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FIC: [www.thaiitreoh.rutgers.edu](http://www.thaiitreoh.rutgers.edu)

**Education**

- 1995                      M.P.H. in Environmental Health  
University of Medicine and Dentistry of New Jersey-School of Public Health  
Piscataway, New Jersey
- 1988                      Ph.D. in Plant Science  
The Graduate School, Rutgers-The State University of New Jersey  
New Brunswick, New Jersey
- 1979                      M.S. in Plant Science  
The Graduate School, Rutgers-The State University of New Jersey  
New Brunswick, New Jersey
- 1977                      B.S. in Agricultural Science with High Honors  
Cook College, Rutgers-The State University of New Jersey  
New Brunswick, New Jersey.

**Summary of Experience-Current**

**Dean of Agricultural and Urban Programs**  
**Professor and Extension Specialist in Entomology (Primary)**  
**Rutgers University – School of Environmental and Biological Sciences**  
**Professor of Environmental and Occupational Health (Secondary)**  
**University of Medicine and Dentistry of New Jersey – School of Public Health**  
**New Brunswick, New Jersey**  
Nov 2008 -

As Dean of Agricultural Programs develop and implement degree and non-degree undergraduate and graduate programs in entrepreneurial and innovative education in the agricultural sciences. The major targets careers in agricultural education and extension, government service, and agribusiness as well as an owner/operator of farming enterprises. Areas of focus include controlled-environment agriculture, agricultural policy and entrepreneurship, energy efficiency, and niche agriculture, including agro-tourism, community-supported agriculture, and sustainable agriculture. This includes a master's degree in the business and science of agriculture, as well as non-degree certificate programs. Additionally I am responsible for the Office of Continuing and Professional Education, the Agricultural Leadership program, and the IR-R Minor Use Pesticide program.

Tenured Professor and Extension Specialist in the Department of Entomology, School of Environmental and Biological Sciences. (Primary appointment)

Professor of Environmental and Occupational Health (secondary appointment) in the UMDNJ School of Public Health (Secondary appointment)

Director Thai Fogarty ITREOH Center, Chulalongkorn University, Bangkok, Thailand  
D43 TW007849-01 Fogarty International Center - National Institutes of Health – NIEHS

Member, Graduate Faculty, Joint Graduate Program in Toxicology, University of Medicine and Dentistry of New Jersey and Rutgers University. NIEHS T32-ES07148. Member, Graduate Faculty, Entomology; Member, Graduate Faculty, Environmental Science; Member, Graduate Faculty, Plant Science, The Graduate School – Rutgers University; Member, Graduate Faculty, Edward J. Bloustein School of Public Policy and Planning. Member, Graduate School of Biomedical Sciences, UMDNJ.

Member, NIEHS Center of Excellence, University of Medicine and Dentistry of New Jersey and Rutgers University. NIEHS P30 ES05022.

Visiting Professor, Chulalongkorn University – College of Public Health Sciences.  
Bangkok, Thailand.

Visiting Professor, Chulalongkorn University - Graduate Program in Environmental Management.  
Bangkok, Thailand.

Visiting Professor - Faculty of Environmental Management - Prince of Songkla University.  
Hat Yai, Thailand.

Adjunct Professor – University of Maryland, University College, College Park, Maryland

**Director of the New Jersey Agricultural Experiment Station**  
**Professor and Extension Specialist in Entomology (Primary)**  
**Rutgers University – School of Environmental and Biological Sciences**  
**Professor of Environmental and Occupational Health (Secondary)**  
**University of Medicine and Dentistry of New Jersey – School of Public Health**  
**New Brunswick, New Jersey**  
Sep 2006 – Nov 2008

Serve as the director and primary administrator for the programs of the New Jersey Agricultural Experiment Station (NJAES) at Rutgers University. Under the Executive Dean and Executive Director, supervise all aspects of the state and federal research programs, including Cooperative Extension, Hatch, Smith Lever, and McIntyre Stennis funds, as well as the programs in production agriculture and environmental sciences, health and consumer science, 4H youth development, economic development, the IR-4 Project, and the Office of Professional Education. In total this includes 424 FTEs (faculty and staff) with an annual combined budget of approximately \$85 million

Tenured Professor and Extension Specialist in the Department of Entomology, School of Environmental and Biological Sciences. (Primary appointment) Professor of Environmental and Occupational Health (secondary appointment) in the UMDNJ School of Public Health (Secondary appointment) Director Thai Fogarty ITREOH Center, Chulalongkorn University, Bangkok, Thailand D43 TW007849-01 Fogarty International Center - National Institutes of Health – NIEHS.

Member, Graduate Faculty, Joint Graduate Program in Toxicology, University of Medicine and Dentistry of New Jersey and Rutgers University. NIEHS T32-ES07148. Member, Graduate Faculty, Entomology; Member, Graduate Faculty, Environmental Science; Member, Graduate Faculty, Plant Science, The Graduate School – Rutgers University. Member, Graduate School of Biomedical Sciences, UMDNJ. Member, NIEHS Center of Excellence, University of Medicine and Dentistry of New Jersey and Rutgers University. NIEHS P30 ES05022.

Visiting Professor, Chulalongkorn University – College of Public Health Sciences. Bangkok, Thailand.  
Visiting Professor, Chulalongkorn University - Graduate Program in Environmental Management.  
Bangkok, Thailand. Visiting Professor - Faculty of Environmental Management - Prince of Songkla  
University. Hat Yai, Thailand.

