

CURRICULUM VITAE

Emory Guy Simmons

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Personal

Birth Date: 12 April 1920
Place: Hillsboro, Fountain Co., Indiana, U.S.A.; U. S. A. citizen
Home Address: 717 Thornwood Rd., Crawfordsville, IN 47933
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Military Service

1942-1945 U. S. Army Air Force (North Africa, Italy campaigns)

Higher Education

A.B. 1941 Wabash College, Crawfordsville, IN (Botany)
A.M. 1946 DePauw University, Greencastle, IN (Botany & Bacteriology)
Ph.D. 1950 University of Michigan, Ann Arbor, MI (Mycology)

Honors

D.Sc. (*honoris causa*), 1988, Kasetsart Univ., Bangkok, Thailand
Honorary Life Member, Mycological Society of America
Honorary Life Member, World Federation for Culture Collections
Centennial Fellow, British Mycological Society, 1996
Honorary President, International Mycological Association, 2002 (for life)
[see *Wabash Magazine*, Summer/Fall 2002, p. 8]

Professional History

Teaching, research, management

1946-47 Instructor, Dept. Botany & Bacteriology, DePauw University, Greencastle, IN
1948-50 Rackham Graduate Research Fellow, University of Michigan, Ann Arbor, MI
1950-53 Instructor; Assistant Professor, Dartmouth College, Hanover, NH
1953-74 Head, Mycology Group and Research Microbiologist; Director, U.S. Army Quartermaster Culture Collection of Fungi, U.S. Army Natick Laboratories, Natick, MA
1968-69 Secretary-of-the-Army Research Fellow (Thailand, Indonesia, India, U.K.)
1972-80 Professor of Botany (Adjunct), University of Rhode Island, Kingston, RI
1974-77 Professor of Botany and Staff Administrator, University of Massachusetts, Amherst, MA (Principal Investigator, U.S. Army Culture Collection of Fungi (QM))
1977-82 Professor of Microbiology and Staff Administrator, Univ. of Massachusetts, Amherst, MA
1982-83 Professor (Adjunct), Microbiology, Univ. Mass., Amherst, MA
1983-87 Professor (Adjunct), Botany, Univ. Mass., Amherst, MA
1984-92 Visiting Professor and Researcher, Dept. of Microbiology, Faculty of Science, Kasetsart University, Bangkok, Bangkok, Thailand
1987- Research Associate, Wabash College, Crawfordsville, IN

Offices, Boards, Committees (none current)

President, Mycological Society of America 1967-68; formerly Secretary-Treasurer and Council Member; now Honorary Life Member
Fellow and Member of the Council, American Association for the Advancement of Science
U. S. Representative, Organization for Economic Cooperation and Development, Committee on Deterioration
Chairman, Advisory Committee on the Collection of Fungi, American Type Culture Collection
President and Council Member, Research Society of America, NLABS Branch, U. S. Army Natick Laboratories
Chairman of Delegates, First International Mycological Congress, 1971, Exeter, U. K.
Chairman of the Executive Committee and President of the Board, Second International Mycological Congress, Inc., 1974-1977, Tampa, USA
President, U. S. Federation for Culture Collections
Secretary, and Member, Executive Board, World Federation for Culture Collections
Vice-President, International Mycological Association
Chairman, Committee Advisory to Mycology Department, American Type Culture Collection
U. S. Member, International Biodegradation Research Group (Committee on Taxonomy), OECD
Member, Subcommittee on Living Type Material, Nomenclature Committee, International Mycological Association
Member, Committee on Nomenclature, Mycological Society of America
Member, Executive Committee, International Mycological Association
Member, UNEP/UNESCO/ICRO Panel on Microbiology, Advisory Committee on Culture Collections
Member, International Cell Research Organization

International Development & Training Activities

Instruction, organization, consulting, training courses in regional culture collections and MIRCENS (Microbiological Research Centers, usually under sponsorship of UNEP/UNESCO); consultation on mycology/microbiology curriculum development and research activities.

1967	Bangkok, Thailand	1983	Bangkok, Thailand
1968-69	Bangkok, Thailand	1984-85	Bangkok, Thailand
1973	São Paulo, Brazil	1985-89	Taipei, Taiwan
1976	Bombay, India	1985-92	Bangkok, Thailand
1977-78	Bangkok, Thailand	1995	Lyngby, Denmark
1979	Cairo, Egypt	1999	Caracas, Venezuela

Special Activities

1995 Conducted specialist workshop on Taxonomy of *Alternaria*; Pennsylvania State University; international attendance; illustrated workshop manual, 200 pp. (unpublished).
2001 Core Participant, National Science Foundation Research Coordination Network in Biological Sciences: A Phylogeny for Kingdom Fungi. (Initial funding for five years.)

Current Status (2008)

Retired from U. S. Government appointment in 1974.

