

**BERNALYN D. McGAUGHEY**  
**President and CEO**  
**Compliance Services International**

**SUMMARY OF EXPERIENCE**

**PROFESSIONAL EXPERIENCE**

Over thirty years of data evaluation, research, monitoring, and project management in the properties, use, toxicology, and environmental fate of pesticides and other chemicals. Activities have included original and regulatory research, report design and composition, and international technical assistance on toxicology investigations and risk assessments. Especially experienced in regulatory affairs and data compensation. Extensive expert witness experience.

19 years Agrochemical Research, Use and Management

- Guideline registration studies, primarily in toxicology
- Environmental fate and transport of pesticides and fertilizers
- Metabolism and fate of pesticides in crops, soils and large animals
- Pesticide worker exposure assessment
- Product chemistry of pesticides, spray adjuvants and fertilizers
- Risk assessments - human health and ecological
- Pest Management and crop injury

11 years Agrochemical Regulatory Affairs and Litigation Support

- Data evaluation and development of bridging information from related compounds
- Worker and user safety and MSDS preparation
- EPA/state registrations of agricultural/homeowner pesticides, spray adjuvants and fertilizers
- Environmental compliance for agrochemical manufacturing, storage, transportation (D.O.T.)
- Due diligence for product or corporate acquisitions
- Expert witness in toxic tort, contamination, crop damage and data compensation

**CREDENTIALS**

B.S.	1971	California State University, Entomology (Summa Cum Laude)
Certification		1978-1995 Pesticide Consultant (all categories of use): Illinois, Oregon, Idaho, Washington
Certification	1985-Present	Generally Recognized Expert in Toxicology

## **PROFESSIONAL AFFILIATIONS/APPOINTMENTS**

### ***Appointments***

- Member, Pest Emergency Evaluation Criteria Committee, State of Washington (1983 - 1984)
- Founding Board Member (Governor's Appointee), Washington Agricultural Council (1984)
  - Executive Director, Washington Agricultural Council (1984 - 1985)
- Society of Toxicology GRE (Generally Recognized Expert, 1985 - present)
- Vice President, Washington Environmental Industry Association (1992 - 1994)
- Governor's Appointee to Washington State Task Force on Economic Development and the Environment (1992 - 1993)
- Member, Who's Who in Outstanding Americans (1995 - present)
- Board Member, Tri-County Executive Committee on Salmon (County Executive Appointment) (1998 - 2002)
- Committee member, EPA Pesticide Program Dialog Committee (PPDC) (2007 – present)
  - Registration Review Work Group (2007 – present)
- Committee member, EPA PRIA Process Improvement Committee (2009 – present)
  - Ecorisk and endangered species committee (under development 2009)

### ***Scientific Societies***

- Member, Council on Agricultural Science and Technology (1978 - present)
  - Board of Directors (1997 - present)
- Board Member, Washington Pest Management Council (1979 - 1984)
  - Executive Director, Washington Pest Management Council (1983 - 1985)
- Member, Aquatic Plant Management Society (1981 - present)
- Member, Western Aquatic Plant Management Society (1981 - present)
  - Director, Western Aquatic Plant Management Society (1982)
- Regulatory Affairs Committee Member, Western Agricultural Chemicals Association (1986 - 1991)
- Member, Society of Toxicology (1983 - present)
- Advisor, Agricultural Management Task Force, American Bar Association, Section of Natural Resources, Energy and Environmental Law (1996 - present)

### ***Civic Activities***

- Member, Environmental Committee, Tacoma Chamber of Commerce (1988 - present)
- Board Member, Tacoma/Pierce County Economic Development Board (1994 - 2000)
  - Executive Board Member (1997 - 2000)
- Board Member, Economic Development Corporation of Pierce County (2001 – 2008)
  - Vice President (2004 – 2008)
- Advisor, Entrepreneurial Education Program, Pacific Lutheran University (1994 - 1998)
- Board Member, Point Defiance Zoo Association (2003 – 2007)
- Board member, Living Care Retirement Center (nonprofit corporation) (2007 – present)
  - Chair, Development Planning Committee (2008 – present)