### **Summary of Experience-Previous**

**Chairman and Associate Professor**  
**Department of Environmental and Occupational Health**  
**Assistant Dean of Student Affairs**  
**University of Medicine and Dentistry of New Jersey-School of Public Health**  
**Piscataway, New Jersey**  
Nov 2000 to Aug 2006

Served as the Chairman of the Department of Environmental and Occupational Health in the UMDNJ-School of Public Health (SPH). Provided guidance, leadership, and oversight to the departmental faculty in the School. Responsible for course assignments, scheduling, and development of new programs in the areas of environmental and occupational health. Taught core courses and electives for SPH students, and served as advisor to Masters and Doctoral students. As Assistant Dean of Student Affairs oversaw the admissions process for MPH and certificate programs as well as judicial matters; provided oversight on student service issues, graduation, fees and student life programs.

Fulbright Senior Specialist in Environmental Science at Prince of Songkla University in Hat Yai Thailand. Selected by the Fulbright Foreign Scholarship Board, the Bureau of Education and Cultural Affairs of the Department of State and the Council for International Exchange of Scholars (2005)

Associate Director and Member, Graduate Faculty - Joint Graduate Program in Toxicology, University of Medicine and Dentistry of New Jersey and Rutgers University.  
NIEHS T32-ES07148.

**Executive Director, Environmental and Occupational Health Sciences Institute.**  
**Rutgers University, Piscataway, New Jersey.**  
Apr 1993-Nov 2000

Initiated, developed, and implemented all administrative matters for the Environmental and Occupational Health Sciences Institute (EOHSI). Worked with and coordinated administrative and scientific personnel at Rutgers University and the University of Medicine and Dentistry of New Jersey. Served as central coordinator for day to day building operations. Facilitated the effective integration of independent graduate programs in Toxicology, Public Health, Occupational Medicine Residency and Exposure Assessment. Worked with the Director and Division Directors in the administration and oversight of an annual combined extramural budget of \$27 million. Provided direction, guidance, and oversight to all administrative matters, equipment purchases, and project and contract administration.

**Assistant Professor, Science Coordinator, Environmental and Occupational Health Sciences Institute UMDNJ-Robert Wood Johnson Medical School, Piscataway, New Jersey.**  
Nov 1991-Apr 1993

Provided support and coordination for the implementation of interdisciplinary research and education in health and environmental sciences. Organized and implemented conferences, lecture programs, colloquia, and seminars on relevant topics. Provided administrative support to the Director and Executive Director. Worked with EOHSI divisions to integrate program components, facilitate teaching and research efforts.

**Director, Division of Regulatory Services, New Jersey Department of Agriculture (NJDA).**

Oct 1990-Nov 1991

Under the direction of the Secretary of Agriculture, provided leadership and guidance for the work program and staff of the Division of Regulatory Services whose primary responsibility was to direct the various programs to assure the quality of agricultural chemicals and farm products for the protection of consumers and to assure payment to producers of perishable agricultural products. Acted as the science technical advisor to the Secretary of Agriculture on environmental, pesticide, and food safety issues. Served as the Secretary's representative on the Clean Air Council, as well as numerous councils and committees regarding regulations and public health and safety.

**Deputy Director, Division of Rural Resources, New Jersey Department of Agriculture (NJDA).**

Mar 1989-Oct 1990

Assisted in the administration, planning, development, implementation, and evaluation of the programs in the Rural Resources Division, which included Soil and Water Conservation, Agricultural and Economic Development, Fisheries and Seafood Development, and the New Jersey Agricultural Statistical Service. Assisted in the management and supervision of Division personnel. Served as a technical resource for environmental, pesticide, and food safety issues. Initiated, directed and coordinated programs dealing with broad rural public policy issues.

**Research Scientist I, New Jersey Department of Environmental Protection (NJDEP).**

Mar 1985-Mar 1989

Supervised Technical Evaluation and Monitoring Section of the Pesticide Control Program. Provided scientific support to Certification and Compliance Bureaus of the pesticide regulatory agency. Coordinated special projects for the Program in pesticide use, disposal, assessment and impact. Served as liaison for the Program to other state agencies, universities, and industry. Served as a Quality Assurance/Quality Control Manager for the Program. Coordinated computer and database projects.

**Extension Pesticide Coordinator, Rutgers Cooperative Extension.**

Jul 1981-Mar 1985

Developed and administered an educational program in the proper use of pesticides and pesticide applicator certification. Coordinated a statewide pesticide impact assessment program. Served as liaison and provided assistance to various state agencies with regard to pest control and pesticide use.

**Extension Associate in Horticulture, Rutgers Cooperative Extension.**

Jul 1980-Jun 1981

Worked with extension specialists and county agricultural agents conducting applied research to develop small fruit and vegetable recommendations. Provided publication, training, and educational programs for commercial and residential growers.