Retired from active University appointments in 1982. (Appointments at University of Massachusetts (Botany and Microbiology, 1974-1982) were as Principal Investigator linked to research contracts and grants administered through the University. Appointment 1983--1987 was as Adjunct Professor of Botany.)

Currently engaged in continuing mycological research and publishing; in a moderate amount of consulting and service work in the U.S.A.; as a consulting resource for university graduate students in the U.S.A. and internationally on *Alternaria* and *Stemphylium* research programs; and with professional colleagues pursuing *Alternaria* programs on an international basis. Within the 2000-2008 update period, advice in master and doctorate thesis work with students at Cornell University, Univ. British Columbia (Vancouver), Univ. California (Davis). Current/recent advisory and cooperative research activity in Australia, Canada, Denmark, Iran, New Zealand, Norway, Russia, and U.S.A. (USDA in Maryland and Washington states; university departments in Arizona, Idaho, Louisiana).

Publications

1947. Studies in the stromatic Sphaeriales of Indiana. Proc. Indiana Acad. Sci. 56: 38-74.
1949. Ibid.--II. 1. c., 58: 82-91.
1952. Culture studies in the genera *Clathrospora*, *Pleospora*, and *Leptosphaeria*. Mycologia 44: 330-365.
1954. Ibid.--II. Mycologia 46: 184-200.
1963. Fungus Cultures: conservation and taxonomic responsibility; pp. 100-110, in Culture Collections: Perspectives and Problems. University of Toronto Press.
1964. *Alternaria* Nees ex Wallroth nom. cons. prop. Regnum Vegetabile 34: 46-47.
1965. *Alternaria chrysanthemi*. Mycologia 57: 140-143.
1965. A survey of some species of *Aspergillus* and *Penicillium* for production of aflatoxins and kojic acid. U. S. Army NLABS Tech Rept., Microbiol. Ser. no. 20. 21 pp. [F. W. Parrish, B. J. Wiley, E. G. Simmons, and L. Long, Jr.]
1966. Production of aflatoxins and kojic acid by species of *Aspergillus* and *Penicillium*. Applied Microbiology 14: 139. [F. W. Parrish, B. J. Wiley, E. G. Simmons, and L. Long, Jr.]
1966. [Review of] Le Genre *Alternaria*, by Patrick Joly. Mycologia 58: 340-344.
1966. *Alternaria* blight of guar in the United States. Mycopath. et Mycol. Appl. 29: 129-133. [R. G. Orellana and E. G. Simmons]
1966. The theoretical bases for classification of the Fungi Imperfecti. Quarterly Review of Biology 41: 113-123.
1967. Typification of *Alternaria*, *Stemphylium*, and *Ulocladium*. Mycologia 59: 67-92.
1968. A survey of fungi in a military aircraft fuel supply system. International Biodeterioration Bulletin 4: 39-41. [R. T. Darby, B. J. Wiley, and E. G. Simmons]
1968. Blight of *Richardia scabra* caused by *Alternaria multirostrata* sp. n. Phytopathology 58: 1139-1142. [C. R. Jackson and E. G. Simmons]
1969. Perfect states of *Stemphylium*. Mycologia 61: 1-26.
1971. *Helminthosporium allii* as type of a new genus. Mycologia 63: 380-386.
1971. *Gliocephalotrichum*, new combinations and a new species. Mycologia 63: 575-585. [B. J. Wiley and E. G. Simmons]

1971. [Review of] *Pilze aus Agrarböden*, by K. H. Domsch and W. Gams. *Mycologia* 63: 694-696.
1972. [Review of] Dematiaceous Hyphomycetes, by M. B. Ellis. *Mycologia* 64: 932-934.
1973. New species and a new genus of Plectomycetes with *Aspergillus* states. *Mycologia* 65: 934-938. [B. J. Wiley and E. G. Simmons]
1974. Fungi Imperfecti; pp. 206-231, in R. B. Stevens (Ed.), *Mycology Guidebook*. University of Washington Press. 703 pp.
1976. The World Federation for Culture Collections from a mycological viewpoint; pp. 116-118, in *Proceedings of the Second International Conference on Culture Collections, Brazil, 1973*.
1977. New useful microfungi from the oriental tropics; pp. 48-56, in *Proceedings of the Third International Conference on Culture Collections, Bombay, India, 1976*.
1977. Classification of some cellulase-producing *Trichoderma* species; p. 618, in *Abstracts of the Second International Mycological Congress, U.S.A., 1977*.
1978. *Alternaria*--an exercise in diversity; pp. 130-135, in *Proceedings of the International Symposium on Taxonomy of Fungi, Part One, Madras, India, 1973*.
1981. *Alternaria* themes and variations [1-6]. *Mycotaxon* 13: 16-34.
1981. *Halysiomycetes*, a new dematiaceous genus from Arizona's Sonoran Desert. *Mycotaxon* 13: 407-411.
1982. *Alternaria* themes and variations (7-10). *Mycotaxon* 14: 17-43.
1982. *Alternaria* themes and variations (11-13). *Mycotaxon* 14: 44-57.
1983. An aggregation of *Embellisia* species. *Mycotaxon* 17: 216-241.
1986. *Alternaria* themes and variations (14-16); (17-21); (22-26). *Mycotaxon* 25: 195-202; 203-216; 287-308.
1986. Perfect states of *Stemphylium*--II. *Sydowia* 38 (1985): 284-293.
1986. *Gibbago*, a new phaeodictyoconidial genus of Hyphomycetes. *Mycotaxon* 27: 107-111.
1987. *Dissitimurus*, a new dematiaceous genus of Hyphomycetes. *Mycotaxon* 30: 247-252. [E. G. Simmons, M. R. McGinnis, and M. G. Rinaldi]
1989. Quality control factors for *Alternaria* allergens. *Mycotaxon* 34: 55-63. [H. A. Burge, M. E. Hoyer, W. R. Solomon, E. G. Simmons, and J. Gallup]
1989. Perfect states of *Stemphylium*. III. *Memoirs of the New York Botanical Garden* 49: 305-307.