## **PROJECT EXPERIENCE**

- Study Design and Conduct

Considerable career experience in the strategic development, design, conduct, management and evaluation of studies executed for the purpose of pesticide registration, evaluation and defense. Experience includes the conduct of studies strictly adhering to FIFRA study guidelines and GLP requirements as well as the design of unique investigations to evaluate special effects of compounds or defend the use of products under public or regulatory scrutiny. Tests managed include those on moderately toxic and highly toxic compounds. Study director on over 100 studies as well as study monitor on several hundreds of studies since 1981. Designed and managed field worker and consumer exposure studies. Designed and managed field dissipation and residue studies. Assessed and designed studies to evaluate aquatic and avian impacts in ponds related to chemical contamination or use. Participant in peer review of emerging test design standards, good laboratory practices and proposed regulations for study execution. Designed and installed quality assurance program at analytical, toxicology and field study facilities. Designed and monitored studies for OECD, JMAFF and other international requirements. Developed and designed approaches to the evaluation of endangered species.

- Data Evaluation and Review

Conducted extensive and numerous compound reviews requiring the assembly of existing data, resolution of conflicting data and development of new data. Reviews have included monographs on compound toxicology, fate and environmental behavior; these documents were subsequently used successfully in mergers and acquisitions, data compensation, international product registration, product defense or for public distribution. In addition to providing reviews for technical applications and assessment, review efforts have included those provided to the public for EIS purposes, public hearings, media events, public education and public relations. Reviewed site status and potential compound effects and developed regulatory strategy for Sandoz regarding contamination by fire at Schweizerhalle, Switzerland. Designed and managed contamination site risk assessments which included comprehensive evaluation of risk and exposure issues. Conducted human health and ecological risk assessments of organic and inorganic contaminants in soils, sediments and water. Designed and conducted risk assessments for endangered species.

- Strategic Planning, Project Management and Market Development

Provided planning scenarios for new product registration, evaluation of specialty markets and market expansion, with an emphasis on regulatory compliance and regulatory risk issues. Evaluated the potential “worth” of registrations in progress as well as registrations and data held with respect to due diligence investigations for acquisitions and mergers. Negotiated and managed, on behalf of individual companies or on behalf of task forces, the unified development of data or regulatory strategies. Extensive experience in regulatory support to both original and follow-on registrants. Evaluated market data and use data to determine the trends of use for several insecticide and herbicide products. Conducted market analysis for new agrochemical products. Provided task force representation and management.

- Expert Witness and Litigation Support

Provided expert testimony (court and arbitration testimony, and taped and written depositions) on toxicity and/or environmental effects of chemicals (multiple cases). Provided testimony at SAP and public hearings on specific and controversial pesticide issues (multiple appearances). Provided case strategies and information collection and presentation methods for crop damage claims (multiple cases). Provided technical support for arbitration proceedings regarding data compensation and cost (multiple cases).

## **PROFESSIONAL EMPLOYMENT**

### **President and CEO (1988 - present) Compliance Services International Tacoma, Washington**

Establishes and promotes goals of quality and clarity to set the tone and overall approach of the corporation. Directs business activities of CSI offices in Tacoma, Washington, Arlington, Virginia and Edinburgh, Scotland. Designs and develops innovative regulatory strategies and information technology applications to solve regulatory problems. Contributes actively in technical research as well as in management.

- Established Compliance Services International (CSI) on the premise that there is a need for experienced professionals operating as a team to obtain full product registrations, conduct risk assessments and provide scientific and regulatory support.
- Since its incorporation in May of 1988, CSI has garnered an international customer base that depends upon CSI's services and technical abilities.
- In 1993, 1994 and 1995, CSI was named by Inc. Magazine as one of America's 500 fastest growing companies.
- Launched CSI-EU in May 2000, to provide regulatory and technical support to chemical, animal health and agribusiness in Europe.

### **Supervising Scientist (1987 - 1988) Envirosphere Company, Seattle Office Bellevue, Washington**

Designed, managed and executed environmental and toxicological studies for various private companies and public agencies. Supervised a department of seven professionals.

- Project Manager for investigations of PCB's, hazardous waste sites, and chemical use sites, including portions of investigations conducted at the Denver Arsenal, Hanford Nuclear site and Schweizerhalle spill site.
- Conducted numerous risk assessments, field dissipation studies (12), PCB regulatory compliance assessment, spill site investigation, wildlife toxicology and human risk assessment.
- Supervised staff who developed pesticide impact analyses using various environmental fate models.

