

CURRICULUM VITA: ALLAN S. FELSOT

Washington State University & University of Illinois Experience

RANK: Professor (77.78% Teaching, 12.22% Research, 10% Extension)

EDUCATION:

Ph.D.	Iowa State University Entomology	1978
M.S.	University of Florida Entomology	1974
B.S.	Tulane University Biology	1972

PROFESSIONAL EXPERIENCE:

2015-present: Interim Academic Director for Arts & Sciences, WSU Tri-Cities

2014-2015: WSU Tri-Cities Program Lead for Sciences & Math

2011-present: Affiliate Professor, WSU School of Biological Sciences

2010-present: Graduate Coordinator, Environmental Sciences Program @ WSU Tri-Cities;
Affiliate Professor, School of the Environment

1999-present: Professor and Extension Specialist, Dept. of Entomology, Washington State
University & CAHNRS Food & Environmental Quality Lab

1998-1999: Professor and Extension Specialist, Dept. of Crop & Soil Sciences, Washington
State University & CAHNRS Food & Environmental Quality Lab

1993- 1998: Associate Professor, Dept. of Crop & Soil Sciences, Washington State University
& CAHNRS Food & Environmental Quality Lab; Extension Specialist for
Environmental Chemistry & Toxicology

1978-1993: Assistant, Associate, and Full Professional Scientist, Illinois Natural History Survey
(@ University of Illinois), Center for Economic Entomology, Pesticide Chemistry
& Toxicology Lab (project leader); Assistant & Associate Professor, Office of
Agricultural Entomology, Illinois Agricultural Experiment Station, University of IL

AWARDS

- 2017 Washington State University, College of Agriculture, Human & Natural Resource Sciences, RM Wade Foundation Excellence in Teaching Award
- 2015 Faculty Recruiter of the Year Award, WSU Tri-Cities
- 2009 Washington State University College of Agriculture, Human & Natural Resource Sciences Team Interdisciplinary Award (Urban IPM and Pesticide Safety Education Team)
- 2008 Entomological Society of America Founders Memorial Award
- 2008 American Chemical Society Agrochemical Division Fellow Award
- 2001 Washington State University College of Agriculture & Home Economics Award for Excellence in Extension
- 2000 Honorary Member, Washington State Weed Association
- 1999 North Star Award, sponsored by the Western Crop Protection Association
- 1991 Fulbright Scholar (lecturing and research in Cyprus, January-June 1992)
- 1973 Graduate Council Fellowship, University of Florida

CURRENT RESEARCH ACTIVITIES: Probabilistic risk characterization of contaminants; hazard assessment of pesticide drift; hazard assessment of agricultural biotechnology and plant-manufactured pharmaceuticals; risk assessment to determine buffer zone requirements; pesticide toxicology

CURRENT EXTENSION RESPONSIBILITIES: Specialist in environmental chemistry & toxicology; pesticide safety & applicator training; hazard assessments for agencies and other governmental organizations, risk communication

CURRENT TEACHING RESPONSIBILITIES: 9 WSU catalog courses (BIOL 120; ENTOM 343; ENTOM 351; ENTOM/ENVR_SCI 460; ENTOM 550; ENTOM 555; ENVR_SCI 532; ENVR_SCI 491/593; IPM 452/552)

PUBLICATIONS (Refereed) [Career Total: 97; WSU Total: 61]

Books & Book Chapters:

