CURRICULUM VITAE

Frieda Eivazi

PERSONAL

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EDUCATION

Ph.D. Soil Fertility	1980	Iowa State University, Ames, Iowa
M.S. Soil Chemistry	1977	Iowa State University, Ames, Iowa
B.S. Soil Science/Ag. Eng.	1973	University of Tabriz, Iran
B.S. Computer Information Systems	May 2003	Lincoln University, Missouri
Post-Doctoral Training and Education	1980-1984	University of KY, Lexington, KY

ACADEMIC APPOINTMENTS

Present	Professor of Agriculture & Environmental Sciences /Research Investigator. Lincoln University, Jefferson City, Missouri.
1990-present	Adjunct Professor. Soil, Environmental, and Atmospheric Sciences, The School of Natural Resources, University of Missouri-Columbia (UMC).
1988-1994	Associate professor of Agriculture /Research Investigator. Lincoln University, Jefferson City, Missouri.
1984-1988	Assistant Professor of Agriculture/Research Investigator. Lincoln University, Jefferson City, Missouri.
1982-1984	Research Specialist. Tobacco and Health Research Institute, University of Kentucky, Lexington, KY.
1980-1982	Post-doctorate Research Associate. Department of Agronomy, University of Kentucky, Lexington, KY.

ADMINISTRATIVE APPOINTMENTS AND EXPERIENCE

March 1St - June 30, 2013	Interim Dean, Research Director, and 1890 Administrator, College of Agricultural and Natural Sciences, Lincoln University.
2008- March 2013	Head, Dept. of Agriculture and Environmental Sciences & Associate Research Director, Cooperative Research Programs, Lincoln University
2005-2007	Interim Head, Department of Agriculture, Biology, Chemistry, & Physics, Lincoln University
1986-1992	Program Leader, Crop, Soils, and the Natural Resources Program (Cooperative Research), Lincoln University.

ADMINISTRATIVE TRAINING AND PREPARATION

2006-2007

I completed a year-long leadership training/development course conducted by The Food Systems Leadership Institute (FSLI), North Carolina State University, Raleigh, NC.
The FSLI experience includes three week-long residential sessions, personal leadership, coaching, mentoring, individual leadership projects, an individual development plan, distance learning activities, and a group capstone project.
FSLI leadership development is driven by three objectives:

- Enhance individual leadership performance to improve the effectiveness of the individual in any leadership role;
- Develop skills and knowledge required to lead organizational change in one's own organization as well as larger systems; and
- Broaden food systems perspectives, to provide a vision for change toward broader, more interdisciplinary and collaborative food systems.

RESEARCH

AREAS OF RESEARCH INTEREST

Environmental Monitoring; Remediation of Pesticide Contaminated Soils; Soil Enzymes and Nutrient Cycling; Effect of Conservation Tillage/Long-Term Management and Land Use on Soil and Water Quality.

RESEARCH AND TEACHING GRANTS/CONTRACTS AWARDED

(PI) *2013-2016* -Collaboration with K-12 Institutions and Community Colleges to Enhance Recruitment and Retention in Agriculture and Environmental Sciences. *USDA/NIF/Capacity Building Teaching Grants program., $149.816.00*

(PI) *2011-2013*-_Enhanced In Situ Biodegradation of Pesticides Under Modified Soil Conditions. *USDA/NIFA, $350,000.*

(Co-PI) *2011-2014.* Silver Nanoparticles as Pesticide for Agricultural Applications. *USDA/NIFA $425,243.*

(Co-PI) *2011-2014*. Food and Agricultural Sciences, preparing future graduate students. USDA/INFA Capacity Teaching Grant. $119.162.

(PI) *2007-2010.* Behavior of selected surfactants in soil: interactions with physicochemical and microbial properties. *UDSA/CSREES*

(Co-PI) *2008-2011*. Reducing arsenic uptake by domestic rice plants. $499,500. USDA/CSREES SERD.

(Co-PI) *2007-2010*. Afrasiabi, Z. and F. Eivazi. Teaching Innovation Using Personal Response System. USDA Capacity Teaching Grants Program. $100,989.