**Research Grants: Active**

Thai Fogarty ITREOH Center

Grant Number: 1 D43 TW007849-01

Fogarty International Center - National Institutes of Health – NIEHS

May 2007 to Jan 2012                      \$706,250                      Principal Investigator

Tsunami Long Term Relief Efforts

Grant Number: 61416

Robert Wood Johnson Foundation

Nov 2007 to May 2010           \$295,390           Principal Investigator  
Solving Critical Urban Environmental Issues: A Collaboration between the Chinese Academy of Sciences  
and Rutgers University  
Rutgers University

July 2008 to Dec 2009           \$8,000           Principal Investigator

Perchlorate in Breast Milk Pilot Project  
NJDEP-Division of Science, Research, and Technology  
Sep 2006 to Dec 2008           \$75,000           Co-investigator

### **Research Grants: Completed (since 1992)**

Development of Indicators of Gestational Exposure of Infants  
Grant number: SR04-058  
NJDEP-Division of Science, Research and Technology  
Dec 2001 to Jun 2008           \$243,745           Principal Investigator

Investigation of Endocrine Disruptor Compounds in New Jersey Frogs  
NJDEP-Division of Science, Research, and Technology  
Jul 2002 to Dec 2007           \$84,397           Principal Investigator

Peer Review of NJDEP Chromium Workgroup Report  
NJDEP-Division of Science, Research, and Technology  
Oct 2004 to Oct 2006           \$26,137           Principal Investigator

Investigation of Health Information on Unregulated Contaminants Found in NJ Drinking Water  
NJDEP-Division of Science, Research, and Technology  
Jan 2004 to Dec 2005           \$10,000           Principal Investigator

Environmental and Health Effect Tracking in New Jersey: Developing Capabilities and Establishing  
Collaborations  
NJDEP-Division of Science, Research, and Technology  
Apr 2004 to Dec 2005           \$28,000           Principal Investigator

Survey of Migrant Worker Access to Health Care  
New Jersey Office of Rural Health  
Apr 2004 to Oct 2004           \$10,000           Principal Investigator

Exposure Assessment and Source Apportionment of Pb and As Exposures in Rural Thailand  
NIEHS Environmental Health Sciences Center  
Jun 2003 to Dec 2004           \$15,000           Principal Investigator

Urban Residential IPM Strategies  
USEPA  
Oct 2003 to Sep 2004           \$40,000           Principal Investigator

Pesticide Resource Gateway Project  
National Environmental Education and Training Foundation, Washington, D.C.  
Jan 2002 to Jun 2004           \$40,000           Principal Investigator

Research in Environmental Health  
New Jersey Agricultural Experiment Station, Rutgers University  
Jul 2003 to Jun 2004           \$17,847           Principal Investigator

Environmental Health Information to Laboratory Support NJDHSS-Division of Environmental Laboratories, Trenton, New Jersey Sep 2002 to Sep 2003	\$40,000	Principal Investigator
Preliminary Assessment of Health Information in Synthetic Organic Chemicals Found in Water NJDEP-Division of Science Research and Technology Oct 2001 to Mar 2003	\$32,000	Principal Investigator
Burlington County Watershed Pesticide Pilot Project Burlington County Office of Land Use Planning Apr 2001 to Dec 2002	\$50,000	Principal Investigator
Research in Environmental Health New Jersey Agricultural Experiment Station, Rutgers University Jul 2002 to Jun 2003	\$35,695	Principal Investigator
An Evaluation of Asthma and Intervention in Urban K-8 Students School of Public Health Exploratory Research- Robert Wood Johnson Foundation Funds Mar 2001 to Mar 2002	\$7,500	Principal Investigator
Consortium for Risk Evaluation and Stakeholder Participation (CRESP), Administrative Core Funding Jan 1998 to Dec 2001	\$609,924	Principal Investigator
Organophosphate Exposure Based on the Paraoxanase (PON1) Polymorphism, NIEHS Center Jul 2000 to Jun 2001	\$10,839	Co-Investigator
NJDEP-Academic Indicators Partnership Developing In State Capability: Program Management NJDEP - Division of Science, Research and Technology Jan 2001 to Dec 2001	\$75,000	Co-investigator
Exposure to Airborne Polycyclic Organic Matter and Adverse Reproductive Outcomes Jul 1999 to Jun 2000	\$14,325	Principal Investigator
NJDEP-Academic Indicators Partnership Developing In-State Capability: Human Health NJDEP - Division of Science, Research and Technology Jul 1998 to Jun 2000	\$25,000	Principal Investigator
Utilization of County Natural Resource Inventories in the Protection of Critical Watershed Areas NJDEP-Division of Science, Research and Technology Jul 1998 to Jun 2000	\$35,000	Principal Investigator
Case Study Training Video, Rea Brothers Case Study USEPA Oct 1998 to Sep 1999	\$44,000	Co-Investigator
NJDEP/Academic Partnership in Environmental Science and Health NJDEP-Division of Science and Research Jul 1997 to Jun 1998	\$25,000	Principal Investigator
Community Responsive Partners for Environmental Health NIH-National Environmental Health Sciences Institute Oct 1995 to Sep 1999	\$104,000	Co-Investigator

Investigation of and Technical Support for: 1) Health Effects of Chemically Contaminated Sediments in NY/NJ Harbor Estuary and Coastal Regions, and 2) Alternative to Ocean Disposal of Contaminated Dredged Material from the NY/NJ Port

NJDEP-Division of Science and Research

Jul 1994 to Jun 1997                      \$133,012                      Principal Investigator

