**George W. Bird, Professor**

**Department of Entomology**

**Michigan State University, East Lansing, Michigan**

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**http://www.ent.msu.edu/Directory/Facultypages/bird/tabid/133/Default.aspx**

**Education**

 B.S. Rutgers University 1961

M.S. Rutgers University 1963 .

Ph.D. Cornell University 1966

**Selected Professional Experience**

2015-present Founder/CEO, Prof George LLC

1976‑present Professor, Dept. of Entomology, Michigan State University

1993-2012 Board of Directors, Rodale, Institute

1991‑93 Dir., Sus. Agric. Research & Education, USDA/CSREES, Wash., D.C.

1973‑76 Assoc. Prof., Dept. of Entomology, Michigan State University

1971‑73 Associate Professor, Department of Plant Pathology, Univ. of Georgia,

1968‑71 Assistant Professor, Department of Plant Pathology, Univ. of Georgia

1966‑68 Research Nematologist, Agriculture Canada, Harrow, Ontario

**Areas of Expertise**

- Soil Health Biology - Nematology - Integrated Pest Management

- Sustainable Development - Agricultural Systems - Education Systems

**Selected Honors and Awards**

 2020 College of Agric. & Nat. Res., Alum. Assoc., Distinguished Faculty Award

2017 Michigan Vegetable Council Associate Farmer Award

2016 Melvin Jones Fellow, Humanitarian Services

2015 NC Sustainable Agriculture Research and Education Hero Award

 2009 Howard and Lili Ann Camden Endowed Teacher/Scholar Award

2006 Distinguished Faculty Award, College of Natural Science Alumni Association

2004 Outstanding Extension Specialist Award, Agricultural Extension Agents Association

1995 Michigan State University Distinguished Faculty Award

1994 Distinguished Professor Award, Natural Science

1987 Fellow, Society of Nematologists

1983 Fellow, American Phytopathological Society.

 1982 Outstanding Extension Specialist Award, Extension Specialist Association

1971 Outstanding Teacher Award, University of Georgia, College of Agriculture

1971 Distinguished Service Award, University of Georgia, College of Agriculture Alumni Assoc.

1960 National Intercollegiate Apple Judging Champion

1956 Honorary Host to Connecticut Governor Ribicoff, Eastern States Exposition

**International Experience**

2016 Co-Chair, Bishkek Almaty Workshops

2007-present Borloug Fellow Mentor

2005-present IPM CRSP, Central Asia

1999-2004 Rodale Inst/Shinji Shumeikai Japan

1982-1988 Zimbabwe Department of Agriculture

1974-1975 Associate. Editor, Nematropica, ONTA

**Selected Publications (2005-2018)**

* Bird, G. and F. Warner. 2018. Nematodes and Nematologists of Michigan. pp. 57-85 (in) Plant Parasitic Nematodes in Sustainable Agriculture of North America, Vol. 2, S. Subbotin and J. Chitambar (eds) Subbotin and J. Chitambar (eds) Springer Nature, New York. 457 pp.
* Bird, G. G. Abawi and J. LaMondia. 2018. Plant Parasitic Nematodes of New York, New Jersey and Pennsylvania. Pp. 27-56 m(in) Plant Parasitic Nematodes in Sustainable Agriculture of North America, Vol. 2, S. Subbotin and J. Chitambar (eds) Subbotin and J. Chitambar (eds) Springer Nature, New York. 457 pp.
* Bird, G., G. Tylka and I. Zasada. 2018. Role of Population Dynamics and Damage Thresholds in Cyst Nematode Management. pp. 101-127 (in) Cyst Nematodes, R. Perry, M. Moens and J. Jones (eds), CABI, New York.