(Co-PI) *2005-2007.* Soil management practices and greenhouse gases emissions from agricultural fields, pasture and forest. UDSA/CSREES

(Co-PI) *2006-2009*. Horticulture-on-a-chip: an Innovative Bio-MEMS Device to Study Interactions between Roots and the Root Zone. $455,611. NSF-ECS

(Co-PI) 2005-2008. Center of Excellence in Environmental Science Research and Education. $1,378,000, DOD-ARO

(PI) *2006-2009.* Eivazi, F., Nkongolo, N., M. P. Motavalli, and Paul Nam. Center for Agricultural/Environmental Experiential Learning. USDA Capacity Teaching Grants Program. $299,639.

(Co-PI) *2003-2006*. Yang, J., F. Eivazi, and M. Campbell. Environmental risk assessment of phosphate-based remedial technology in metal contaminated urban and mining areas in selected Missouri superfund sites. USEPA, $399,476.

(Co-PI) *2002-2005*. Marsh, L., F. Eivazi, R. Jones, and F. Edoho. Integrating decision cases in the agriculture curriculum. $192,913 USDA Capacity Teaching Grants.

(Co-PI) *2002-2005*. Marsh, D., F. Eivazi, and K. Luebbering. Agriculture and life science education: preparing qualified minority graduates. $200,000 USDA Capacity Teaching Grants.

(Co-PI) *2000-2003*. Campbell, M., F. Eivazi, and L. Marsh. Enhancement of agriculture education for minority females based on research and experiential experiences. $227,480

USDA Capacity Teaching Grants.

(PI) *1999-2001*. Eivazi, F. and L. Marsh. Enhancing the agriculture curriculum by using computer technology $153,885 USDA Capacity Teaching Grants.

(PI) *1998-2000*. Marsh, D., F. Eivazi, and K. Luebbering. Agriculture and Honors Education: Preparing future graduate students. $224,828 USDA Capacity Teaching Grants.

(PI) *2001-2005*. A method to minimize on farm point- source contamination of pesticides. *UDSA/CSREES*

(PI) *1998-2001*. Influence of farming systems on selected soil quality parameters. *UDSA/CSREES*

(Co-PI) 1993-1998- IPM-CRSP/USAID

I received funding of $250,000 and served in the Technical Advisory Committee of the IPM-CRSP/USAID (implemented by VPI/SU, of which Lincoln University is a partner).I was the Country Coordinator for Plant and Soil Science research in Jamaica during that period. My research yielded valuable data on uptake of phosphorus by plants in tropical soils.

(PI) *1988-1994*. The fertility and management of canola in central Missouri. *UDSA/CSREES*

(PI) *1984-1988.* Effects of planting date, plant populations and varieties on soybean yield, protein, oil, and nitrogen-fixation under various tillage practices. *UDSA/CSREES*

(PI) *1990-1992*. Eivazi, F. and D. Sasseville. Interaction of soil microorganisms, agricultural pesticides, nitrification and denitrification. USDA-ARS, $34,000

(PI) *1990-1993*. Eivazi, F. and L. Marsh. Enhancing instrumentation and faculty preparation in plant and soil science. $79,800.00 USDA Capacity Teaching Grants.

(PI) *1989* Eivazi, F. Drought resistance, yield, and agronomic attributes of locally adopted sorghum genotypes from Cameroon in a diallel crossing system. USDA/AID (Graduate student research) $7,500

(PI) *1988* Eivazi, F. Specialized, custom-tailored training project to study the methodologies for monitoring biochemical changes during compost maturation. USDA/OICD/ITD/MIC, $12,750

(PI) *1988-1990* Eivazi, F. Some parameters for a model of cultural practices for no-till soybean in Central Missouri, USDA-ARS $40,000 (2 years).

(PI) *1988* Eivazi, F. Specialized custom tailored training in the area of wheat flour production techniques in the United States. USDA/OICD/ITD/MIC $11,750

USDA Apprenticeship, $1,000 per student per year (1984 to 1994) to train minority students in agriculture.