National Human Exposure Assessment Study - Pesticides and PAHS in Food

USEPA/RTI

Oct 1993 to Sep 1997                      \$164,000                      Principal Investigator

Assessment of Regulatory, Market and Financial Obstacles to Integrated Pest Management

NJDEP-Office of Pollution Prevention

Jul 1993 to Jun 1994                      \$7,500                      Principal Investigator

Assessment and Measurement of Pesticides for Regulatory Guidance

NJDEP - Pesticide Control Program

Jul 1992 to Jun 1995                      \$199,396                      Co-Investigator

Technology Transfer for Cancer Research

New Jersey Commission for Cancer Research

Jul 1993 to Jun 1994                      \$24,145                      Co-Investigator

### **Contributing Editor**

*Public Health Reports*

DHHS-ASPH-PHS, Cincinnati, Ohio

### **Editorial Board Membership**

*International Journal of Occupational and Environmental Health.*

Abel Publishing Services, Burlington, North Carolina

*Journal of Environmental Health.*

National Environmental Health Association, Denver Colorado

*New Solutions, A Journal of Environmental and Occupational Health Policy.*

Baywood Publishing Company, Inc., Amityville, New York

### **Manuscript Peer-Review Activities**

*Environmental Geochemistry and Health*

*Science of the Total Environment*

*American Journal for Industrial Medicine*

*Journal of Environmental Health*

*New Solutions Journal*

*Journal of Risk Analysis*

*Local Environment: The International Journal of Justice and Sustainability*

*Withgott/Brennan's Environment: The Science behind the Stories*

### **Peer-Review Activities**

NIH Blue Ribbon Panel responding to public commentary and concerns regarding the construction and operation of a high containment research facility (the National Emerging Infectious Diseases Laboratory) at Boston University Medical Center, 2008 to 2009

NIH-NIEHS Special Study Section, for Community Based Participatory Research Targeting the Medically Underserved, 2008

NIH-NIEHS Special Study Section (Chair), for Community Based Participatory Research Projects, 2007

USEPA FIFRA Scientific Advisory Panel, for Review of Worker Exposure Assessment Methods, 2007

NIH-NIEHS Special Study Section (Chair), for Community Based Participatory Research Projects, 2006

Health Research Council of New Zealand, for Occupational Health and Safety Joint Research, 2006

NIH-NIEHS Special Study Section (Co-Chair), Community Based Participatory Research Projects, 2005

NIH-NIEHS Special Study Section (Chair), SBIR (Small Business Innovation Research) and STTR (Small Business Technology Transfer) E-Learning, 2005

NIH-NIOSH Special Study Section for RO1 Ag Child Health Proposals, 2004

NIH-NIOSH Special Study Section for U50 for Ag Child Health Centers, 2004

NIH-NIEHS Special Study Section for Ethics in Environmental Justice Research, 2002

USEPA Board of Scientific Counselors for Review of National Exposure Research Laboratory, 2001

NIH-NIEHS Special Study Section for Community Based Environmental Research Grants, 2001

NIH-NIEHS EHS Center Review Committee for University of Iowa, 2001

NIH-NIEHS Special Study Section for Environmental Justice Grants, 2000

EPA Peer Review for the Agricultural Health Study (Chair), 1999-2001

National Academy of Science NRC Report for *the Future of Pesticides*, 1999

### **International Activities (Current and Previous)**

Fulbright Senior Specialist Prince of Songkla University Hat Yai, Thailand  
2005

World Information Transfer Inc., UN Recognized NGO, Board of Science Advisors, New York, New York  
1999 to present

European Centre for Occupational Health, Safety, and the Environment  
University of Glasgow- International Advisory Board, Scotland, UK  
1998 to 2003

Environmental Health Center  
Collaborator and International Advisory Board Member, Cluj-Napoca, Romania  
1997 to 2000

Visiting Professor, Faculty of Environmental Management, Prince of Songkla University, Hat Yai, Thailand  
2001 to present and Visiting Professor, Graduate Program in Environmental Management,  
Chulalongkorn University Bangkok, Thailand 2001 to present

## **Teaching Activity**

### *Rutgers School of Environmental and Biological Sciences*

Freshman Seminar - Global Environmental Health 11:015:100: 03 73781  
Director. Spring Semester – 1 credit

### *UMDNJ-School of Public Health*

Introduction to Environmental Health. PHCO 0503  
Co-Director. Fall Semester - 3 credits 1998 to 2007

Introduction to Environmental Health. PHCO 0503  
Co-Director. Spring Semester - 3 credits 1998 to 2007

Pesticides and Public Health. ENOH 0562  
Director. Fall semester - 1 credit

### *Joint Graduate Program in Toxicology*

General Toxicology. 16:963:501.502 1 Lecture  
Neural Injury and Repair. 16:963:632 1 Lecture