- Felsot, A. S.** 2011. Pesticides & Health-Myths vs. Realities. American Council on Science and Health, New York, NY. 107 pp.
- Felsot, A. S.** 2010. Communicating safe pesticide use. Chapter 55 In Krieger, R. (ed.) Handbook of Pesticide Toxicology. Elsevier, Inc. pp. 1173-1187.
- Felsot, A. S.** 2009. Chemicals: Pesticides. In Information Resources in Toxicology, 4th Edition, Wexler, P, S. Gilbert, B. Hakkinen, A. Mohapatra (Ed.); Elsevier, Academic Press, San Francisco. pp. 145-158.
- Felsot, A. S., and K. D. Racke (Ed.).** 2007. Crop Protection Products for Organic Agriculture. Environmental, Health, and Efficacy Assessment. American Chemical Society Symposium Series 947, Am. Chem. Soc., Washington, DC. 310 pp.
- Felsot, A. S., and K. D. Racke.** 2007. Chemical pest control technology: Benefits, disadvantages, and continuing roles in crop production systems. In Crop Protection Products for Organic Agriculture. Environmental, Health, and Efficacy Assessment. Felsot, A.S., K. D. Racke (ed.); American Chemical Society Symposium Series 947, Am. Chem. Soc., Washington, DC. pp. 1-18.
- Steffey, K. L., M. Venditti, B. R. Barrido, and A. S. Felsot.** 2004. Effects of Bt corn on natural enemies of the European Corn Borer. In Agricultural Biotechnology: Challenges and Prospects, Bhalgat, M. M., W. P. Ridley, **A. S. Felsot**, J. N. Seiber (Ed.). American Chemical Society Symposia Series 866, Am. Chem. Soc., Washington, DC. pp. 139-150. ISBN# 0-8412-3815-4
- Bhalgat, M. M., W. P. Ridley, A. S. Felsot, J. N. Seiber (Ed.)** 2004. Agricultural Biotechnology: Challenges and Prospects. American Chemical Society Symposia Series 866, Am. Chem. Soc., Washington, DC. 232 pp. ISBN# 0-8412-3815-4
- Felsot, A. S., S. Foss, J. Yu.** 2003. Deposition of pesticides in riparian buffer zones following aerial applications to Christmas tree plantations. Chapter 14 (pp. 241-260) in Environmental Fate & Effects of Pesticides. J. Coats and H. Yamamoto (Ed.), American Chemical Society Symposium Series 853, Am. Chem. Soc., Washington, DC. (ISBN 0-8412-3722-0)