1982-1984 A method for determination of Nitrosamines, the carcinogenic compounds in tobacco smoke and tobacco plant. University of Kentucky, Lexington, KY.

1980-1982 Post-doctorate research associate. I performed research on the nutrition and fertilization of tobacco specifically the interaction of molybdenum with phosphorus and other anions in the soil. Conducted experiments to test tobacco transplant fertilizers using commercially available liquid fertilizers. I developed an automated method for determination of molybdenum in plant tissues and soil samples.
Department of Agronomy, University of Kentucky, Lexington, KY.

TEACHING

During my tenure at Lincoln University I have taught the following courses on a regular basis.

ENV 103	Introduction to Environmental Science
ENV 104	Introduction to Environmental Science Lab
AGR 211	Soils in Our Environment
AGR 309	Environmental Soil Chemistry
AGR 324	Soil Amendments and Environmental Quality
AGR 404	Crop Systems
AGR 414	Soil and Water Conservation and Management
ENV 524	Soil Management for Sustainability

GRADUATE STUDENTS ADVISING/ COMMITTEES

ADVISING Presently advising four Masters of Science degree students.

I have served as major advisor and supervised the following Ph.D. and Master's degree Theses:

Soil Microbial Contribution to Greenhouse Gas Emissions from a Secondary Forest in Central Missouri Ph.D. Dissertation by Nigel Hoilett, (2011)

Effects of Select Surfactants on Nutrient Uptake and Soil Microbial Activity, by Mona Banks, (2011)

Effects of Fertilizer Treatments on Soil pH Nutrient Availability on Swamp White and Pin Oak Seedlings in a Missouri River Bottomland, by Matt Kremer (2009)

Increasing Nitrogen Availability to Swamp White and Pin oak Saplings Growing in Missouri River Floodplain Soils by Christopher J. Plassmeyer, (2009)

Alteration of Microbial Community in Rhizosphere and Soil Profile Due to *in situ* Phosphate-Based Remedial Technology in Metal Contaminated Sites in Missouri (2007) Nigel Hoilett

Phosphorus Availability in Soils of Jamaica", by Clara. Haenchen (1999).

Research Methods in Environmental Studies", by T. Hawkins (1998), Antioch University of Ohio.

Enumeration of Denitrifying Soil Bacteria and Interactions with Pesticides" by W.A. Bergfield (1992). Ph.D. Dissertation

Genetic Variation for Seed Protein and Amino Acid in Selected Sorghum Crosses" by A. Djonnewa (1990).

Graduate Student Committees: I have served as committee member of numerous Master's and Ph.D. degree students both at Lincoln University and UMC (as an Adjunct Faculty with University of Missouri-Columbia).

PUBLICATIONS

Refereed Journal Articles:

Kennedy, A.C., Banks, Mona-Lisa, Robert J. Kremer, and **Frieda Eivazi.** 2014. Soil microbial community response to surfactants and herbicides in two soils. Applied Soil Ecology 74 (12-20).

Banks, Mona-Lisa, Robert J. Kremer, and **Frieda Eivazi,** Peter P. Motavalli, and Kelly A. Nelson. 2013. Effects of selected surfactants on nutrient uptake in corn (*Zea mays L.).* Journal of Plant Nutrition (in Press).

Nigel O Hoilett; Robert J. Kremer; **Frieda Eivazi**; Keith W Goyne, Nsalambi V Nkongolo, and Ann C Kennedy. 2013. Soil enzyme activity associated with greenhouse gas efflux from a hardwood forest in central Missouri. Journal of Applied Soil Ecology (in Review).

