

MARCO SCHIAVON

Fort Lauderdale Research and Education Center
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EDUCATION

Bachelor Degree, 2005, Major: Agriculture and Agricultural Technology
University of Padua, Padova, Italy
GPA 110/110 Suma Cum Laude
Thesis: Metabolism of Polyphenols in Partially Dehydrated Grapes

Masters of Science, 2008, Major: Agriculture and Agricultural Technology
University of Padua, Padova, Italy
GPA 110/110 Suma Cum Laude
Thesis: Seasonal Changes in Stolon Quantity and Sugar Content in *Cynodon dactylon* (L.) Pers.

Doctor of Philosophy 2013 Major: Agronomy
New Mexico State University, Las Cruces, NM
GPA: 3.885
Dissertation: Turfgrass establishment and maintenance under deficit irrigation and saline soil conditions

Primary Research Interests

1. Developing water conservation strategies for turf yet sustaining grasses at an acceptable quality
2. Irrigation with saline water and investigating plants' salt tolerance
3. Feasibility of subsurface irrigation for turf areas
4. Study the effect of wetting agents and plant growth regulators for drought management
5. Investigate drought effects on turfgrass physiology
6. Turfgrass disease and weed management by testing new and existing pesticides for the golf and landscape industry

WORK EXPERIENCE

Assistant Professor University of Florida, Fort Lauderdale Research and Education Center (Nov 2019-)

Assistant Researcher University of California Riverside (Jan 2017-Nov 2019)
Currently in charge of the water conservation program for turfgrass areas at UCR; mentor of graduate students research. Extension duties includes presenting research and teaching courses at scientific and educational meeting, presenting at the UCR Turfgrass and Landscape Research Field Day, secure funding for water conservation research .

Postdoc researcher University of California Riverside (2013-2016)

Duties include supervising, data collection and analysis for several studies [Turfgrass Water Conservation Alliance studies, subsurface irrigation study, salinity management studies, linear gradient irrigation study, localized dry spot study, annual bluegrass control studies, enhance plant health through application of strobilurines studies, rapid and southern blight control studies], conducted at the UCR turfgrass research station, Coachella Valley, and Northern California.

Teaching assistant New Mexico State University Fall Semester 2011

Research assistant New Mexico State University (2009 – 2012)

Duties include maintenance and data collection and analysis [NTEP trials, turfgrass demonstration plots, subsurface irrigation studies].

Assistant librarian Università degli Studi di Padova Biblioteca “Pietro Arduino” (2004-2005) main librarian helper, assisting costumers and students in finding books, providing information about publications, manuscripts etc.

Swim teacher Piscina Comunale di Treviso Societa’ “Natatorium” (2005-2006)

Lifeguard Piscina Comunale di Treviso Societa’ “Natatorium” (2002-2008)

INTERNSHIPS, SCHOLARSHIPS, AND AWARDS

2000-2001 American Field Services Student for 6 months at Iquique English College, Iquique, Chile

2006 Awarded Erasmus Scholarship, 6 months internship at Universidad de Cordoba, Cordoba, Spain

2007 Awarded TAPAC Scholarship, 3 months internship at Auburn University, Auburn, AL, USA

2008 Internship at New Mexico State University 6 months

2009 Southwest Turfgrass Association, Directors’ scholarship

2010 Southwest Turfgrass Association, Directors’ scholarship

2010 Rosie and Arden Baltensperger Scholarship

2010 Graduate students poster competition at the Crop Science Society's annual meetings in Long Beach, CA, 3rd place in C05 (Turfgrass) Division

2011 New Mexico State University’s Graduate Research and Art Symposium, 1st place

2011 ASHS travel grant

2012 Lucile Graham Endorsement Scholarship recipient

2012 Southwest Turfgrass Association, Directors’ scholarship

PUBLICATIONS AND REPORTS

Peer reviewed

Orlinski, P. M., Petelewicz, P., **Schiavon, M.**, Mundo-Ocampo, M., Becker, J. O., & Baird, J. H. Pacific shoot-gall disease control in annual bluegrass putting greens using a new formulation of abamectin. *International Turfgrass Society Research Journal*. Accepted for publication

