

JOHN C. INGUAGIATO

Department of Plant Science and
Landscape Architecture
University of Connecticut
1376 Storrs Rd. Unit 4067
Storrs, CT 06269

phone: 860.486.0162
email: john.inguagiato@uconn.edu
web: www.uconn.edu/turf/inguagiato.shtml

PROFESSIONAL EXPERIENCE

Assistant Professor of Turfgrass Pathology, University of Connecticut, August 2010 – Present

- Conduct applied turfgrass pathology research to improve disease management in fine turf systems.
- Director of the UCONN Turfgrass Disease Diagnostic Center.
- Administer an extension and outreach program to assist turfgrass managers, with particular attention to disease concerns of New England stakeholders.
- Teach Introductory Plant Science in the Ratcliffe Hicks School of Agriculture.

Assistant Professor in Residence, University of Connecticut. August 2009 – August 2010

Post-Doctoral Fellow, University of Connecticut. January 2009 – August 2009

Graduate Research Assistant, Rutgers University. July 2003 – December 2008

Intern, The Medallion Club. Westerville, Ohio. 2002

Intern, Blacklick Woods Metro Golf Course. Reynoldsburg, Ohio. 2000 & 2001

Intern, Belmont Country Club. Perrysburg, Ohio. 1999

EDUCATION

Rutgers, the State University of New Jersey

- Doctor of Philosophy, Plant Biology. 2009
- Dissertation title: Anthracnose severity influenced by cultural management of annual bluegrass putting green turf.

The Ohio State University

- Bachelor of Science, Agriculture. Turfgrass Science. 2003
- Bachelor of Science, Natural Resources. Parks, Recreation, Tourism Administration. 2003

PUBLICATIONS

Refereed Journal Articles

- Inguagiato, J.C.**, Murphy, J.A., and Clarke, B.B. 2010. Anthracnose development on annual bluegrass affected by seedhead and vegetative growth regulation. Online. Applied Turfgrass Sci. doi:10.1094/ATS-2010-0923-01-RS
- Inguagiato, J.C.**, Murphy, J.A., and Clarke, B.B. 2009. Anthracnose disease and annual bluegrass putting green performance affected by mowing and lightweight rolling. Crop Sci. 49:1454-1462.
- Inguagiato, J.C.**, Murphy, J.A., and Clarke, B.B. 2009. Anthracnose of annual bluegrass putting green turf influenced by trinexapac-ethyl application interval and rate. Int. Turfgrass Soc. Res. J. 11:207-218.
- Crouch, J., **Inguagiato, J.C.**, 2009. First report of anthracnose disease of ornamental feather reed grass (*Calamagrostis x acutifolia* 'Karl Foerster') caused by *Colletotrichum cereale*. Plant Dis. 93:203.
- Inguagiato, J.C.**, Murphy, J.A., and Clarke, B.B. 2008. Anthracnose severity on annual bluegrass influenced by nitrogen fertilization, growth regulators, and verticutting. Crop Sci. 48:1595-1607.
- Inguagiato, J.C.**, Murphy, J.A., and Clarke, B.B. 2010. Evaluation of sand topdressing rate and frequency effects on anthracnose severity of an annual bluegrass putting green. *In preparation*.
- Inguagiato, J.C.**, Murphy, J.A., and Clarke, B.B. 2010. Topdressing incorporation and sand shape effects on anthracnose severity of annual bluegrass putting green turf. *In preparation*.