## **Honors and Awards**

Rutgers University Graduate School Distinction in the Biological Sciences, 2009  
Jesse B. Leslie Award for Contributions to Mosquito Research, 2008  
ASPH/Pfizer Public Health Academy of Distinguished Teachers, 2007  
UMDNJ-School of Public Health - Distinguished Alumni Award, 2007  
UMDNJ-School of Public Health - SGA Excellence in Teaching Award, 2006  
UMDNJ-School of Public Health - Community Health Award, 2006  
ASPH Recognition as ENOH Council Chair, 2005  
ASPH Certificate of Appreciation for ASPH Core MPH Competency ENOH Workgroup, 2005  
American Water Works Association – Research and Education Award, 2005  
George Hammell Cook Distinguished Alumni Award, Rutgers Cook College, 2005  
Wrightstown Volunteer Fire Company Distinguished Service Award, 2004  
Helyar House (Rutgers) Distinguished Achievement Award, 2003  
Fellow, Academy of Toxicological Sciences: Elected, 2003  
New Jersey Environmental Health Association NEHA Certificate, 2002  
Foundation of UMDNJ Teaching Excellence Award, 2002  
Delta Omega Honorary Public Health Fraternity, 2002  
UMDNJ-School of Public Health - SGA Excellence in Teaching Award, 2001  
UMDNJ-Master Educator, 2001  
Certificate of Appreciation: Outstanding Service in Pesticide Education, USDA and USEPA, 2001  
Telly Award for Outstanding Non-Series Documentary: *An American Farm Tale*, 2000  
New Jersey Commission on Cancer Research: Outstanding Service Award, 1995  
New York Academy of Sciences: Active Member, 1994  
Kellogg Fellow at the National Center for Food and Agriculture Policy Resources For the Future, Washington, D.C. Program in agricultural policy and leadership to study the federal policy making process, particularly from the Legislative and Executive branches of government, 1990  
New Jersey Future Farmers of America: Honorary Garden State Farmer Degree, 1988  
New York Conference Central Atlantic States Assoc of Food and Drug Officials Service Award, 1987  
Pesticide Association of New Jersey for Outstanding Activities in Pesticide Education, 1986  
President's Citation: Soil Conservation Society of America, 1979  
Sigma Xi: Honorary Scientific Research Society, 1978  
Alpha Tau Alpha: Honorary Agricultural Educational Fraternity, 1976  
Alpha Zeta: Honorary Agriculture Fraternity, 1976

### **Professional Affiliations**

American College of Toxicology  
National Environmental Health Association  
Central Atlantic States Association of Food and Drug Officials  
Mid-Atlantic Society of Toxicology  
New Jersey Mosquito Control Association Board of Trustees  
New Jersey Public Health Institute, Vice Chairman of the Board of Trustees

### **Committee and Advisory Group Memberships (selected)**

SEBS International Committee, 2008 -  
New Jersey State Office of Rural Health Advisory Committee, 2008 -  
NJDHSS Occupational Health Surveillance Advisory Board, 2005 -  
UMDNJ-Graduate School of Biomedical Sciences Executive Council, 2005 - 2006  
NJDHSS-CDC Environmental Public Health Data Tracking External Advisory Committee, 2004 -  
NJDEP Chrome Workgroup Peer Review, 2004 - 2006  
ASPH Competency Council ENOH Chair, 2004 - 2005  
ASPH Council on Environmental and Occupational Health, 2001 - Chair 2003 - 2006.  
UMDNJ-Vice President for Operations Search, 2004  
UMDNJ-Vice President for University Affairs Search, 2004  
New Jersey Drinking Water Quality Institute, Chair 2003 -  
UMDNJ-Middle States Accreditation Committee, 2003 - 2005  
UMDNJ-School of Public Health Admissions Committee, Chair 2003 - 2006  
Rutgers University Food and Agricultural Insecurity Initiative, 2002 - 2004  
UMDNJ-School of Public Health Dean's Search Committee, 2001  
UMDNJ-School of Public Health Appointments and Promotions Committee, 2001- 2003  
UMDNJ-Student Assistance Campus Committee- Piscataway Campus, 2001 - 2003  
UMDNJ-School of Public Health Executive Council, 2000 - 2006  
UMDNJ-School of Public Health Executive Committee-Piscataway Campus, 2000 - 2006  
Rutgers University, University College Honors Committee, 1999 -2002  
Rutgers University, University College Academic Standing Committee, 1999 -2002  
Federal Interagency Pesticide Resources for Health Care Providers, Chair 1999 - 2001  
USEPA Agricultural Health Study Peer Review Committee, Chair 1997-2000  
NJ Future Advisory Committee for the Sustainable Goals and Indicators Process, 1997 - 2003  
Rutgers University Ph.D. in Environmental Policy Committee, Chair 1997 - 2000  
Harvard Center for Risk Analysis, Agricultural Health Study Review Committee, 1996 - 2000  
Advisory Board for Environmental Justice, Rural Coalition, Washington, D.C., 1995 - 2000  
NJ Environmental Education Commission, 1992 - 1993  
Rutgers Environmental Sciences and Engineering Research Coordination, 1992 - 2000  
NJDEP Pesticide Review Committee, Chair, 1991 - 2000  
NJAES Sludge Agricultural Management Practices Committee, 1990 - 1996  
NJDEP Sludge Technical Evaluation Committee, 1990 - 1996  
NJ Agricultural Education Advisory Committee, 1990 - 1992  
NJ Clean Water Council (Ex-Officio), 1989 - 1991  
NJ Clean Air Council (Vice-Chair) (Ex-Officio), 1989 - 1991  
NJ Solid Waste Advisory Council (Ex-Officio), 1989 - 1991

