

Pathology



Journal Articles

- Adams, G., N. Johnson, J.F. Leslie and L.P. Hart. 1987. Heterokaryons of *Gibberella zeae* formed following hyphal anastomosis or protoplast fusion. *Experimental Mycology* 11:339-353.
- Afolabi, C. G., R. Bandyopadhyay, J. F. Leslie & E. J. A. Ekpo. 2006. Effect of sorting on incidence and occurrence of fumonisin and fumonisin-producing *Fusarium* species on maize (*Zea mays* L.) in Nigeria. *Journal of Food Protection* 69: 2019-2023.
- Alexander, J.D., R.W. Toler and F.R. Miller. 1990. Plant density effect on proportion of maize dwarf mosaic virus infection in sorghum. *Phytopathology* 80:433.
- Akhtar, M.A. and L.E. Claffin. 1986. Immunofluorescent detection of *Pseudomonas avenae* in plant tissue. *Pak. J. Agric. Res.* 7:238-240.
- Akhtar, M.A. and L.E. Claffin. 1986. Detection of *Pseudomonas andropogonis* in plant tissue employing fluorescent antibody stain procedure. *Pak. J. Agric. Res.* 7:319-322.
- Ali, M.E.K. and H.L. Warren. 1987. Physiological races of *Colletotrichum graminicola* on sorghum. *Plant Dis.* 71:402-404.
- Ali, M.E.K., H.L. Warren and R.X. Latin. 1987. Relationship between anthracnose leaf blight and losses in grain yield of sorghum. *Plant Dis.* 71:803-806.
- Ali, M.E.K. and H.L. Warren. 1984. Variation in pathogenicity within sorghum isolates of *Colletotrichum graminicola*. *Phytopathology* 74:883.
- Bacon, C.W., J.K. Porter, W.P. Norred, and J.F. Leslie. 1996. Production of fusaric acid by *Fusarium* species. *Applied and Environmental Microbiology* 62:4039-4043.
- Bailey, C.A., J.J. Fazzino, Jr., M.S. Ziehr, A.U. Haq, G. Odvody, and J.K. Porter, 1999. Evaluation of sorghum ergot toxicity in broilers. *Poultry Sci.* 78:1391-1397.
- Bandyopadhyay, R., D. E. Frederickson, N. W. McLaren, G. N. Odvody, and M. J. Ryley. 1998. Ergot: A New Disease Threat to Sorghum in the Americas and Australia. *Plant Disease* 82:356-367.
- Bhaskaran, S., R.H. Smith and R.A. Frederiksen. 1991. A factor that promotes mycelial development in *Sporisorium reilianum* *in vitro*. *Botanical Gazette* 152:4.
- Bhaskaran, S., R.H. Smith and R.A. Frederiksen. 1990. Gibberellin A₃ reverts floral primordia to vegetative growth in sorghum. *Plant Sci.* 71:113-118.
- Berger, P.H., R.W. Toler and K.F. Harris. 1989. The rate of inoculativity loss of maize dwarf mosaic virus by *Schizaphis graminum* Rondani after various acquisition access times and its relationship to nonpersistent transmission mechanisms. *J. Phytopathology* 125:336-342.
- Berger, P.H. and R.W. Toler. 1983. Maize dwarf mosaic virus transmission by greenbug biotypes. *Plant Dis.* 67:496-497.
- Bowden, R.L. and J.F. Leslie. 1999. Sexual recombination in *Gibberella Zeae* (*Fusarium graminearum*). *Phytopathology* 89:182-188.

- Bowden, R.L. and J.F. Leslie. 1992. Nitrate-nonutilizing mutants of *Gibberella zeae* (*Fusarium graminearum*) and their use in determining vegetative compatibility. *Experimental Mycology* 16:307-315.
- Bramel-Cox, P.J. and L.E. Clafin. 1989. Selection for resistance to *Macrophomina phaseolina* and *Fusarium moniliforme* in sorghum. *Crop Sci.* 29:1468-1472.
- ramel-Cox, P. J., I. S. Stein, D. M. Rodgers, and L. E. Clafin. 1988. Inheritance of resistance to *Macrophomina phaseolina* (*Tassi*) Goid. and *Fusarium moniliforme* Sheldon in sorghum. *Crop Sci.* 28:37-40.
- Britz, H., T.A. Coutinho, M.J. Wingfield, W.F.O. Marasas, T.R. Gordon and J.F. Leslie. 1999. *Fusarium subglutinans* f. sp. *pini* represents a distinct mating population in the *Gibberella fujikuroi* species complex. *Applied and Environmental Microbiology* 65:1198-1201.
- Britz, H., M.J. Wingfield, T.A. Coutinho, W.F.O. Marasas and J.F. Leslie. 1998. Female fertility and mating-type distribution in a South African population of *Fusarium subglutinans* f. sp. *pini*. *Applied and Environmental Microbiology*. 64:2094-2095.
- Brooker, N.L., J.F. Leslie and M.B. Dickman. 1990. Nitrate nonutilizing mutants of *Colletotrichum*. *Phytopathology* 80:1057.
- Brooker, N.L., J.F. Leslie and M.B. Dickman. 1991. Nitrate nonutilizing mutants of *Colletotrichum* and their use in vegetative compatibility and genetic relatedness. *Phytopathology* 81:672-677.
- Britz, H., M.J. Wingfield, T.A. Coutinho, W.F.O. Marasas and J.F. Leslie. 1998. Female fertility and mating type distribution in a South African population of *Fusarium subglutinans* f. sp. *pini*. *Applied and Environmental Microbiology* 64:2094-2095.
- Campbell, C.L. and J.F. Leslie. 1993. Using VCGs to determine genetic diversity of *Fusarium moniliforme* in 24 maize seed lots. *Phytopathology* 83:1041.
- Cardwell, K.F., P.R. Hepperly and R.A. Frederiksen. 1989. Pathotypes of *Colletotrichum graminicola* and seed transmission of sorghum anthracnose. *Plant Dis.* 73:255-257.
- Cardwell, K.F., S.D. Collins, R.A. Frederiksen. 1988. Dilatory resistance character of sorghum hybrids as measured by area under disease progress curve. *Biological and Cultural Tests for Control of Plant Diseases*. Vol. 3:36.
- Casela, C.R. and R.A. Frederiksen. 1993. Survival of sclerotia of *Colletotrichum graminicola* in sorghum stalk residues. *Plant Dis.* 77:825-827.
- Casela, C.R., R.A. Frederiksen and A.S. Ferreira. 1993. Evidence for dilatory resistance to anthracnose in sorghum. *Plant Dis.* 77:908-911.
- Chaisrisook, C. and J.F. Leslie. 1990. A nuclear gene controlling perithecial pigmentation in *Gibberella fujikuroi* (*Fusarium moniliforme*). *Journal of Heredity* 81:189-192.
- Chaisrisook, C. and J.F. Leslie. 1990. Genetic diversity within populations of *Fusarium* section *Liseola* from corn and sorghum in Kansas. *Phytopathology* 80:1042.
- Chulze, S. N., A. Torres, M. L. Ramirez & J. F. Leslie. 2000. Genetic variation in *Fusarium* section *Liseola* from no-till maize in Argentina. *Applied and Environmental Microbiology* 66: 5312-5315.

- Claffin, L. E. 2000. Procarvotic diseases and stalk rots of grain sorghum diseases. *In*, R. A. Fredericksen and G. N. Odvody, eds., Sorghum Disease Compendium, 2nd ed. p. 5-7, 28-30. American Phytopathological Soc., St. Paul, MN.
- Claffin, L. E. 2000. Ergot: A new disease of grain sorghum in the Western Hemisphere. *Revista Mexicana de Fitopatologia*. 17:46-48.
- Claffin, L.E., B.A. Ramundo, J.E. Leach and I.D. Erinle. 1989. *Pseudomonas avenae*, causal agent of bacterial leaf stripe of pearl millet. *Plant Dis*. 73:1010-1014.
- Claffin, L.E., A.K. Vidaver and M. Sasser. 1987. MXP, A semi-selective medium for *Xanthomonas campestris* pv. *phaseoli*. *Phytopathology* 77:730-734.
- Correll, J.C., C.J.R. Klittich and J.F. Leslie. 1989. Heterokaryon self-incompatibility in *Gibberella fujikuroi* (*Fusarium moniliforme*). *Mycological Res*. 93:21-27.
- Correll, J.C., C.J.R. Klittich and J.F. Leslie. 1987. Nitrate non-utilizing mutants of *Fusarium oxysporum* and their use in vegetative compatibility tests. *Phytopathology* 77:1640-1646.
- Craig, J. and R.A. Fredericksen. 1992. Comparison of sorghum seedling reactions to *Sporisorium reilianum* in relation to sorghum head smut resistance classes. *Plant Dis*. 76:314-318.
- Craig, J., G.N. Odvody, G.C. Wall and D.H. Meckenstock. 1989. Sorghum Downy Mildew loss assessment with near-isogenic sorghum populations. *Phytopathology* 79:448-451.
- Craig, J., R.A. Fredericksen, G.N. Odvody and S. Szerszen. 1987. Effects of herbicide antidotes on sorghum downy mildew. *Phytopathology* 77:1530-1532.
- Cuarezma-Teran, J.A., L.E. Trevathan, and S.C. Bost. 1984. Nematodes associated with sorghum in Mississippi. *Plant Dis*. 68:1083-1085.
- Cuarezma-Teran, J.A. and L.E. Trevathan. 1985. Effects of *Quinisulcius acutus* and *Pratylenchus zeae* alone and in combination on sorghum. *J. Nematology* 17:169-174.
- Dahlberg, J.A., R. Bandyopadhyay, W.L. Rooney, G.N. Odvody, and P. Madera-Torres. 2001. Evaluation of sorghum germplasm used in U.S. breeding programs for sources of sugary disease resistance. *Plant Pathology* 50:681-689.
- Dahlberg, J.A., G.L. Peterson, G.N. Odvody, and M. Bonde. 1999. Inhibition of germination and sporulation of *Claviceps africana* from honeydew encrusted sorghum with seed treatment fungicides. *Crop Protection* 18:235-238.
- Darnetty, J.F. Leslie, S. Muthukrishnan, M. Swegle, A.J. Vigers and C.P. Seletrinnikoff. 1993. Variability in antifungal proteins in the grains of maize, sorghum and wheat. *Physiologia Plantarum* 88:339-349.
- Darnetty, J.F. Leslie and S. Muthukrishnan. 1990. Antifungal activities from the grains of corn, sorghum and wheat. *Phytopathology* 80:1055.
- de Serrano, R. S., Claffin, L. E., Jaco, M. P., and A. Moran. 2004. Evaluacion del Dano Ocasionado por *Roya* (*Puccinia* sp) en sorgos comerciales y criollos en El Salvador. *LaCalera* 3:23-27.

- Desjardins, A.E., R.D. Plattner, M. Lu, and L.E. Claffin. 1998. Distribution of fumonisins in maize ears infected with strains of *Fusarium moniliforme* that differ in fumonisin production. *Plant Dis.* 82:953-958.
- Desjardins, A.E., R.D. Plattner and J.F. Leslie. 1995. Genetic analysis of fumonisin production and virulence of *Gibberella fujikuroi* mating population A (*Fusarium moniliforme*) on maize (*Zea mays*) seedlings, *Applied and Environmental Microbiology* 61:79-86.
- Desjardins, A.E., R.D. Plattner, J.F. Leslie and P.E. Nelson. 1992. Heritability of fumonisin B₁ production in *Gibberella fujikuroi* mating population "A". *Applied and Environmental Microbiology* 58:2799-2805.
- Desjardins, A.E., R.D. Plattner, J.F. Leslie and P.E. Nelson. 1991. Genetic analysis of fumonisin biosynthesis in *Fusarium moniliforme* mating population A. *Phytopathology* 81:1224.
- Dickey, R.S., L.E. Claffin and C.H. Zumoff. 1987. *Erwinia chrysanthemi*: Serological comparisons of strains from *zea mays* and other hosts. *Phytopathology* 77:426-430.
- Dickman, M.B. and J.F. Leslie. 1992. Complementation of a *nnu* mutant of *Gibberella zeae* (*Fusarium graminearum*) by the regulatory *nit-2* gene of *Neurospora crassa*. *Molecular and General Genetics* 235:458-462.
- Doe, F.J. and J.F. Leslie. 1993. A laboratory exercise for isolating and characterizing microbial mutants with metabolic defects. *The American Biology Teacher* 55:430-433.
- Duncan, R.R., D.T. Rosenow and R.A. Frederiksen. 1988. Registration of Sorghum disease resistant fertility restorer germplasm line, 87BL2598. *Crop Sci.* 28:1037.
- Duncan, R.R., A. Sotomayor-Rios, P.P. Hepperly, D.T. Rosenow, F.R. Miller, S. Narro, G. Forbes, and R.A. Frederiksen. 1987. Release of GPTM313R *Fusarium* resistant germplasm. *Crop Sci.* 27:1321-1322.
- El-Assiuty, E.M., A.M. Ismael, K.A. Zeller and J.F. Leslie. 1999. Relative colonization ability of greenhouse-grown maize by four lineages of *Cephalosporium maydis*. *Phytopathology* 89:s23.
- Esele, J.P., R.A. Frederiksen and F.R. Miller. 1993. The association of genes controlling caryopsis traits with grain mold resistance in sorghum. *Phytopathology* 83:490-495.
- Farrokhi-Nejad, R. and J.F. Leslie. 1990. Vegetative compatibility group diversity within populations of *Fusarium moniliforme* isolated from corn seed. *Phytopathology* 80:1043.
- Fernandez, L.D. and D.H. Meckenstock. 1986. Virulence of *Peronosclerospora sorghi* in Honduras. (In Spanish). *CEIBA* 28:79-100.
- Forbes, G.A., R.A. Frederiksen and L.M. Seitz. 1989. Assessment of grain mold: Disease severity and crop loss. *Seed Sci. and Technol.* 17:297-307.
- Forbes, G.A., D.C. Collins, G.N. Odvody, and R.A. Frederiksen. 1985. A seedling epiphytotic of sorghum in South Texas caused by *Pythium arrhenomanes*. *Plant Dis.* 69:726.
- Forbes, G.A., O. Ziv, and R.A. Frederiksen. 1987. Resistance in sorghum to seedling disease caused by *Pythium arrhenomanes*. *Plant Dis* 71:145-148.
- Fotso, J., J. F. Leslie & J. S. Smith. 2002. Production of beauvericin, moniliformin, fusaproliferin, and fumo-

- nisins B₁, B₂ and B₃ by ex-type strains of fifteen *Fusarium* species. *Applied and Environmental Microbiology* **68**: 5195-5197.
- Fotso, J., J. F. Leslie & J. S. Smith. 2002. Production of beauvericin, moniliformin, fusaproliferin, and fumonisins B₁, B₂ and B₃ by ex-type strains of fifteen *Fusarium* species. *Applied and Environmental Microbiology* **68**: 5195-5197.
- Frederickson, D.E., E.S. Monyo, S.B. King, G.N. Odvody, and L.E. Claffin. 1999. Presumptive identification of *Pseudomonas syringae*, the cause of foliar leafspots and streaks on pearl millet in Zimbabwe. *J. Phytopathology* **147**:701-706.
- Frederiksen, R.A. 2000. Diseases and disease management in sorghum. Wiley Press. Series in Crop Science. p. 497-534.
- Frederiksen, R.A., D.T. Rosenow, D.C. Collins, and J. Craig. 1986. Registration of six bulks of downy mildew resistant sorghum germplasm. *Crop Sci.* **26**:208-209.
- Gao, Z., Jayaraj, J., Muthukrishnan, S., Claffin, L. E., and G. H. Liang. 2004. Efficient genetic transformation of sorghum using a visual screening marker. *Genome* (accepted)
- Gimenes-Fernandes, N., R.A. Frederiksen, and A.M. Pena. 1984. Avaliacao da resistencia ao mildio [*Peronosclerospora sorghi* (Weston & Uppal) G.G. Shaw] atraves da leit ura das lesoes foliares locais. *Phytopathologica* **10**:(no 3, 4) 189-205.
- Giorda, L.M., R.W. Toler and F.R. Miller. 1986. Identification of sugarcane mosaic strain H isolate in commercial grain sorghum. *Plant Dis.* **70**:624-628.
- Hanson, L. A., B. Bailey, R.A. Frederiksen, J.D. Smith, and C.W. Magill. 1997. Early events in the interaction between maize and southern rust. *Maydica* **42**:339-346.
- Harris, M.K. and R.A. Frederiksen. 1984. Concepts and methods regarding host plant resistance to arthropods and pathogens. *Ann. Rev. Phytopathol.* **22**:247-272.
- Heaton, L. A. & J. F. Leslie. 2004. Double-stranded RNAs associated with *Fusarium proliferatum* mitochondria. *Mycological Progress* **3**: 193-198.
- Hetrick, B.A.D., G.W.T. Wilson and J.F. Leslie. 1991. Root architecture of warm- and cool-season grasses: Relationship to mycorrhizal dependence. *Canadian Journal of Botany* **69**:112-118.
- Hipskind, J.D., J.R. Vincent, L.G. Butler and R.L. Nicholson. 1993. Partial Purification of 4-Hydroxycinnamic acid: CoA Ligase from Maize Leaves Infected with *Bipolaris maydis*. *Physiological and Molecular Plant Physiology* **43**:365-377.
- Horne, C.W., R.W. Toler and J.D. Trampota. 1991. Reactions of commercial grain sorghum hybrids to infection by the maize dwarf mosaic virus. *Biological and Cultural Tests for Control of Plant Diseases* **6**:46.
- Hornok, L., C. Waalwijk & J. F. Leslie. 2007. Genetic factors affecting sexual reproduction in toxigenic *Fusarium* species. (accepted).
- Huss, M.J., C.L. Campbell, D.B. Jennings, and J.F. Leslie. 1996. Isozyme variation among biological species in the *Gibberella fujikuroi species complex* (*Fusarium section Liseola*). *Applied and Environmental Microbiology* **62**:3750-3756