Non-Refereed Journal Articles

- Murphy, J., Wong, F., Tredway, L., Crouch, J.A., **Inguagiato, J.**, Clarke, B., Hsiang, T., and Rossi, F. 2010. Best management practices for anthracnose on annual bluegrass turf. Green is Beautiful, Winter. 22-33.
- Crouch, J.A., **Inguagiato, J.C.**, 2009. Disease updates: First report of anthracnose disease of ornamental feather reed grass caused by *Colletotrichum cereale*. Golf Course Manage. 77(12):88.
- Inguagiato, J.C.**, Murphy, J.A., and Clarke, B.B. 2009. Mowing and rolling strategies to manage anthracnose on annual bluegrass greens. Golf Course Manage. 77(5):111-116.
- Murphy, J., Wong, F., Tredway, L., Crouch, J., **Inguagiato, J.**, Clarke, B., Hsiang, T., and Rossi, F. 2008. Best management practices for anthracnose on annual bluegrass turf. Golf Course Manage. 76(8):93-104.
- Murphy, J., Wong, F., Tredway, L., Crouch, J., **Inguagiato, J.**, Clarke, B., Hsiang, T., and Rossi, F. 2008. Best management practices for anthracnose on annual bluegrass turf. USGA Turfgrass Environ. Res. Online. 7(17):1-15.
- Murphy, J., Wong, F., Tredway, L., Crouch, J., **Inguagiato, J.**, Clarke, B., Hsiang, T., and Rossi, F. 2008. Best management practices for combating anthracnose. Australian Turfgrass Manage. J. 10(6):44-46, 48-50.
- Murphy, J.A., **Inguagiato, J.C.**, Clarke, B.B., Park, B.S., Lawson, T.J. 2007. Cultural management of anthracnose disease on annual bluegrass. USGA Green Section Record 45(6):8-13.
- Inguagiato, J.C.**, Murphy, J.A., and Clarke, B.B. 2007. Rutgers anthracnose project. The Newsletter of the Golf Course Superintendents Association of New England. April. 1-2, 5-6.
- Inguagiato, J.C.**, Murphy, J.A., and Clarke, B.B. 2007. Developing best management practices for anthracnose control on annual bluegrass putting greens: Summarizing four years of field research. GreenerSide. 31:6-8, 10, 12, 14-15.

Inguagiato, J.C., Murphy, J.A., and Clarke, B.B. 2005. Effect of mowing and rolling on anthracnose and ball-roll distance on *Poa annua* greens. *Golf Course Manage.* 73(5):114.

Inguagiato, J.C., Murphy, J.A., and Clarke, B.B. 2005. Impact of nitrogen, PGRs, and verticutting on anthracnose severity. *Golf Course Manage.* 73(3):119.

EXTRAMURAL FUNDING

New England Regional Turfgrass Foundation. 2010 to 2011: \$18,473. Improving nitrogen management for anthracnose using a field technique to determine foliar nitrate-N. **Inguagiato, J.C.** and Guillard, K.

Industry support. 2009: \$17,900. Turfgrass pathology research. **Inguagiato, J.C.**

NE-1025 Multistate Regional Hatch Project. 2009 – 2010: \$13,799. Biology, ecology, and management of emerging pests of annual bluegrass on golf courses. **Inguagiato, J.C.** and Guillard, K.

United States Golf Association. 2008 – 2010: \$90,000. Development of best management practices for anthracnose disease on annual bluegrass putting green turf. Murphy, J.A., **Inguagiato, J.C.**, Roberts, J.A., and Clarke, B.B.

Golf Course Superintendents Association of America and New Jersey Golf Course Superintendents Association. 2007 – 2008: \$30,000. Management practices effects on anthracnose severity of annual bluegrass putting green turf. **Inguagiato, J.C.**, Murphy, J.A., Roberts, J.A., and Clarke, B.B.

United States Golf Association. 2006 – 2007: \$60,000. Evaluating management practices for influence on anthracnose severity of annual bluegrass putting green turf. **Inguagiato, J.C.**, Murphy, J.A., and Clarke, B.B.

Golf Course Superintendents Association of America and New Jersey Golf Course Superintendents Association. 2005 – 2006: \$30,000. Assessment of mowing and rolling practices on anthracnose severity and ball roll distance of annual bluegrass putting green turf. **Inguagiato, J.C.**, Murphy, J.A., and Clarke, B.B.

TECHNICAL REPORTS AND PROCEEDINGS

Inguagiato, J.C., R. Blake, D. Lessard, J. Machnicki, K. Knox and J.E. Kaminski. 2010. Carrier volume effects on fungicide efficacy influencing take-all patch control on bentgrass putting green turf 2009. p. 29-30. *In* Guillard, K. (ed.) 2009 Annual Turfgrass Research Report. Univ. of Connecticut, Storrs.