**Peer Reviewed Articles (Since 1989)**

1. Mattern, G., Singer, G., Louis, J., **Robson, M.** and Rosen, J. Analysis of linuron in potatoes using capillary column gas chromatography/mass spectrometry. *J. of Assoc. of Official Analytical Chemists*, 72: 970-974. 1989.
2. **Robson, M.**, Hopfinger, J. and Eck, P. Postharvest sensory evaluation of calcium treated peach fruit. *Acta Horticulturae*, 254:173-177. 1989.
3. Mattern, G., Singer, G., Louis, J., **Robson, M.** and Rosen, J. Determination of seven pesticides with a chemical ionization trap detector. *J. of Agri. and Food Chem.*, 38(2): 402-407. 1990.
4. Bukowski J., **Robson, M.**, Buckley, B., Russell, D. and Meyer, L. Air-levels of volatile organic compounds following indoor application of an emulsifiable concentrate insecticide. *Environmental Science and Technology*, 30(8): 2543-2546. 1996.
5. Hamilton G., **Robson, M.**, Ghidiu, G., Samulis, R. and Prostko, E. Seventy-five percent adoption of integrated pest management by 2000? A case study from New Jersey. *American Entomologist*, 43 (3):74-78. 1997.
6. Gurunathan, S., **Robson, M.**, Freeman, N., Buckley, B., Roy, A., Meyer R., Bukowski, J., and Lioy, P. Accumulation of chlorpyrifos on residential surfaces and toys accessible to children. *Environmental Health Perspectives*, 106: 9-16. 1998.
7. Goldstein, B., **Robson, M.**, and Botnick, C. Size characteristics of larger academic human environmental health programs in the United States. *Environmental Health Perspectives*, 106: 615-617. 1998.
8. Greco, R., **Robson, M.**, Russell, D., and Meyer, R. Is hydrocooling a possible mechanism for the transfer of pesticides? *Bulletin Environmental Contamination and Toxicology*, 60: 685-692. 1998.
9. Mansour, H., **Robson, M.**, Meyer, R. and Weisel, C. Potential impact of chlorination of sandy bottom swimming areas on drinking water sources. *International Journal of Environmental Studies*, 56: 653-655. 1999.
10. Schneider, D., **Robson, M.**, Greenberg, M., and Saunders, H. Impacts of health and welfare policy changes on rural America. *Journal of Social Medicine*, 3:1-12. 2000.
11. Gray, G., Goldstein, B., Bailar, J., Davis, D., Delzell, E., Dost, F., Greenberg, R., Hatch, M., Hodgson, E., Ibrahim, M., Lamb, J., Lavy, T., Mandel, J., Monson, R., **Robson, M.**, Shore, R., and Graham, J. The federal government's agricultural health study: a critical review with suggested improvements. *Human and Ecological Risk Assessment*, 6(1): 47-71. 2000.
12. Vassilev, Z.P., **Robson, M.**, and Kaplan, M. Health-based environmental indicators: approaches, potential and limitations. *Journal of Environmental Medicine*, 1 (4): 201-206. 2000.
13. **Robson, M.** and Schneider, D. Environmental Health Issues in Rural Communities. *Journal of Environmental Health*, 63(10): 16-19. 2001.
14. **Robson, M.**, Schneider, D., Marentes, C., and Villanueva, E. Field conditions for agricultural workers in the El Paso, Texas region. *New Solutions*, 11 (2): 141-148. 2001.
15. Conte, M. Lynch, R., and **Robson, M.** An investigation of microbial contamination of compressed air used in dentistry. *Journal of Environmental Health*, 64(4): 15-20. 2001.