- Isakeit, T., G. N. Odvody, and R. A. Shelby. 1998. First report of sorghum ergot caused by *Claviceps africana* in the United States. *Plant Dis.* 82:592.
- Jardine, D.J. and J.F. Leslie. 1999. Aggressiveness to mature maize plants of *Fusarium* strains differing in the ability to produce fumonisin. *Plant Disease* 83:690-693.
- Jardine, D.J. and J.F. Leslie. 1992. Aggressiveness of *Gibberella fujikuroi* (*Fusarium moniliforme*) isolates to grain sorghum under greenhouse conditions. *Plant Disease* 76:897-900.
- Jardine, D.J. and J.F. Leslie. 1991. Aggressiveness of isolates of *Gibberella fujikuroi*, mating population "F", on grain sorghum. *Phytopathology* 81:1236.
- Jeney, A., E. Béki, A. Keszthelyi, J. F. Leslie & L. Hornok. 2007. Inactivation of Fpmtr, an amino acid transporter gene causes communication disturbances in *Fusarium proliferatum*. *J. Basic Microbiol.* 47: 16-24.
- Jensen, S.G., M.K. Palomar, E.M. Ball and R. Samson. 1985. Factors influencing the virus titer in maize dwarf mosaic virus infected sorghum. *Phytopathology* 75:1132-1136.
- Jurgenson, J. E., R. L. Bowden, K. A. Zeller, J. F. Leslie, N. J. Alexander & R. D. Plattner. 2002. A genetic map of *Gibberella zae* (*Fusarium graminearum*). *Genetics* **160**: 1452-1460.
- Jurgenson, J. E., K. A. Zeller & J. F. Leslie. 2002. An expanded genetic map of *Gibberella moniliformis* (*Fusarium verticillioides*). *Applied and Environmental Microbiology* **68**: 1972-1979.
- Jurgenson, J. E., R. L. Bowden, K. A. Zeller, J. F. Leslie, N. J. Alexander and R. D. Plattner. 2002. A genetic map of *Gibberella zae* (*Fusarium graminearum*). *Genetics* 160: 1452-1460.
- Jurgenson, J. E., K. A. Zeller and J. F. Leslie. 2002. An expanded genetic map of *Gibberella moniliformis* (*Fusarium verticillioides*). *Applied and Environmental Microbiology* 68: 1972-1979.
- Kedera, C.J., J.F. Leslie and L.E. Claffin. 1994. Genetic diversity of *Fusarium* section *Liseola* (*Gibberella fujikuroi*) in individual maize stalks. *Phytopathology* 84:603-607.
- Kedera, C.J., J.F. Leslie and L.E. Claffin. 1992. Systemic infection of corn by *Fusarium moniliforme*. *Phytopathology* 82:1138.
- Kerényi, Z., B. Oláh, A. Jeney, L. Hornok & J. F. Leslie. 2006. The homologue of het-C of *Neurospora crassa* lacks vegetative compatibility function in *Fusarium proliferatum*. *Appl. Environ. Microbiol.* 72: 6527-6532.
- Kerényi, Z., K. Zeller, L. Hornok and J.F. Leslie. 1999. Standardization of mating-type terminology in the *Gibberella fujikuroi* species complex. *Applied and Environmental Microbiology* 65:4071-4076.
- Kinzel, J.J. and J.F. Leslie. 1985. NADPH-dependent glutamate dehydrogenase activity in *Gibberella zae*. *Experimental Mycology* 9:170-173.
- Kistler, H.C., C. Alabouvette, R.P. Baayen, S. Bentley, D. Brayford, A. Coddington, J.C. Correll, M.-J. Daboussi, K. Elias, D. Fernandez, T.R. Gordon, T. Katan, H.G. Kim, J.F. Leslie, R.D. Martyn, Q. Migheli, N.Y. Moore, K. O'Donnell, R.C. Ploetz, M.A. Rutherford, B. Summerell, C. Waalwijk and S. Woo. 1998. Systematic numbering of vegetative compatibility groups in the plant pathogenic fungus *Fusarium oxysporum*. *Phytopathology* 88:30-32.

- Klittich, C. J. R., J.F. Leslie, P.E. Nelson, and W.F.O. Marasas. 1997. *Fusarium thapsinum* (*Gibberella thapsina*): A new species in section *Liseola* from sorghum. *Mycologia* 89:643-652.
- Klittich, C.J.R. and J.F. Leslie. 1992. Identification of a second mating population within the *Fusarium moniliforme* anamorph of *Gibberella fujikuroi*. *Mycologia* 84:541-547.
- Klittich, C.J.R. and J.F. Leslie. 1989. Chlorate-resistant, nitrate-utilizing mutants of *Fusarium moniliforme* (*Gibberella fujikuroi*). *J. General Microbiology*. 135:721-727.
- Klittich, C.J.R. and J.F. Leslie. 1988. Nitrate reduction mutants of *Fusarium moniliforme* (*Gibberella fujikuroi*). *Genetics* 118:417-423.
- Klittich, C.J.R., J.C. Correll and J.F. Leslie. 1988. Inheritance of sectoring frequency in *Fusarium moniliforme* (*Gibberella fujikuroi*). *Experimental Mycology* 12:289-294.
- Klittich, C.J.R. and J.F. Leslie. 1988. Multi-well plates for complementation tests of *Fusarium*. *Fungal Genetics Newsletter* 35:21-22.
- Leach, J.E., B.A. Ramundo, D.L. Pearson, and L.E. Claffin. 1987. Dot-immunobinding assay for detecting *Xanthomonas campestris* pv. *holcicola* in sorghum. *Plant Dis.* 71:30-33.
- Leslie, J. F., R. Bandyopadhyay & A. Visconti, eds. 2007. *Mycotoxins: Detection Methods, Management, Public Health and Agricultural Trade*. CABI, Kew, UK.
- Leslie, J. F. & B. A. Summerell. 2006. *Fusarium Laboratory Workshops – A recent history*. *Mycotoxin Research* 22: 73-74.
- Leslie, J. F. & B. A. Summerell. 2006. *The Fusarium Laboratory Manual*. Blackwell Professional Publishing, Ames, Iowa. 385 pp.
- Leslie, J. F., B. A. Summerell, S. Bullock & F. J. Doe. 2005. Description of *Gibberella sacchari* and neotypification of its anamorph *Fusarium sacchari*. *Mycologia* 97: 718-724.
- Leslie, J. F., K. A. Zeller, S. C. Lamprecht, J. P. Rheeder & W. F. O. Marasas. 2005. Toxicity, pathogenicity and genetic differentiation of five species of *Fusarium* from sorghum and millet. *Phytopathology* 95: 275-283.
- Leslie, J. F., K. A. Zeller & B. A. Summerell. 2001. Icebergs and species in populations of *Fusarium*. *Physiological and Molecular Plant Pathology* 59: 107-117.
- Leslie, J. F. 2001. Population genetic level problems in the *Gibberella fujikuroi* species complex. *In: Fusarium: Paul E. Nelson Memorial Symposium* (B. A. Summerell, J. F. Leslie, D. Backhouse & W. L. Bryden, eds.), p. 113-121. APS Press, St. Paul, Minnesota.
- Leslie, J. F. 2000. Storage molds and mycotoxicoses. *In: Compendium of Sorghum Diseases* (R. A. Frederiksen & G. N. Odvody, eds.), p. 42-43. APS Press, St. Paul, Minnesota. 78 p.
- Leslie, J. F. 2000. *Fusarium* species associated with sorghum. *In: Compendium of Sorghum Diseases* (R. A. Frederiksen & G. N. Odvody, eds.), p. 30-31. APS Press, St. Paul, Minnesota. 78 p.
- Leslie, J.F. 1999. Genetic status of the *Gibberella fujikuroi* species complex. *The Plant Pathology Journal* 15:259-269.

- Leslie, J. F., and C.T. Yamashiro. 1997. Effects of the *tol* mutation on allelic interactions at *het* loci in *Neurospora crassa*. *Genome* 40:834-840.
- Leslie, J.F. and K. Zeller. 1997. Mutants that blur the line between biological species and vegetative compatibility groups. *Cereal Research Communications* 25:539-542.
- Leslie, J.F. 1996. Fungal vegetative compatibility - Promises and prospects. *Phytoparasitica* 24:1-4.
- Leslie, J.F. 1996. Genetic problems in some *Fusarium species*. *Sydowia* 48:32-43.
- Leslie, J.F., and K.K. Klein. 1996. Female fertility and mating-type effects on effective population size and evolution in filamentous fungi. *Genetics* 144:557-567.
- Leslie, J.F., W.F.O. Marasas, G.S. Shephard, E.W. Sydenham, S. Stockenström, and P.G. Thiel. 1996. Duckling toxicity and the production of fumonisin and moniliformin by isolates in the A and F mating populations of *Gibberella fujikuroi* (*Fusarium moniliforme*). *Applied and Environmental Microbiology* 62:1182-1187.
- Leslie, J.F., and K.A. Zeller. 1996. Heterokaryon compatibility in fungi - More than just another way to die. *Journal of Genetics* 75:415-424.
- Leslie, J.F. 1995. *Gibberella fujikuroi*: Available populations and variable traits. *Canadian Journal of Botany* 73:S282-S291.
- Leslie, J.F. 1993. Fungal vegetative compatibility. *Annual Review of Phytopathology* 31:127-151.
- Leslie, J.F., F.J. Doe, R.D. Plattner, D.D. Shackelford and J. Jonz. 1992. Fumonisin B₁ production and vegetative compatibility of strains from *Gibberella fujikuroi* mating population "A" (*Fusarium moniliforme*). *Mycopathologia* 117:37-45.
- Leslie, J.F., R.D. Plattner, A.E. Desjardins and C.J.R. Klittich. 1992. Fumonisin B₁ production by strains from different mating populations of *Gibberella fujikuroi* (*Fusarium* section *Liseola*). *Phytopathology* 82:341-345.
- Leslie, J.F. 1991. Mating populations in *Gibberella Fujikuroi* (*Fusarium* section *Liseola*). (Invited review). *Phytopathology* 81:1058-1060.
- Leslie, J.F. and M.B. Dickman. 1991. Fate of DNA encoding hygromycin resistance following meiosis in transformed strains of *Gibberella fujikuroi* (*Fusarium moniliforme*). *Applied and Environmental Microbiology*. 57:1423-1429.
- Leslie, J.F., C.J.R. Klittich and C. Chaisrisook. 1990. Fertility of isolates belonging to *Fusarium* section *Liseola* from corn and sorghum. *Phytopathology* 80:963.
- Leslie, J.F., C.A.S. Pearson, P.E. Nelson and T.A. Toussoun. 1990. *Fusarium* species from corn, sorghum, and soybean fields in the central and eastern United States. *Phytopathology* 80:343-350.
- Leslie, J.F. 1987. A nitrate nonutilizing mutant of *Gibberella zeae*. *Journal of General Microbiology* 133:1279-1287.
- Leslie, J.F. 1986. Utilization of nitrogen sources by *Gibberella zeae*. *Mycologia* 78:568-576.

- Leslie, J.F. and W.B. Watt. 1986. Some evolutionary consequences of the molecular recombination process. *Trends in Genetics* 2:288-291.
- Leslie, J.F. and W.B. Watt. 1984. Postmeiotic segregation as a source of mosaics in diploid organisms. *Genetical Research* 44:225-229.
- Leslie, J. F., K. A. Zeller, A. Logrieco, G. Mulè, A. Moretti & A. Ritieni. 2004. Species diversity and toxin production by strains in the *Gibberella fujikuroi* species complex isolated from native prairie grasses in Kansas. *Applied and Environmental Microbiology* **70**: 2254-2262.
- Leslie, J. F., K. A. Zeller, M. Wohler & B. A. Summerell. 2004. Interfertility of two mating populations in the *Gibberella fujikuroi* species complex. *European Journal of Plant Pathology* **110**: 611-618.
- Little, C. R. and **Magill**, C. W. (2004) Elicitation of defense response genes in *Sorghum bicolor* (L.) Moench in response to infection by *Fusarium thapsinum* and *Curvularia lunata* at anthesis. *Mol. & Physiol. Plant Pathology* 63:271-279.
- Mansuetus, A. S. B., G.N. Odvody, R.A. Frederiksen, and J.F. Leslie. 1997. Biological species of *Gibberella fujikuroi* (*Fusarium* section *Liseola*) recovered from sorghum in Tanzania. *Mycological Research* 101:815-820.
- Mansuetus, S.B., R.A. Frederiksen, R.D. Waniska, G.N. Odvody and J. Craig. 1990. The role of glumes of sorghum in resistance to grain mold. *Phytopathology*. 80:(A903).
- Marasas, W. F. O., J. P. Rheeder, S. C. Lamprecht, K. A. Zeller & J. F. Leslie. 2001. *Fusarium andiyazi* sp. nov., a new species from sorghum. *Mycologia* 93: 1203-1210.
- Matheussen, A.M., P.W. Morgan and R.A. Frederiksen. 1991. Implications of Gibberellins in head smut (*Sporisorium reilianum*) of *Sorghum bicolor*. *Plant Physiol.* 96:537-544.
- McKern, N.M., D.D. Shukla, R.W. Toler, S.G. Jensen, M. Tomic, R.E. Ford, O. Leon and C.W. Ward. 1991. Confirmation that the sugarcane mosaic virus subgroup consist of four distinct potyviruses by using peptide profiles of coat proteins. *Phytopathology* 81:1025-1029.
- Meckenstock, D.H. and G.C. Wall. 1986. Sorghum diseases in Honduras: Their importance and strategies for control. (In Spanish). *Ceiba* 28:101-113.
- Miller, F.R. and R.W. Toler. 1984. Registration of Tx2786 sorghum germplasm. *Crop Sci.* 24:1219.
- Morgan, P.W., E.H. Omer and R.A. Frederiksen. 1994. Benzylaminopurine application reduces stalk rot and can delay leaf senescence in field-grown *Sorghum bicolor*. *PSRSA Quarterly* 21:198-204.
- Morris, S.W., B. Vernooij, S. Titatarn, M. Starrett, S. Thomas, C.C. Wiltse, R.A. Frederiksen, A. Bhandhu-falck, S. Hulbert, and S. Uknes. 1998. Induced resistance responses in maize. *MPMI*. 11:643-657.
- Muriithi, L. M., and L. E. Claffin. 1997. Genetic variation of grain sorghum germplasm for resistance to *Pseudomonas andropogonis*. *Euphytica* 98:129-132.
- Nicholson, R.L., L.G. Butler, and T.N. Asquith. 1987. Glycoproteins from *Colletotricum graminicola* bind polyphenols: implications for survival and virulence of phytopathogenic fungi. *Phytopathology*. 76:1315-1318.