- Rolston, D., **A. Felsot**, K. Pennell, K. Scow, and H. Stroo. 2003. Fate of soil contaminants. Chapter 5 (pp. 163-215) in *Contaminated Soils: From Soil-Chemical Interactions to Ecosystem Management*. R. Lanno, ed. Society of Environmental Chemistry and Toxicology, Pensacola, FL. 445 pp. (ISBN #1-880611-31-7,)
- Felsot, A. S.**, R. G. Evans, and J. R. Ruppert. 2003. Field studies of imidacloprid distribution following application to soil through a drip irrigation system. Chapter 13 (pp. 189-205) in *Terrestrial Field Dissipation Studies: Purpose, Design and Interpretation*. E. L. Arthur, A. C. Barefoot, and V. E. Clay eds. ACS Symposium Series No. 842, American Chemical Society, Washington, DC. 368 pp. (ISBN# 0-8412-3769-7)
- Carpenter, J., **A. Felsot**, T. Goode, M. Hammig, D. Onstad, S. Sankula. 2002. Comparative environmental impacts of biotechnology-derived and traditional soybean, corn, and cotton crops. Council for Agricultural Science and Technology, Ames, Iowa. 189 pp. ISBN 1-887383-21-2 (<http://www.cast-science.org/biotechnology/index.html#biotechcropsbenefit>)
- Felsot, A.S.**, R.G. Evans and L.C. Tallman. 2000. Soil Distribution and Plant Uptake of Imidicloprid under Drip and Surface Irrigation. In: *Proceedings 4th Decennial National Irrigation Symposium*. Edited by R.G. Evans, B.L. Benham and T.P. Trooien. November 14-16, 2000. American Society of Agricultural Engineers, St. Joseph, MI. (Publication701P0004). pp. 416-427.
- Felsot, A. S.** 1998. User sites and the generation of pesticide waste. In Pesticide Remediation in Soils and Water, P. C. Kearney, and T. Roberts, eds. Wiley Series in Agrochemicals & Plant Protection, John Wiley & Sons, New York. pp. 1-19.
- Felsot, A. S.** 1998. Landfarming pesticide-contaminated soil. . In Pesticide Remediation in Soils and Water, P. C. Kearney, and T. Roberts, eds. Wiley Series in Agrochemicals & Plant Protection, John Wiley & Sons, New York. pp. 129-160.
- Felsot, A. S.**, and E. K. Dzantor. 1997. Potential of biostimulation to enhance dissipation of aged herbicide residues in landfarmed waste. In Phytoremediation of Soil & Water Contaminants. E. Krueger, T. Anderson, and J. Coats, eds. Am. Chem. Soc. Symp. Ser. 664, pp. 77-91.
- Felsot, A. S.**, J. K. Mitchell, and E. K. Dzantor. 1995. Remediation of herbicide-contaminated soil by combinations of landfarming and biostimulation. p. 237-257 In Bioremediation: Science and Applications. H. D. Skipper and R. F. Turco, eds. Soil Science Soc. Am. Special Publication Number 43.
- Bicki, T. J., and **A. S. Felsot**. 1994. Remediation of pesticide-contaminated soil at agrichemical facilities. p. 81-99 In Advances in Understanding Mechanisms of Movement of Pesticides Into Groundwater. R. C. Honeycutt , and D. Schabacker, eds. Lewis Publishers, Ann Arbor, MI
- Felsot, A. S.**, and D. Shelton. 1993. Enhanced biodegradation of soil pesticides: interactions between physicochemical processes & microbial ecology. p. 227-251 In Sorption and Degradation of Pesticides and Organic Chemicals in Soil. Soil Sci. Soc. Am. Spec. Publ. no. 32.
- Felsot, A. S.**, J. K. Mitchell, T. J. Bicki, and J. F Frank. 1992. Experimental design for testing landfarming of pesticide-contaminated soil excavated from agrochemical facilities. In

- Pesticide Waste Management: Technology & Regulation. J. Bourke, **A. Felsot**, T. Gilding, J. Jensen, and J. Seiber, eds. Am. Chem. Soc. Symp. Ser. 510:244-261.
- Felsot, A. S.** 1991. Enhanced biodegradation of soil insecticides in the USA--significance and management. In Pesticides in Soils and Water: Current Perspectives. A. Walker, ed. BCPC Monograph No. 47, British Crop Protection Council, Farnham, Surrey, United Kingdom. pp. 41-50.
- Felsot, A. S.**, and W. L. Pedersen. 1991. Pesticidal activity of degradation products. In Pesticide Transformation Products: Fate and Significance in the Environment, L. Somasundaram, and J. R. Coats, eds. Am. Chem. Soc. Symp. Ser. No. 459, Am. Chem. Soc., Washington, D.C. pp. 172-187.
- Felsot, A. S.**, and E. K. Dzantor. 1990. Enhancing biodegradation for detoxification of herbicide waste in soil. In Enhanced Biodegradation of Pesticides in the Environment, Racke, K. D., and J. R. Coats, eds. Am. Chem. Soc. Symp. Ser. No. 426, Am. Chem. Soc., Washington, D.C. pp. 192-213.
- Felsot, A. S.**, and J. J. Tollefson. 1990. Evaluation of some methods for coping with enhanced biodegradation of soil insecticides. In Enhanced Biodegradation of Pesticides in the Environment, Racke, K. D., and J. R. Coats, eds. Am. Chem. Soc. Symp. Ser. No. 426, Am. Chem. Soc., Washington, D.C. pp. 249-268.
- Troester, S. J., F. A. Ress, **A. S. Felsot**, and W. G. Ruesink. 1984. Modelling of the persistence of pesticides applied to the soil. Simulation Monographs Series. Centre for Agricultural Publishing and Documentation (PUDOC), Wageningen, Netherlands. 144 pp.