Yang, J., and **Eivazi, F.** (2011) Ecological risk reductions of lead-contaminated mining sites by the in-situ phosphate treatments. *Progr. Environ. Sci. Technol.* (3):768-773

Nkongolo, N. V., S. Johnson, **F. Eivazi,** and K. Schmidt. 2010. Greenhouse gases fluxes and soil thermal properties in a pasture in central Missouri. *J. Env. Sci*.22 (7): 1029-1039. Doi :10.1016/S1001-0742(09)60214-X

Eivazi, F. 2008. Effect of simultaneous application of different pesticides on select soil enzyme activities, Journal of Environmental Monitoring & Restoration *5:30-40.*

Hoilett, N.O., N.V. Nkongolo, R. J. Kremer, **F. Eivazi**, S.J. Adisa, R. M. Paro, and K. Schmidt 2008. Understanding the relationships between microbial biomass, enzymes and greenhouse gas

efflux in a secondary forest in Missouri. Journal of Environmental Monitoring & Restoration, *5:109-118.*

Felix Ponder, Jr. and **Frieda Eivazi**. Activities of five enzymes following soil disturbance and weed control in a Missouri forest. Journal of Environmental Monitoring & Restoration *5:41-49, 2008.*

Paro, R., Nsalambi V. Nkongolo1, Shane Johnson, and **Frieda Eivazi.** 2007. Spatial variability of CO_2, CH_4 and N_2O fluxes and soil thermal properties of a secondary forest soil in central Missouri. Journal of Environmental Monitoring & Restoration 3: 42-52.

Eivazi, F., M. R. Bayan, and K. Schmidt. 2003**.** Select soil enzyme activities in the historic Sanborn field as affected by long-term cropping systems. Comm. Soil Sci. Plant Anal. Vol. 34 Nos. 15 &16, pp.2259-2275.

Eivazi, F., and M.R. Bayan. 2001. Effect of long-term fertilization and cropping systems on selected soil enzyme activities. Plant Nutrition-Food security and sustainability of agro ecosystems. 686-687.

Bayan, M.R., and **F. Eivazi**. 1999. Selected enzyme activities as affected by iron oxides and clay particle size. Comm. Soil Sci. Plant Anal. 30 (11 & 12), 1561-1571.

Eivazi, **F.** 1998. Urease activity in soils subjected to flooding and its effect on nitrogen uptake by corn and wheat. J. Plant Nutrition 12 (4), 699-705.

Eivazi, F. and M.R. Bayan. 1996. Effects of long-term prescribed burning on the activity of select soil enzymes in an oak-hickory forest. Can. J. For. Res. 26: 1799-1804.

Eivazi, F. and A. Zakaria. 1993. β-Glucosidase activity in sewage sludge amended soils. J. Agric., Ecosystems and Environment 43:155-161.

Bayan, M.R. and **F. Eivazi.** 1991. Activities of phosphomonoesterases as influenced by goethite and pyrite. Geomicrobiology J. 9 (4):217-224.

Eivazi, F. 1990. Nitrogen fixation of soybean and alfalfa on sewage-sludge amended soils. J. Agric., Ecosystems and Environment 30:129-136.

Eivazi, F. and M.A. Tabatabai. 1990. Factors affecting glucosidases and galactodidases activities in soils. Soil Biol. Biochem. 22 (7):891-897.

Eivazi, F. and C.C. Weir. 1989. Phosphorus and mycorrhizal interaction on uptake of P and trace elements by maize. Fertilizer Research 21:19-22.

Eivazi, F. and M.A. Tabatabai. 1988. Glucosidases and galactosidases in soils. Soil Biol. Biochem. 20 (5):601-606.

Chowdhury, I.R., **F. Eivazi**, K.B. Paul, and D. Bleich. 1985. Effects of foliar fertilization on yield, protein, oil and elemental composition of two soybean varieties. Comm. Soil Sci. Plant Anal. 16 (7):681-692.

Eivazi, F., J.L. Sims, and J.E. Leggett. 1984. Phosphorus and molybdenum interaction effect during accumulation of molybdenum by burley tobacco. J. Plant Nutrition. 7 (7):1075-1092.

MacKown, C.T., **F. Eivazi,** and J.L. Sims. 1984. Tobacco-specific N-nitrosamines: Effect of burley alkaloid isolines and nitrogen fertility management. J. of Agric. & Food Chem. 32:1269 1272.

Sims, J.L. and **F. Eivazi.** 1984. The effects of kinds and rates of transplant fertilizer solutions on growth and molybdenum concentration of burley tobacco J. of Fertilizer Issues. 1 (3):79-85.