- Nzioki, H.S., L.E. Claffin and B.A. Ramundo. 2000. Evaluation of screening protocols to determine genetic variability of grain sorghum germplasm to *Sporisorium sorghi* under field and greenhouse conditions. *J. Pest Management* 46:91-95.
- Odvody, G.N. and J.B. Mott. 1986. Systemic fungicides used as seed treatments to control systemic sorghum downy mildew. *Fungicide and Nematicide Tests*. Volume 41.
- Odvody, G.N. and D.B. Madden. 1984. Leaf sheath blights of Sorghum bicolor in South Texas caused by *Gloeocercospora sorghi* and *Sclerotium rolfsii*. *Phytopathology* 74:264-268.
- Odvody, G.N. and R.A. Frederiksen. 1984. Use of systemic fungicide metalaxyl and fosetyl-A for control of sorghum downy mildew in corn and sorghum in South Texas. I. Seed treatment. *Plant Dis.* 68:604-607.
- Odvody, G.N. and R.A. Frederiksen. 1984. Use of systemic fungicide metalaxyl and fosetyl-A for control of sorghum downy mildew in corn and sorghum in South Texas. II. Foliar application. *Plant Dis.* 68:608-609.
- Osorio, J.A., and R.A. Frederiksen. 1998. Development of an infection assay for *Sporisorium reilianum*, the head smut pathogen on Sorghum. *Plant Disease* 82:1232-1236.
- Palomar, M.K. and S.G. Jensen. 1985. Relative amounts of maize dwarf mosaic virus in several grasses. *Sorghum Newsletter* 28:101.
- Palomar, M.K. and S.G. Jensen. 1985. Concentration and infectivity of maize dwarf mosaic virus in native great plains grasses. *Phytopathology* 75:965.
- Palomar, M.K., S.G. Jensen and E.M. Ball. 1984. The concentration of maize dwarf virus in sorghum. *Sorghum Newsletter* 27:123.
- Pascholati, S.F., L.G. Butler, and R.L. Nicholson. Phenylalanine ammonia lyase activity and anthocyanin accumulation in wounded maize mesocotyls. *J. Phytopathology*. 115:165-172. (1986).
- Pawar, M.N. R.A. Frederiksen, L.K. Mughogho, and M.R. Bonde. 1985. Survey of virulence in *Peronosclerospora sorghi* isolates from India, Ethiopia, Nigeria, Texas (USA), Honduras, Brazil, and Argentina. *Phytopathology* 75:1374.
- Pazoutova, S., R Bandyopadhyay, D.E. Fredericksen, P.G. Mantle, and RA. Frederiksen. 2000. Relations among sorghum ergot isolates from the Americas, Africa, India and Australia. *Plant Disease* 84:437-442.
- Pearson, C.A.S., J.F. Leslie and F.W. Schwenk. 1987. Utilization of nitrogen sources by *Macrophomina phaseolina*. *Transactions of the British Mycological Society* 88:497-502
- Pearson, C.A.S., J.F. Leslie and F.W. Schwenk. 1987. Host preference in *Macrophomina phaseolina*. *Plant Disease* 71:828-831.
- Pearson, C.A.S., J.F. Leslie and F.W. Schwenk. 1986. Variable chlorate resistance in *Macrophomina phaseolina* from corn, soybean and soil. *Phytopathology* 76:646-649.
- Plattner, R.D., A.E. Desjardins, J.F. Leslie and P.E. Nelson. 1996. Identification and characterization of strains of *Gibberella fujikuroi* mating population A (*Fusarium moniliforme*) with rare fumonisin phenotypes. *Mycologia* 87:416-424.

- Ploetz, R.C., J.L. Haynes, A. Vasquez, J.F. Leslie and A. El-Sattar. 1999. A preliminary study on the causal agent of mango malformation in Egypt. *Phytopathology* 89:s60.
- Presley, D.M., R.G. Henzell, R.S. Greber, D.S. Teakle, and R.W. Toler. 1985. Use of a set of differential sorghum inbred lines to compare isolates of sugarcane mosaic virus from sorghum and maize in nine countries. *Plant Dis.* 69:1046-1049.
- Qhobela, M., J.E. Leach, L.E. Claffin and D.L. Pearson. 1991. Characterization of strains of *Xanthomonas campestris* pv. *holcicola* by polyacrylamide gel electrophoresis of membrane proteins and by restriction endonuclease analyses and restriction fragment length polymorphisms of genomic DNA. *Plant Dis.* 75:32-36.
- Qhobela, Q., L.E. Claffin and D.C. Nowell. 1990. Evidence that *Xanthomonas campestris* pv. *zear* can be distinguished from other pathovars capable of infecting maize by restriction fragment length polymorphism of genomic DNA. *Can. J. Plant Pathol.* 12:183-186.
- Qhobela, M. and L.E. Claffin. 1988. Characterization of *Xanthomonas campestris* pv. *pennamericanum* pv. nov., causal agent of bacterial leaf streak of pearl millet. *Int. J. Syst. Bacteriol.* 38:362-366.
- Raju, N.B. and J.F. Leslie. 1992. Cytology of recessive sexual-phase mutants from wild strains of *Neurospora crassa*. *Genome* 35:816-825.
- Ramadoss, C.S., J. Uhlig, D.M. Carlson, L.G. Butler, and R.L. Nicholson. 1985. Composition of the spore matrix of *Colletotrichum graminicola*. *J. Agric. Food Chem.* 33:728-732.
- Ramundo, B.A. and L.E. Claffin. 1990. Demonstration of synonymy between the plant pathogens *Pseudomonas avenae* and *Pseudomonas rubrilineans*. *J. Gen. Microbiol.* 136:2029-2033.
- Reddy, J.R., L.E. Claffin and B.A. Ramundo. 1991. Systemic colonization of grain sorghum plants by *Xanthomonas campestris* pv. *holcicola*. *Phytopathology* 81:1193.
- Rodriguez-Herrera, R., W.L. Rooney, D.T. Rosenow, and R.A. Frederiksen. 2000. Inheritance of grain mold resistance in grain sorghum without a pigmented testa. *Crop Science* 40:1573-1578.
- Rodriguez, J. Gonzalez-Dominguez, J.P. Krausz, G.N. Odvody, J.P. Wilson, W.W. Hanna, and M. Levy. 1999. First report and epidemics of buffelgrass blight caused by *Pyricularia grisea*. *Plant Disease* 83(4):398.
- Rosewich, U.L., R.E. Petway, B.A. McDonald, R.R. Duncan, and R.A. Frederiksen. 1998. Genetic structure and temporal dynamics of a *Colletotrichum graminicola* population in a sorghum disease nursery. *Phytopathology* 88:1078-1093.
- Saleh, A. A., K. A. Zeller, E. M. El-Assiuty, A.-S. M. Ismael, Z. M. Fahmy & J. F. Leslie. 2003. Amplified fragment length polymorphism (AFLP) diversity in *Cephalosporium maydis* from Egypt. *Phytopathology* **93**: 853-859.
- Saleh, A. A. & J. F. Leslie. 2004. *Cephalosporium maydis* is a distinct species in the *Gaeumannomyces-Harpophora* species complex. *Mycologia* **96**: 1317-1329.
- Schuh, W., J.J. Jeger, and R.A. Frederiksen. 1988. Comparisons of spatial patterns of oospores of *Peronosclerospora sorghi* in the soil and of sorghum plants with systemic downy mildew. *Phytopathology* 78:432-434.
- Schuh, W., M.J. Jeger, and R.A. Frederiksen. 1987. The influence of soil environment on the incidence of sorghum downy mildew: A principal component analysis. *Phytopathology* 77:128-131.

- Schuh, W., M.J. Jeger, and R.A. Frederiksen. 1987. The influence of soil temperature, soil moisture, soil texture, and inoculum density on the incidence of sorghum downy mildew. *Phytopathology* 77:125-128.
- Schuh, W., R.A. Frederiksen, and M.J. Jeger. 1986. Analysis of spatial patterns in sorghum downy mildew with Morisitas index of dispersion. *Phytopathology* 76:446-450.
- Schuh, W. and R.A. Frederiksen. 1985. Spatial distribution of systemic downy mildew, caused by *Peronosclerospora sorghi* in sorghum fields. *Phytopathology* 75:1342.
- Sewram, V., N. Mshicileli, G. S. Shephard, H. F. Vismer, J. P. Rheeder, Y.-W. Lee, J. F. Leslie & W. F. O. Marasas. 2005. Production of fumonisin B and C analogs by several *Fusarium* species. *Journal of Agricultural and Food Chemistry* 53: 4861-4866.
- Shukla, D.D., M. Tomic, J. Jilka, R.E. Ford, R.W. Toler and M.A.C. Langham. 1989. Taxonomy of potyviruses infecting maize, sorghum, and sugarcane in Australia and the United States as determined by reactivities of polyclonal antibodies directed towards virus-specific N-Termini of coat protein. *Phytopathology* 79:223-229.
- Siame, B.A., G. Ejeta and L.G. Butler. 1994. Phenolic composition of tan and red isogenic sorghum genotypes and their reaction to leaf diseases. *Acta Horticulturae* 381, 675-678.
- Siame, B.A., G. Ejeta and L.G. Butler. 1993. Role of Pigments and Tannins in the Reaction of Tan and Red Near-Isogenic Sorghum Lines to Leaf Diseases. *African Crop Sci. J.* 1:123-130.
- Seifert, K. A., T. Aoki, R. P. Baayen, D. Brayford, L. W. Burgess, S. Chulze, W. Gams, D. Geiser, J. de Gruyter, J. F. Leslie, A. Logrieco, W. F. O. Marasas, H. I. Nirenberg, K. O'Donnell, J. P. Rheeder, G. J. Samuels, B. A. Summerell, U. Thrane & C. Waalwijk. 2003. The name *Fusarium moniliforme* should no longer be used. *Mycological Research* 107: 643-644.
- Sifuentes Barrera, J.A. and R.A. Frederiksen. 1994. Evaluation of sorghum hybrid mixtures for controlling sorghum leaf blight. *Plant Dis.* 78:499-503.
- Sifuentes, J., and R.A. Frederiksen. 1988. Inheritance of resistance to pathotypes 1, 2, and 3 of *Peronosclerospora sorghi* in sorghum. *Plant Dis.* 72:332-333.
- Sifuentes, J. and R.A. Frederiksen. 1985. Inheritance of resistance to three pathotypes of *Peronosclerospora sorghi*. *Phytopathology* 75:1310.
- Smith, J. S., J. Fotso, J. F. Leslie, X. Wu, D. van der Velde & R. A. Thakur. 2004. Characterization of bostrycoidin: an analytical analog of zearalenone. *Journal of Food Science* 69: 227-232.
- Snyder, B.A., B. Leite, L.G. Butler, and R.L. Nicholson. 1991. Accumulation of Sorghum Phytoalexins at the Infection Site. *Physiological and Molecular Plant Pathology* 39:436-470.
- Steenkamp, E.T., B.D. Wingfield, T.A. Coutinho, M.J. Wingfield, W.F.O. Marasas and J.F. Leslie. 1999. PCR-based differentiation of *MAT-1* and *MAT-2* from *Gibberella fujikuroi*. *Phytopathology* 89: s75.
- Summerell, B. A., B. Salleh & J. F. Leslie. 2003. A utilitarian approach to *Fusarium* identification. *Plant Disease* 87: 117-128.
- Summerell, B. A., and J. F. Leslie. 2004. Genetic diversity and population structure of plant pathogenic spe-

- cies in the genus *Fusarium*. In: *Plant Microbiology* (M. Gillings & A. Holmes, eds.), pp. 207-223. Bios, Oxford, United Kingdom. 290 pp.
- Szerszen, J.B., R.A. Frederiksen, J. Craig and G.N. Odvody. 1988. Interactions between and among grain sorghum, sorghum downy mildew, and the seed herbicide antidotes concep II, concep, and screen. *Phytopathology* 78:1648-1655.
- Tenkouano, A., F.R. Miller, R.A. Frederiksen, and R.L. Nicholson. 1998. Ontogenetic characteristics of resistance to foliar anthracnose in Sorghum. *African Crop Science Journal* 6:249-258.
- Tenkouano, A. F.R. Miller, R.A. Frederiksen and D.T. Rosenow. 1993. Genetics of nonsenesence and charcoal rot resistance in sorghum. *Theor. and Applied Gen.* 88:644-648.
- Tenkouano, A., F.R. Miller, G.E. Hart, R.A. Frederiksen and R.I. Nicholson. 1993. Phytoalexin assay in juvenile sorghum: An aid to breeding for anthracnose resistance. *Crop Sci.* 33:243-248.
- Tesso, T. T., Tuinstra, M. R., and L. E. Claffin. 2004. Estimation of combining ability for resistance to *Fusarium* stalk rot in grain sorghum. *Crop Science* 44:1195-1199.
- Thomas, M.D., and R.A. Frederiksen. 1995. Dynamics of oval and falcate conidium production of *Colletotrichum graminicola* from sorghum. *Mycologia* 87:87-89.
- Toler, R.W., Bhol Nath, D. Roose and G.M. Kaula. 1989. Occurrence of maize dwarf mosaic virus on sorghum in Zambia. *Plant Dis.* 73:273.
- Toler, R.W. 1985. Maize dwarf mosaic, the most important virus disease of sorghum. *Plant Dis.* 69:1011-1015.
- Velasquez-Valle, R., F. San Martin, G. Odvody, y J. Narro. 1999 (1998). Reporte preliminar sobre especies del genero *Claviceps* asociadas a pastos en algunos estados de Mexico y Texas, EUA. *Revista Mexicana de Fitopatologia* 16(1):42-45.
- Velasquez-Valle, R., J. Narro-Sanchez, R., Mora-Noasco, and G. N. Odvody. 1998. Spread of ergot of sorghum (*Claviceps africana*) in Central Mexico. *Plant Disease* 82:447.
- Wall, G.C., M.J. Jeger and R.A. Frederiksen. 1989. The relationship of yield loss to foliar diseases on sorghum grown by subsistence farmers in southern Honduras. *Tropical Pest Management.* 35:57-61.
- Wall, G.C., L.K. Mughogho, R.A. Frederiksen, and G.N. Odvody. 1987. Foliar disease of Sorghum species caused by *Cerospora fusimaculans*. *Plant Dis.* 71:759-760.
- Woudt, L.P., A. Neuvel, A. Sikkema, W.A.J. de Milliano, C.L. Campbell, and J.F. Leslie. 1995. *Fusarium* from cyclamens. *Phytopathology* 85:1348-1355.
- Wu, X., J. F. Leslie, R. A. Thakur & J. S. Smith. 2003. Preparation of a fusaproliferin standard from the culture of *Fusarium subglutinans* E-1583 by high performance liquid chromatography. *Journal of Food and Agricultural Chemistry* 51: 383-388.
- Xu, J.-R., and J.F. Leslie. 1996. A genetic map of *Fusarium moniliforme* (*Gibberella fujikuroi* mating population A). *Genetics* 143:175-189.

- Xu, J.-R., K. Yan, M.B. Dickman, and J.F. Leslie. 1995. Electrophoretic karyotypes distinguish the biological species of *Gibberella fujikuroi* (*Fusarium* section *Liseola*). *Molecular Plant-Microbe Interactions* 8:74-84.
- Yan, K., M.B. Dickman, J.-R. Xu and J.F. Leslie. 1993. Sensitivity of field strains of *Gibberella fujikuroi* (*Fusarium* section *Liseola*) to benomyl and hygromycin B. *Mycologia* 85:206-213.
- Yao, C.L., C.W. Magill, R.A. Frederiksen, M.R. Bonde, Y. Wang and P.S. Wu. 1991. Detection and identification of *Peronosclerospora sorghi* in maize by DNA hybridization. *Phytopathology* 81:901-905.
- Yao, Cheng-lin, C.W. Magill and R.A. Frederiksen. 1991. Use of an A-T rich DNA clone for identification and detection of *Peronosclerospora sorghi*. *Applied and Environmental Microbiology* 57:2027-2032.
- Yao, C.L., R.A. Frederiksen and C.W. Magill. 1989. Seed transmission of sorghum downy mildew: detection by DNA hybridization. *Seed Sci. & Tech.* 18:201-207.
- Zeller, K. A., R. L. Bowden & J. F. Leslie. 2003. Diversity of epidemic populations of *Gibberella zea* from small quadrats in Kansas and North Dakota. *Phytopathology* 93: 874-880.
- Zeller, K. A., B. A. Summerell, S. Bullock & J. F. Leslie. 2003. *Gibberella konza* (*Fusarium konzum*) sp. nov., a new biological species within the *Gibberella fujikuroi* species complex from prairie grass. *Mycologia* 95: 943-954.
- Zeller, K. A., A.-S. M. Ismael, E. M. El-Assiuty, Z. M. Fahmy, F. M. Bekheet and J. F. Leslie. 2002. Relative aggressiveness of four clonal lineages of *Cephalosporium maydis* from Egypt towards greenhouse-grown maize. *Plant Disease* 86: 373-378.
- Ziv, O., and R.A. Frederiksen. 1987. The effect of film-forming anti-transpirants on leaf rust and powdery mildew incidence on wheat. *Plant Pathology* 36:242-245.
- Ziv, O. and R.A. Frederiksen. 1985. Control of foliar diseases with film-forming anti-transpirants. *Phytopathology* 75:1348.
- Zummo, N. and L.M. Gourley. 1987. Occurrence of Target Spot (*Bipolaris sorghicola*) on sorghum in Mississippi. *Plant Dis.* 71:1045.
- Zummo, N. and D.M. Broadhead. 1984. Sources of resistance to rough leaf spot disease in sweet sorghum. *Plant Dis.* 68:1048-1049.
- Zummo, N. 1984. Diseases of pearl millet: An assessment in consideration of growing the crop in Mississippi. *J. Miss. Academy of Sciences* 29:129-131
- Zvoutete, P., L.E. Claffin, and B.A. Ramundo. 1991. Portal of entry of *Xanthomonas campestris* pv. *holcicola*. *Phytopathology* 81:1193.
- Zvoutete, P., L.E. Claffin and B.A. Ramundo. 1991. Seedborne role and longevity of *Xanthomonas campestris* pv. *holcicola* in grain sorghum. *Phytopathology* 81:1194.