Schiavon, M., Petelewicz, P., Orlinski, P. M., & Baird, J. H. Effects of Fungicides on Creeping Bentgrass Health and Rooting Characteristics Under Abiotic Stress. *International Turfgrass Society Research Journal*. Accepted for publication

- Xiang, M., **Schiavon, M.**, Orlinski, P., Forconi, A., & Baird, J. H. Identification of wetting agents for water conservation on deficit-irrigated hybrid bermudagrass fairways. *Agronomy Journal*. Accepted for publication
- Schiavon, M.**, Pornaro, C., & Macolino, S., Clipping return decreases mineral N requirements for bermudagrass lawns in Mediterranean Europe. *Crop Science*. Accepted for publication. doi:10.1002/csc2.20265
- Schiavon, M.**, Macolino, S., & Pornaro, C. (2021). Response of Twenty Tall Fescue (*Schedonorus arundinaceus* (Schreb.) Dumort.) Cultivars to Low Mowing Height. *Agronomy*, *11*(5), 943.
- Schiavon, M.**, Pornaro, C., & Macolino, S. (2021). Tall Fescue (*Schedonorus arundinaceus* (Schreb.) Dumort.) Turfgrass Cultivars Performance under Reduced N Fertilization. *Agronomy*, *11*(2), 193.
- Petelewicz, P., Orliński, P. M., **Schiavon, M.**, Mundo-Ocampo, M., Becker, J. O., & Baird, J. H. (2020). Fluopyram Controls Shoot-galling Caused by Pacific Shoot-gall Nematode and Improves Turf Quality in Annual Bluegrass Putting Greens. *HortTechnology*, *30*(6), 709-718.
- Serena, M., Velasco-Cruz, C., Friell, J., **Schiavon, M.**, Sevostianova, E., Beck, L., Sallenave, R. and Leinauer, B. (2020), Irrigation scheduling technologies reduce water use and maintain turfgrass quality. *Agronomy Journal*, *112*(5), 3456-3469. doi:10.1002/agj2.20246
- Schiavon, M.**, Mock, T., Stowell, L.J. and Baird, J. (2020), Management practices for optimal Kikuyugrass quality and playing conditions. *Agronomy Journal*, *112*(5), 3402-3410. Manuscript. doi:10.1002/agj2.20198
- Serena, M, **Schiavon, M.**, Sallenave, R, Leinauer, B. 2020. Drought avoidance of warm-season turfgrasses affected by irrigation system, soil surfactant revolution, and plant growth regulator trinexapac-ethyl. *Crop Sci.* 60: 485– 498. doi.org/10.1002/csc2.20063
- Schiavon, M.**, P. Orlinski, P. Petelewicz, M. Pudzianowska, and J. H. Baird. 2019. Effects of Trinexapac-Ethyl, Surfactant, and Nitrogen Fertilization on Bermudagrass Water Use. *Agron. J.* 111:3057-3066. doi:10.2134/agronj2019.03.0225
- Pouzoulet J., E. Scudiero, **M. Schiavon**, L.S. Santiago, and P.E. Rolshausen. 2019. Modeling of Xylem Vessel Occlusion in Grapevine, *Tree Phys.* <https://doi.org/10.1093/treephys/tpz036>
- M. Schiavon**, and J.H. Baird. 2018. Evaluation of products to alleviate irrigation salinity on bermudagrass turf. *Agron. J.* 110:2136–2141. doi: 10.2134/agronj2018.01.0064
- Serena, M., **M. Schiavon**, R. Sallenave, and B Leinauer. 2018. Nitrogen fertilization of warm-season turfgrasses irrigated from varying irrigation systems. 2. Carbohydrate and protein content. *J. Agro. Crop Sci.* 204:265–273. doi: 10.1111/jac.12256
- Serena, M., **M. Schiavon**, R. Sallenave, and B Leinauer. 2018. Nitrogen fertilization of warm-season turfgrasses irrigated from varying irrigation systems. 1. Quality, spring green-up and fall colour retention. *J. Agro. Crop Sci.* 204:252–264. doi: 10.1111/jac.12254
- Pouzoulet J., E. Scudiero, **M. Schiavon**, and P.E. Rolshausen. 2017. Xylem vessel diameter affects the compartmentalization of the vascular pathogen *Phaeomonium chlamydospora* in grapevine. *Front. Plant Sci.* 8:1442. doi: 10.3389/fpls.2017.01442