Eivazi, F., J.L. Sims, M. Casey, G.D. Jonhson, and J.E. Leggett. 1983. Growth and molybdenum concentration of burley tobacco as influenced by potassium, molybdenum, and chloride in transplant fertilizer solutions. Can. J. of Plant Sci. 63:531-538.

Eivazi, F., J.L. Sims, and J. Cruthfield. 1982. Determination of molybdenum in plant materials using a rapid automated method. Comm. Soil Sci. Plant Anal. 13 (2):135-155.

Eivazi, F. and M.A. Tabatabai. 1977. Phosphatases in soils. Soil Biol. Biochem. 9:167-172.

Symposia Proceedings

Haenchen C**., F. Eivazi**, and J. Lindsay. 1997. Increasing phosphorus availability to *Caspium Chinese* JACQ in tropical soils. Proceedings, 11th International World Fertilizer Congress September 7-13, Gent, Belgium.

Eivazi, F. 1996. Soil enzyme activities as affected by pesticides in single and multi sorbate systems. Proceedings of 6th Symposium "Pesticides in Soil and Environment". pp. 109-110., May 13-15, Stratford-Upon-Avon, UK.

Bayan, M.R., and **F. Eivazi.** 1993. Selected soil enzyme activities in an oak-hickory forest following long-term prescribed burning. Proceedings of the 9th North Central Forest Conference pp. 485-487.

Chapters in Books

Eivazi, F., and J.L. Sims. 1997. Analytical techniques of molybdenum determinations in plants and soils. In "Molybdenum in Agriculture," U.C. Gupta (ed.), pp. 92-110, Cambridge University Press.

Sims, J.L., and **F. Eivazi.** 1997. Testing for molybdenum availability in soils. In "Molybdenum in Agriculture," U.C. Gupta (Ed.), pp. 111-130, Cambridge University Press.

SCIENTIFIC PAPERS PRESENTED/ABSTRACTS PUBLISHED

Mullings, N. and **F. Eivazi.** 2012. Effect of Select Surfactants on Soil Enzyme Activity. Abstracts, SSSA, Cincinnati. OH.

Yang, John , **Frieda Eivazi**, and Yiliang Li. 2012. Lead Speciation in a Superfund Urban Soil Treated by Soluble Phosphate. Abstracts, the International Conference on Urban Environmental Pollution, June 17-20 2012 Amsterdam

Banks, M. L. and **F. Eivazi**, 2010. Effects of Select Surfactants on Soil Microbial Activity. 2011 Research Directors Inc. Symposium. Abstracts, pp. 129.

Nigel O. Hoilett , John Yang , **Frieda Eivazi** , Robert Kremer.2009. Effects of Biosolid Treatments on Microbial properties in Lead Contaminated mining waste. Soil Water Conservation Annual Meetings Abstract.

Plassmeyer, C.J., J. W. Van Sambeek, **Frieda Eivazi,** and Daniel C. Dey. 2007. Increasing Nitrogen Availability to Swamp White and Pin Oak Saplings Growing in Missouri River Floodplain Soils. 16th Central Hardwood Forest Conference, Purdue University Department of Forestry & Natural Resources and the Hardwood Tree Improvement and Regeneration Center,

Ponder, Jr, F., Mathew John Kramer, and **Eivazi, F**. 2007 . Effect of Fertilizer Treatments on an Alkaline Soil and on Early Performance of Two Bottomland Oak Species. 16th Central Hardwood Forest Conference, Purdue University Department of Forestry & Natural Resources and the Hardwood Tree Improvement and Regeneration Center,

Hoilett, N. , **Eivazi, F.,** Nkongolo, N. , and Robert Kremer, 2007. Understanding the Relationships between Soil Biological Properties and Greenhouse Gas Efflux. Agronomy Abstracts.

Hoilett, N., John Yang, Robert Kremer, and **F. Eivazi**. 2007. Effect of Phosphorus on Microbial Population and Diversity in Lead Contaminated Soils. Agronomy Abstracts.