* Bird G. 2017, The Organic Movement at MSU, pp. 70-80 (in) The Organic Movement in Michigan, M. Kaufman and J. Christianson (eds), Michigan Organic Food and Farm Alliance, East Lansing, 209 pp.
* Maredia, K., G. Bird, D. Landis, F. Zalom, J. Landis, M. Kennelly, M. El-Bouhssini,N. Saidov, M. Aitmatov. 2015. Ecologically-Based Integrated Pest Management Programs for Food Security Crops in Central Asia, pp 154-172 (in) Environmental Crisis in Central Asia. E. Freeman and M. Neuzil (eds), Routledge Press, 195 pp
* Bird, G. W. 2014. Organic Agriculture (pp 565-570) Achieving Sustainability: Visions, Principles and Practices D. Rowe (ed). Gale Cengage, New York. 884 pp.
* Bird G. and J. Smith 2013. Observations on the Biology of Organic Orchard Soils. Acta Hort. 1001:287-293.
* Zoppolo, R., D. Stefanelli, G. Bird and R. Perry. 2011. Soil properties under different orchard floor management systems for organic apple production, Organic Agriculture 1:231-246.
* Tornel, M. Q., G. Bird and S. Gage. 2010. Impact of Micowaves and Water on Acoustical Signatures of Yard and Kitchen Refuse Compost. Compost Science & Technology. Vol. 18:140-144.
* Pajovic, I. G. Bird, S. Sirca, G. Urek, D. Rajkovic, L. Barsi and M Radivojevic. 2010. Meloidogyne (Nematoda: Heteroderidae) detected in greenhouses in Zeta-Bjelopavlici Valley. Natura Montenegrina, Pdogorica 9:913-925.
* Donald W. Dickson, James F. Preston, III, Robin M. Giblin-Davis, Gregory R. Noel, Dieter Ebert and George W. Bird. 2009. Family Pasteuriaceae Laurent 1890, 756AL. Pas.teu.ri.a'ce.ae.N.L. gen. n. Pasteuria type genus of the family; suff. -aceae ending denoting family; N.L. fem. pl. n. Pasteuriaceae the Pasteuria family. Pp. 328-347 in P. De Vos, G. M. Garrity, D. Jones, N. R. Krieg, W. Ludwig, F. A. Rainey, K.-H. Schleifer, and W. B. Whitman, Editors. Bergey's Manual of Systematic Bacteriology, 2nd Edition. Vol. Three, The Firmicutes. New York:Springer.
* Bird, G. W., M. Grieshop, P. Hepperly and J. Moyer. 2009. *Climbing Mt. Organic: An Ecosystem Approach to Pest Management* (pp. 191-208) in *Organic Farming: The Ecological System,* C. Francis (ed). ASA/CSSA/SSA/ASF Pub., Madison, WI.
* Niblack, T., G. Tylka, J. Bond, G. Bird, F. Warner, S. Chen, D. Malvick, A. Dorrance, K. Harrison, P. Esker, A. MacGuidwin, J. Faghihi, V. Ferris, L. Giesler, T. Powers, D. Hershman, D. Jardine, T. Todd, B. Nelson, S. Markell, L. Osborne, T. Chase, L. Sweets, A. Tenuta and T. Welacky. 2009. *SCN (Soybean Cyst Nematode) Management Guide* (5th Ed). NC Soybean Research Program Publication. 16 pp.
* Francis, C., C. Poincelot and G. Bird, 2006. A New Social Contract: Developing and Extending Sustainable Agriculture, Haworth Press Inc. 367 pp.
* Bird, G. W. and M. J. Brewer. 2006. Integrated Pest Management, Eco-Literacy and Unexpected Consequences pp. 25-50 (in) New Social Contract: Developing & Extending Sustainable Agric., Francis, C, R. Poincelot and G. Bird (eds). Haworth Press Inc. 367.
* Kirschenmann, F. & G. Bird. 2006. Future Potential for Organic Farming: A Question of Ethics and Productivity. pp. 307-324 (in) New Social Contract: Developing & Est. Sustainable Agric., Francis,C, Poincelot & G. Bird (eds). Haworth Press Inc. 367 pp.
* Yao, S., I. A. Merwin, G. W. Bird, G. S. Abawi and J. E. Thies. 2005. Orchard floor management practices that maintain vegetative or biomass groundcover stimulate soil microbial activity and alter soil microbial community composition. Plant and Soil 271:377-389.