVICE

2008 Fellow, American Phytopathological Society
2007-present Editor, *Virus Research*
2007 Manager, USDA NRI Panel on Plant Microbe Interactions
1999-2004 Executive Committee, International Committee for the Taxonomy of Viruses
2003 Award of Merit, Northeast Division of American Phytopathological Society
1999-2002 Editor-in-Chief, *Phytopathology*
1996-1999 Senior Editor of Virology Section, *Phytopathology*
1995- 1996 Associate Editor, *Phytopathology*
1995 Rutgers University Presidential Board of Trustees Fellowship for Scholarly Excellence
Awarded following promotion to 3-5 faculty submitting the strongest tenure packets in the university.
1995 Cook College/New Jersey Ag. Experiment Station Research Excellence Award.
1994, 95, 2006 USDA/NRICGP Plant Pathogens Panel Member, Washington DC.
1990- Pres *Ad hoc* reviewer for USDA/NRICGP, NSF, USAID, BARD, AFRC (UK), North Carolina Biotech. Center, Idaho State Board of Education
1989- Pres *Ad hoc* reviewer for *Virology*; *Virus Research*; *Journal of General Virology*; *Journal of Virology*; *Phytopathology*; *Plant Disease*; *Proc. Natl. Acad. Sci. USA*; *RNA*; *Plant Cell*; *Gene*; *Genetics*; *HortScience*; *Plant Science*; *Canadian Journal of Botany*; *Mycologia*; *Mycology Research*; *Plant Pathology*; *Physiological and Molecular Plant Pathology*; *Molecular Ecology*; *Molecular Plant-Microbe Interactions*; *Molecular Genetics and Genomics*; *Applied and Environmental Microbiology*; *European Journal of Plant Pathology*; *European Journal of Forest Pathology*; *John Wiley & Sons*; *Academic Press*.

Book and Proceedings Chapters – 35 since 1989

Abstracts - Total of more than 100 abstracts of presentations since 1981

Grants Total support from nine USDA and NSF competitive grants (4 PI, 3 Co-PI, 2 collaborator) > \$2M since 1991; from internal and noncompetitive grants > \$1.0M since 1989

REFEREED PUBLICATIONS, last 4 years – Bradley I. Hillman

(Works with BIH as first and last author are from BIH lab; total of 62 since 1981)

(+ 5 book chapters; 3 manuscripts currently in submission)

Crouch, J. A., B. M. Glasheen, M. A. Giunta, B. B. Clarke and B. I. Hillman (2008). The evolution of transposon repeat-induced point mutation in the genome of *Colletotrichum cereale*: Reconciling sex, recombination and homoplasmy in an "asexual" pathogen. *Fungal Genetics and Biology*, in press.

Crouch, J. A., B. M. Glasheen, W. Uddin, B. B. Clarke and B. I. Hillman (2008). Patterns of diversity in populations of the turfgrass pathogen *Colletotrichum cereale* as revealed by transposon fingerprint profiles. *Crop Science*, in press.

Deng, F., T. D. Allen, B. I. Hillman and D. L. Nuss (2007). Comparative analysis of alterations in host phenotype and transcript accumulation following hypovirus and mycoreovirus infections of the chestnut blight fungus *Cryphonectria parasitica*. *Eukaryotic Cell* 6, 1286-98.

Liu, Y.-C., Dynek, J. N., Hillman, B. I., and Milgroom, M. G. 2007. Diversity of viruses in *Cryphonectria parasitica* and *C. nitschkei* in Japan and China, and partial characterization of a new chrysovirus species. *Mycological Research* 111, 433-42.

Supyani, S., Hillman, B. I., and Suzuki, N. 2007. Baculovirus expression of the 11 *Mycoreovirus-1* genome segments and identification of the guanylyltransferase-encoding segment. *Journal of General Virology* 88, 342-50.

Crouch, J. A., Clarke, B. B., and Hillman, B. I. 2006. Unraveling evolutionary relationships among the divergent lineages of *Colletotrichum* causing anthracnose disease in turfgrass and corn. *Phytopathology* 96, 46-60.

Crouch, J. A., Clarke, B. B., and Hillman, B. I. 2005. Biology and phylogenetic relationships of *Colletotrichum graminicola* isolates from turfgrass in North America. *International Journal of Turfgrass Science* 10, 186-195.

Suzuki, N., Supyani, S., Maruyama, K. and Hillman, B. I. 2004. Complete genome sequence of *Mycoreovirus I/Cp9B21*, a member of a new genus in the family *Reoviridae* isolated from the chestnut blight fungus, *Cryphonectria parasitica*. *Journal of General Virology*, 85, 3437-3448.

Carbone, I., Liu, Y.-C., Hillman, B. I., and Milgroom, M. G. 2004. Recombination and migration of *Cryphonectria hypovirus 1* as inferred from gene genealogies and the coalescent *Genetics* 166, 1611-1629.

Hillman, B. I., Supyani, S., Kondo, H., and Suzuki, N. 2004. A reovirus of the fungus *Cryphonectria parasitica* that is infectious as particles and related to the *Coltivirus* genus of animal pathogens. *Journal of Virology* 78, 892-898.

DeMarsay, A., Hillman, B. I., Petersen, F. P., Oudemans, P. V., and Schloemann, S. 2004. First Report of *Blueberry scorch virus* on highbush blueberry in Connecticut and Massachusetts. *Plant Disease* 88, 572.