Articles in Journals (refereed)

- Holm, R., P. Wandschneider, **A. Felsot**, G. Msilimba. 2016. Achieving the sustainable development goals: a case study of the complexity of water quality health risks in Malawi. *Journal of Health, Population, and Nutrition* 35:20 (DOI: 10.1186/s41043-016-0057-x)
- Lawrence, T. J., Culbert, E., **Felsot, A. S.**, Hebert, V., Sheppard, W. S. 2016. Survey and Risk Assessment of *Apis mellifera* Exposure to Neonicotinoid Pesticides in Urban, Rural, and Agricultural Settings. *Journal of Economic Entomology* 109(2): 520-528.
- Huesing, J.; Andres, D; Braverman, M; Burns, A; **Felsot, A. S.**; Harrigan, G; Hellmich, R; Reynolds, A; Shelton, A M; Jansen van Rijssen, F; Morris, J; Eloff, J. 2016. Global Adoption of Genetically Modified (GM) Crops: Challenges for the Public Sector. *Journal of Agricultural & Food Chemistry* 64 (2): 394-402.
- Lutter, R., Abbott, L., Becker, R., Borgert, C., Bradley, A., Charnley, G., Dudley, S., **Felsot, A.**, Golden, N., Gray, G., Juberg, D., Mitchell, M., Rachman, N., Rhomberg, L., Solomon, K., Sundlof, S. and Willett, K. 2015. Improving Weight of Evidence Approaches to Chemical Evaluations. *Risk Analysis*. 35(2): 186-192.
- Marchant, G., L. Abbott, **A. Felsot**, R. L Griffin. 2013. Impact of the precautionary principle in feeding current and future generations. Council for Agricultural Science and Technology (CAST) Issue Paper 52, CAST, Ames, IA. 20 pp.
- Lutter, R., C. Barrow, C. J. Bergert, J. W. Conrad, Jr., D. Edwards, **A. Felsot**. 2013. Data disclosure for chemical evaluations. *Environmental Health Perspectives* 121(2): 145-148.