Book, Book Chapters and Proceedings

- Anderson, J.B., L.M. Kohn and J.F. Leslie. 1992. Genetic mechanisms in fungal adaptation. p. 73-98. *In*: G.C. Carroll and D.T. Wicklow, (eds.) *The Fungal Community: Its Organization and Role in the Ecosystem*, 2nd ed. , Marcel Dekker, New York.

- Bandyopadhyay, R., C.R. Little, R.D. Waniska and D.R. Butler. 2002. Sorghum grain mold: Through the 1990s into the new millenium. P. 173-184. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Bandyopadhyay, R., V. Muthusubramanian, P.W. Tooley, S. Chakraborty, S. Pazoutová and S.S. Navi. 2002. Distribution and diversity of the sorghum sugary disease pathogens in India. p. 75-78. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Bandyopadhyay, R. 1999. Geographic distribution and spread of sorghum ergot: Causes and implications. p. 10-19. *In* Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- Bandyopadhyay, R. 1999. Role of ICRISAT in sorghum ergot research. p. 169-177. *In* Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- Bowden, R. L., J.F. Leslie. 1997. Diversity and sexuality in *Gibberella zeae*. *In*: *Fusarium Head Scab: Global Status and Future Prospects* (H. J. Dublin, L. Gilchrist, J. Reeves, and A. McNab, eds.), p. 35-39. CIMMYT, Mexico City, Mexico. 130 p.
- Bowden, R.L. and J.F. Leslie. 1993. A method for crossing *Gibberella zeae*. p. 45. Proc. VIIth International Fusarium Workshop.
- Burgess, L.W., B.A. Summerell, G. Giblet, D. Backhouse, M.L. Blake, J. Smith-White and M. Colville. 2002. The role of sorghum in the overseasoning of *Gibberella zeae*. p. 301-304. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Campbell, C.L. and J.F. Leslie. 1993. Genetic diversity in *Fusarium moniliforme* recovered from maize seed at 12 locations. p. 168. Proc. 6th International Cong. Plant Path.
- Casela, C.R., A.S. Ferreira, F.G. Santos and F.B. Guimaraes. 2002. Sorghum diseases in Brazil. p. 379-382. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Casela, C. R., A.S. Ferreira and N..F.J..A. Pinto. 1999. Sugary disease of sorghum in Brazil: An overview. p. 23-25. *In* Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- Casela, C.R., A.S. Ferreira, K.A. Zeller, and M. Levy. 1995. Pathotype variation in the sorghum anthracnose fungus: A phylogenetic perspective for resistance breeding. p. 257-276. *In* J.F. Leslie and R.A. Frederiksen (eds.) Disease Analysis through Genetics and Biotechnology: Interdisciplinary Bridges to Improved Sorghum and Millet Crops. Iowa State University Press, Ames, IA.
- Casela, C.R. and R.A. Frederiksen. 1991. Pathogenic variation from monoconidial cultures of *Colletotrichum graminicola* originating from single lesions. p. 99. *In* Proc. 17th Biennial Grain Sorg. Res. and Util. Conf. February 17-20, 1991. Lubbock, TX.

- Claffin, L.E. and L.M. Giorda. 2002. Stalk rots of sorghum. p. 185-190. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Claffin, L. E., M. R. Tuinstra, and B. A. Ramundo. 2001. Ergot: A new disease of sorghum in the Western Hemisphere, p. 114-127. *In* Proc. Am Seed Trade Assoc. Mtg., Chicago, IL, December 5-8, 2000.
- Claffin, L.E. 1994. I. Identification of diseases of maize and sorghum. II. Control of bacterial diseases. p. 91-97. *In*. M.T. Castro, (ed.), Seminario Internacional Sobre los Cultivos de Sorgo y Maiz sus Principales Plagas y Enfermedades, Instituto Colombiano Agropecuario (ICA), Tibaitata, Colombia, January 25-30, 1993.
- Claffin, L.E., B.A. Ramundo, J.E. Leach and M. Qhobela. 1992. Bacterial diseases of sorghum. p. 135-151 *In* W.A.J. deMilliano, R.A. Frederickson and G.D. Bengston, (eds.), Sorghum and Millet Diseases: a Second World Review, Patancheru, A.P. 502 324 India, ICRISAT.
- Collins, S.D., P.J. Mehta, W.L. Rooney, D.T. Rosenow, and G.N. Odvody. 2001. New Disease Resistant Converted Sorghum Lines. p. 85-86 in Proceedings of the 22nd Biennial Grain Sorghum Research and Utilization Conference. February 18-20, 2001, Nashville, TN.
- Collins, S.D., R.A. Frederiksen, G.N. Odvody, D.T. Rosenow and F.R. Miller. 1993. Disease Resistant Converted Sorghum Lines. p. 151-156. *In* Proc. 18th Bienn. Grain Sorg. Res. and Utilization Conf. Feb. 28-March 2, 1993. Lubbock, TX.
- Collins, S.D., R.A. Frederiksen and D.T. Rosenow. 1991. Progress of head smut resistant sorghum populations. p. 95-96. *In* Proc. 17th Biennial Grain Sorg. Res. and Util. Conf. February 17-20, 1991. Lubbock, TX.
- Collins, S.D., D.R. Pietsch and R.A. Frederiksen. 1991. Sorghum disease testing program in Texas. p. 95. *In* Proc. 17th Biennial Grain Sorg. Res. and Util. Conf. February 17-20, 1991. Lubbock, TX.
- Craig, J. and G.N. Odvody. 1992. Current status of sorghum downy mildew control. p. 213-217. *In* Proc. Second Global Conference on Sorghum and Millet Diseases. March 7-11, 1988. Harare, Zimbabwe. ICRISAT. India.
- Dahlberg, J.A. 2002. Rapid information dissemination on the world wide web. p. 305-308. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Dahlberg, J.A. 1999. Host plant resistance: Sorghum ergot. p. 149-157. *In* Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- Dahlberg, J.A. 1999. The role of USDA in research on sorghum ergot. p. 180-181. *In* Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- del Almeida Pinto, N.F.J., A. da Silva Ferreira and C.R. Casela. 1999. Chemical control of sugary disease of sorghum (*Claviceps africana*). p. 158-160. *In* Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- de Milliano, W.A.J. 2002. Transition from the second to the third world review of sorghum and millet. p. 3-10.

- In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- deMilliano, W.A.J., R.A. Frederiksen and G.D. Bengston (eds.). 1992. Sorghum and Millets Diseases—A Second World Review. ICRISAT. India.
- Desjardins, A.E., R.D. Plattner and J.F. Leslie. 1993. Genetic analysis of fumonisin biosynthesis and virulence in *Gibberella fujikuroi* mating population A. p. 46. Proc. VIIth International Fusarium Workshop.
- Dolezal, W.E. 1999. United States private sector response. p. 76-78. In Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- Duncan, R.R. and W.A.J. de Milliano. 1995. Plant Disease control in sorghum and pearl millet. p. 35-71. In J.F. Leslie and R.A. Frederiksen (eds.) Disease Analysis through Genetics and Biotechnology: Interdisciplinary Bridges to Improved Sorghum and Millet Crops. Iowa State University Press, Ames, IA.
- El-Assiuty, E.M. and H.A. El-Shafey. 1995. Sorghum diseases in Egypt. p. 93-103. In J.F. Leslie and R.A. Frederiksen (eds.) Disease Analysis through Genetics and Biotechnology: Interdisciplinary Bridges to Improved Sorghum and Millet Crops. Iowa State University Press, Ames, IA.
- Engell, K., B. orgensen, J.D. Moller, E. De Neergaard and E. Wester. 2002. Developmental Stages of Sorghum caryopses with emphasis on the aleurone transfer cell and placental sac. p. 255-258. In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Esele, J.P. 2002. Sorghum and pearl millet diseases in the Horn of Africa. p. 383-388. In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Esele, J.P. 2002. Diseases of finger millet. p. 21-26. In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Esele, J.P. 1995. Grain mold and panicle diseases of sorghum and millet in Uganda. p. 117-125. In J.F. Leslie and R.A. Frederiksen (eds.) Disease Analysis through Genetics and Biotechnology: Interdisciplinary Bridges to Improved Sorghum and Millet Crops. Iowa State University Press, Ames, IA.
- Frederickson, D.E. and G.N. Odvody. 2002. Survival of Inoculum of *Claviceps africana* in Zimbabwe: Potential sources of inoculum. p. 79-82. In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Frederickson, D.E. 1999. The lifecycle, spread and survival of the sorghum ergot pathogens. p. 135-140. In Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- Frederiksen, D., and G. Odvody. 1999. Survival of sorghum ergot, *Claviceps africana*. p. 54. In Proc. of the 21st Biennial Research and Utilization Conference. Tucson, AZ. Feb. 21-24, 1999.
- Frederiksen, R.A., and D.T. Rosenow. 2000. Breeding for disease resistance. p. 64-65. In: Compendium of Sorghum Diseases, Second Edition. APS Press. Ed. R.A. Frederiksen and G.N. Odvody. The American Phytopathological Society, St. Paul, Minnesota. 78 p.

- Frederiksen, R.A. and G. N. Odvody, Editors, Compendium of Sorghum Diseases, Second Edition. 2000. 78 p, APS Press, American Phytopathological Society, St Paul, MN, September 2000.
- Frederiksen, R.A. and J.M. Yohe. 1999. The role of the International Sorghum and Millet Collaborative Research Program on management of *Claviceps africana* in sorghum. p. 178-179. In Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- Frederiksen, R.A. 1995. Contributions from international programs to pathology of sorghum. Proc. 19th Biennial Grain Sorg. Res. and Util. Conf. March 5-7, 1995. Lubbock, TX. 19:100.
- Frederiksen, R.A., M.D. Thomas, R. Bandyopadhyay, and L.K. Mughogho. 1995. Variable pathogens of sorghum. p. 11-23. In J.F. Leslie and R.A. Frederiksen (eds.) Disease Analysis through Genetics and Biotechnology: Interdisciplinary Bridges to Improved Sorghum and Millet Crops. Iowa State University Press, Ames, IA.
- Frederiksen, R.A. 1993. New approaches for evaluation of host resistance to head smut. p. 147-148. In Proc. 18th Biennial Grain Sorg. Res. and Util. Conf. February 28-March 2, 1993. Lubbock, TX.
- Frederiksen, R.A. and R.R. Duncan. 1992. Sorghum diseases in North America. p. 85-88. In W.A.J. deMilliano, R.A. Frederiksen and G.D. Bengston (eds.). Sorghum and Millets Diseases- - A Second World Review. ICRISAT. India.
- Frederiksen, R.A. 1986. Ed. The Sorghum Disease Compendium. Amer. Phytopath. Soc. 82 p. St. Paul, MN.
- Gale, L.R. 2002. A population genetic approach to variation in *Colletotrichum graminicola*, the causal agent of sorghum anthracnose. p. 191-200. In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Giorda, L.M. 2002. Sorghum diseases in Argentina. p. 389-392. In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Giorda, L.M. 2002. Recommendations from the working group for the Americas at the Third Global Conference on Sorghum and Millets Diseases. p. 373-374. In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Giorda, L.M., M.J. Martinez, M. Nassetta, and S. Palacios. 1999. Sorghum ergot in Argentina. p. 79-83. In Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- Giorda, L.M. M.J. Martinez and S. Chulze. 1995. Fusarium stalk rot in Argentina. p. 137-145. In J.F. Leslie and R.A. Frederiksen (eds.) Disease Analysis through Genetics and Biotechnology: Interdisciplinary Bridges to Improved Sorghum and Millet Crops. Iowa State University Press, Ames, IA.
- Giorda, L.M., R.W. Toler and G.N. Odvody. 1992. Sorghum yellow banding virus, a new polyhedral virus on Sorghum spp. p. 290. In Proc. Second Global Conference on Sorghum and Millet Diseases. March 7-11, 1988. Harare, Zimbabwe. ICRISAT. India.
- Hassan, H.A.G., P.G. Mantle and N.W. McLaren. 1999. Putative control of ergot disease epidemics in hybrid sorghum production through the inhibition of secondary sporulation by *Claviceps africana*. p. 141-146. In Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum,

- June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- Hernández-Martínez, L.E. Mendoza-Onofre, P. Ramírez-Vallejo, S. Osada-Kawasoe, E. Cárdenas-Soriano and F. Zavala-García. 2002. Response of sorghum B and R lines to ergot (*Claviceps africana*) at Celaya, Guanajuato, Mexico. p. 79-82. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Hess, D.E. 2002. Recommendations from the African working group at the Third Global Conference on Sorghum and Millets Diseases. p. 375-376. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Hess, D.E., R.P. Thakur, C.T. Hash, P. Sérémé, and C.W. Magill. 2002. Pearl millet downy mildew: Problems and control strategies for a new millennium. p. 37-42. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Indira, S., X. Xu, N. Iamsupasit, H.S. Shetty, N.S. Vasanthi, S.D. Singh and R. Bandyopadhyay. 2002. Diseases of sorghum and pearl millet in Asia. p. 393-402. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Indira, S. 2002. Recommendations from the working group for Asia/Australia at the Third Global Conference on Sorghum and Millets Diseases. p. 377-378. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Isakeit, T., R. Bandyopadhyay, G.N. Odvody, J. Dahlberg, and J. Narro-Sanchez. 1999. Reaction of sorghum hybrids to ergot in South and Central Texas, Puerto Rico and Guanajuato, Mexico. p. 63. *In* Proceedings of the 21st Biennial Research and Utilization Conference, Tucson, AZ, Feb. 21-24, 1999.
- Jensen, S.G. and L.M. Giorda. 2002. Virus diseases of sorghum and millet in the Americas and Australia. p. 403-410. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Julian, A.M., B.J. Peacocke, C. Bock, R.J. Hillocks, P. Wareing, E.J.A. Blakemore, and J.A. Lane. 1995. Current NRI collaborative programs on sorghum pathogens in Africa. p. 291-305. *In* J.F. Leslie and R.A. Frederiksen (eds.) Disease Analysis through Genetics and Biotechnology: Interdisciplinary Bridges to Improved Sorghum and Millet Crops. Iowa State University Press, Ames, IA.
- Kasakova, A.S. and A.A. Oleynick. 2002. The status of sorghum diseases in Russia. p. 411-414. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- King, S.B. and R. Thakur. 1995. Variable pathogens of millets. p. 25-34. *In* J.F. Leslie and R.A. Frederiksen (eds.) Disease Analysis through Genetics and Biotechnology: Interdisciplinary Bridges to Improved Sorghum and Millet Crops. Iowa State University Press, Ames, IA.
- Kollo, I.A. 2002. Plant parasitic nematodes of sorghum and pearl millet: Emphasis on Africa. p. 259-266. Engell, K., B. orgensen, J.D. Moller, E. De Neergaard and E. Wester. 2002. Developmental Stages of Sorghum caryopses with emphasis on the aleurone transfer cell and placental sac. p. 255-258. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.