1989. *Macrospora* Fuckel (Pleosporales) and related anamorphs. *Sydowia* 41: 314-329.
1990. *Alternaria* themes and variations (27-53). *Mycotaxon* 37: 79-119.
1990. *Embellisia* and related teleomorphs. *Mycotaxon* 38: 251-265.
1990. *Stemphylium* leaf spot; causal organisms. pp. 17-20, in D. L. Stuteville and D. C. Erwin (eds.), *Compendium of Alfalfa Diseases*, 2nd ed. APS Press.
1992. *Alternaria* taxonomy: Current status, viewpoint, challenge. pp. 1-35, in J. Chelkowski and A. Visconti (eds.), *Alternaria* Biology, Plant Diseases and Metabolites. (Topics in Secondary Metabolism - Vol. 3) Elsevier, Amsterdam. 573 pp.
1993. *Alternaria* themes and variations (54-62). *Mycotaxon* 46: 171-199.
1993. *Alternaria* themes and variations (63-72). *Mycotaxon* 48: 91-107.
1993. *Alternaria* themes and variations (73). *Mycotaxon* 48: 109-140. [E. G. Simmons and R. G. Roberts]
1994. *Alternaria* themes and variations (74-105). *Mycotaxon* 50: 219-270.
1994. *Alternaria* themes and variations (106-111). *Mycotaxon* 50: 409-427.
1995. *Alternaria* chronology and catalogue raisonné. Part I (1796-1871). *Mycotaxon* 55: 1-53.
1995. *Alternaria* themes and variations (112-144). *Mycotaxon* 55: 55-163.
1996. *Alternaria* themes and variations (145-149). *Mycotaxon* 57: 391-409.
1996. *Alternaria* themes and variations (150). [Index to Alt.T&V 1-149] *Mycotaxon* 59: 319-335.
1997. *Alternaria* themes and variations (151-223). Species on Asteraceae. *Mycotaxon* 65: 1-91.
1998. *Alternaria* themes and variations (224-225). Brevicatenate species; new species on *Cuscuta*. *Mycotaxon* 68: 417-427.
1998. Multiplex conidium morphology in species of the *Ulocladium atrum* group. *Canadian Journ. Botany* 76: 1533-1539.
1999. *Alternaria* themes and variations (226-235). Classification of citrus pathogens. *Mycotaxon* 70:263-323.
1999. *Alternaria* themes and variations (236-243). Host-specific toxin producers. *Mycotaxon* 70: 325-369.

1999. Outbreak of leaf spot of *Saponaria* caused by *Alternaria saponariae* in California. *Plant Disease* 83: 694. (S. T. Koike, D. M. Henderson, S. A. Tjosvold, and E. G. Simmons)
2000. *Alternaria* themes and variations (244-286). Species on Solanaceae. *Mycotaxon* 75: 1-115.
2001. Perfect states of *Stemphylium*--IV. *Harvard Papers in Botany* 6: 199-208.
2002. *Alternaria* themes and variations (287-304). Species on Caryophyllaceae. *Mycotaxon* 82: 1-40.
2002. *Alternaria* themes and variations (305-309). *Lewia/Alternaria* revisited. *Mycotaxon* 83: 127-145.
2002. Taxonomy and pathology of *Macrospora/Nimbya* on some North American bulrushes (*Scirpus* spp.) *Mycotaxon* 84: 413-428. (D. A. Johnson, E. G. Simmons, J. S. Miller, and E. L. Stewart)
2003. *Alternaria* themes and variations (310-335). Species on Malvaceae. *Mycotaxon* 88: 163-217.
2004. Novel dematiaceous Hyphomycetes. *Studies in Mycology* 50: 109-118.
2007. *Alternaria*. An Identification Manual. CBS Biodiversity Series 6. 775 pp. 288 figs.