### **Director of Toxicology and Assurance (1978 - 1987) Pennwalt Corporation Puyallup, Washington**

World-wide responsibility for contract lab evaluation, monitoring, study placement and agrichemical quality assurance.

- Conducted screening studies on plants for efficacy and phytotoxicity.
- Managed toxicity studies needed under FIFRA, OECD (Organization for Economic Cooperation and Development) and JMAFF (Japanese Ministry of Agriculture, Fisheries, and Forestry).
- Designed and directed metabolism studies (4) to assess the magnitude and nature of residues in plants and animals.
- Designed field residue and dissipation studies (12), in vivo and vitro genetic effects testing studies (numerous), and wildlife toxicity studies (numerous).
- Designed, monitored and evaluated subchronic and chronic toxicity studies conducted on over a dozen fungicides, herbicides, and growth regulators. Monitored, over 80 studies of the acute toxicity of organophosphates, EBDC compounds and other herbicides, fungicides, insecticides and growth regulators.

#### **Technical Representative (1971 - 1978)**

##### **Shell Chemical Company**

##### **Houston, Texas**

Progressed from Information Technologist to Supervisor, Information Technology in 3 years. Transferred to technical field sales in Midwestern area. Provided technical and data development support to various other divisions and operational units. Conducted training in technical and one-on-one communication. Supervised field tests and responded to technical inquiries regarding product use and hazard.

- Designed and maintained a computerized system for toxicology data storage and retrieval.
- Managed the toxicology and wildlife biology database for agricultural, consumer and animal health products.
- Prepared comprehensive data reviews and evaluations of the toxicity, environmental fate and general properties of atrazine, aldrin, DDVP, dieldrin, endrin and other compounds.
- Evaluated the environmental impact and efficacy of new products.

### **PUBLICATIONS**

**B.D. McGaughey.** 2000-2006. Annual supplements to Chapter 2 of The Scientific Expert's Approaches to Litigation Testimony. *Scientific Evidence and Experts Handbook, 1999.*

**McGaughey, B.D.** 2004. Endangered Species Assessment for Pesticides: Proposed New Regulations in the United States. Inveresk Regulatory Affairs Bulletin, No. 95.

**McGaughey, B.D.** 2003. Agrochemical Registrant Data Sharing in the United States and European Union. AGROLOOK, Oct-Dec. 2003.

Walker, J. D., L.L. Bergeson, and **B.D. McGaughey.** (In press). International Chemical Testing Regulatory Requirements Handbook. CRC Press.

**McGaughey, B.D.,** K. Nill and T. Redick. 2000. Agricultural Biotechnology: Food Security and Regulatory Oversight in the USA. Inveresk Research Regulatory Affairs Bulletin, Number 79.

**McGaughey, B.D.** and T.P. Redick. 2000. Liability and Labeling of Genetically Modified Organisms. Supplement to *NewsCAST*, Volume 27, No. 1, Winter 2000.

**McGaughey, B.D.** 1999. Feasibility of Prescription Pesticide Use in the United States. *Inveresk Research Regulatory Bulletin*, Number 74.

Walker, J.D. and **B.D. McGaughey**. 1999. The Scientific Expert's Approaches to Litigation Testimony. *Scientific Evidence and Experts Handbook*, 1999.

**McGaughey, B.D.** 1998. The Role and Responsibility of an Expert Witness. *Drake Journal of Agricultural Law*, pp.227-236.

**McGaughey, B.D.** and T.P. Redick. 1998. Mechanisms for International Protection for Agricultural Biotechnology: Resistant Insects and Superweeds. A Report on the ABA Special Committee on Agricultural Management Roundtable on Biotechnology. Supplement to *News CAST*, Autumn 1998.

Coble, H.D., A.R. Bonanno, **B.D. McGaughey**, G.A. Purvis, F.G. Zalom. 1998. Feasibility of Prescription Pesticide Use in the United States. *CAST Issue Paper*, Number 9, August 1998.

**McGaughey, B.D.** and C.M. Thompson. 1998. From World-Wide Webs to Satellite Sensing: The Potential Impacts of Information Technology on Regulatory Compliance and Testing. *Human and Ecological Risk Assessment*, Vol. 4, 1, pp. 7-10.

**McGaughey, B.D.** and T.P. Redick. 1997. Science Meets Policy: A Report on the ABA-Agricultural Management Task Force Roundtable on Biotechnology. *News CAST*, Summer 1997, Vol. 24, No. 3.