- Komolong, B., S. Chakraborty, M.J. Ryley and D. Yates. 2002. Four genotypes of *Claviceps* spp. cause sorghum ergot in Australia. p. 87-90. In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Kunene, I.S., G.N. Odvody and R.A. Frederiksen. 1991. Potential of the chytrid *Gaertneriomyces* sp. as a biological control agent of systemic sorghum downy mildew. p. 90-93. In Proc. 17th Biennial Grain Sorg. Res. and Util. Conf. February 17-20, 1991. Lubbock, TX.
- Lenné, J.M. and R. Ortiz. 2002. Agrobiodiversity in pest management. p. 309-320. In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Leslie, J. F. *Molecular Fungal Genetics*; eds. R. P. Oliver & M. Schweizer; Cambridge University Press, New York, 377 pp. Reviewed in *Quarterly Review of Biology* 77(2002): 69-70.
- Leslie, J. F. & W. F. O. Marasas. 2002. Will the real *Fusarium moniliforme* please stand up! In: *Sorghum and Millets Diseases* (J. F. Leslie, ed.), pp. 201-209. Iowa State Press, Ames, Iowa.
- Leslie, J. F., ed. 2002. *Sorghum and Millets Diseases*. Iowa State Press, Ames, Iowa. 504 pp.
- Leslie, J.F. ed. 2002. Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Leslie, J.F. and W.F.O. Marasas. 2002. Will the real “*Fusarium moniliforme*” please stand up. p. 201-210. In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Leslie, J. F. 2001. Population genetic level problems in the *Gibberella fujikuroi* species complex. In: *Fusarium: Paul E. Nelson Memorial Symposium* (B. A. Summerell, J. F. Leslie, D. Backhouse & W. L. Bryden, eds.), p. 113-121. APS Press, St. Paul, Minnesota. 392 p.
- Leslie, J. F. & W. F. O. Marasas. 2001. *Fusarium* in sorghum: Life in interesting times. p. 76-83. Proceedings of the 22nd Sorghum Improvement Conference of North America (Nashville, Tennessee),
- Leslie, J. F. 2000. *Fusarium* species associated with sorghum. In: *Compendium of Sorghum Diseases* (R. A. Frederiksen and G. N. Odvody, eds.), p. 30-31. APS Press, St. Paul, Minnesota. 78 p
- Leslie, J. F. 2000. Storage molds and mycotoxins. In: *Compendium of Sorghum Diseases* (R. A. Frederiksen and G. N. Odvody, eds.), p. 42-43. APS Press, St. Paul, Minnesota. 78 p.
- Leslie, J. F. *Structure and Dynamics of Fungal Populations*; ed. J. J. Worrall; Kluwer Academic Publishers, Norwell, Massachusetts, 348 p. Reviewed in *Mycopathologia* 147(2000): 169-170.
- Leslie, J.F. 1998. Genetics and significance of vegetative compatibility of phytopathogenic fungi. Proc. of the 6th International Mycology Congress (Jerusalem, Israel), p. 89.
- Leslie, J.F. 1998. Finding variation in agriculturally important toxigenic fungi. Proc. of the 1st COST Workshop on Agriculturally Important Toxigenic Fungi (Athens Greece), p. 8.
- Leslie, J.F. 1996. Introductory biology of *Fusarium moniliforme*. Pages 153-164 in *Fumonisin in Food* (L.S. Jackson, J.W. DeVries, and L.B. Bullerman, eds.) Plenum Press, New York.

- Leslie, J.F., and A.S.B. Mansuetus. 1995. Biological species and vegetative compatibility group as population descriptors in *Fusarium*. p. 277-288. In: J.F. Leslie and R.A. Frederiksen (eds.) Disease Analysis through Genetics and Biotechnology: Interdisciplinary Bridges to Improved Sorghum and Millet Crops. Iowa State University Press, Ames, IA.
- Leslie, J.F. and R.A. Frederiksen, eds. 1995. Disease Analysis through Genetics and Biotechnology: Interdisciplinary Bridges to Improved Sorghum and Millet Crops. Iowa State University Press, Ames, Iowa. 355 p.
- Leslie, J.F., and R.A. Frederiksen. 1995. Variable pathogens: a scenario. p. 3-8. In J.F. Leslie and R.A. Frederiksen (eds.) Disease Analysis through Genetics and Biotechnology: Interdisciplinary Bridges to Improved Sorghum and Millet Crops. Iowa State University Press, Ames, IA.
- Leslie, J.F., and R.A. Frederiksen. 1995. Variable pathogens: the changing scenario. p. 341-344. In J.F. Leslie and R.A. Frederiksen (eds.) Disease Analysis through Genetics and Biotechnology: Interdisciplinary Bridges to Improved Sorghum and Millet Crops. Iowa State University Press, Ames, IA.
- Leslie, J.F. 1994. Moderator's report -Ecology and genetics of the Chestnut Blight fungus. p. 171-172. Proc. International Chestnut Conference (Morgantown, West Virginia, 10-14 July 1992),
- Leslie, J.F. 1993. Some mechanisms maintaining genetic variability in fungal populations. p. 247-275. In: S.D. Lyda and C.M. Kenerley, (eds.) *A Phymatotrichum Centennial: Biology of Sclerotial-forming Fungi*. Texas Agricultural Experiment Station, College Station, Texas, 312 p.
- Leslie, J.F. 1993. Vegetative compatibility in *Fusarium moniliforme*. p. 49. Proc. VIIth International Fusarium Workshop.
- Leslie, J.F. 1993. Biological species within *Gibberella fujikuroi* (*Fusarium* section *Liseola*). p. 53. Proc. VIIth International Fusarium Workshop.
- Leslie, J.F. and R.D. Plattner. 1991. Fertility and fumonisin B₁ production by strains of *Fusarium moniliforme* (*Gibberella fujikuroi*). p. 80-84. Proc. 17th Sorghum Improvement Conference of North America (Lubbock, Texas).
- Leslie, J.F. 1990. Genetic exchange within sexual and asexual populations of *Fusarium*. p. 37-48. In: R.C. Ploetz, (ed.) *Fusarium Wilt of Banana* APS Press, St. Paul, Minnesota. 140 p.
- Logrieco, A., A. Bottalico and J.F. Leslie, eds. 1997. *Advances in the Biodiversity of Toxigenic Fusarium Species*. Verlag F. Berger, Horn, Austria. 228 p.
- Malaguti, G. 2002. Current status of sorghum diseases in Venezuela. p. 415-418. In J. Leslie (Ed.). *Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III*, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Malaguti, G. and N. Pons. 1999. Ergot, honeydew or sugary disease of sorghum in Venezuela. p. 88-96. In Carlos Casela and Jeffery A. Dahlberg, (eds.) *Proceedings of Global Conference on Ergot of Sorghum*, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- Mansuetus, A.S.B., G.N. Odvody, R.A. Frederiksen, J.F. Leslie and D.T. Rosenow. 1991. Investigation of the mating groups of *Fusarium* section *Liseola* on sorghum in Texas. p. 265. In Proc. International Sorghum and Millet CRSP Conference. INTSORMIL Pub. 92-1.

- Mansuetus, S.B.A., R.A. Frederiksen, R.D. Waniska, G.N. Odvody, J. Craig and D.T. Rosenow. 1990. Novel mechanisms of resistance to grain mold in sorghum. p. 44. *In Proc. Second Annual Texas Plant Protection Conference*,. December 10-12, 1990. College Station, TX.
- Mantle, P.G. and A. Bogo. 2002. Biosynthesis of bioactive honeydew oligosaccharides by sorghum ergot pathogens. p. 91-94. *In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III*, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Mantle, P.G. 1999. Sorghum Ergot: An overview. p. 3-9. *In Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.*
- Marley, P.S., M. Diourté, A. Neya, S.K. Nutsugah, P. Sérémé, S.O. Katilé, D.E. Hess, D.F. Mbaye and Z. Ngoko. 2002. Sorghum and pearl millet diseases in west and central Africa. p. 419-426. *In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III*, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Mathur, K., R.P. Thakur, A. Neya, P.S. Marley and C.R. Casela. 2002. Sorghum anthracnose - Problem and management strategies. p. 211-220. *In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III*, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- McLaren, N.W., J. Saayman, J. Benade and M. van der Walt. 2002. Evaluation of reduced sorghum seed germination. p. 267-268. *In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III*, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- McLaren, N.W. 2002. Genotype \times Environment effects on the response of sorghum to ergot and repercussions for disease screening. p. 95-103. *In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III*, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- McLaren, N.W. 1999. Host \times Pathogen \times Environment interaction in sorghum ergot disease. p. 122-134. *In Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.*
- Merkle, M.G. and D.T. Rosenow. 2000. Pesticide injury. p. 60. *In: Compendium of Sorghum Diseases, Second Edition. APS Press. Ed. R.A. Frederiksen and G.N. Odvody. The American Phytopathological Society, St. Paul, Minnesota. 78 p.*
- Montes, N., G.N. Odvody and M.M. Silva. 2002. Effect of cold degree units on incidence of *Claviceps africana* in sorghum hybrids. p. 103-104. *In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III*, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Montes, N., G.N. Odvody and H. Williams-Alanis. 2002. Advances in *Claviceps africana* chemical control. p. 105-110, *In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III*, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Montes, N., G.N. Odvody and H. Williams-Alanis. 2002. Relationship between climatic variables and *Claviceps africana* incidence on sorghum hybrids in Northern Mexico. p. 111-112. *In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III*, Sept. 24-29-2000. Iowa State University Press, Ames, IA.

- Moran, J.L., W.L. Rooney, R.A. Frederiksen and G.N. Odvody. 2002. Differences in ergot vulnerability among sorghum genotypes and the relationship between stigma receptivity and ergot vulnerability. p.113-120. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Moran, J. and F. Gomez. 1999. Incidence of ergot in Honduras. p. 84-87. *In* Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- Mtisi, E. and N.W. McLaren. 2002. Diseases of sorghum and pearl millet in some southern African countries. p. 427-430. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Mukuru, S.Z. 1999. The ergot disease of sorghum in Africa. p. 55-58. *In* Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- Munkvold, G. P. and J.F. Leslie. 1999. Fusarium root rot diseases. *In*: *Compendium of Corn Diseases*, 2nd ed (D. White, ed.), p. 13. APS Press, St. Paul, Minnesota. 78 p.
- Muriithi, L.B., L.E. Claffin and B.A. Ramundo. 1995. Reaction of All Disease and Insect Nursery (ADIN) accessions to *Pseudomonas andropogonis*. Proc. 19th Grain Sorghum Res. and Util. Conf. 19:105-107.
- Naidoo, G. and J.H. Torres-Montalvo. 2002. Genetic variability among and within host-specialized isolates of *Sporisorium reilianum*. p. 221-226. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Narayana, Y.D., R. Bandyopadhyay, S.S. Navi and V. Muniyappa. 2002. Sorghum viruses in Asia and Africa. p. 431-440. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Narro-Sánchez, R. Paredes-Melesio, J. Á Quijano-Carranza, R. Velásquez-Valle and J.L. Maya-DeLeón. 2002. Sorghum ergot (*Claviceps africana*) in México. p. 121-123. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Nowell, D.C. and N.W. McLaren. 1999. Experiences with ergot in sorghum in Southern Africa. p. 36-40. *In* Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- Nutsugah, S.K., V. Leth, I.D.K. Atokple and F.K. Tsigbey. 2002. Grain mold fungi from sorghum in Ghana. p. 227-228. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Nutsugah, S.K., I.D.K. Atokple and V.P. Rao. 2002. Identification of resistance to downy mildew and smut of pearl millet in Ghana. p. 43-46. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Odvody, G.N. D.E. Frederickson, T. Isakeit, N. Montes, J.A. Dahlberg and G.L. Peterson. 2002. Quarantine issues arising from contamination of seed with ergot: An update. p. 123-128. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.

- Odvody, G.N., N. Montes, D.E. Frederickson and J. Narro-Sánchez. 2002. Detection of sclerotia of *Claviceps africana* in the Western Hemisphere. p. 129-130. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Odvody, G.N. 2002. Recommendations from the ergot working group at the Third Global Conference on Sorghum and Millets Diseases. p. 73-74. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Odvody, G.N. and T. Isakeit. 1999. Sorghum ergot in the United States — Public sector response. p. 68-75. *In* Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- Odvody, G.N., D.E. Frederickson, T. Isakeit, J.A. Dahlberg and G.L. Peterson. 1999. The role of seedborne inoculum in sorghum ergot. Proceedings of 3rd International Seed Testing Association-PDC, Seed Health Symposium, August 16-19, 1999. Ames, IA. p. 136-140.
- Odvody, G.N., T. Isakeit, N. Montes, J. Narro-Sanchez, and H. Kaufman. 1999. Occurrence of Sorghum Ergot in Texas and Mexico in 1998. p. 62. *In* Proc. of the 21st Biennial Research and Utilization Conference. Tucson, AZ. Feb. 21-24, 1999.
- Odvody, G.N. and R.A. Frederiksen. Ergot awareness. p. 166. *In* D.T. Rosenow et al (eds). Proc. of International Conference on Genetic Improvement of Sorghum and Millet, 23-27 September 1996. Lubbock, Texas.. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 97-5.
- Odvody, G. N. 1997. Spread and Importance of Sorghum Ergot in the Western Hemisphere, P. 64-71. *In* Proceedings of the Conference on Grain Sorghum for the 21st Century: Working Together as an Industry, November 19-20, 1997, Corpus Christi, TX.
- Odvody, G.N. and R.W. Toler. 1993. Sorghum Yellow Banding Virus in South Texas. p. 144-146. *In* Proc. 18th Bienn. Grain Sorghum Research and Utilization Conf. Feb. 28-March 2, 1993. Lubbock, TX.
- Odvody, G.N. 1992. Biotic and abiotic factors associated with seedling diseases of sorghum. p. 161-166. *In* Proc. Second Global Conference on Sorghum and Millet Diseases. March 7-11, 1988. Harare, Zimbabwe. ICRISAT. India.
- Odvody, G.N. and P.R. Hepperly. 1992. Foliar diseases of sorghum. p. 167-177. *In* Proc. Second Global Conference on Sorghum and Millet Diseases. March 7-11, 1988. Harare, Zimbabwe. ICRISAT. India.
- Odvody, G.N. and S.D. Livingston. 1991. Potential for Pre-Harvest Aflatoxin in Sorghum. p. 25 *In*. Proc. 3rd Annual Texas Plant Protection Conference. December 2-4, 1991. College Station, TX.
- Odvody, G.N. and S.D. Livingston. 1991. Potential for preharvest occurrence of aflatoxin in sorghum. p. 88-89. *In* Proc. 17th Biennial Grain Sorghum Research and Utilization Conference. Feb. 17-20, 1991. Lubbock, TX.
- Omer, E.H. and R.A. Frederiksen. 1992. Sorghum smuts. p. 245-252. *In* W.A.J. deMilliano, R.A. Frederiksen and G.D. Bengston (eds.). Sorghum and Millets Diseases- -A Second World Review. ICRISAT. India.
- Ortíz-Pérez, E., F. Zavala-García, J.L. de La Garza, G.E. Salinas and N.E. García. 2002. Factors associated with ergot resistance in sorghum. p. 131-132. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.

- Pacheco, T. 2002. Ergot and its impact on hybrid sorghum seed production in Venezuela. p. 133-134. In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Pazoutová, S. 2002. The genus *Claviceps*: Evolution at work. p. 135-140. In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Pazoutová, S. 1999. DNA comparisons and alkaloid toxicity of the ergot fungi: A contribution to ergot phylogeny. p. 111-121. In Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- PiZero, M.S. 1999. Cereal ergots in Uruguay. p. 97-100. In Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- Porter, J. K., C. W. Bacon, W. P. Norred, E. M. Wray, G. A. Kuldau, A. E. Glenn, & J. F. Leslie. 2002. Mycotoxins from fungal-infected sorghum: *Claviceps* vs. *Fusarium* and the *Striga* connection. In: *Sorghum and Millets Pathology 2000* (J. F. Leslie, ed.), pp. 229-235. Iowa State Press, Ames, Iowa.
- Porter, J.K., C.W. Bacon, W.P. Norred, E.M. Wray, G.A. Kuldau, A.E. Glenn and J.F. Leslie. 2002. Mycotoxins from fungal-infected sorghum: *Claviceps*, *Fusarium* and the *Striga* connection. p. 229-236. In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Porter, J. K., C. W. Bacon, E. M. Wray, G. A. Kuldau and J. F. Leslie. 2000. Fusaric acid (FA), other alkylpyridinecarboxylic acids (APAs), and fumonisin (FB₁) by *Fusarium thapsinum* and *F. moniliforme*: GC/MS analysis, p. 41-47. In: *Mycotoxins and Phycotoxins in Perspective at the Turn of the Millennium* (W. J. de Koe, R. A. Samson, H. P. van Egmond, J. Gilbert, and M. Sabino, eds.). W. J. de Koe, Wageningen, The Netherlands.
- Qhobela, M., L.E. Claffin and D.C. Nowell. 1992. Comparison of techniques useful in the characterization of *Xanthomonas campestris* pv. *zeae*, the causal agent of bacterial leaf streak of maize. p. 136-139. In H.O. Gevers, (ed.). Proc. 9th So. African Maize Breeding Symp., Tech. Comm. No. 232, Dept. Agric. Devel., Rep. So. Africa.
- Reis, E.M. and M.M. Casa Blum. 1999. Integrated management of sugary disease of sorghum — Practical aspects. p. 161-166. In Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- Ribas, P.M. 1999. Strategies for the control of ergot in sorghum seed production in Brazil. p. 26-32. In Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- Rodriguez-Ballesteros, O.R., A.S.B. Mansuetus, R.A. Frederiksen, G.N. Odvody, and D.T. Rosenow. 2002. Free and bound phenolic acids in mature sorghum caryopses as affected by inoculation with *Fusarium thapsinum*. p. 269-272. In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Rooney, W.L., S.D. Collins, R.R. Klein, P.J. Mehta, R.A. Frederiksen and R. Rodriguez-Herrera. 2002. Breed-