- Felsot, A. S.**, J. B. Unsworth, J. B. H. J. Linders, G. Roberts, D. Rautman, C. Harris, and E. Carazo. 2010. Agrochemical spray drift; assessment and mitigation—A review. *J. Environ. Sci. Health Part B* 45:889-911.
- Ramaprasad, J., M. G. Tsai, R. A. Fenske, E. M. Faustman, W. C. Griffith, **A. S. Felsot**, K. Elgethun, S. Weppner, and M. G. Yost. 2009. Children's inhalation exposure to methamidophos from sprayed potato fields in Washington State: Exploring the use of probabilistic modeling of meteorological data in exposure assessment. *J. Exposure Science Environmental & Epidemiology* 19:613-623
- Katayama, A., R. Bhula, R. G. Burns, E. Carazo, **A. Felsot**, D. Hamilton, C. Harris, Y.-H. Kim, G. Kleter, W. Koedel, J. Linders, W. J. G. M. Peijnenburg, A. Sabljic, G. R. Stephenson, K. D. Racke, B. Rubin, K. Tanaka, J. Unsworth, R. D. Wauchope. 2009. Bioavailability of xenobiotics in the soil environment. *Reviews of Environmental Contamination & Toxicology* 203:1-86
- Kleter, G. A., R. Bhula, K. Bodnaruk, E. Carazo, **A. S. Felsot**, C. A. Harris, A. Katayama, H. A. Kuiper, K. D. Racke, B. Rubin, Y. Shevah, G. R. Stephenson, K. Tanaka, J. Unsworth, R. D. Wauchope, S.-S. Wong. 2007. Altered pesticide use on transgenic crops and the associated general impact from an environmental perspective. *Pest Management Science* 63: 1107-1115.
- Tsai, M.-Y., K. Elgethun, J. Ramaprasad, M. G. Yost, **A. S. Felsot**, V. R. Hebert, R. A. Fenske. 2005. The Washington aerial spray drift study: Modeling pesticide spray drift deposition from an aerial application. *Atmospheric Environment* 39:6194-6203.
- Ramaprasad, J., M.-Y. Tsai, K. Elgethun, V. R. Hebert, **A. Felsot**, M. G. Yost, R. A. Fenske. 2004. The Washington aerial spray drift study: assessment of off-target organophosphorus insecticide atmospheric movement by plant surface volatilization. *Atmospheric Environment* 38:5703-5713.
- Hamilton, D., A. Ambrus, R. Dieterle, **A. S. Felsot**, C. Harris, B. Petersen, K. D. Racke, S.-S. Wong, R. Gonzalez, K. Tanaka, M. Earl, G. Roberts, and R. Bhula. 2004. Pesticide residues in food—acute dietary exposure. *Pest Management Science* 60:311-339.
- Felsot, A. S.**, and J. D. Rosen. 2004. Commentary on “Composition of the Total Phenolic and Ascorbic Acid Content of Freeze-Dried and Air-Dried Marionberry, Strawberry and Corn Grown Using Conventional, Organic, and Sustainable Agricultural Practices.” *Journal of Agricultural and Food Chemistry* 52(1):146-152.
- Hamilton, D. J., A. Ambrus, R. M. Dieterle, **A. S. Felsot**, C. A. Harris, P. T. Holland, A. Katayama, N. Kurihara, J. Linders, J. Unsworth, and S.-S. Wong. 2003. Regulatory limits for pesticide residues in water. *Pure and Applied Chemistry* 75:1123-1155.
- Felsot, A. S.** 2003. LD₅₀. *Encyclopedia of Agrochemicals*, vol. 2. J.R. Plimmer, D. W. Gammon, and N. N. Ragsdale (eds). John Wiley & Sons, Inc., Hoboken, NJ. pp. 1003-1004.
- Felsot, A. S.**, K. D. Racke, D. J. Hamilton. 2003. Disposal and degradation of pesticide waste. *Reviews of Environmental Contamination and Toxicology* 177:123-200.
- Felsot, A. S.** and J. R. Ruppert. 2002. Imidacloprid residues in Willapa Bay (Washington State) water and sediment following application for control of burrowing shrimp. *Journal of Agricultural and Food Chemistry* 50:4417-4423.