16. Vassilev, Z.P., **Robson, M.**, and Klotz, J.B. Outdoor exposure to polycyclic organic matter and adverse reproductive outcomes. *Journal of Industrial Medicine*, 40: 255-262. 2001.
17. Vassilev, Z.P., **Robson, M.**, and Klotz, J.B. Associations of polycyclic organic matter in outdoor air with decreased birth weight: A pilot cross-sectional analysis. *Journal of Toxicology and Environmental Health, Part a*. 64: 595-605. 2001.
18. Woolfson, C., **Robson, M.** and Beck, M., Exploring Health, Safety and Environment in Central and Eastern Europe: Introduction to ECOHSE. *New Solutions*, 11(3): 217-223. 2001.
19. **Robson, M.**, Hamilton, G., and Brachman, G., Case Study: Chronic Organophosphate Poisoning. *New Solutions*, 11(3): 251-257. 2001.
20. Watterson, A., Silberschmidt, M., and **Robson, M.** Occupational Health in Central and Eastern Europe in the 1990s: One step forward and two steps backward? *International Journal of Occupational and Environmental Health*, 7(3): 233-245. 2001.
21. Beck, M., **Robson, M.**, Watterson, A., and Woolfson, C. Exploring Health Safety and Environment in Central and Eastern Europe: An Introduction to the European Centre for Occupational Health, Safety and the Environment (ECOHSE). *New Solutions*, 11(3): 207-213. 2001.
22. Bonanno, J., **Robson, M.**, Buckley, B. and Modica, M. An investigation of ventilation effects on lead at a firing range. *Bulletin of Environmental Contamination and Toxicology*, 68:315-323. 2002.
23. Burger, J., Diaz-Barriga, F., Marafante, E., Pounds, J., and **Robson, M.** Methodologies to examine the importance of host factors to bioavailability of metals. *Ecotoxicology and Environmental Safety*, 56: 20-31. 2003.
24. **Robson, M.** Methodologies for assessing exposures to metals: Human host factors. *Ecotoxicology and Environmental Safety*, 56:104-109. 2003.
25. Haas, N., Gochfeld, M., **Robson, M.**, Wartenberg, D. Latent health effects in firefighters. *International Journal of Occupational and Environmental Health*, 9: 95-103. 2003.
26. Tabbot, P., **Robson, M.**, and Breen, K. Foodborne pathogens: The risk to the health of merchant seafarers. *Medicina Maritima*, 3(1): 47-71. 2003.
27. Jirachaiyabhas, V., Visuthisumajarn, P., Hore, P., and **Robson, M.** Organophosphate pesticide exposure of traditional and integrated pest management farmers: A case study in Thailand. *International Journal of Occupational and Environmental Health*, 10: 300-306. 2004.
28. Jirachaiyabhas, V., Visuthisumajarn, P., and **Robson, M.** Exposure assessment of traditional and IPM farmers on using pesticides: A case study at Bang Rieng Sub District, Khuan Nieng District, Songklanakarin Province. *Songklanakarin Journal of Science and Technology*, 26(1): 161-170. 2004.
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56. Lumia, M., Gentile, P., Efthimion, Gochfeld, M., and **Robson, M.** Evaluation of an innovative use of removable thin film coating technology for the abatement of hazardous contaminants. *Journal of Environmental and Occupational Health*, Accepted. 2008.
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4. **Robson, M.** How pesticide regulatory decisions are made. Presented at the American Public Health Association Annual Meeting, Boston, MA, November 14, 1988.
5. Hopfinger, J. and **Robson, M.** The effect of foliar calcium application on organoleptic evaluation. Southeast Professional Fruitworkers Conference, Athens, GA, October 19, 1988.
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24. Lashley, S., Calafat, A., Barr, D., Ledoux, T., Hore, P., Lake, M., **Robson, M.**, and Smulian, J. Endocrine disruptors in the maternal and fetal compartments. Abstract 488. Society for Maternal-Fetal Medicine. February 11, 2005.
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33. Siriwong, W., Thirakhupt, K., Sitticharoenchai, D., Rohitrattana J., Thongkongowm P., and Borjan M., and **Robson, M.** Organochlorine Pesticide Residues in the Aquatic Food Web of the Lower Chao Phraya River Basin, Central Thailand. International Workshop on Urban Wetland Ecology and Restoration. Xiamen, China, December 12-19, 2008.

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1. **Robson, M.** Review of strawberry varieties and disease resistance. *Horticultural News*, New Brunswick, New Jersey, Vol. 60(2): 4-5, 1978.
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3. **Robson, M.** Pesticide disposal days. *EQ Review*, Vol. 1, No. 1, 1986.
4. **Robson, M.** Electronic database to determine actual pesticide use in New Jersey. *EQ Review*, Vol. 1, No. 3, 1986.
5. **Robson, M.** Pest wars, or a look at the relative acute toxicity of commonly used pesticides. *EQ Review*, Vol. 2, No. 4, 1988.
6. **Robson, M.** Health Issues and the Media: The Complexity of Reporting. *World Ecology Report*. Vol. XII, No. 3, 2000.v.
7. **Robson, M.** and Whitaker, C. New Roles for Science in Developing Environmental indicators: A New Jersey Example. *Risk Policy Report*. Vol. 8, No. 5, 2001.
8. **Robson, M.** How to Enjoy Your Fulbright Experience and Thai Culture. In: Knitting the Fulbright Family. Pages 17 to 22. Thailand - US Educational Foundation. Fulbright – Thailand. 2006.

### Project Reports

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2. Ferrarin, R., **Robson, M.** and Gerding, F. Research report: New Jersey pesticide disposal project, 1986.
3. **Robson, M.**, Hamilton, G., Samulis, R. and Prostko, E. An assessment of regulatory, market and financial obstacles to integrated pest management in New Jersey - Pilot Project. N.J. Department of Environmental Protection - Office of Pollution Prevention, 1994.

### Extension Publications

1. Fabian, M. and **Robson, M.** Guidelines for marketing pick your own produce in New Jersey. Extension Bulletin 428, 1980.
2. Christ, E. and **Robson, M.** Blueberries. Leaflet 320A, 1980.
3. Christ, E. and **Robson, M.** Grape growing in New Jersey. Extension Bulletin 330C, 1980.
4. Christ, E. and **Robson, M.** Bush fruits for home garden. Extension Bulletin 298F, 1980.
5. Christ, E. and **Robson, M.** Strawberries for home garden. Leaflet 252D, 1980.
6. Christ, E. and **Robson, M.** Fruit adapted for home garden growing in New Jersey. Leaflet 539B, 1980.