- ing sorghum for resistance to anthracnose, grain mold, downy mildew and head smuts. p. 273-280. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Ryley, M.J., D.M. Persley, D.R. Jordan and R.G. Henzell. 2002. Status of sorghum and pearl millet diseases in Australia. p. 441-448. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Ryley, M.J., D.J. Herde, S.A. Bhuiyan, R.G. Henzell and D.R. Jordan. 2002. An overview of the biology of sorghum ergot. p. 141-150. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Ryley, M., B. Blaney and H. Meinke. 1999. Current and future research on sorghum ergot in Australia. p. 59-67. *In* Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- Ryley, M. and Bob Henzell. 1999. Sorghum ergot in Australia. p. 182-190. *In* Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- Salleh, B., S. Nurduati, M.S. Sudjadi, N.C. Tangonan, and S. Chuenchit. 1995. Current status of sorghum cultivation and diseases in Southeast Asia. p. 105-115. *In* J.F. Leslie and R.A. Frederiksen (eds.) Disease Analysis through Genetics and Biotechnology: Interdisciplinary Bridges to Improved Sorghum and Millet Crops. Iowa State University Press, Ames, IA.
- Sangitrao, C.S., S. Indira and R. Bandyopadhyay. 1999. Sorghum ergot in India. p. 41-54. *In* Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- Scheuring, J.F., S.O. Katile and I.A. Kollo. Boosting pearl millet yields with Apron Plus® and Apron Star® seed treatments. p. 47-50. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Stack, J.P. 2002. Recurring and emerging sorghum diseases in North America. p. 449-456. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Summerell, B.A., J.F. Leslie, D. Backhouse, W.L. Bryden and L.W. Burgess, eds. 2001. Fusarium: Paul E. Nelson Memorial Symposium. APS Press, St. Paul MN. 392 p.
- Tenkouano, A., F.R. Miller, R.A. Frederiksen, D.T. Rosenow and J.T. Cothren. 1991. Sugar partitioning and resistance to charcoal rot in sorghum. p. 265. *In* Proc. International Sorghum and Millet CRSP Conference. INTSORMIL Pub. 92-1.
- Tenkouano, A., F.R. Miller, R.A. Frederiksen, D.T. Rosenow and J.T. Cothren. 1991. Nonsenescence and resistance to charcoal rot in sorghum: Genetics and relationships to nonstructural carbohydrates. p. 28. *In* Proc. 17th Biennial Grain Sorg. Res. and Util. Conf. February 17-20, 1991. Lubbock, TX.
- Thakur, R.P., C.W. Magill, S. Sivaramakrishnan, C.T. Hash, H.S. Shetty, and D.E. Hess. 2002. Variability in *Sclerospora graminicola*, the pearl millet downy mildew pathogen. p. 51-56. *In* J. Leslie (Ed.). Proceed-

- ings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Thakur, R.P. and K.N. Rai. 2002. Pearl millet ergot research: Advances and implications. p. 57-64. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Thakur, R. P., R. A. Frederiksen, D. S. Murty, B.V.S. Reddy, R. Bandyopadhyay, L. M. Giorda, G. N. Odvody and L. E. Claffin. 1996. Breeding for disease resistance in sorghum. P. 303-315. *In* Rosenow et al (eds.). Proc. of International conference on Genetic Improvement of Sorghum and Pearl Millet, September 23-27, 1996, Lubbock, TX. University of Nebraska, Lincoln, NE 68583-0748. INTSORMIL. Publication 97-5.
- Thakur, R.P. 1995. Status of international sorghum anthracnose and pearl millet downy mildew virulence nurseries. p. 75-92. *In* J.F. Leslie and R.A. Frederiksen (eds.) Disease Analysis through Genetics and Biotechnology: Interdisciplinary Bridges to Improved Sorghum and Millet Crops. Iowa State University Press, Ames, IA.
- Thomas, M.D. 1995. Sorghum anthracnose research in West Africa: A look at the present and the future. p. 127-136. *In* J.F. Leslie and R.A. Frederiksen (eds.) Disease Analysis through Genetics and Biotechnology: Interdisciplinary Bridges to Improved Sorghum and Millet Crops. Iowa State University Press, Ames, IA.
- Thomas, M.D. and R.A. Frederiksen. 1995. Fertility tests on sorghum isolates of *Colletotrichum graminicola* from western Africa. International Sorghum and Millets Newsletter 36:79.
- Tooley, P.W. and N.R. O'Neill. 2002. Intra-specific variation in *Claviceps africana*. p. 151-156. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Torres-Montalvo, J.H. and N. Montes-Garcia. 1999. Sorghum ergot in Mexico. p. 101-108. *In* Carlos Casela and Jeffery A. Dahlberg, (eds.) Proceedings of Global Conference on Ergot of Sorghum, June 1-8, 1997, EMBRAPA, Sete Lagoas, Brazil. INTSORMIL, University of Nebraska, Lincoln, NE. Publ. 99-1.
- Tuinstra, M.R., T.T. Teferra, L.E. Claffin, R.G. Henzell, A. Borrell, N. Seetharama, G. Ejeta and D.T. Rose-now. 2002. Breeding for resistance to root and stalk rots in sorghum. p. 281-286. *In* J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Tuinstra, M. R., T. Teferra, L. E. Claffin, R. G. Henzell, A. Borrell, N. Seetharma, G. Ejeta and D. T. Rose-now. 2001. Root and Stalk Rot Resistance in Sorghum. Proc. 22nd Biennial Grain Sorghum Research Utilization Conference. Nashville, TN, Feb 18-20, 2001. Pgs 32-34.
- Velasquez-Valle, R., G. N. Odvody, H. Torres-Montalvo, R. A. Frederiksen, and T. Isakeit. 1997. Sorghum Ergot in the U.S. and Mexico p. 6. *In* Proceedings of the 9th Annual Texas Plant Protection Conference, December 9-10, 1997, College Station, TX.
- Wall, G.C., R.A. Frederiksen, J. Craig and M.J. Jeger. 1992. Epidemiology of sorghum diseases in Central America: A case study. p. 303-317. *In* W.A.J. deMilliano, R.A. Frederiksen and G.D. Bengston (eds.). Sorghum and Millets Diseases - -A Second World Review. ICRISAT. India.
- Wall, G.C. and D.H. Meckenstock. 1992. Sorghum diseases in Central America and the Caribbean Basin. p. 67-73. *In* Sorghum and Millets Diseases: A Second World Review. W.A.J. deMilliano, R.A. Frederiksen and G.D. Bengston (eds.). ICRISAT. Patancheru, India.

- Waniska, R.D. and Lloyd W. Rooney. 2002. Sorghum grain quality for increased utilization. In J.F. Leslie (Ed.) Sorghum and Millet Diseases, Iowa State Press. Pp. 327-335.
- Waniska, Ralph D., R.T. Venkatesha, A. Chandrashekar, S. Krishnaveni, F.P. Bejosano, Jeoung Jeoung-Mee, Jayaraj Jayaraman, Subbaratnam Muthukrishnan, and George H. Liang. 2002. Antifungal proteins and other mechanisms in the control of sorghum stalk rot and grain mold. In J.F. Leslie (Ed.) Sorghum and Millet Diseases, Iowa State Press. Pp. 287-297.
- Waniska, R.D., G.A. Forbes, R. Bandyopadhyay, R.A. Frederiksen and L.W. Rooney. 1992. Cereal chemistry and grain mold resistance. p. 265-272. In W.A.J. deMilliano, R.A. Frederiksen and G.D. Bengston (eds.). Sorghum and Millets Diseases: A Second World Review. ICRISAT. Patancheru, India.
- Williams-Alanis, H. 2002. Sorghum and millet diseases in Mexico. p. 457-464. In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Wilson, J.P. 2002. Diseases of pearl millet in the Americas. p. 465-470. In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Wilson, J.P. and R.N. Gates. 2002. The dynamic multi-line population: An alternate approach to durable resistance. p. 65-70. In J. Leslie (Ed.). Proceedings of Global 2000 Sorghum and Pearl Millet Diseases III, Sept. 24-29-2000. Iowa State University Press, Ames, IA.
- Woudt, L.P., A. Sikkema, J.F. Leslie, A. Neuvel, M. deLange, W.A.J. de Milliano and M.Q.J.M. van Grinsven. 1993. Identification of isolates of *Fusarium oxysporum* f. sp. *cyclamenis* by DNA-fingerprinting, vegetative compatibility, and PCR. p. 43. Proc. 6th International Cong. Plant Path.
- Xu, X., L.E. Clafin, B.A. Ramundo, and R.A. Frederiksen. 1995. Evaluation of All Disease and Insect Nursery sorghum germplasm to various diseases in China. Proc. 19th Bien. Grain Sorghum Res. and Util. Conf. 19:108-109.
- Yohe, J.M., and R.A. Frederiksen. 1995. Developing interdisciplinary research in a collaborative context. p. 307-319. In J.F. Leslie and R.A. Frederiksen (eds.) Disease Analysis through Genetics and Biotechnology: Interdisciplinary Bridges to Improved Sorghum and Millet Crops. Iowa State University Press, Ames, IA.

Dissertation and Theses

M.S. Degrees

- Abid, H.S. 1984. Starch gel electrophoretic classification of biotypes and field populations of greenbugs, *Schizaphis graminum*. M.S. thesis. University of Nebraska, Lincoln, NE.
- Alfredo, Manuel M. 1993. The main pathogens found in sorghum seeds in different sowing and harvesting times. M.S. thesis. University Federal de Vicosa, Minas Gerais, Brazil.
- Diourte, M. 1987. Pathogenic variation and morphological studies of *Macrophomina phaseolina*. M.S. thesis. Texas A&M University, College Station, TX.
- Forbes, G. 1984. Seedling disease of sorghum (*Sorghum bicolor* (L.) Moench): epidemiology, etiology and resistance. M.S. thesis. Texas A&M University, College Station, TX.

- Mahuku, George S. 1991. The effect of airgun inoculations on selection for levels of MDMV resistance in breeding populations. M.S. thesis. Texas A&M University, College Station, TX.
- Mansuetus, Anaclat S.B. 1990. The effect of glume and caryopses characteristics of sorghum (*Sorghum bicolor* (L.) Moench) on infection by *Fusarium moniliforme* Sheldon. M.S. thesis. Texas A&M University, College Station, TX.
- Motalaote, B. 1985. Pathogenicity of the lesion nematodes on sorghum. M.S. thesis. Texas A&M University, Texas A&M University, College Station, TX.
- Mtwaenzi, Hamis. 1993. The effectiveness of seed storage safeners on grain sorghum. M.S. thesis. Mississippi State University, Mississippi State, MS.
- Narvaez-Corrales, Dario F. (Colombia). November, 1997. Use of DNA probes for detecting *Xanthomonas campestris* pv. *holcicola*, causal agent of bacterial leaf streak, in grain sorghum (*Sorghum bicolor*). M.S. thesis. Kansas State University, Manhattan.
- Nzioki, Henry S.(Kenya). December, 1997. Inheritance of resistance, epidemiology, and development of isoenzyme and random applied polymorphic DNA (RAPD) techniques for *Sporisorium sorghi*. M.S. thesis. Kansas State University, Manhattan.
- Ogbonnaya, C.A. 1985. Influence of biotype E greenbugs on biochemical properties of sorghum. M.S. thesis. University of Nebraska. Lincoln, NE.
- Sifuentes, J.A.B. 1985. Inheritance of resistance to pathotypes 1, 2, and 3 of *Peronosclerospora sorghi* in *Sorghum bicolor*. M.S. thesis. Texas A&M University, College Station, TX.
- Zvoutete, Peter. 1991. Determining the seed borne facet of bacterial stripe and bacterial streak diseases of pearl millet. M.S. thesis. Kansas State University, Manhattan, KS.

Ph.D. Degrees

- Casela, C.R. 1992. Investigations on the variability of the sorghum anthracnose fungus *Colletotrichum graminicola*. Ph.D. diss. Texas A&M University, College Station, TX.
- Cardwell, K.F. 1989. Variation in virulence of *Colletotrichum graminicola* (Ces.) Wils. and competition between monoconidial isolates. Ph.D. diss. Texas A&M University, College Station, TX.
- Diourte, Mamarou (Mali). August, 1997. Etiology and epidemiology of Pokka Boeng disease of grain sorghum [*Sorghum bicolor* (L.) Moench] in Kansas. Ph.D. diss. Kansas State University, Manhattan. 122 p.
- Esele, J.P. 1991. The genetics of grain mold resistance in sorghum [*Sorghum bicolor* (L.) Moench]. Ph.D. diss. Texas A&M University, College Station, TX.
- Forbes, G. 1986. Characterization of grain mold resistance in *Sorghum bicolor* (L.) Moench. Ph.D. diss. Texas A&M University, College Station, TX.
- Franklin, C.D. 1985. Zonate leaf spot of *Sorghum bicolor* (L.) Moench, resistance screening and factors influencing *Gloeocercospora sorghi* propagule germination. Ph.D. diss. Texas A&M University, College Station, TX.

- Guthrie, P.A.I. 1993. RAPD markers as a system for differentiating among isolates of the anthracnose fungus *Colletotrichum graminicola*. Ph.D. diss. Texas A&M University, College Station, TX
- Kedera, C.J. 1994. Tracking and identification of genetic diversity within populations of *Fusarium* section *Liseola* from maize. Ph.D. diss. Kansas State University, Manhattan, KS.
- Kubicek, Q.B. 1986. Isozyme analysis of *Sporisorium reilianum* populations from sorghum fields in Texas. Ph.D. diss. Texas A&M University, College Station, TX.
- Kunene, I.S. 1991. *Gaertneriomyces* species as a potential biological control agent of sorghum downy mildew. Ph.D. diss. Texas A&M University, College Station, TX.
- Lu, Ming (PRC). October, 1997. Diversity, pathogenicity and potential plant growth ability of *Gibberella fujikuroi* in maize and sorghum. Ph.D. diss. Kansas State University, Manhattan. 107 p.
- Mahuku, George S. 1994. The development and use of polymerase chain reaction-based assays to detect and quantify the fungus *Leptosphaeria maculans*, cause of blackleg of crucifers, in seedlots of oilseed rape. Ph.D. diss. University of Guelph, Guelph Ontario, Canada.
- Mansuetus, A.S.B. 1993. Mating Populations and Vegetative Compatibility Groups Within *Gibberella fujikuroi* (*Fusarium* Section *Liseola*) on Sorghum in Tanzania. Ph.D. diss. Texas A&M University, College Station, TX.
- Muriithi, L. B. (Kenya). April, 1997. Epidemiology of *Pseudomonas andropogonis*, causal agent of bacterial leaf stripe of grain sorghum. Ph.D. diss. Kansas State University, Manhattan. 97 p.
- Naidoo, G. 1992. Identification and differentiation of host-specialized isolates of *Sporisorium reilianum* using molecular markers. Ph.D. diss. Texas A&M University, College Station, TX.
- Qhobela, Molapo. 1990. Characterization of *Xanthomonas campestris* pathovars affecting millet, sorghum and sugar cane. Ph.D. diss. Kansas State University, Manhattan, KS.
- Pawar, M.N. 1986. Pathogenic variability and sexuality in *Peronosclerospora sorghi*, and comparative nuclear cytology of *Peronosclerospora* species. Ph.D. diss. Texas A&M University, College Station, TX.
- Rosewich, U.L. May 1996. The population genetics of *Colletotrichum graminicola* from different ecosystems of sorghum. Ph.D. diss. Texas A&M University, College Station, TX.
- Schuh, Wolf. 1986. Epidemiological aspects of sorghum downy mildew caused by *Peronosclerospora sorghi*. Ph.D. diss. Texas A&M University, College Station, TX.
- Sifuentes, J.A. 1989. Evaluation of sorghum genotype mixtures in controlling sorghum leaf blight. Ph.D. diss. Texas A&M University, College Station, TX.
- Theu, Matthew P. 1991. Host resistance in grain sorghum to sorghum yellow banding virus. Ph.D. diss. Texas A&M University, College Station, TX.
- Wall, G.C. 1986. A study of sorghum diseases in Honduras, their importance under different cropping systems, and strategies for their control. Ph.D. diss. Texas A&M University, College Station, TX.
- Yao, Chenglin. 1991. Classification and detection of *Peronosclerospora* species on the basis of DNA southern hybridization and the polymerase chain reaction. Ph.D. diss. Texas A&M University, College Station, TX.