- Felsot, A. S.** 2002. WEB resources for pesticide toxicology, environmental chemistry, and policy: a utilitarian perspective. *Toxicology* 173:153-166.
- Felsot, A.** 2001. Chronic toxicity. *Encyclopedia of Plant Pathology*, vol. 1. O. C. Maloy and T. D. Murray, eds., John Wiley & Sons, Inc., New York.
- Felsot, A.** 2001. LD₅₀. *Encyclopedia of Plant Pathology*, vol. 1. O. C. Maloy and T. D. Murray, eds., John Wiley & Sons, Inc., New York. pp. 607-608.
- Felsot, A.** 2001. Acute toxicity. *Encyclopedia of Plant Pathology*, vol. 1. O. C. Maloy and T. D. Murray, eds., John Wiley & Sons, Inc., New York. pp. 9-10.
- Felsot, A.** 2001. Adjuvants. *Encyclopedia of Plant Pathology*, vol. 1. O. C. Maloy and T. D. Murray, eds., John Wiley & Sons, Inc., New York. pp. 12-13.
- Felsot, A.** 2001. FIFRA. *Encyclopedia of Plant Pathology*, vol. 1. O. C. Maloy and T. D. Murray, eds., John Wiley & Sons, Inc., New York. pp. 454-456.
- Felsot, A.** 2001. Formulation. *Encyclopedia of Plant Pathology*, vol. 1. O. C. Maloy and T. D. Murray, eds., John Wiley & Sons, Inc., New York. pp. 467-468.
- Felsot, A.** 2001. Pesticides. *Encyclopedia of Plant Pathology*, vol. 1. O. C. Maloy and T. D. Murray, eds., John Wiley & Sons, Inc., New York. pp. 752-754.
- Felsot, A.** 2001. Spray volume. *Encyclopedia of Plant Pathology*, vol. 2. O. C. Maloy and T. D. Murray, eds., John Wiley & Sons, Inc., New York. pp. 962.
- Felsot, A.** 2001. Spreaders stickers. *Encyclopedia of Plant Pathology*, vol. 2. O. C. Maloy and T. D. Murray, eds., John Wiley & Sons, Inc., New York. pp. 962-963.
- Felsot, A.** 2001. Teratogen. *Encyclopedia of Plant Pathology*, vol. 2. O. C. Maloy and T. D. Murray, eds., John Wiley & Sons, Inc., New York. pp. 1013-1014.
- Felsot, A. S.** 1998. Numbers, numbers everywhere—and not a drop of meaning. *J. Environmental Law and Litigation* 13:91-113.
- Felsot, A. S., W. Cone, J. Yu, and J. R. Ruppert.** 1998. Distribution of imidacloprid in soil following subsurface drip chemigation. *Bulletin of Environmental Contamination & Toxicology* 60(3):363-370.
- Bhatti, M. A., **A. S. Felsot**, R. Parker, and G. Mink. 1998. Leaf photosynthesis, stomatal resistance, and growth of wine grapes (*Vitis vinifera* L.) after exposure to simulated chlorsulfuron drift. *J. Environmental Science & Health B33*:67-81.
- Kenimer, A. L., J. K. Mitchell, **A. S. Felsot**, M. C. Hirschi. 1997. Pesticide formulation and application technique effects on surface pesticide losses. *Trans. Am. Soc. Agric. Engineers* 40:1617-1622.
- Lesikar, B. J., A. L. Kenimer, M. C. Hirschi, J. K. Mitchell, and **A. S. Felsot**. 1997. Modeling alachlor movement under spill conditions using LEACHMP. *Trans. Am. Soc. Agric. Engineers* 40(4):953-959.
- Felsot, A. S., M. A. Bhatti, and G. I. Mink.** 1996. Using sentinel plants as biomonitors of herbicide drift and deposition. *J. Environmental Science & Health, B31* (4):831-845.
- Felsot, A. S.** 1996. Options for clean-up and disposal of pesticide waste generated on a small scale. *J. Environmental Science & Health B31*(3):365-381.
- Felsot, A. S., M. A. Bhatti, G. I. Mink, and G. Reisenauer.** 1996. Biomonitoring with sentinel plants to assess exposure of nontarget crops to atmospheric deposition of herbicide residues. *Environmental Toxicology & Chemistry* 15(4): 452-459.