Inguagiato, J.C., R. Blake, D. Lessard, J. Machnicki, K. Knox and J.E. Kaminski. 2010. Post-application irrigation effect on fungicide efficacy influencing take-all patch control on bentgrass putting green turf 2009. p. 27-28. *In* Guillard, K. (ed.) 2009 Annual Turfgrass Research Report. Univ. of Connecticut, Storrs.

Inguagiato, J.C., R. Blake, D. Lessard, J. Machnicki, K. Knox and J.E. Kaminski. 2010. Rate response and comparison of phosphonate materials on algae development in putting green turf 2009. p. 25-26. *In* Guillard, K. (ed.) 2009 Annual Turfgrass Research Report. Univ. of Connecticut, Storrs.

Inguagiato, J.C., R. Blake, D. Lessard, J. Machnicki, K. Knox and J.E. Kaminski. 2010. Comparison of phosphonate materials to conventional fungicides for algae control in putting green turf 2009. p. 23-24. *In* Guillard, K. (ed.) 2009 Annual Turfgrass Research Report. Univ. of Connecticut, Storrs.

Inguagiato, J.C., R. Blake, D. Lessard, J. Machnicki, K. Knox and J.E. Kaminski. 2010. Nitrogen source and phosphorous rate effects on algae development in putting green turf 2009. p. 22. *In* Guillard, K. (ed.) 2009 Annual Turfgrass Research Report. Univ. of Connecticut, Storrs.

- Inguagiato, J.C.**, R. Blake, D. Lessard, J. Machnicki, K. Knox and J.E. Kaminski. 2010. Preventive dollar spot control in fairway turf with various fungicides June – September 2009. p. 18-21. *In* Guillard, K. (ed.) 2009 Annual Turfgrass Research Report. Univ. of Connecticut, Storrs.
- Inguagiato, J.C.**, R. Blake, D. Lessard, J. Machnicki, K. Knox and J.E. Kaminski. 2010. Preventive brown patch control in fairway turf with various fungicides July – September 2009. p. 15-17. *In* Guillard, K. (ed.) 2009 Annual Turfgrass Research Report. Univ. of Connecticut, Storrs.
- Inguagiato, J.C.**, R. Blake, D. Lessard, J. Machnicki, K. Knox and J.E. Kaminski. 2010. Curative brown patch control in fairway turf with various fungicides July – September 2009. p. 11-14. *In* Guillard, K. (ed.) 2009 Annual Turfgrass Research Report. Univ. of Connecticut, Storrs.
- Inguagiato, J.C.**, R. Blake, and J.E. Kaminski. 2010. Preventive anthracnose control in putting green turf with various fungicides June – September 2009. p. 8-10. *In* Guillard, K. (ed.) 2009 Annual Turfgrass Research Report. Univ. of Connecticut, Storrs.
- Murphy, J.A., Clarke, B.B., **Inguagiato, J.C.** Roberts, J. 2008. Evaluation of N fertilization effects on anthracnose disease on annual bluegrass. Proceedings of the Seventeenth Annual Rutgers Turfgrass Symposium. p. 14-20.
- Inguagiato, J.C.**, Roberts, J.A., Murphy, J.A. and Clarke, B.B. 2008. Determination of sand topdressing rate and frequency effects on anthracnose severity of an annual bluegrass putting green. Proceedings of the Seventeenth Annual Rutgers Turfgrass Symposium. p. 44-46.
- Roberts, J.A., **Inguagiato, J.C.**, B.B. Clarke. and Murphy, J.A. 2008. Irrigation management affects anthracnose disease of annual bluegrass putting green turf. Proceedings of the Seventeenth Annual Rutgers Turfgrass Symposium. p. 54.
- Murphy, J.A., Clarke, B.B., **Inguagiato, J.C.** and Roberts, J.A. 2008. Evaluation of N fertilization effects on anthracnose disease on annual bluegrass. Proceedings of the Seventeenth Annual Rutgers Turfgrass Symposium. p. 14-20.
- Clarke, B.B., Murphy, J.A. and **Inguagiato, J.C.** 2007. Evaluating management practices for influence on anthracnose severity of annual bluegrass putting green turf. 2007 Turfgrass and Environmental Research Summary. p. 6.
- Clarke, B.B., Majumdar, P.R., Jepsen, L., **Inguagiato, J.C.**, Flynn, T., Pitonak, A., Fitzgerald, D., Peacos, M., Scholz, A., Lawson, T.J. and Roberts, J.A. 2007. Impact of chemical and biological fungicides for the preventive control of anthracnose on an annual bluegrass green. 2007 Rutgers Turfgrass Proceedings. 38:255-262.
- Inguagiato, J.C.**, Murphy, J.A. and Clarke, B.B. 2007. Developing of best management practices for anthracnose control on annual bluegrass putting greens: summarizing four years of field research. Proceedings of the Sixteenth Annual Rutgers Turfgrass Symposium. p. 26-29.
- Inguagiato, J.C.**, Murphy, J.A. and Clarke, B.B. 2007. Effect of chemical growth regulation strategies on anthracnose severity of annual bluegrass putting green turf. Proceedings of the Sixteenth Annual Rutgers Turfgrass Symposium. p. 43.
- Murphy, J.A., Lawson, T.J., Samaranayake, H. and **Inguagiato, J.** 2007. Cultural management of velvet bentgrass. Proceedings of the Sixteenth Annual Rutgers Turfgrass Symposium. p. 48.
- Clarke, B.B., Murphy, J.A. and **Inguagiato, J.C.** 2006. Evaluating management practices for influence on anthracnose severity of annual bluegrass putting green turf. 2006 Turfgrass and Environmental Research Summary. p. 10.