Miscellaneous Publications

- Alderman, S., D. Frederickson, G. Milbrath, N. Montes, J. Narro-Sanchez, and G. Odvody. 1999. A Laboratory Guide to the Identification of *Claviceps purpurea* and *Claviceps africana* in Grass and Sorghum Seed Samples. 18 p., April 19, 1999. Oregon Department of Agriculture.
- Casela, C., P. Guthrie, R.A. Frederiksen and U. Rosewich. 1992. Anthracnose in the 1990's. Sorghum Newsletter 33:21-21.
- Claffin, L.E., and B.A. Ramundo. 1999. Overwintering survival of *Claviceps africana*, causal agent of ergo disease of grain sorghum. Phytopathology S16.
- Claffin, L.E. 1999. Procaryotic and late wilt diseases of maize. Compendium of Corn Diseases, 3rd ed. D.G. White, editor. APS Press, St. Paul, MN. pp 3-9: 43-44.
- Collins, S.D., C.R. Casela and R.A. Frederiksen. 1992. *Colletotrichum graminicola microsclerotia* on sorghum debris as an over-wintering inoculum source. Sorghum Newsletter 33:25.
- Correll, J.C. and J.F. Leslie. 1987. Genetic diversity in the Panama Disease pathogen *Fusarium oxysporum* f. sp. cubense as determined by vegetative compatibility. Mycological Society of America Newsletter 38(1):22.
- deMilliano, W.A.J., G.N. Odvody, L. Mughogho and G. Kaula. 1991. Possible differences in sorghum downy mildew pathotypes between Southern Africa and the Americas and between sites in Southern Africa. Sorghum Newsletter 32:37.
- deMilliano, W.A.J., G.N. Odvody, G.M. Kaula, E. Mtisi, A.M. Mbwaga, and B. Motalaote. 1990. Foliar disease resistance of improved local sorghum and USA-introduced germplasm in Southern Africa. Sorghum Newsletter 31:92.
- DuTeau, N.M. and J.F. Leslie. 1991 RAPD markers for *Gibberella fujikuroi* (*Fusarium* section *Liseola*). Fungal Genetics Newsletter 38:37.
- DuTeau, N.M. and J.F. Leslie. 1991. A simple, rapid procedure for the isolation of DNA for PCR from *Gibberella fujikuroi* (*Fusarium* section *Liseola*). Fungal Genetics Newsletter 38:72.
- Frederickson, D., G. Odvody, and N. Montes. 1999. El ergot del sorgo, diferenciación de los esclerocios y los esclerocios de *Claviceps africana* en la semilla. L-5315S, 7-99 5 p. Texas Agric. Ext. Svce.
- Frederickson, D. and G. Odvody. 1999. Sorghum Ergot, Distinguishing *Sphacelia* and *Sclerotia* of *Claviceps africana* in Seed. L-5315, 6-99, 5 p. Texas Agric. Ext. Serv.
- Horne, C.W., R.F. Frederiksen, R.W. Toler and J.D. Trampota. 1991. Reaction of commercial corn and sorghum hybrids to certain plant pathogens. Tex. Agri. Ext. Ser. B-1696.
- Howlett, B.J., J.F. Leslie and D.D. Perkins. 1993. Putative multiple alleles at the vegetative (heterokaryon) incompatibility loci *het-c* and *het-8* in *Neurospora crassa*. Fungal Genetics Newsletter 40:40-42.
- Kollo, Issoufou A., and R.A. Frederiksen. 1998. Effect of Sowing Dates on the Incidence of Long Smut (*Tolyposporium ehrenbergii*) on Sorghum. International Sorghum and Millets Newsletter 39:107-109.
- Krausz, J.P., S.D. Collins, R.A. Frederiksen, R.R. Duncan, H.W. Kaufman and G.N. Odvody. 1995. Disease

response of grain sorghum hybrids. Texas Agricultural Extension Service B-6004, 7 p.

- Kunene, I.S., G.N. Odvody and R.A. Frederiksen. 1990. *Gaertneriomyces* sp. as a potential biological control agent of systemic downy mildew infection of sorghum. Sorghum Newsletter 31:82.
- Leslie, J.F., S. Shaw and V.E. Elliott. 1991. Geographic distribution of mating populations from *Gibberella fujikuroi* (*Fusarium* section *Liseola*). Fungal Genetics Newsletter 38:37.
- Leslie, J.F., C.J.R. Klittich and C. Chairisook. 1990. Fertility of isolates from *Fusarium* section *Liseola*. Mycological Society of America Newsletter. 41(1):24.
- Leslie, J.F. 1987. Heterokaryon incompatibility haplotypes on linkage group VIL of *Neurospora crassa*. Mycological Society of America Newsletter 38(1):35.
- Mansuetus, S.B.A., R.A. Frederiksen, R.D. Waniska, G.N. Odvody, J. Craig and D.T. Rosenow. 1990. The effects of glume and caryopses characteristics of sorghum on infection by *Fusarium moniliforme* Sheldon. Sorghum Newsletter 31:100.
- Narvaez, D.F., L.E. Clafin, and B.A. Ramundo. 1998. Diagnosis and genetic variability of *Xanthomonas campestris* pv. *holcicola* determined with DNA probes. Phytopathology S71.
- Nelson, P.E., G.N. Odvody, W.A.J. deMilliano, G. Kaula and B. Motalaote. 1991. *Fusarium* on sorghum and pearl millet grain in Botswana, Zambia, and Zimbabwe. Sorghum Newsletter 32:42.
- Odvody, G., R. Bandyopadhyay, R. Frederiksen, T. Isakeit, D. Frederickson, H. Kaufman, J. Dahlberg, R. Velasquez, and H. Torres. 1998. Sorghum ergot goes global in less than three years. APSNET feature article for June 1998 published online at <http://www.scisoc.org/feature/ergot/top.html>.
- Palma, A., F.R. Miller and R.A. Frederiksen. 1993. Pathogenic variability of the sorghum head smut pathogen. Sorghum Newsletter 34:19.
- Perkins, D.D., J.F. Leslie and D.J. Jacobson. 1993. Strains for identifying and studying individual vegetative (heterokaryon) incompatibility loci in *Neurospora crassa*. Fungal Genetics Newsletter 40:69-73.
- Ramundo, B.A., M.R. Tuinstra, and L.E. Clafin. 1999. Genetic variability of various plant hosts to *claviceps africana*. Phytopathology S. 64.
- Tenkouano, A., F.R. Miller, R.A. Frederiksen and D.T. Rosenow. 1992. Nonsenescence and charcoal rot resistance in sorghum: linkage but not pleiotropy. Sorghum Newsletter 33:32.
- Tenkouano, A., F.R. Miller, R.A. Frederiksen, D.T. Rosenow and J.T. Cothren. 1992. Nonstructural carbohydrates and charcoal rot resistance in sorghum. Sorghum Newsletter 33:33-34.
- Toler, R.W., M.P.K. Theu, G. Odvody and F.R. Miller. 1990. Effect of sorghum yellow banding virus on sorghum x sudangrass hybrids and sudangrass cultivars. TAES MP-1714. 4 p.
- Torres-Montalvo, H., B.A. McDonald, C.W. Magill, and R.A. Frederiksen. Structure of *Sporisorium reilianum* Populations from Mexico, USA, and Niger. International Sorghum and Millets Newsletter 39:110-113.
- Xu, J.-R., and J.F. Leslie. 1996. Strain genotypes of *Gibberella fujikuroi* mating population A (*Fusarium moniliforme*) mapping population. Fungal Genetics Newsletter 43:61-65.

- Xu, J.-R. and J.F. Leslie. 1993. A computer program for constructing classical genetic linkage maps in haploid fungi. *Fungal Genetics Newsletter* 40:80-82.
- Zeller, K.A., J.E. Jurgenson and J.F. Leslie. 1999. AFLP markers reveal genetic variation in Egyptian populations of *Cephalosporium madis*. *Fungal Genetics Newsletter* 46 (Supplement): 94
- Zeller, K.A., J.E. Jurgenson and J.F. Leslie. 1999. Mapping vegetative incompatibility (*vic*) loci in *Gibberella fujikuroi* (*Fusarium moniliforme*). *Fungal Genetics Newsletter* 46 (Supplement): 94
- Zeller, K.A., J.E. Jurgenson, J.F. Lelie, E.M. El-Assiuty and H.A. El-Shafey. 1998. Genetic variation in *Cephalosporium maydis* from Egypt. *Phytopathology* 88:S103.

Misc. Publications

- Little, C. R. and Magill, C. W. (2004) Colonization of Sorghum peduncles by *Fusarium thapsinum* and *Curvularia lunata*: Subsequent pigment accumulation. *International Sorghum and Millets Newsletter* 45: 28-30.

Abstracts

- Arjula, V., and J.F. Leslie. 1996. Construction of “near-isogenic” lines in *Fusarium moniliforme* (*Gibberella fujikuroi* mating population A). *Phytopathology* 86:S103
- Bowden, R. L., J. E. Jurgenson, J.-K. Lee, Y.-W. Lee, S. H. Yun, K. A. Zeller, & J. F. Leslie. 2003. A second generation genetic map of *Gibberella zaeae*. *Fungal Genetics Newsletter* 50(Suppl.): 102.
- Bowden, R. L., J. E. Jurgenson, J.-K. Lee, Y.-W. Lee, S. H. Yun, K. A. Zeller, and J. F. Leslie. 2003. A second generation genetic map of *Gibberella zaeae*. *Fungal Genetics Newsletter* 50(Suppl.): 102.
- Bowden, R.L. and J.F. Leslie. 1993. A method for crossing *Gibberella zaeae*. Proc. VIIth International Fusarium Workshop, p. 45.
- Bowden, R.L. and J.F. Leslie. 1992. Evidence for outcrossing in *Gibberella zaeae* (*Fusarium graminearum*). *Phytopathology* 82:1065.
- Bowden, R.L. and J.F. Leslie. 1991. Vegetative compatibility groups in *Fusarium graminearum* from wheat scab. *Phytopathology* 81:1168.
- Bowden, R. L., J. E. Jurgenson, J.-K. Lee, Y.-W. Lee, S. H. Hun, K. A. Zeller & J. F. Leslie. 2004. A second generation genetic map of *Gibberella zaeae*. *Proceedings of the 15th International Plant Protection Congress*: 355.
- Brooker, N.L., J.F. Leslie and M.B. Dickman. 1990. Nitrate nonutilizing mutants of *Colletotrichum*. *Phytopathology* 80:1057.
- Campbell, C.L. and J.F. Leslie. 1993. Genetic diversity in *Fusarium moniliforme* recovered from maize seed at 12 locations. Proc. 6th Internat. Cong. Plant Path. p. 68.
- Campbell, C.L., J.F. Leslie and R. Farrokhi-Nejad. 1992. Genetic diversity of *Fusarium moniliforme* in seed from two maize cultivars. *Phytopathology* 82:1082.

- Casela, C.R., P.A.I. Guthrie, U.L. Rosewich and R.A. Frederiksen. 1993. Variability in *Colletotrichum graminicola*, causal agent of sorghum anthracnose. Second Intl. Colletotrichum Workshop, July 25-28. Lake Placid, New York.
- Casela, C.R. and R.A. Frederiksen. 1991. Dilatory resistance to *Colletotrichum graminicola* and latent period of anthracnose on sorghum genotypes. Academic Publishers, Dordrecht, the Netherlands and Proc. International Sorghum and Millet CRSP Conference. Corpus Christi, TX. INTSORMIL Pub. 92-1. p. 273.
- Casela, C.R., A.S. Ferreira, R.A. Frederiksen and R.R. Duncan. 1990. Reaction of selected sorghum lines to anthracnose in Brazil. Agron. Abst. p. 178.
- Casela, C.R. and R.A. Frederiksen. 1990. Survival of sclerotia of *Colletotrichum graminicola* in sorghum stalks. Agron. Abst. p. 130.
- Chaisrisook, C. and J.F. Leslie. 1990. Genetic diversity within populations of *Fusarium* section *Liseola* from corn and sorghum in Kansas. Phytopathology 80:1042.
- Correll, J.C. and J.F. Leslie. 1987. Recovery of spontaneous selenate resistant mutants from *Fusarium oxysporum* and *Fusarium moniliforme*. Phytopathology 77:1710.
- Cui, Y., C. Magill, J. Magill, and R. Frederiksen. 1995. Cloning and mapping of chalcone synthase and phenylalanine ammonia-lyase genes in sorghum. Phytopathology 85:1160.
- Cumagun, C. J. R., R. L. Bowden, J. E. Jurgenson, J. F. Leslie & T. Miedaner. 2003. Mapping of quantitative trait loci associated with pathogenicity and aggressiveness of *Gibberella zeae* (*Fusarium graminearum*) causing head blight of wheat. *Phytopathology* 93:S19.
- Darnetty, J.F. Leslie and S. Muthukrishnan. 1990. Antifungal activities from the grains of corn, sorghum and wheat. Phytopathology 80:1055.
- de Serrano, Morales, C. A. B., and L. E. Claffin. 2004. Evaluacion de tolerancia a enfermedades e insectos en viveros ADIN (All Disease and Insect Nursery) en El Salvador. PCCMCA 218 (abstract).
- Desjardins, A.E., R.D. Plattner and J.F. Leslie. 1993. Genetic analysis of fumonisin biosynthesis and virulence in *Gibberella fujikuroi* mating population A. Proc. VIIth International Fusarium Workshop, p. 46.
- Desjardins, A.E., R.D. Plattner, J.F. Leslie and P.E. Nelson. 1991. Genetic analysis of fumonisin biosynthesis in *Fusarium moniliforme* mating population A. Phytopathology 81:1224.
- Dickman, M.B. and J.F. Leslie. 1989. The *nit-2* gene of *Neurospora crassa* has DNA homologues in other filamentous ascomycetes. Fungal Genetics Newsletter 36:7
- Dickman, M.B. and J.F. Leslie. 1989. Regulation of nitrogen metabolism in *Fusarium* by a homologous *Neurospora* gene. Phytopathology 79:1172.
- Diourte, M., L. E. Claffin, and B. A. Ramundo. 1997. Infection and colonization of sorghum plants by two *Fusarium* species involved in the etiology of Pokka Boeng. Phytopathology 87:S24.
- Diourte, M., and L. E. Claffin. 1997. Characterization of *Fusarium* isolates from Kansas and Mali. Phytopathology 87:S24.

- DuTeau, N.M. and J.F. Leslie. 1991. RAPD Markers for *Gibberella fujikuroi* (*Fusarium* section *Liseola*). p. 273. Proc. International Sorghum and Millet CRSP Conference. Corpus Christi, TX. INTSORMIL Pub. 92-1.
- DuTeau, N.M. and J.F. Leslie. 1991. RAPD Markers for *Gibberella fujikuroi* (*Fusarium* section *Liseola*). Fungal Genetics Newsletter 38:37.
- El-Assiuty, E. M., A. M. Ismael, K. A. Zeller and J. F. Leslie. 1999. Relative colonization ability of greenhouse-grown maize by four lineages of *Cephalosporium maydis*. *Phytopathology* 89: s23.
- Farrokhi-Nejad, R. and J.F. Leslie. 1990. Vegetative compatibility group diversity within populations of *Fusarium moniliforme* isolated from corn seed. *Phytopathology* 80:1043.
- Jardine, D.J. and J.F. Leslie. 1997. Aggressiveness to mature maize plants of *Fusarium* strains differing in the ability to produce fumonisins. *Phytopathology* 87:S5.
- Huss, M.J. and J.F. Leslie. 1993. A novel technique for the selection of “near-isogenic” lines using vegetative compatibility differences. Fungal Genetics Newsletter 40A:26
- Huss, M.J. and J.F. Leslie. 1993. Isozyme variation among six different biological species within the *Gibberella fujikuroi* species complex (*Fusarium* section *Liseola*). Fungal Genetics Newsletter 40A:26.
- Jardine, D.J. and J.F. Leslie. 1997. Aggressiveness to mature maize plants of *Fusarium* strains differing in the ability to produce fumonisins. *Phytopathology* 87: s5.
- Jardine, D.J. and J.F. Leslie. 1991. Aggressiveness of isolates of *Gibberella fujikuroi*, mating population “F”, on grain sorghum. *Phytopathology* 81:1236.
- Jardine, D.J. and J.F. Leslie. 1991. Aggressiveness of isolates of *Gibberella fujikuroi*, (*Fusarium* Section *Liseola* on Grain Sorghum. p. 274. Proc. International Sorghum and Millet CRSP Conference. Corpus Christi, TX. INTSORMIL Pub. 92-1.
- Jensen, S.G., P. Lambrecht, G.N. Odvody and A.K. Vidaver. 1991. A leaf spot of pearl millet caused by *Pseudomonas syringae*. *Phytopathology* 71:1193.
- Jeon, J.-J., H. Kim, H.-S. Kim, K. A. Zeller, T. Lee, S.-H. Yun, R. L. Bowden, J. F. Leslie, and Y.-W. Lee. 2003. Genetic diversity of *Fusarium graminearum* from maize in Korea. *Fungal Genetics Newsletter* 50(Suppl.): 142.
- Kedera, C.J., J.F. Leslie and L.E. Claffin. 1992. Systemic infection of corn by *Fusarium moniliforme*. *Phytopathology* 82:1138.
- Kerenyi, Z., J.F. Leslie and L. Hornok. 1998. A PCR-based method for the detection of isolates with a common mating type in seven mating populations of *Gibberella fujikuroi*. Proceedings of the Annual Meeting of the Hungarian Society for Microbiology (Miskolc): p. 65.
- Klein, K.K., J.F. Leslie, and B. Salleh. 1995. Distribution of *Gibberella fujikuroi* by biological species, mating type, and female fertility in a Malaysian maize field. Fungal Genetics Newsletter 42A:71.
- Klittich, C.J.R. and J.F. Leslie. 1988. Unusual isolates of *Fusarium moniliforme* from sorghum in Kansas. *Phytopathology* 78:1519.