- Pouzoulet, J., P. E. Rolshausen, **M. Schiavon**, S. Bol, R. Travadon, D. P. Lawrence, K. Baumgartner, V.E. Ashworth, G. Comont, M. Corio-Costet, R. J. G. Pierron, X. Besson, A. Jacques. 2017. A method to detect and Quantify *Eutypa lata* and *Diplodia seriata*-complex DNA in grapevine pruning wounds. *Plant Dis.* 101 (8):1470-1480.
- Schiavon, M.**, A. Pedroza, B. Leinauer, D.L. Suarez, and J.H. Baird. 2017. Varying evapotranspiration and salinity level of irrigation water influence soil quality and performance of perennial ryegrass (*Lolium perenne* L.). *Urban For. Urban Gree.* 26: 184-190. doi: 10.1016/j.ufug.2017.01.006
- Schiavon, M.**, S. Macolino, B. Leinauer, and U. Ziliotto. 2016. Seasonal changes in carbohydrate and protein content of seeded bermudagrasses and their effect on spring green-up. *J. Agro. Crop Sci.* 202 (2): 151-160. doi:10.1111/jac.12135
- Schiavon, M.**, M. Serena, B. Leinauer, R. Sallenave, and J.H. Baird. 2015. Seeding date and irrigation system effects on establishment of warm-season turfgrasses. *Agron. J.* 107:880–886. doi:10.2134/agronj14.0322
- Leinauer, B., D.M. VanLeeuwen, M. Serena, **M. Schiavon**, and E. Sevostianova. 2014. Digital image analysis and spectral reflectance to determine turfgrass quality. *Agron. J.* 106:1787–1794. doi:10.2134/agronj14.0088
- Schiavon, M.**, B. Leinauer, M. Serena, R. Sallenave, and B. Maier. 2014. Plant growth regulator and soil surfactants' effects on saline and deficit irrigated warm-season grasses: II. Pigment content and superoxide dismutase activity. *Crop Sci.* 54: 2815-2826. doi: 10.2135/cropsci2013.10.0708
- Schiavon, M.**, B. Leinauer, M. Serena, R. Sallenave, and B. Maier. 2014. Plant growth regulator and soil surfactants' effects on saline and deficit irrigated warm-season grasses: I. Turf quality, color retention, and soil moisture distribution. *Crop Sci.* 54: 2827-2836. doi: 10.2135/cropsci2013.10.0707
- Hoisington, N., M. Flessner, **M. Schiavon**, S. McElroy, and J. H. Baird. 2014. Tolerance of bentgrass (*Agrostis*) species and cultivars to methiozolin. *Weed Technology* 28(3):501-509. doi.org/10.1614/WT-D-13-00114.1
- Schiavon, M.**, R. L. Green, and J. H. Baird 2014. Drought tolerance of cool-season turfgrasses in a Mediterranean climate. *Europ. J. Hort. Sci.* 79 (3): 175-182.
- Serena, M., B. Leinauer, **M. Schiavon**, R. Sallenave, and B. Maier. 2014. Establishment and rooting response of bermudagrass propagated with saline water and subsurface irrigation. *Crop Sci.* 54:827-836. doi: 10.2135/cropsci2013.07.0512
- Schiavon, M.**, B. D. Barnes, D. A. Shaw, J. M. Henry, and J. H. Baird. 2013. Strategies for converting tall fescue to warm-season turf in a Mediterranean climate. *HortTechnology.* 23(4): 442-448.
- Ganjegunte, G., B. Leinauer, **M. Schiavon**, and M. Serena. 2013. Using electro-magnetic induction to determine soil salinity and sodicity in turf rootzones. *Agron. J.* 105: 836-844. doi:10.2134/agronj2012.0503
- Schiavon, M.**, B. Leinauer, M. Serena, R. Sallenave, and B. Maier. 2013. Establishing tall fescue and Kentucky bluegrass using subsurface irrigation and saline water. *Agron. J.* 105:182-190. doi:10.2134/agronj2012.0187
- Leinauer, B., M. Serena, **M. Schiavon**, and E. Sevostianova. 2012. Water demands and water conservation strategies in turfgrass management. *Acta Horticulturae.* 938:p. 113-120.