- Clarke, B.B., Majumdar, P.R., Scholz, A., Peacos, M., Matlack, A., Jepsen, L., Fitzgerald, D., Camuso, S., **Inguagiato**, J.C. and Lawson, T.J. 2006. Influence of fungicides and biorational products on the development of anthracnose basal rot on an annual bluegrass green. 2006 Rutgers Turfgrass Proceedings. 38:199-207.
- Clarke, B.B., Majumdar, P.R., Jepsen, L., Peacos, M., Matlack, A., Scholz, A., Fitzgerald, D., Camuso, S., **Inguagiato**, J.C., and Lawson, T.J. 2006. Efficacy of fungicides and biorational products for the control of dollar spot on a creeping bentgrass fairway. 2006 Rutgers Turfgrass Proceedings. 38:209-222.
- Clarke, B.B., Majumdar, P.R., Fitzgerald, D., Peacos, M., Matlack, A., Scholz, A., Jepsen, L., Camuso, S., **Inguagiato**, J.C. and Lawson, T.J. 2006. Efficacy of fungicides and biorational products for the control of dollar spot on a creeping bentgrass green. 2006 Rutgers Turfgrass Proceedings. 38:223-242.
- Clarke, B.B., Majumdar, P.R., Matlack, A., Peacos, M., Scholz, A., Fitzgerald, D., Jepsen, L., Camuso, S., **Inguagiato**, J.C. and Lawson, T.J. 2006. Control of brown patch on colonial bentgrass with selected fungicides. 2006 Rutgers Turfgrass Proceedings. 38:243-249.
- Clarke, B.B., Majumdar, P.R., Fitzgerald, D., Peacos, M., Matlack, A., Scholz, A., Jepsen, L., Camuso, S., **Inguagiato**, J.C. and Lawson, T.J. 2006. Efficacy of fungicides and biorational products for the control of Pythium blight on perennial ryegrass. 2006 Rutgers Turfgrass Proceedings. 38:251-255.
- Clarke, B.B., Majumdar, P.R., Jepsen, L., Peacos, M., Matlack, A., Scholz, A., Fitzgerald, D., Camuso, S., **Inguagiato**, J.C. and Lawson, T.J. 2006. Impact of chemical and biological fungicides for the control of gray leaf spot in perennial ryegrass. 2006 Rutgers Turfgrass Proceedings. 38:257-261.
- Murphy, J.A., Lawson, T.J., Samaranayake, H. and **Inguagiato**, J. 2006. Cultural management of newer velvet bentgrass cultivars. Proceedings of the Fifteenth Annual Rutgers Turfgrass Symposium. p. 16-17.
- Inguagiato, J.C.**, Murphy, J.A., Lawson, T.J., Park, B.S. and Clarke, B.B. 2005. Anthracnose on annual bluegrass affected by nitrogen, plant growth regulators and verticutting. Proceedings of the Fourteenth Annual Rutgers Turfgrass Symposium, p. 26-27.
- Clarke, B.B.; Majumdar, P.R. Fitzgerald, D., Peacos, M., Goldberg, P., Gaugler, K., Jepsen, L. and **Inguagiato**, J.C. 2005. Management of anthracnose basal rot on an annual bluegrass green with selected fungicides. 2005 Rutgers Turfgrass Proceedings. 37:193-199.
- Clarke, B.B.; Majumdar, P.R. Fitzgerald, D., Peacos, M., Goldberg, P., Gaugler, K., Jepsen, L. and **Inguagiato**, J.C. 2005. Efficacy of fungicides and biorational products for the control of dollar spot on a creeping bentgrass fairway. 2005 Rutgers Turfgrass Proceedings. 37:201-210.
- Clarke, B.B.; Majumdar, P.R. Fitzgerald, D., Peacos, M., Goldberg, P., Gaugler, K., Jepsen, L. and **Inguagiato**, J.C. 2005. Efficacy of fungicides and biorational products for the control of dollar spot on a creeping bentgrass green. 2005 Rutgers Turfgrass Proceedings. 37:211-224.
- Clarke, B.B.; Majumdar, P.R. Fitzgerald, D., Peacos, M., Goldberg, P., Gaugler, K., Jepsen, L. and **Inguagiato**, J.C. 2005. Impact of fungicides and biorational products for the control of Pythium blight on perennial ryegrass. 2005 Rutgers Turfgrass Proceedings. 37:225-228.
- Inguagiato, J.C.**, Murphy, J.A. and Clarke, B.B. 2005. Development of best management practices for controlling anthracnose and maintenance of ball roll distance. Proceedings of the Fourteenth Annual Rutgers Turfgrass Symposium, p. 43-44.
- Inguagiato, J.C.**, Murphy, J.A., Lawson, T.J., Park, B.S., Crouch, J.A. and Clarke, B.B. 2004. Anthracnose as influenced by nitrogen, growth regulators, pre-emergence herbicides, and verticutting. Proceedings of the Thirteenth Annual Rutgers Turfgrass Symposium, p. 46-47.

