



APS Council at headquarters for mid-year meeting, March 1998.



President 1997  
L. V. Madden

1997 Electronic Technology Advisory Committee is formed. It was designated the Office of Electronic Communications (OEC) in 1998.

1997 APS develops and produces its first CD-Rom title called *Turfgrass Diseases: Diagnosis and Management*



1997 *Arabidopsis* NIM1 gene (also called NPR1) is shown to have homology to the vertebrate *I-κB* gene, known to be involved with innate immunity. The finding solidifies the linkage between active resistance in plants and animals and suggests that the two systems evolved from a common ancestor.

1997 Development of “endophyte-enhanced” turfgrasses—tolerance to plant pathogens and abiotic stresses

1997 Systemic movement of signal molecules shown to be involved in host gene silencing

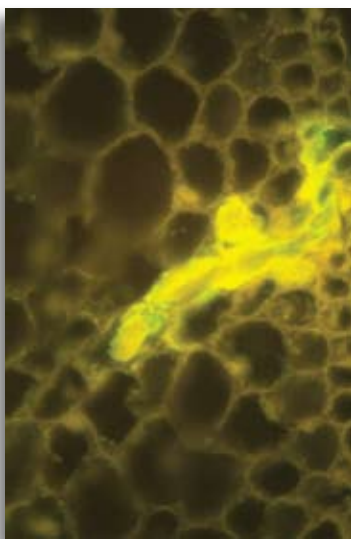
1997 APS News Capsule initiated. Started as a monthly e-mail newsletter to complement *Phytopathology News* and shifted to semimonthly in July 1998.

1997 NEMABASE is launched. This online comprehensive nematode information system was designed to facilitate management decisions ([www.ipm.ucdavis.edu/NEMABASE/](http://www.ipm.ucdavis.edu/NEMABASE/)).

1998 APS begins offering online subscriptions to *Phytopathology*, *Plant Disease*, and *MPMI* through APSnet (January 1998)

1998 First animal cellulase genes are discovered in the nematodes *Globodera rostochiensis* and *Heterodera glycines*. There is evidence of cross-kingdom gene transfer of this trait.

1998 Feature stories initiated on APSnet home page starting with “Phaseout of methyl bromide accelerated” by J. B. Ristaino (February 1998)



1998 RNA interference (RNAi) identified. Demonstration that introduced double-stranded RNA in to *Caenorhabditis elegans* could lead to gene-specific interference.

1998 Viral suppressors of host gene silencing are discovered



1998 First commercially released and used transgenic crop in the U.S. Resistance to papaya ringspot in Hawaii.

1998 First International Service Award. Recognizes members who have made outstanding contributions to plant pathology for countries other than their own.

1998 First Excellence in Industry Award. Recognizes members whose primary employment involves work outside the university and federal systems and who have made outstanding contributions to plant pathology.

1998 A nematode resistance gene is cloned and characterized—the *Mi* gene in tomato confers resistance to the root-knot nematodes *Meloidogyne incognita*, *M. arenaria*, and *M. javanica*

1998 *Caenorhabditis elegans* genome sequenced—first animal genome

1998 First invalidation of a plant taxon resulting from the discovery that the taxon’s description was based on phytoplasma-diseased plants. Discovery that *Fragaria multicapita* was an aberrant form of *Fragaria virginiana* induced by a phytoplasma infection.



President 1998  
C. L. Campbell



Meeting of APS industry members at headquarters, July 1998.