- Klittich, C.J.R., J.F. Leslie and J.D. Wilson. 1986. Spontaneous chlorate resistant mutants of *Gibberella fujikuroi* (*Fusarium moniliforme*). *Phytopathology* 76:1142.
- Kunene, I.S., G.N. Odvody and R.A. Frederiksen. 1991. Mechanism of parasitism and identity of the chytrid used for biological control of systemic sorghum downy mildew. p. 275. *In Proc. International Sorghum and Millet CRSP Conference*. Corpus Christi, TX. INTSORMIL Pub. 92-1.
- Kunene, G.N. Odvody and R.A. Frederiksen. 1991. Environmental Conditions Affecting the Efficacy of *Gaertneriomyces* spp. as a Biocontrol Agent of Sorghum Downy Mildew. p. 275. *Proc. International Sorghum and Millet CRSP Conference*. Corpus Christi, TX. INTSORMIL Pub. 92-1.
- Kunene, I.S., G.N. Odvody and R.A. Frederiksen. 1990. *Gaertneriomyces* sp. as a potential biological control agent of systemic downy mildew infection of *Sorghum bicolor*. *Phytopathology* 80:1048.
- Kunene, I.S., G.N. Odvody and R.A. Frederiksen. 1991. Environmental conditions affecting the efficacy of *Gaertneriomyces* spp. as a biological control agent of systemic sorghum downy mildew. p. 275. *In Proc. International Sorghum and Millet CRSP Conference*. Corpus Christi, TX. INTSORMIL Pub. 92-1.
- Landivar, J.A., D.J. Lawlor, D.T. Gardiner, J.H. Benedict, G. Odvody and B.R. Eddleman. 1991. The effects of tillage on soil water storage and productivity of corn, cotton, and sorghum crops. *Agronomy Abstracts*, 1991; Southern Branch Abstracts:8.
- Leslie, J. F., K. A. Zeller, A. Logrieco & A. Moretti. 2001. Species diversity and genetic variation among *Fusarium* isolated from prairie grasses. *Phytopathology* 91: s54.
- Leslie, J.F. 1998. Genetics and significance of vegetative compatibility of phytopathogenic fungi. *Proceedings of the 6th International Mycology Congress* (Jerusalem, Israel): p. 89.
- Leslie, J.F. 1998. Finding variation in agriculturally important toxigenic fungi. *Proceedings of the 1st COST Workshop on Agriculturally Important Toxigenic Fungi* (Athens, Greece): p. 8.
- Leslie, J.F., and K.K. Klein. 1996. Hermaphrodite frequency and the frequency of sexual reproduction in fungal populations. *Inoculum* 47(3):18.
- Leslie, J.F., and K.K. Klein. 1995. Motherhood and the price of sex. *Fungal Genetics Newsletter* 42A:71.
- Leslie, J.F. and C.T. Yamashiro. 1993. The *het-8* locus of *Neurospora crassa*. *Fungal Genetics Newsletter* 40A:26.
- Leslie, J.F. 1993. Vegetative compatibility in *Fusarium moniliforme*. *Proc. VIIth International Fusarium Workshop*, p. 49.
- Leslie, J.F. 1993. Biological species within *Gibberella fujikuroi* (*Fusarium* section *Liseola*). *Proc. VIIth International Fusarium Workshop*, p. 53.
- Leslie, J.F. 1991. Collecting free spores for genetic analysis without violating independence assumptions. *Fungal Genetics Newsletter* 38:52
- Leslie, J.F., S. Shaw and V.E. Elliott. 1991. Geographic distribution of mating populations from *Gibberella fujikuroi* (*Fusarium* section *Liseola*). *Fungal Genetics Newsletter* 38:37.

- Leslie, J.F., S. Shaw and V. Elliott. 1991. Geographic Distribution of Mating Populations from *Gibberella fujikuroi* (*Fusarium* section *Liseola*). p. 275. Proc. International Sorghum and Millet CRSP Conference. Corpus Christi, TX. INTSORMIL Pub. 92-1.
- Leslie, J.F., C.J.R. Klittich and C. Chaisrisook. 1990. Fertility of isolates belonging to *Fusarium* section *Liseola* from corn and sorghum. *Phytopathology* 80:963.
- Leslie, J.F., C.J.R. Klittich and C. Chaisrisook. 1990. Fertility of isolates from *Fusarium* section *Liseola*. *Mycological Society of America Newsletter* 41(1):24.
- Leslie, J.F., C.J.R. Klittich and J.C. Correll. 1988. Genetic exchange between natural isolates of *Fusarium*. *Mycological Society of America Newsletter* 39(1):36.
- Leslie, J.F., F. Hwang and F.J. Doe. 1986. Homothallic and heterothallic isolates of *Fusarium subglutinans*. *Phytopathology* 76:1142
- Leslie, J.F. 1984. A novel method for generating partial genomic duplications. *Neurospora Newsletter* 31:15.
- Leslie, J. F. 2004. Genetics of *Gibberella zaeae*. *Proceedings of the 15th International Plant Protection Congress*: 353.
- Mansuetus, S.B.A., R.A. Frederiksen, R.D. Waniska, G.N. Odvody, J. Craig and D.T. Rosenow. 1991. Investigation of the mating groups of *Fusarium* section *Liseola* on sorghum in Texas. p. 275. *In Proc. International Sorghum and Millet CRSP Conference*. Corpus Christi, TX. INTSORMIL Pub. 92-1.
- Mansuetus, S.B.A., R.A. Frederiksen, R.D. Waniska and G.N. Odvody. 1990. Effect of grain characteristics of sorghum on infection by grain mold. *Agron. Abst.* p. 43.
- Mansuetus, S.B., R.A. Frederiksen, R.D. Waniska, G.N. Odvody and J. Craig. 1990. The effect of glume characteristics of sorghum on infection by *Fusarium moniliforme*. *Agron. Abst.* p. 189.
- Mansuetus, S.B., R.A. Frederiksen, R.D. Waniska, G.N. Odvody and J. Craig. 1990. The role of glumes of sorghum in resistance to grain mold. *Phytopathology* 80:1069.
- Matheussen, A.M., P.W. Morgan and R.A. Frederiksen. 1990. Changes in gibberellin content in sorghum panicles infected with *Sporisorium reilianum* (head smut). *Agron. Abst.* p. 54.
- Mei, W., L.E. Claffin and B.A. Ramundo. 1995. Pathogenicity of various strains in *Fusarium* Section *Liseola* to corn and sorghum. *Phytopathology* 85:1199.
- Melara, C. B., de Serrano, R. F., and L. E. Claffin. 2004. Respuesta de variedades criolla & jeoaradas de sorgo (*Sorghum bicolor*) a la aplicacion de fungicidas 2003. PCCMCA:219 (abstract).
- Muriithi, L.B., L.E. Claffin, and B.A. Ramundo. 1995. Survival of *Pseudomonas andropogonis* in grain sorghum debris. *Phytopathology* 85:1164.
- Naidoo, G., C.W. Magill and R.A. Frederiksen. 1991. Characterization of host specialized isolates of *Sporisorium Reilianum*, using molecular markers. p. 276. Proc. International Sorghum and Millet CRSP Conference. Corpus Christi, TX. INTSORMIL Pub. 92-1.
- Ngoko, Z., R.A. Frederiksen, J. Craig and J.D. Smith. 1990. Characterization of slow rusting components in maize inbreds and single crosses. *Phytopathology*. 80:(A901)

- Odvody, G.N., R.W. Toler, M.P.K. Theu and J.C. Remmers. 1991. Incidence and expression of sorghum yellow banding virus in South Texas. p. 276. *In Proc. International Sorghum and Millet CRSP Conference*. Corpus Christi, TX. INTSORMIL Pub. 92-1.
- Odvody, G.N., N.M. Spencer and J.C. Remmers. 1990. Effect of seed treatment fungicides and herbicide antidotes on seed deterioration of sorghum in South Texas storage environments. *Phytopathology* 80:1060.
- Odvody, G.N., R.W. Toler and J.C. Remmers. 1990. Occurrence and expression of sorghum yellow banding virus in South Texas. *Phytopathology* 80:1027.
- Oh, B.J., G.W. Xu, R.A. Frederiksen and C.W. Magill. 1991. Developing RFLP markers for Sorghum head smut resistance genes. p. 276. *Proc. International Sorghum and Millet CRSP Conference*. Corpus Christi, TX. INTSORMIL Pub. 92-1.
- Owens, C.K., and R.A. Frederiksen. 1995. Detection of sexual compatibilities in *Sporisorium reilianum* by plate matings. *Proc. 19th Biennial Grain Sorg. Res. and Util. Conf. March 5-7, 1995*. Lubbock, TX. 19:110.
- Ploetz, R. C., J. L. Haynes, A. Vazquez, J. F. Leslie & A. El-Sattar. 1999. A preliminary study on the causal agent of mango malformation in Egypt. *Phytopathology* 89: s60.
- Ramundo, B.A. and L.E. Claffin. 1991. *Pseudomonas andropogonis*: A diverse bacterial incitant of leaf stripe in sorghum. p. 277. *Proc. International Sorghum and Millet CRSP Conference*. Corpus Christi, TX. INTSORMIL Pub. 92-1.
- Reddy, J.R., L.E. Claffin and B.A. Ramundo. 1991. Systemic colonization of grain sorghum plants by *Xanthomonas Campestris* pv. *Holcicola*. *Proc. International Sorghum and Millet CRSP Conference*. Corpus Christi, TX. INTSORMIL Pub. 92-1. p. 277.
- Ring, A.S. and G.N. Odvody. 1990. A characterization of fusaria associated with corn, cotton, and sorghum in South Texas. *Phytopathology* 80:1045.
- Rodriguez-Herrera, R., W.W. Rooney, R.D. Waniska, D.T. Rosenow, and R.A. Frederiksen. 1998. Path analysis for grin old resistance in sorghum. *Agron. Abst.* p. 80.
- Saleh, A. A., and J. F. Leslie. 2003. Molecular phylogenetic analysis indicates *Cephalosporium maydis* is a distinct taxon in the *Gaeumannomyces-Phialophora* species complex. *Fungal Genetics Newsletter* 50(Suppl.): 142.
- Saleh, A. A., and J. F. Leslie. 2003. Biological species in the *Gibberella fujikuroi* species complex (*Fusarium* section *Liseola*) recovered from maize and sorghum in Egypt. *Fungal Genetics Newsletter* 50(Suppl.): 142.
- Saleh, A. A., & J. F. Leslie. 2004. Biological species in the *Gibberella fujikuroi* species complex (*Fusarium* section *Liseola*) recovered from maize and sorghum in Egypt. *Proceedings of the 15th International Plant Protection Congress*: 369.
- Shaw, S.F., V. Elliott and J.F. Leslie. 1993. Genetic diversity in *Gibberella fujikuroi* (*Fusarium* Section *Liseola*) from bananas. *Fungal Genetics Newsletter* 40A:25.
- Shaw, S.F., V. Elliott, I.M. Mansour and J.F. Leslie. 1993. Genetic diversity in *Fusarium* Section *Liseola* from mangoes. *Fungal Genetics Newsletter* 40A:25.

- Vargas, J. I., R. L. Bowden, K. A. Zeller and J. F. Leslie. 2001. Comparisons of North and South American populations of *Gibberella zeae*. *Phytopathology* 91: s91.
- Wiltse, C.C., W.L. Rooney, R.A. Frederiksen, and D.T. Rosenow. 1997. Survey of anthracnose resistance sorghum germplasm lines to identify additional resistance genes. *Agron. Abst.* p. 72.
- Woudt, L.P., A. Neuvel, A. Sikkema, W.A.J. de Milliano, C.L. Campbell, and J.F. Leslie. 1995. *Fusarium oxysporum* from cyclamens. *Fungal Genetics Newsletter* 42A:94.
- Woudt, L.P., A. Sikkema, J.F. Leslie, A. Neuvel, M. de Lange, W.A.J. de Milliano and M.Q.J.M. van Grinsven. 1993. Identification of isolates of *Fusarium oxysporum* f. sp. *cyclamenis* by DNA-fingerprinting, vegetative compatibility, and PCR. *Proc. 6th International Cong. Plant Path.*, p. 43.
- Xu, X., L.E. Claffin, B.A. Ramundo and D.J. Jardine. 1995. Optimizing production for *Ramulispora sorghi*. *Phytopathology* 85:1169.
- Xu, J.-R. and J.F. Leslie. 1993. RFLP map and electrophoretic karyotype of *Gibberella fujikuroi* (*Fusarium moniliforme*). *Fungal Genetics Newsletter* 40A:25
- Xu, J.-R., K. Yan, M.B. Dickman and J.F. Leslie. 1993. Variability of electrophoretic karyotypes of six biological species within the *Gibberella fujikuroi* species complex (*Fusarium* Section *Liseola*). *Fungal Genetics Newsletter* 40A:25.
- Xu, J.-R. and J.F. Leslie. 1992. Electrophoretic karyotypes of *Gibberella fujikuroi* mating populations A-F. *Phytopathology* 82:1150.
- Yao, Cheng-Lin, C.W. Magill, R.A. Frederiksen and M.R. Bonde. 1991. Application of Cloned DNA Fragments to Differentiate and Detect *Peronosclerospora* Species. p. 277. *Proc. International Sorghum and Millet CRSP Conference. Corpus Christi, TX. INTSORMIL Pub.* 92-1.
- Zeller, K. A., J. I. Vargas, G. Valdovinos-Ponce, J. F. Leslie, & R. L. Bowden. 2003. Population genetic differentiation and lineage composition among *Gibberella zeae* in North and South America. *Fungal Genetics Newsletter* 50(Suppl.): 143
- Zeller, K. A., J. E. Jurgenson, and J. F. Leslie. 2001. Simultaneous mapping of multiple *vic* loci in *Gibberella fujikuroi* Mating Population A (*Fusarium verticillioides*). *Phytopathology* 91: s99.
- Zeller, K. A., E. M. El-Assiuty and J. F. Leslie. 2000. Relative colonization ability of maize by four lineages of *Cephalosporium maydis* from Egypt. *Inoculum* 51(3): 69.
- Zeller, K. A., J. E. Jurgenson and J. F. Leslie. 1999. Mapping vegetative incompatibility (*vic*) loci in *Gibberella fujikuroi* (*Fusarium moniliforme*). *Fungal Genetics Newsletter* 46(Supplement): 94.
- Zeller, K.A., J.J. Jurgenson, J.F. Leslie, E.M. El-Assiuty and H.A. El-Shafey. 1998. Genetic variation in *Cephalosporium maydis* from Egypt. *Phytopathology* 88:S103.
- Zeller, K. A., M. A. Wohler, L. V. Gunn, S. Bullock, B. A. Summerell, and J. F. Leslie. 2003. Interfertility and marker segregation in hybrid crosses of *Gibberella fujikuroi* and *Gibberella intermedia*. *Fungal Genetics Newsletter* 50(Suppl.): 144.
- Zeller, K. A. & J. F. Leslie. 2003. When species concepts collide. *Phytopathology* 93:S93.
- Zeller, K. A., J. I. Vargas, G. Valdovinos-Ponce, J. F. Leslie & R. L. Bowden. 2003. Population genetic dif-

ferentiation and lineage composition among *Gibberella zeae* in North and South America. *Fungal Genetics Newsletter* **50**(Suppl.): 143.

Zeller, K. A., M. A. Wohler, L. V. Gunn, S. Bullock, B. A. Summerell & J. F. Leslie. 2003. Interfertility and marker segregation in hybrid crosses of *Gibberella fujikuroi* and *Gibberella intermedia*. *Fungal Genetics Newsletter* **50**(Suppl.): 144.

Zeller, K.A. and J.F. Leslie. 1997. *Fusarium moniliforme* (*Gibberella fujikuroi*) mutants with altered vegetative compatibility phenotypes. *Fungal Genetics Newsletter* 44A:114.

Zeller, K.A., and J.F. Leslie. 1996. Some mutants that overcome vegetative incompatibility in *Fusarium moniliforme* (*Gibberella fujikuroi* mating population A). *Phytopathology* 86:S32.

Zvoutete, P., L.E. Claffin and B.A. Ramundo. 1991. Portal of entry of *Xanthomonas Campestris* pv. *Holcicola* into grain sorghum plants. p. 277. Proc. International Sorghum and Millet CRSP Conference. Corpus Christi, TX. INTSORMIL Pub. 92-1.

Zvoutete, P., L.E. Claffin and B.A. Ramundo. 1991. Seedborne role and longevity of *Xanthomonas Campestris* pv. *Holcicola* in grain sorghum. p. 278. Proc. International Sorghum and Millet CRSP Conference. Corpus Christi, TX. INTSORMIL Pub. 92-1.