**McGaughey, B.D.** 1997. Implementing the Food Quality Protection Act: Latest Developments at the US EPA. *Inveresk Research International Regulatory Affairs Bulletin #66*.

**McGaughey, B.D.** 1997. CAST Helps Scientists Convey the "Incredible". *CAST Digest*, June 1997, Vol. 3, No. 2.

**McGaughey, B.D.** 1997. Science Meets Policy: Report on the First CAST/ABA-Agricultural Management Task Force Cosponsored Roundtable. Supplement to *News CAST*, Spring 1997.

**McGaughey, B.D.** 1996. Carcinogenic Risk: New EPA Guidelines and the Food Quality Protection Act. *Inveresk Research International Regulatory Affairs Bulletin #64*.

**McGaughey, B.D.** 1996. Data Sharing for Pesticide Re-registration in the USA and Europe. *Inveresk Research International Regulatory Affairs Bulletin # 62*.

**McGaughey, B.D.** 1996. Combining Tradition and Technology: Moving to Consensus. *Looking Ahead* Vol. 27, No. 5.

Pearson, R.S., **B.D. McGaughey**, C.G. Crabtree and S.A. Kay. 1996. The USEPA "New Paradigm" Grows Up: Combining Tradition and Technology for Environmental Assessment. *British Crop Protection Conference Proceedings*.

**McGaughey, B.D.** 1995. International Testing Requirements for Industrial and Agricultural Chemicals: The Good, The Bad and The Ugly. *Inveresk Research International Regulatory Affairs Bulletin #61*.

**McGaughey, B.D.** 1984. Review of the Effects of Endothall Products on Aquatic Ecosystems. Information brochure published by Pennwalt.

## PRESENTATIONS

**McGaughey, B.D.** 2009. Managing Risks to Endangered Species: State Protection Programs. Presented at CropLife America & Rise 2009 Spring Conference, Arlington, VA, April 29, 2009.

Giddings, J., W. Scott, B. **McGaughey**. 2008. REACH Chemical Safety Assessments: Comparison of the EU & USEPA Ecological Risk Assessment Process. Presented at SETAC 2008 Annual Meeting, Tampa, FL, November 17, 2008.

Giddings, J.; A. Rives-Frank; **B. McGaughey**, J. Cummings; G. Mitchess, S. Nissen-Meyer, T. Hall. 2008. Addressing Indirect Effects in a National Endangered Species Assessment for Registration Review of the Herbicide Clomazone. Presented at SETAC 2008 Annual Meeting, Tampa, FL, November 17, 2008.

**McGaughey, B.D.** 2008. Implementing State and Local Endangered Species Protection in Response to Federal Programs. Session Chair. Presented at SETAC 2008 Annual Meeting, Tampa, FL, November 17, 2008.

Hall, T., S. Wall, **B.D. McGaughey**. 2008. The Importance of Process: A Depiction of the Decision Points, Data Needs and Stakeholders in the Evolution of a State Mitigation for Pesticide Use. Presented at SETAC 2008 Annual Meeting, Tampa, FL, November 17, 2008.

Wall, S., T. Hall, **B.D. McGaughey**. 2008. Species and Land Cover Data Sources and Their Usefulness in Endangered Species Assessments. Presented at SETAC 2008 Annual Meeting, Tampa, FL, November 17, 2008.

**McGaughey, B.D.** 2008. Emerging Regulatory Initiatives Affecting Formulations and Adjuvants. Presented at 5<sup>th</sup> International Weed Science Congress, Vancouver, B.C., June 26, 2008

**McGaughey, B.D.** 2007. Adjudicating Adjuvants: Preparing for Regulatory Climate Change. Presented at ISSA 2007, 8<sup>th</sup> International Symposium on Adjuvants for Agrochemicals, Columbus, OH, August 9, 2007.

**McGaughey, B.D.** 2007. Perspectives of the Chemical Industry on the EPA Pesticide-Endangered Species Program. Presented at NCASI Southern Regional Meeting, Nashville, TN, June 13, 2007

**McGaughey, B.D.**, D. Howes, A. Rives Frank, K. Carr, A. Hall, S. Wall. 2007. Tiered Approach to the Use of Best Available Data on Species Locations in Pesticide Assessments on Endangered Species. Presented at 233<sup>rd</sup> ACS National Meeting, Chicago, IL, March 27, 2007.