- Crouch, J.A., Weibel, E.N., **Inguagiato, J.C.**, Majumdar, P.R., Peacos, M., Towers, G.W., Green, K., Lee, P., Goldberg, P., Zebrowski, C. and Clarke, B.B. 2003. Suppression of anthracnose on an annual bluegrass putting green with selected fungicides, nitrogen, plant growth regulators, and herbicides. 2003 Rutgers Turfgrass Proceedings. 35:183-192.
- Weibel, E.N., Majumdar, P.R., Goldberg, P., Green, K., Lee, P., Zebrowski, C., **Inguagiato, J.C.** and Clarke, B.B. 2003. Efficacy of granular and sprayable formulations of fungicides for the control of brown patch on tall fescue. 2003 Rutgers Turfgrass Proceedings. 35:221-223.
- Weibel, E.N., Majumdar, P.R., Green, K., Lee, P., Goldberg, P., Peacos, M., Zebrowski, C., **Inguagiato, J.C.** and Clarke, B.B. 2003. Preventive control of brown patch in colonial bentgrass with chemical fungicides and biorational products. 2003 Rutgers Turfgrass Proceedings. 35:225-232.
- Weibel, E.N., Majumdar, P.R., Green, K., Lee, P., Peacos, M., Goldberg, P., Zebrowski, C., **Inguagiato, J.C.** and Clarke, B.B. 2003. Efficacy of selected fungicides for the control of dollar spot on creeping bentgrass. 2003 Rutgers Turfgrass Proceedings. 35:233-242.
- Weibel, E.N., Majumdar, P.R., Green, K., Peacos, M., Lee, P., Goldberg, P., Zebrowski, C., **Inguagiato, J.C.** and Clarke, B.B. 2003. Efficacy of biological and chemical fungicides for the control of dollar spot in creeping bentgrass. 2003 Rutgers Turfgrass Proceedings. 35:243-248.