Banks, M. and **Eivazi, F.** 2007. Increasing Phosphorus Availability to Corn (Zea *mays* L.) In Tropical Soils Using Vermicompost. Agronomy Abstracts.

Eivazi, F. 2007. Effect of Urbanization on Heavy Metal Accumulation in Soils of Historical Sanborn Field. Agronomy Abstracts.

Paro, R., N. Nkongolo, S. Johnson, and **F. Eivazi.** 2007. Spatial Variability of CO_2, CH_4, and N_2O Fluxes from soil of a Secondary Forest in Central MO, Abstracts. Env. Monitoring and Remediation Conference, Dover, DE.

F. Eivazi, and M. L. Banks. 2006. Working Students of America: How Do They Balance the Load. NACTA Abstracts.

Hoilett, N. O., John Yang , **Frieda Eivazi** , and R. Kremer. 2006. Effects of Bio-solid Treatments on Microbial properties in Lead Contaminated Mining Waste. Soil and Water Conservation Society, Abstracts. Tampa , Florida

Hoilett, N. O. , John Yang , **Frieda Eivazi** , and R. Kremer. 2006. Microbial Risk Assessment of Metal-Contaminated Urban Soil and Mining Wastes. 12th Annual Mid-America Env. Eng. Conf, Rolla, MO.

Hoilett, N., J. Yang, and **F. Eivazi**. 2005. Microbial Properties as Affected by in Situ Phosphate Treatments in Lead Contaminated Urban Soils. Agronomy Abstracts

Bell, I.P., **F. Eivazi,** and J. Yang 2005. Remediation of Lead Contaminated Urban Soils Using Vermicompost. Agrnomy Abstracts.

Eivazi, F., and F. Ponder, Jr. 2004. Enzyme activities following weed control and soil disturbance in a Missouri Ozark forest. Agronomy Abstracts. Division S07, Forest Management and Productivity.

Eivazi, F., and D. Sasseville. 2002. Pesticide degradation by microbes under modified soil conditions. Agronomy Abstracts, (S03-eivazi085203-Poster).

Eivazi, F., and L. Marsh. 2001. Using computer technology to enhance agriculture curriculum. Agronomy Abstracts, pp. 87.

Eivazi, F. 1999. Soil enzyme activities as affected by long-term management practices in the Sanborn field. International Conference on "Enzymes in the Environment: Activity, Ecology & Application", July 12-15, 1999. Granada-Spain Abstracts. pp 17.

Eivazi, F. 1999. Distribution of select soil enzymes in the historical Sanborn field. Agronomy Abstracts, pp. 222

Eivazi, F. 1997. Selected soil enzyme activities as affected by pesticides in single and multi-sorbate systems. Agronomy Abstracts pp. 203.

Eivazi, F. 1997. Influence of farming systems on selected soil quality parameters. 11th Research Directors Inc. Symposium. Abstracts, pp. 129.

Eivazi, F. 1996. Phytoremediation of cadmium, lead, and zinc contaminated tailings of Tri-State region. Agronomy Abstracts pp. 333.

Eivazi, F., and R. Spautz. 1995. Selected enzyme activities in heavy metal contaminated soils. Agronomy Abstracts pp. 230

Jarecki, M.J., **Eivazi, F.,** and J.L. Sims. 1995. Determination of molybdenum in soils by Atomic Absorption Spectrophotometer. Agronomy Abstracts pp. 316.

Eivazi, F., and M.R. Bayan. 1994. Soil enzyme activities and microbial biomass in an Oak-Hickory forest following long-term prescribed burning. Agronomy Abstracts pp. 384.

Eivazi, F., and R.E. Spautz. 1994. Inhibition of urea hydrolysis and its significance on nitrogen uptake in flooded soils of Central Missouri. Tenth Biennial Research Directors Inc. Symposium. Abstracts, pp. 87.

Bayan, M.R., and **F. Eivazi.** 1993. Seasonal variations in selected enzyme activities in an Oak-Hickory forest following long-term prescribed burning. Agronomy Abstracts pp. 332.