Giddings, J.M., D. Howes, **B. McGaughey**, A. Rives Frank. 2007. Framework for Detailed Endangered Species Determination Development in Support of Pesticide Product Registration. Presented at 233<sup>rd</sup> ACS National Meeting, Chicago, IL, March 27, 2007

**McGaughey, B.D.**, A. Hall, J. Shaw. 2006. Endangered Species and Pesticide Use: Documenting Risk Management Decisions and Their Supporting Scientific Assessments. Presented at SETAC 2006 Annual Meeting, Montreal, Quebec, November 7, 2006.

**McGaughey, B.D.**, A. Williams. 2005. CPDA Registration 201 Issues: EPA-ESPP. Presented at CPDA Product Chemistry and Toxicology Testing Requirements for Pesticides: The Spectrum, Arlington, VA, November 15-17, 2005.

**McGaughey, B.D.**, J. Shaw, A. Hall. 2005. Endangered Species Risk Assessment and Pesticide Regulation: The Species Assessment Process. Presented at SETAC 2005 Annual Meeting, Baltimore, MD, November 14, 2005.

**McGaughey, B.D.** 2004. Policy Developments Related to Endangered Species and the Regulation of Silvicultural Chemicals. Presented at NCASI Southern Regional Meeting, New Orleans, LA, July 14, 2004.

**McGaughey, B.D.** 2003. Herbicides in Aquatic Weed Control: Their Development, Testing & Regulation. Presented at Adirondack Water Quality Conference, Paul Smiths, NY, August 12, 2003.

**McGaughey, B.D.** 2003. Herbicides in Aquatic Weed Control: Their Development, Testing & Regulation. Presented at CPDA Annual Meeting, Seattle, WA, July 28, 2003.

**McGaughey, B.D.** and R.J. McCormick. 2001. Using Expert Systems, GIS and Remotely Sensed Data to Conserve Agricultural Biodiversity. Presented at the 4<sup>th</sup> Biotechnology Roundtable, Washington, D.C. May 10, 2001.

Hall, T., McKee, M., **B.D. McGaughey**, and Kadlec, M. 2000. Identification, Selection and Use of "Best Available Data": Building a Regulatory Data Inventory for an Expert System to Assess Threatened and Endangered Species Protection Requirements for Pesticides. Poster presentation at Society of Environmental Toxicology and Chemistry 21<sup>st</sup> Annual Meeting, Nashville, TN. November 13, 2000.

**McGaughey, B.D.** 2000. Citation of Data. Presented at CSMA Pesticide Registration Workshop, Arlington, VA, May 10, 2000.

**McGaughey, B.D.** 2000. Regulatory Issues in Data Compensation Cases. Presented at CPDA/ISSA/PMRW Data Compensation Workshop, Washington, D.C., February 16, 2000.

**McGaughey, B.D.** 2000. Potential Ecological Toxicity of Aquatic Herbicides. Presented at the Northeast Aquatic Plant Management Society, 1<sup>st</sup> Annual Meeting, Suffern, New York, January 19, 2000.

**McGaughey, B.D.** 1999. Satellite and Information Technologies: Data and Intellectual Products and Their Role in Marketing and Regulation. Presented at the 1999 NAMA Issues Forum, Washington, D.C.

**McGaughey, B.D.** 1999. Genetically Modified Crops Issues and Arguments. Presented at the ABA Pesticide Law Committee Meeting, Beaver Creek, CO.

**McGaughey, B.D.** and T.P. Redick, Co-chairs. 1999. Liability and Labeling of Genetically Modified Organisms. A roundtable discussion at American Bar Association, Section of Natural Resources, Energy, and Environmental Law, St. Louis, MO

**McGaughey, B.D.** 1999. Potential Ecological Toxicity of Aquatic Herbicides. Presented at the 1999 WALPA Conference, Spokane, WA.

Shaw, J., Thornton, J., and **B.D. McGaughey**. 1998. Mechanisms to Access and Apply Scientific and Commercial Data to Address the Legal Requirements of FIFRA and the Endangered Species Act. Poster presentation at SETAC, Charlotte, NC, November 16, 1998.

**McGaughey, B.D.** and T.P. Redick, Co-chairs. 1998. Mechanisms for International Protection for Agricultural Biotechnology: Resistant Insects and Superweeds. A roundtable discussion at American Bar Association, Section of Natural Resources, Energy, and Environmental Law, Washington, D.C.