- Bhatti, M. A., K. Al-Khatib, **A. S. Felsot**, R. Parker, and S. Kadir. 1995. Effects of simulated chlorsulfuron drift on fruit set and quality of sweet cherries (*Prunus avianum* L.). *Environmental Toxicology & Chemistry* 14:537-544.
- Felsot, A. S.**, and E. K. Dzantor. 1995. Effect of alachlor concentration and an organic amendment on soil dehydrogenase activity and pesticide degradation rate. *Environmental Toxicology & Chemistry* 14:23-28.
- Felsot, A. S.**, and E. K. Dzantor. 1994. Effect of soil dilution and amendment with corn meal on degradation of herbicides in contaminated soil. Paper #94-TA45A.05 in Proc. Air & Waste Management Assoc., 87th ann. mtg., Cincinnati Ohio, pp. 1-11.
- Guo, L., T. J. Bicki, **A. S. Felsot**, T. D. Hinesly. 1993. Movement and sorption of alachlor in soil modified by carbon-rich wastes. *J. Environ. Qual.* 22:186-194.
- Dzantor, E. K., **A. S. Felsot**, and M. J. Beck. 1993. Bioremediating herbicide-contaminated soils. *Applied Biochemistry and Biotechnology* 39/40:621-630.
- Fleming, F., L. M. Wax, F. W. Simmons, and **A. S. Felsot**. 1992. Movement of controlled release formulations of alachlor and metribuzin in a sandy soil. *Weed Science* 40:606-613.
- Gray, M. E., **A. S. Felsot**, K. L. Steffey, E. Levine. 1992. Planting-time applications of soil insecticides and western corn rootworm emergence: implications for long-term management programs. *J. Econ. Entomol.* 85:544-553.
- Dzantor, E. K., and **A. S. Felsot**. 1991. Microbial responses to large concentrations of herbicides in soil. *Environmental Toxicology and Chemistry* 10:649-655.
- Guo, L., T. J. Bicki, **A. S. Felsot**, and T. D. Hinesly. 1991. Phytotoxicity of atrazine and alachlor in soil amended with sludge, manure and activated carbon. *J. Environ. Sci. Hlth B26*:513-528.
- Guo, L., T. J. Bicki, T. D. Hinesly, **A. S. Felsot**. 1991. Effect of carbon-rich waste materials on movement and adsorption of atrazine in a sandy coarse-textured soil. *Environ. Toxicol. & Chem.* 10:1273-1282.
- Felsot, A. S.**, J. K. Mitchell, A. L. Kenimer. 1990. Assessment of management practices for reducing pesticide runoff from sloping cropland. *J. Environ. Qual.* 19:539-545.
- Dzantor, E. K., and **A. S. Felsot**. 1990. Soil differences in the biodegradation of carbofuran and trimethacarb following pretreatment with these insecticides. *Bull. Environ. Contam. Toxicol.* 45:531-537.
- Felsot, A. S.** 1989. Enhanced biodegradation of insecticides in soil: implications for agroecosystems. *Ann. Rev. Entomol.* 34: 453-476.
- Felsot, A. S.**, and A. Lew. 1989. Factors affecting bioactivity of soil insecticides: relationships among uptake, desorption, and toxicity of carbofuran and terbufos. *J. Econ. Entomol.* 82:389-395.
- Dzantor, E. K., and **A. S. Felsot**. 1989. Effects of conditioning, cross-conditioning, and microbial growth on development of enhanced biodegradation of methyl carbamate insecticides in soil. *J. Environ. Sci. Hlth. B24*:569-597.
- Wei, L. Y., and **A. S. Felsot**. 1988. Mass spectrometric identification of methyl-isofenphos. *Bull. Environ. Contam. Toxicol.* 40:665-671.
- Felsot, A. S.** 1987. Fate and interactions of pesticides in conservation tillage systems. *Misc. Publ. Entomol. Soc. Amer.* 65:35-43.