ABSTRACTS

- Roberts, J.A., **Inguagiato, J.C.**, Murphy, J.A. and Clarke, B.B. 2009. Influence of irrigation quantity on anthracnose severity of annual bluegrass. *Phytopathology*. June Supplement. 99(6): S195.
- Roberts, J.A., **Inguagiato, J.C.**, Clarke, B.B., Murphy, J.A. 2009. Sand topdressing and foot traffic effect on anthracnose severity of annual bluegrass putting green turf. ASA-CSSA-SSSA Annual Meeting 2009, Pittsburg, PA.
- Inguagiato, J.C.**, Murphy, J.A., Clarke, B.B. and Roberts, J.A. 2008. Topdressing incorporation and sand shape effects on anthracnose severity of annual bluegrass. ASA-CSSA-SSSA Annual Meeting 2008, Houston, TX.
- Roberts, J.A., **Inguagiato, J.C.**, Murphy, J.A. and Clarke, B.B. 2008. Influence of irrigation management on anthracnose severity of annual bluegrass. ASA-CSSA-SSSA Annual Meeting 2008, Houston, TX.
- Inguagiato, J.C.**, Murphy, J.A. and Clarke, B.B. 2007. Evaluation of sand topdressing rate and frequency effects on anthracnose severity of an annual bluegrass putting green. ASA-CSSA-SSSA Annual Meeting 2007, New Orleans, LA.
- Clarke, B.B., Murphy, J.A. and **Inguagiato, J.C.** 2006. Evaluating management practices for influence on anthracnose severity of annual bluegrass putting green turf. 2006 Turfgrass and Environmental Research Summary. p. 10.
- Inguagiato, J.C.**, Murphy, J.A. and Clarke, B.B. 2006. Effect of chemical growth regulation strategies on anthracnose severity of annual bluegrass putting green turf. ASA-CSSA-SSSA Annual Meeting 2006, Indianapolis, Indiana.
- Murphy, J.A., Lawson, T.J., Samaranayake, H. and **Inguagiato, J.** 2006. Cultural management of velvet bentgrass. ASA-CSSA-SSSA Annual Meeting 2006, Indianapolis, Indiana.
- Inguagiato, J.C.**, Murphy, J.A. and Clarke, B.B. 2006. Development of best management practices for controlling anthracnose and maintenance of ball roll distance. Proceedings of the Fifteenth Annual Rutgers Turfgrass Symposium. p. 38.

- Inguagiato, J.C.**, Murphy, J.A. and Clarke, B.B. 2006. Effect of chemical growth regulation strategies on anthracnose severity of annual bluegrass putting green turf. ASA-CSSA-SSSA Annual Meeting 2006, Indianapolis, Indiana.
- Inguagiato, J.C.**, Murphy, J.A. and Clarke, B.B. 2005. Assessment of mowing and rolling practices on anthracnose severity and ball roll distance on an annual bluegrass putting green. ASA-CSSA-SSSA Annual Meeting 2005, Salt Lake City, Utah.
- Inguagiato, J.C.**, Murphy, J.A. and Clarke, B.B. 2005. Effect of mowing and rolling practices on anthracnose severity of an annual bluegrass putting green. NED-APS 65th Annual Meeting.
- Inguagiato, J.C.**, Murphy, J.A., Lawson, T.J., Park, B.S. and Clarke, B.B. 2004. Impact of nitrogen, plant growth regulators, and verticutting on anthracnose of an annual bluegrass putting green. ASA-CSSA-SSSA Annual Meeting 2004, Seattle, Washington.