Keller, W.D., M.R. Bayan, **F. Eivazi,** and J.A. White. 1992. Morphology of allophane and halloysite associated with Devonian-Age physillite in Central Kentucky. Agronomy Abstracts pp. 361.

Eivazi, F., D.B. Marsh, and C.C. Weir. 1992. Zeolite amended soils: Effects on maize growth and phosphorus uptake. The 9th Association of Research Directors Symposium Abstracts, pp. 181.

Eivazi, F. 1992. Planting date and nitrogen rate effects on Canola production in Central Missouri. Agronomy Abstracts pp. 276.

Eivazi, F., and M.R. Bayan. 1992. Enzyme activities as affected by free iron oxides and clay particle size. Agronomy Abstracts pp. 255.

Bayan, M.R., and **F. Eivazi**. 1992. Enzyme activity in a forested soil from Southeastern Missouri. Agronomy Abstracts pp. 344.

Bayan, M.R**., F. Eivazi,** and F.R. Ettensohn. 1992. Halloysite-allophane relationship in Central Kentucky. Agronomy Abstracts pp. 361.

Eivazi, F., and A. Zakaria. 1991. β-Glucosidase activity in sewage-sludge amended soils. Agronomy Abstracts, pp. 263.

Bayan, M.R., and **F. Eivazi.** 1991. "Tobelite" in reconstructed soils and spoil materials. Agronomy Abstracts pp. 364.

Djonnewa, A., V.T. Sapra, U.R. Bishoni, C.B. Chawan, and **F. Eivazi.** 1991. Genetic variation for seed protein and amino acid in selected sorghum crosses. Agronomy Abstracts pp. 187.

Bergfield, W.A., R.J. Kremer, D.N. Sasseville, **F. Eivazi**, and R. Jones. 1991. Interaction of Nitrapyrin and four Mid-Missouri soils: Microbial characterization. Agronomy Abstracts pp. 258

Bayan, M.R., and **F. Eivazi**. 1991. Release of NH_4^+ from heat treated peat. Agronomy Abstracts, pp. 282.

Eivazi, F. 1990. Effect of tillage systems on soybean yield, protein and oil content. Agronomy Abstracts, pp. 313.

Bayan, M.R., and **F. Eivazi**. 1990. Phosphomonoesterases activities as influenced by goethite and pyrite. Agronomy Abstracts pp. 244.

Baptist, R., L. Marsh, D. Marsh, and **F. Eivazi**. 1990. Germination, seeding development and modulation of cowpea and pigeon peas at low temperature. HortSci Abstracts 25:1117.

Eivazi, F., and A. Zakaria. 1989. β-Glucosidase activity in Sewage sludge amended soils. The 8th Association of Research Directors 1890 Symposium. Abstracts, pp. 42.

Eivazi, F., and R. Jones. 1989. Effect of tillage systems on phenology and photosynthesis of soybean at different reproductive stages. The 8th Association of Research Directors 1890 Symposium. Abstracts, pp. 83.

Eivazi, F., and I.R. Chowdhury. 1988. Nitrogen fixation of soybean at different reproductive stages as influenced by tillage practice. Agronomy Abstracts pp. 214.

Eivazi, F., and C.C. Weir. 1987. Phosphorus, molybdenum, and mycorrhizal interaction on nutrient uptake by maize. The 7th Biennial Research Symposium 1890 College and State Universities. Washington, D.C. Abstracts pp. 43.

Eivazi, F., and K. Schmidt. 1986. Nitrogen fixation of soybean and alfalfa on sludge amended soils. Agronomy Abstracts pp. 29.

Eivazi, F., K.B. Paul, and K. Schmidt. 1985. Uptake and distribution of Ni and Cu by soybeans and alfalfa grown in sewage sludge amended soil. I. Effect on growth of Rhizobium and nitrogen fixation. The 6th Association of Research Directors 1890 Symposium, Abstracts, pp. 21.

MacKown, C.T., **F. Eivazi,** and J.L. Sims. 1984. Tobacco-specific N: nitrosamines: Effect of burley isolines and nitrogen fertility management, The 5th Biennial Research Symposium of the 1890 Colleges and Universities, Dallas, TX. Abstracts, pp. 23.

