

Vitae

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EDUCATION

Ph.D. 1979, Michigan State University, Genetics and Botany
B.S. 1973, Michigan State University, Biology (with honors)

PROFESSIONAL EMPLOYMENT HISTORY

2004 – Present, EXTENSION SPECIALIST (Professor I), Department of Plant Biology and Pathology, Rutgers University; Affiliate Faculty of the Rutgers Food Innovation Center, Cook College, Rutgers Cooperative Research and Extension/NJAES, Rutgers University. *Responsibilities:* Research and extension in horticulture and plant breeding, teaching Plant Breeding, and program management.

2002 – 2004, EXTENSION SPECIALIST and INTERIM AGRICULTURAL AND RESOURCE MANAGEMENT AGENT, ESSEX AND PASSAIC COUNTIES, (NJ), Rutgers Cooperative Extension, Departments of Extension Specialists and Plant Biology and Pathology, Rutgers University. *Responsibilities:* Extension programming, advisement to county governing boards

1995 – 2002, CHAIR, DEPARTMENT OF EXTENSION SPECIALISTS AND EXTENSION SPECIALIST WITH TENURE, Rutgers Cooperative Extension, Rutgers University. *Responsibilities:* Fiduciary and academic leadership, planning, personnel management and development (46 faculty, 32 staff)

1994 – 1996, PRINCIPAL CONSULTANT, Agrisynnergies, Inc., Aptos, CA, *Responsibilities:* Technical support to agribusiness in biotechnology, seed production, and the development of international partnerships in perishable commodities.

1992 - 1994, SENIOR DIRECTOR, PRODUCT DEVELOPMENT, DNA Plant Technology Corporation, Cinnaminson, NJ. *Responsibilities:* Management of applied agricultural research, seed production, post harvest biology, package engineering, and food science in connection with the development of value-added fruit and vegetable products (staff of 28, annual operating budget \$2.6 million); managed \$1.2 million annual contractual programs with universities and major U.S. and international companies.

1986 – 1992, DIRECTOR, WESTERN R & D STATION, Watsonville, CA, DNA Plant Technology Corporation, Cinnaminson, NJ. *Responsibilities:* Managed applied agricultural research, seed production, and the supply of vegetable crop raw

materials for the company's business operations (staff of 12, annual operating budget \$1.25 million); managed \$0.6 million annual contractual programs with universities and major U.S. and international companies.

1985 – 1986, DIRECTOR OF RESEARCH, Heartland Technologies, Inc., Boulder, CO. *Responsibilities*: Co-founded a biotechnology startup company; recruited a management team and a Board of Directors, co-authored a business plan, and participated in numerous presentations to potential investors.

1983 – 1985, ADJUNCT PROFESSOR, Department of Vegetable Crops, University of California, Davis. *Responsibilities*: Conclusion of grant obligations and student advisement.

1982 – 1985, GROUP LEADER, Somatic Cell Genetics Group, Applied Genetics Laboratory, Agrigenetics Corporation, Boulder, CO. *Responsibilities*: Managed a scientific staff of 5 Ph.D./M.S. and 5 B.S. scientists, annual operating budget of \$0.65 million, providing commercial applications of biotechnology in vegetable crop improvement.

1978 – 1982, ASSISTANT PROFESSOR, Department of Vegetable Crops, and GENETICIST in the Agricultural Experiment Station, University of California, Davis. *Responsibilities*: Research, teaching and student advisement, extension. Endorsed for a grant of academic tenure in the 1982 UCD “Minitenure” process.

1974 – 1978, GRADUATE ASSISTANT, Michigan State University, Teaching Assistantships for 2.5 years, Research Assistantship for 1.5 years; taught recitation and laboratory sections in General Biology 210, 211, and 212, and recitation sections in General Genetics 200.

PROFESSIONAL DOCUMENTATION (1979 – present)

- **Dissertations**: 1
- **Published Books – Authored**: 1; **In Preparation**: 1
- **Published Books – Co-Edited**: 2
- **Published Books – Invited Chapters**: 14
- **Journal Articles – Refereed**: 47
- **Journal Articles – Not Refereed**: 9
- **Published Conference Proceedings**: 15
- **Abstracts**: 10
- **National and International Conference Presentations and Seminars**: 50 (41 invited)
- **Patents**: 1 (U.S. #5124505)
- **Technical Reports**: 21
- **Grants and Contracts**: PI or Co-PI on grants totaling \$2.15 million