SCIENTIFIC PRESENTATIONS

- Anthracnose of annual bluegrass putting green turf influenced by trinexapac-ethyl application interval and rate. International Turfgrass Research Conference, July 2009.
- Topdressing incorporation and sand shape effects on anthracnose severity of annual bluegrass. ASA-CSSA-SSSA Annual Meeting, October 2008.
- Evaluation of sand topdressing rate and frequency effects on anthracnose severity of an annual bluegrass putting green. ASA-CSSA-SSSA Annual Meeting, November 2007.
- Developing best management practices for anthracnose control on annual bluegrass putting greens: summarizing four years of field research. Sixteenth Annual Rutgers Turfgrass Symposium. January 2007.
- Effect of chemical growth regulation strategies on anthracnose severity of annual bluegrass putting green turf. [poster]. ASA-CSSA-SSSA Annual Meeting 2006.
- Assessment of mowing and rolling practices on anthracnose severity and ball roll distance of an annual bluegrass putting green. ASA-CSSA-SSSA Annual Meeting, November 2005.
- Effect of mowing and rolling practices on anthracnose severity of an annual bluegrass green. NED-APS 65th Annual Meeting. October 2005.
- Anthracnose on annual bluegrass effected by nitrogen, plant growth regulators, and verticutting. Fourteenth Annual Rutgers Turfgrass Symposium, January 2005.
- Influence of nitrogen, plant growth regulators, and verticutting on anthracnose of an annual bluegrass green. ASA-CSSA-SSSA Annual Meeting, November 2004.
- Anthracnose as influenced by nitrogen, growth regulators, pre-emergence herbicides, and verticutting. UCATS Turfgrass Disease Seminar. Bayer Environmental Science. March 2004.
- Anthracnose as influenced by nitrogen, growth regulators, pre-emergence herbicides, and verticutting. NED-APS 63rd Annual Meeting. October 2003.

EXTENSION PRESENTATIONS

In-State Presentations

- Turf diseases of 2009: Causes and controls. The Chas. C. Hart Seed Co. Winter Turf Talk. Hartford, CT. 40 attendees. February 2010.
- Nitrogen management for turfgrass disease in home and commercial landscapes. Connecticut Groundskeepers Association Turf, Landscape & Irrigation Conference. Uncasville, CT. 85 attendees. January 2010.
- Turfgrass diseases: Identification and management in home and commercial landscapes. Connecticut Groundskeepers Association Turf, Landscape & Irrigation Conference. Uncasville, CT. 60 attendees. January 2010.
- Research update. Connecticut Golf Course Superintendents Association Winter Seminar. Berlin, CT. 200 attendees. January 2010.
- Understanding and controlling autumn diseases of turfgrass. Connecticut Groundskeepers Association Fall Seminar. West Hartford, CT. 30 attendees. September 2009.
- Cultural practices to reduce summer patch and gray leaf spot severity in sports turf. Connecticut Department of Environmental Protection Organic Sports Field Management Workshop. Storrs, CT. 30 attendees. June 2009.
- Managing anthracnose with cultural practices. TurfLinks Connecticut Turfgrass Seminar. Farmington, CT. 50 attendees. March 2009.
- Implications of sand topdressing and irrigation practices on anthracnose of annual bluegrass putting greens. New Jersey Turfgrass Expo, December 2007.
- Influence of management practices on anthracnose of annual bluegrass greens. Rutgers Golf and Fine Turf Field Day, July 2007.
- Best management practices for control of anthracnose on annual bluegrass. Rutgers Golf and Fine Turf Field Day, July 2006.
- Cultural management of *Poa annua* for control of anthracnose. Rutgers Golf and Fine Turf Field Day, July 2005.
- Anthracnose Update: Mowing and rolling practices on anthracnose and ball roll distance. New Jersey Turfgrass Expo, December 2005.
- Gaining a competitive edge in controlling anthracnose. Union County Extension. Cook College, March 2005.
- Influence of cultural practices on anthracnose severity of poa/bent putting greens. New Jersey Turfgrass Expo, December 2004.
- Effect of mowing and rolling on performance of *Poa annua* greens. Rutgers Golf and Fine Turf Field Day, July 2004.

Out of State Presentations

- Application strategies to improve fungicide efficacy for take-all patch. New England Regional Turfgrass Conference. Providence, RI. 150 attendees. March 2010.
- Application strategies to improve fungicide control of take-all patch. Metropolitan Golf Course Superintendents Association Winter Education Seminar. Westchester, NY. 200 attendees. January 2010.

Managing winter patch diseases in the transition zone. Tennessee Turfgrass Association Conference and Show. Franklin, TN. 150 attendees. January 2010.

Management strategies for anthracnose. Tennessee Turfgrass Association Conference and Show. Franklin, TN. 100 attendees. January 2010.

Impact of sand topdressing on anthracnose disease severity. New England Golf Course Superintendents Association January Symposium. Albany, NY. 100 attendees. January 2010.