Eivazi, F., J.L. Sims, and J.E. Legget, 1982. Phosphorus and molybdenum interaction effects on uptake of molybdenum by burley tobacco plants. The 36th Tobacco Chemists' Research Conference, Raleigh, NC.

Eivazi, F., J.L. Sims, and J. Crutchfield. 1981. Determination of molybdenum in burley tobacco using a rapid automated method. The 35th Tobacco Chemists' Research Conference, Winston Salem, NC.

Sims, J.L., M. Casy, J.E. Legget, and **F. Eivazi.** 1981. Effect of transplant water fertilization on

growth and chemical composition of burley tobacco. Annual Report of the College of Agriculture and the KY Agri. Exp. Stn., pp. 59-60.

INTERNATIONAL RESEARCH

I have served for five years in the Technical Advisory Committee of the IPM-CRSP, funded by USAID and implemented by VPI/SU, of which Lincoln University was a partner. I was the Country Coordinator for Plant and Soil Science research in Jamaica during that period. My research yielded valuable data on uptake of phosphorus by plants in tropical soils. I have received grants from USDA/OICD/ITD/MIC for training projects of visiting fellows from countries of Afghanistan, Malaysia and Cameroon.

EXTENSION AND OUTREACH ACTIVITIES

I have made several invited presentations in Extension workshops. All Extension Specialist in Cooperative Extension Programs at LU have 20-25 % research appointment. I supervise, interact, and provide guidance for the research conducted by the specialist.

AWARDS

- Nominated for the ASA-CSSA-SSSA Woman Mentoring Award. 2011
- Nominated for Governor's Excellence in Teaching Award, 2010.
- Fellow, Food Systems Leadership Institute (FSLI), 2007-Present.
- Nominated for Morrison-Evans Outstanding Scientist Award, 2006
- Certificate of Recognition for excellence in Teaching, Lincoln University.
- Certificate of Recognition for outstanding services as Program Leader for Plant and Soil
- Sciences, Division of Food and Agricultural Sciences, Lincoln University.
- Summa Cum Laude (B.S.)
- Ministry of Higher Education Scholarship for Outstanding Student, University of Tabriz, Iran.

SOCIETIES AND ORGANIZATION

Professional Memberships and Activities*:*

- Soil Science Society of America
- American Society of Agronomy
- Crop Science Society of America

PROFESSIONAL SERVICES

National and Regional Committees/ Boards:

- Member of the Editorial Board for the Journal of Plant Nutrition and Communications in Soil Science and Plant Analysis (2000-To-date).

- Member of the Association of Extension Administrators Team (2005-to date).

- American Society of Agronomy: Minority Committee (2001-to date).

- American Society of Agronomy: State Membership Committee, Missouri chapter (1998-to date)

- National Soil Survey Centennial Conference Steering Committee, representing the 1890 Land Grant Institutions (1999).

- American Society of Agronomy: Women in Agronomy Committee (1998-2000).

- Missouri Soil Survey Planning Committee (1997-2000)

- Administrative Council Member, North Central Region SARE (1994-1997).

- National Association of State Universities and Land Grant Colleges (NASULGC), Board on Oceans and the Atmosphere (1993-1995).

University, College, and Departmental Committees

Curriculum
Assessment
Peer Research Review
Facilities/Renovations
Scholarship/Student Aid
Long Range Planning
Library Services
International Programs Advisory Council
First Year Experience Advisory committee

Community Services

--Mentored and supervised research projects of several high school students for competitive presentations.
--Volunteer member of the Leukemia & Lymphoma Society.
--Active in YMCA sports club, help in high school activities.
--Member, Our Savior's Lutheran Church, 1984- Present

Computer Skills

--Recipient of a BS degree in Computer Information Systems (2003).
--Have used computers with Windows and Macintosh Operating Systems.
--Word processing software (Word)
--Spreadsheet (Excel)
--Database (Access)
--Data Analysis and presentations (SAS, PowerPoint)

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