**McGaughey, B.D.** 1998. International Regulatory Strategy: Understanding the Underlying Philosophies. Presented at the Pacific Regional Chapter SQA Meeting, Bothell, WA.

**McGaughey, B.D.** 1997. The Role and Responsibility of an Expert Witness. Presented at the American Agricultural Law Association Annual Meeting, Minneapolis, MN.

Pearson, R.S., S.A. Kay, and **B.D. McGaughey**. 1997. Geographic Information Systems and Remote Sensing: A More Defensible Approach for Site Selection Used in Ecological Risk Assessment. Presented at the ASTM Seventh Symposium on Environmental Toxicology and Risk Assessment, St. Louis, MO, April 7-9, 1997.

**McGaughey, B.D.** and T.P. Redick, Co-chairs. 1997. Biotechnology and Sustainable Development: The Role of International Regulation. A roundtable discussion at American Bar Association, Section of Natural Resources, Energy, and Environmental Law, San Diego, CA.

**McGaughey, B.D.**, L.L. Bergeson and J.D. Walker. 1996. International Environmental Toxicological and Fate Testing Regulations for New Existing and Agricultural Chemicals. SETAC Short Course. Washington, D.C.

**McGaughey, B.D.**, L.L. Bergeson and J.D. Walker. 1995. International Environmental Toxicological and Fate Testing Regulations for New Existing and Agricultural Chemicals. SETAC Short Course. Vancouver, B.C.

**McGaughey, B.D.** 1994. Venture Capital, Partnerships and The Entrepreneur. MBA Seminar, Pacific Lutheran University, Tacoma, WA.

**McGaughey, B.D.** 1994. Minor Use Product Registration Procedures. Presented at the Florida Citrus Commission Annual Meeting, Lakeland, Florida.

**McGaughey, B.D.** 1993. Remote Sensing and Crop Condition Monitoring. Seminar for Wilbur-Ellis Company, Spokane, WA.

- McGaughey, B.D.** and C.G. Crabtree. 1993. GIS and Remote Sensing as Tools for Conducting Ecological Risk Assessments. Platform presentation at SETAC, Houston, TX.
- McGaughey, B.D.**, C.G. Crabtree and E.B. Henriksen. 1993. GIS and Remote Sensing as Tools for Conducting Ecological Risk Assessments. Lake and Reservoir Management. Presented at the 13th International Symposium of the North American Lake Management Society.
- McGaughey, B.D.** 1992. The Regulated and the Regulator: Moving from Confrontation to Negotiation. Symposium at the Washington Environmental Industries Association Annual Meeting, Seattle, WA.
- McGaughey, B.D.** 1992. Use and Interpretation of Toxicological Data in Conducting Risk Assessments: Risk Evaluation and Communication. Symposium at the American College of Toxicology Annual Meeting, San Francisco, CA.
- McGaughey, B.D.** 1992. Preliminary Report on the Washington State Department of Transportation EIS. Presented at the NRVMA Annual Meeting, San Antonio, TX.
- McGaughey, B.D.** 1992. Chemical and Biological Sensor Applications in Agriculture. Presented at NIST/CPAC chemical and Biological Sensors Workshop, Bellevue, WA.
- McGaughey, B.D.** 1992. How to Prevent Your Plant From Becoming a Superfund Site. Presented at annual meeting of Chemical Producers and Distributors Association, Washington, D.C.
- McGaughey, B.D.** 1991. Technical and Regulatory Testimony in Data Arbitration Hearings, Washington, D.C.
- McGaughey, B.D.** 1991. Public Hearing Testimony on Aquatic Herbicides, Olympia, WA.
- McGaughey, B.D.** 1990. Parameters Which Affect the Evaluation of Chemical Contaminants in Groundwater. State of Washington Pesticide Applicators Recertification Course, Tacoma, WA.
- McGaughey, B.D.** 1989. Field Aspects of Good Laboratory Practice. Training course for private clients.
- McGaughey, B.D.** 1989. PERC - Pierce County Environmental Resource Center: A Mechanism for Facilitated Discussions. Leadership Tacoma first place project, Tacoma, WA.
- McGaughey, B.D.** 1988. New Technologies and Regulation. Presented at the Pacific Northwest Annual Meeting, WLCA, Coeur d'Alene, ID.
- McGaughey, B.D.** 1988. Emeryville or Times Beach? Presented to the Sunrise Rotary, Tacoma, WA.
- McGaughey, B.D.** 1988. Standard Operating Procedures for Handling Organophosphates in the Field and Laboratory. Presented at the Society of Environmental Toxicology and Chemistry 1988 Annual Meeting, Alexandria, VA.
- McGaughey, B.D.** 1988. Farm Worker Safety: Protecting the Agricultural Worker. Presented at Olympia Legislative Days, Olympia, WA.