Developing best management practices for anthracnose control on annual bluegrass putting greens. Finger Lakes Golf Course Superintendents Association March Education Meeting. Rochester, NY. 100 attendees. March 2009.

Anthracnose disease management with PGRs. Northeastern Weed Science Society Turfgrass Symposium. Philadelphia, PA. 50 attendees. January 2008.

Management of anthracnose disease on annual bluegrass putting green turf. Empire State Green Industry Show. Rochester, NY. 200 attendees. November 2007.

Assessment of mowing and rolling practices on anthracnose severity and ball roll distance of annual bluegrass putting green turf. Golf Course Superintendents Association of America Education Conference and Golf Industry Show. Anaheim, CA. 50 attendees. February 2007.

TEACHING EXPERIENCE

Introduction to Plant Science (SAPL 120). Univ. of Connecticut. Course Instructor. Autumn, since 2009.

Advanced Turfgrass (TURF 240). State Univ. of New York, Delhi. Guest Lecturer. *Anthracnose severity influenced by cultural management of annual bluegrass putting green turf.* Spring 2010.

Topics on Turfgrass Pathology (PLNTSOIL 597M). Univ. of Massachusetts-Amherst. Guest Lecturer. *Anthracnose severity influenced by cultural management of annual bluegrass putting green turf.* Spring 2009 & 2010.

Independent Study: Turf Bowl Preparation (PLCS 3999). Univ. of Connecticut. Course Co-Instructor. Autumn 2009.

Turfgrass Pests and Their Control (TURF 3800/SAPL 800). Univ. of Connecticut. Guest Lecturer. Taught principles of turfgrass disease diagnostics and basic microscopy skills. Autumn 2009.

Turfgrass Pest Science (11:770:408). Rutgers Univ. Laboratory Assistant. Taught basic microscopy skills, helped students identify turfgrass pathogens and diseases. Spring 2005 & 2007.

Plant Pathology (OHT204). Mercer Community College. Guest Lecturer. *Overview of turfgrass diseases.* Autumn 2007.

General Plant Pathology (11:770:301). Rutgers Univ. Teaching Assistant. Graded exams and quizzes. Autumn 2006.

Regional Concerns Seminar. Rutgers Professional Golf Course Management Two Year Certificate Program. Guest Lecturer. Discussed turfgrass management issues from various regions of the United States. Autumn 2003 & 2005.

Turfgrass Disease Management. Rutgers Landscape Management Certificate Program. Guest Lecturer. *Cultural and biological control of turfgrass diseases*. Spring 2005.

AFFILIATIONS

- American Phytopathological Society
- Northeast Division of American Phytopathological Society
- Crop Science Society of America
- Golf Course Superintendents Association of America

AWARDS AND HONORS

- Rutgers Turfgrass Alumni Association Academic Merit Scholarship, 2008
- First Place, Graduate Student Oral Presentation Competition in Turfgrass Management, ASA-CSSA-SSSA National Meeting 2008
- First Place, Graduate Student Oral Presentation Competition in Turfgrass Management, ASA-CSSA-SSSA National Meeting 2007
- Henry Indyk Graduate Fellowship, 2007—awarded each year to the top graduate student in the Rutgers Turfgrass Program
- Wilbur M. Runk Scholarship, 2007—presented to a graduate student from Rutgers Cooperative Extension for excellence in research and outreach
- United States Golf Association Green Section Internship, 2007
- Ralph Geiger Academic Merit Scholarship, 2006
- New Jersey Turfgrass Science Academic Merit Scholarship, 2005
- Center for Turfgrass Science Academic Merit Scholarship, 2005
- King's Supermarket—Bildner Family Scholarship, 2005 & 2006
- First Place, Graduate Student Oral Presentation Competition, NED-APS Annual Meeting 2005
- Outstanding Oral Presentation, C-5 Industry Committee Graduate Student Award, ASA-CSSA-SSSA National Meeting 2004
- Bayer Environmental Science Academic Merit Scholarship, 2004
- Peter Selmer Loft Academic Merit Scholarship, 2003 & 2008
- New York Farmers Scholarship, 2003 & 2004
- Glen B. Hudson Scholarship, 2002
- Dean's List (OSU): 2003, 2002, 2001 (spring), 1998 (winter)