7. Christ, E. and **Robson, M.** Commercial strawberry production in New Jersey. Extension Bulletin 417A, 1980.
8. **Robson, M.** and Christ, E. Raspberry and blackberry culture in New Jersey. Extension Bulletin 429, 1980.
9. **Robson, M.**, Christ, E. and Fiallo, M. Frutas adaptadas para el crecimiento de un huerto casero en New Jersey. Folleto 581, 1980.
10. **Robson, M.** Small fruit pest control recommendations for home gardens in New Jersey. Leaflet 608A, 1981.
11. **Robson, M.** and Miller, L. Commercial small fruit production manual, 1981.
12. Pollack, B. and **Robson, M.** Coordinators. Commercial vegetable production recommendations. Extension Bulletin 406H, 1981.
13. Pollack, B. and **Robson, M.** Coordinators. Commercial vegetable production recommendations. Extension Bulletin 406I, 1982.
14. Janes, H., Giacomelli, G. and **Robson, M.** Nutrient film technique, a hydroponics method for growing plants. Extension Leaflet 612, 1982.
15. **Robson, M.** and Johnson, W. Coordinators. Commercial vegetable production recommendations. Extension Bulletin 406J, 1983.
16. **Robson, M.** Partial list of small fruit nurseries. Leaflet 616, 1983.
17. **Robson, M.** pH effects on pesticide stability and efficacy. Leaflet 617, 1983.
18. Clarke, B., **Robson, M.** and Vasvary, L. Insect and disease recommendations for shade tree and woody ornamentals. Extension Bulletin E-040, 1984.
19. Race, S. and **Robson, M.** Poultry insect control recommendations for New Jersey. Extension Bulletin E-039, 1984.
20. Clarke, B., Meade, J., **Robson, M.** and Vasvary, L. Pest control recommendations for flower growers. Extension Bulletin E-038, 1984.
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23. **Robson, M.** and Johnson, W. Coordinators. Commercial vegetable production recommendations. Extension Bulletin E-001, 1984.
24. **Robson, M.** and Smith, R. Pesticide dealer's manual. Leaflet 619, 1985.
25. **Robson, M.** and Johnson, W. Coordinators. Commercial vegetable production recommendations. Extension Bulletin E-001A, 1985.

### **Selected Invited Presentations (Recent)**

*Global Warming and Health Impact Assessment*  
Eight Annual Conferences of Public Health Sciences  
New Paradigm in Public Health Sciences  
Chulalongkorn University  
October 3, 2008

*Public Health Consequences of Climate Change*  
Prof Dr. Arun Sorathad Memorial Lecture  
*วิทยากรที่จะมาให้ความรู้และร่วมในการบรรยายครั้งนี้ ได้แก่*  
Chulalongkorn University  
January 17, 2008

*Global Environmental Health Issues with Emphasis on Asia*  
Environmental Health Forum (Sixth Meeting)  
ENVIRONMENTAL HEALTH RESEARCH AND IMPACT ASSESSMENT: UNITING EAST AND WEST  
Chulalongkorn University - College of Public Health  
October 11, 2007

*Challenges and Opportunities in Global Pesticide Research*  
Beijing Forum 2005  
Peking University  
Beijing, China  
November 16, 2005

*Challenges and Opportunities in International Environmental Health*  
Public Health Colloquium  
University of Florida, College of Public Health and Health Professions  
Gainesville, Florida  
May 20, 2005

### **Professional Certificates**

New Jersey Teacher of Science K-12  
New Jersey Teacher of Agriculture

### **Community Affiliations**

Treasurer, Wrightstown Volunteer Fire Company, 1998 - 2002  
Member Holy Cross School Board, 1997 - 2000  
Eucharistic Minister, Holy Cross Catholic Church, 1990 -  
Parish Trustee, Holy Cross Catholic Church, 1988 - 1991  
Lector, Holy Cross Catholic Church, 1987 -  
Chief, Wrightstown Volunteer Fire Company, 1987 - 1989.  
Member, Advisory Board, Helyar House, Rutgers University, 1986 -  
Member, North Hanover Township Shade Tree Commission, 1985 - 1991  
Member, North Hanover Emergency Management Committee, 1984-1991  
Assistant Chief, Wrightstown Volunteer Fire Company, 1979 - 1981; 1985 - 1986  
Alumni Association, Helyar House, Rutgers University, 1977 -  
Member, Wrightstown Volunteer Fire Company, 1973 -  
North Hanover Township Land Use Committee (chair), 2008 -

## **Personal**

Citizenship: USA  
Born: April 24, 1955, Trenton, New Jersey  
Married: June 30, 1979 to Patricia Ann Mykalosky  
Children: November 19, 1989, Christina Anastasia

## **Graduate Students Mentored**

### **Master of Science - Environmental Science**

Pamela Jankowski, 2004  
George Molnar, 2005

### **Chulalongkorn University Masters Students**

Viris Jirachaiyabhas, 2004

### **Masters in Public Health**

Mehul Patel, 2007  
Peter Skeels, 2007  
Marija Borjan, 2006  
Marie Bouchard, 2006  
Karen Butzgy, 2006  
Robert Beswick, M.D., 2006  
Lydia Louis, 2006  
Jennifer Mancini, 2006  
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LaToya Stevenson, 2006  
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Rosemary Kidder, 2004  
Milind Shah, 2004  
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Kelechukwu Olejeme, 2004  
Kimberly Brown, 2004  
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Michele Shiel, 2004  
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Eliana Gafanhao, 2004  
Ranganathan Madhavan, 2004  
Jennifer Mikulis, 2004  
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James Kwiatkowski, 2003  
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Laurie Cooper, 2002  
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Diane Applebaum, Major Professor  
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Margaret Lumia, Major Professor  
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Lidan Du, PhD; Assessment of Rutgers Programs in Health and Nutrition in Urban Settings, 2007-2008