- Felsot, A. S.**, W. N. Bruce, and K. L. Steffey. 1987. Degradation of terbufos (Counter) soil insecticide in corn fields under conservation tillage practices. *Bull. Environ. Contam. Toxicol.* 30:369-377.
- Felsot, A. S.** 1985. Early contributions of insect toxicology to the evolution of environmental toxicology. *Illinois Natural History Survey Bulletin* 33:199-218.
- Levine, E., and **A. Felsot**. 1985. Effectiveness of acephate and carbofuran seed treatments to control the black cutworm, *Agrotis ipsilon* (Lepidoptera: Noctuidae), on field corn. *J. Econ. Entomol.* 78:1415-1420.
- Felsot, A. S.**, K. L. Steffey, E. Levine, and J. G. Wilson. 1985. Carbofuran persistence in soil and adult corn rootworm (Coleoptera: Chrysomelidae) susceptibility: relationship to the control of root feeding damage by larvae. *J. Econ. Entomol.* 78:45-52.
- Felsot, A. S.** 1984. Persistence of isofenphos (Amaze) soil insecticide under laboratory and field conditions and tentative identification of a stable oxygen analog metabolite by gas chromatography. *J. Environ. Sci. Health* B19:13-27.
- Hill, R. L., B. Dalili, R. M. Cruse, and **A. S. Felsot**. 1984. Effect of seed-treatment methods and soil water content on early growth and acephate uptake by corn and cotton plants. *J. Econ. Entomol.* 77:880-884.
- Blair, L. C., F. W. Slife, **A. Felsot**, and M. J. Plewa. 1984. Rates of sulfide oxidation in cotton, carrot, and tobacco cultured plant cells measured with a model aromatic alkyl sulfide. *Pesticide Biochem. Physiol.* 21:291-230.
- Wei, L. Y., and **A. S. Felsot**. 1982. Terbufos and its metabolites: Identification by gas chromatography and mass spectrometry. *J. Assoc. Off. Anal. Chem.* 65:680-684.
- Felsot, A. S.**, J. G. Wilson, D. E. Kuhlman, and K. L. Steffey. 1982. Rapid dissipation of carbofuran as a limiting factor in corn rootworm (Coleoptera: Chrysomelidae) control in fields with histories of continuous Furadan use. *J. Econ. Entomol.* 75:1098-1103.
- Felsot, A.**, L. Wei, and J. Wilson. 1982. Environmental chemodynamic studies with terbufos (Counter) insecticide in soil under laboratory and field conditions. *J. Environ. Sci. Health* B17:649-673.
- Felsot, A.**, J. V. Maddox, and W. N. Bruce. 1981. Enhanced microbial degradation of carbofuran in soils with histories of Furadan use. *Bull. Environ. Contam. Toxicol.* 26:781-788.
- Belluck, D., and **A. Felsot**. 1981. Bioconcentration of pesticides by egg masses of the caddisfly, *Triaenodes tardus* Milne. *Bull. Environ. Contam. Toxicol.* 26:299-306.
- Cline, S., **A. Felsot**, and L. Wei. 1981. Determination of methyl 2-benzimidazolylcarbamate in black walnut fruit. *J. Agric. Food Chem.* 29:1087-1088.
- Felsot, A.**, and J. Wilson. 1980. Adsorption of carbofuran and movement on soil thin layers. *Bull. Environ. Contam. Toxicol.* 24:778-782.
- Felsot, A.**, and P. A. Dahm. 1979. Sorption of organophosphorus and carbamate insecticides by soil. *J. Agric. Food Chem.* 27:557-563.
- Barber, J. T., C. R. Page III, and **A. S. Felsot**. 1974. Interactions between mosquito larvae and mucilaginous plant seeds. I. Carbohydrate composition of mucilage in relation to entrapment of larvae. *Mosquito News* 34:394-398.

Website Articles (refereed)

Felsot, A. S. 2011. Environmental effects of cultivating genetically modified crops: regulations and scientific findings. Agricultural Biotechnology Communicators URL: <http://agribiotech.info/details>

OTHER PUBLICATIONS:

Abstracts Published & Posters Presented at Scientific Meetings: Career Total: 82; WSU: 43

Non-refereed Scientific Articles and Newsletter Essays: Career Total: 193; WSU: 140

Technical Reports for Funding Agencies: Career Total: 41; WSU: 30

RESEARCH SUPPORT: Career Total: \$3,001,377; WSU Total: \$1,743,752

EXTENSION PRESENTATIONS & SEMINARS: Career Total: 966; WSU Total: 874

GRADUATE STUDENT ADVISING (as Chair of Graduate Student Research Advisory Committees @ WSU): 42 M.S. students graduated; 3 Ph.D. students graduated

CURRENT WSU SERVICE (2016–): Member of 3 Faculty/Administrator Search Committees

CURRENT PROFESSIONAL SERVICE ACTIVITIES (2016–):

- Associate Editor for Pest Management Science (published by Wiley Interscience for the Society of Chemical Industry);
- Entomological Society of America (ESA) Subject Matter Liaison to the Environmental Protection Agency Office of Pesticide Programs;
- ESA Science Policy Committee