**McGaughey, B.D.** 1987. Is Everything Toxic? Presented at the Midwest Aquatic Plant Management Society Annual Meeting, Grand Rapids, MI.

**McGaughey, B.D.** 1987. Pesticides, the Environment, and Regulations. Presented to the Senate Agricultural Committee, Olympia, WA.

**McGaughey, B.D.** 1987. Environmental Toxicology: Endothall Use and Toxicity. Presented at Florida Aquatic Workshops, Ft. Lauderdale and Orlando, FL.

**McGaughey, B.D.** 1986. Good Laboratory Practice. Training course for Pennwalt's Bryan, Texas Laboratory.

**McGaughey, B.D.** 1986. Good Laboratory Practice. Training course for Pennwalt's Tacoma, Washington Laboratory.

**McGaughey, B.D.** 1986. Good Laboratory Practice. Training course for Pennwalt's Field Development and Farm Managers.

**McGaughey, B.D.** 1985. Sole interviewee on Farm Forum (KSTW, Ch. 11, Tacoma), a talk show on pesticide issues. Tacoma, WA.

**McGaughey, B.D.** 1985. Herbicide Use on Federal Lands. Presented to the Washington Rangeland Committee, Prosser, WA.

**McGaughey, B.D.** 1985. Safe Use of Pesticides for Homeowners. City of Everett seminar, Everett, WA.

**McGaughey, B.D.** 1985. Review of the Effects of Endothall on Mammalian and Aquatic Systems. Presented to the Aquatic Plant Management Society, Orlando, FL.

**McGaughey, B.D.** 1985. Toxicology and Pesticides, Symposia for Roadside Vegetation Management, Everett, WA.

**McGaughey, B.D.** 1985. Risk vs. Benefit. Public debate with Dr. Ruth Shearer, at the Washington Pest Management Council Annual Meeting, Tacoma, WA.

**McGaughey, B.D.** 1985. Toxicity of Aquatic Herbicides: Reality vs. Public Fear. Presented at the Weed Science Society of America Annual Meeting, Vancouver, B.C.

**McGaughey, B.D.** 1984. Toxicity of Common Herbicides. Presented at the Southwestern Washington Weed Assn. Seminar, Chehalis, WA.

**McGaughey, B.D.** 1984. Pesticide Use on National Forest Lands. Debate, University of Washington School of Law, Seattle, WA.

**McGaughey, B.D.** 1984. Community Right to Know. Presented at the International Pesticide Applicator's Assn. Annual Meeting, Tacoma, WA.

**McGaughey, B.D.** 1984. Interviewee with the Director of the Washington State Dept. of Agriculture on Farm Forum (KSTW, Ch. 11, Tacoma), agricultural issues in the state of Washington.

**McGaughey, B.D.** 1984. The Pesticide Crisis. Presented at the Washington State Weed Conference, Yakima, WA.

**McGaughey, B.D.** 1984. The Status of Pesticide Regulation. Presented at the Washington Pesticide Consultants' Assn., Yakima, WA.

**McGaughey, B.D.** 1984. Why Argue About Pesticides? Presented at the Southwestern Washington Weed Assn. Seminar, Chehalis, WA.

**McGaughey, B.D.** 1984. Toxicity of Common Herbicides. Presented at Southwestern Washington Weed Assn. Seminar, Chehalis, WA.

**McGaughey, B.D.** 1984. Pesticide Use on National Forest Lands. Debate at the University of Washington School of Law, Seattle, WA.

**McGaughey, B.D.** 1983. The New Environmentalism. Presented at Western Society of Weed Science, Portland, OR.

**McGaughey, B.D.** 1983. Effects of Water Quality on Control of Hydrilla by Aquathol K Aquatic Herbicide. Presented at Annual Meeting of the Aquatic Plant Management Society, Las Vegas, NV.