- Leinauer, B., T. Barrick, M. Serena, **M. Schiavon**, B. Maier, and C. Robertson. 2012. Usefulness of non-chemical water conditioners for managing turfgrasses and their rootzones. *Applied Turfgrass Science*. doi:10.1094/ATS-2012-0924-01-RS
- Serena, M., B. Leinauer, R. Sallenave, **M. Schiavon**, and B. Maier. 2012. Turfgrass establishment from polymer-coated seed under saline irrigation. *HortScience*. 47(1): 1789-1794.
- Schiavon, M.**, B. Leinauer, M. Serena, R. Sallenave, and B. Maier. 2012. Bermudagrass and seashore paspalum establishment from seed using differing irrigation methods and water qualities. *Agron. J.* 104:706-714. doi:10.2134/agronj2011.0390
- Serena, M., B. Leinauer, R. Sallenave, **M. Schiavon**, and B. Maier. 2012. Media selection and seed coating influence germination of turfgrasses under salinity. *HortScience*. 47(1): 116-120.
- Schiavon, M.**, B. Leinauer, E. Sevostianova, M. Serena, and B. Maier. 2011. Warm season turfgrass quality, spring green-up and fall color retention under drip irrigation. *Applied Turfgrass Science*. doi: 10.1094/ATS-2011-0422-01-RS.
- Leinauer, B., E. Sevostianova, M. Serena, **M. Schiavon**, and S. Macolino. 2010. Conservation of irrigation water for urban lawn areas. *Acta Hort.* 881. 487-492.
- Schiavon, M.**, B. Leinauer, E. Sevostianova, and F. Rimi. 2010. Cool-season turfgrass performance under drip irrigation in an arid climate. *Proceedings 2nd European Turfgrass Society Conference*:188-190.
- Leinauer, B., E. Sevostianova, M. Serena, and **M. Schiavon**. 2010. Irrigating turfgrasses with impaired water – possibilities and challenges. *Proceedings 2nd European Turfgrass Society Conference*:252-256.

Non Reviewed Journals, and Abstracts

- Schiavon, M.**, Xiang, M., Orlinski, P., Forconi, A., & Baird, J. H. 2021. Wetting Agents for Water Conservation. *Golf Course Management*. 2.
- Schiavon, M.** 2020. Product combos improve irrigation efficiency. *Golfdom*. 4:31-34.
- Schiavon, M.**, and J. H. Baird. 2018. Best Management Practices for Bermudagrass (*Cynodon dactylon* (L.) Pers.) Under Deficit Irrigation. *Agron. Abr.*
- Schiavon, M.**, C. Toniatti, P. Orlinski, A. Forconi, and J. H. Baird. 2018. Wetting Agents for Water Conservation on Bermudagrass Turf. *UCR Turfgrass and Landscape Research Field Day*. Riverside, CA. Date of meeting: 09/13/2018 p. 51-53.
- Schiavon, M.**, P. Petelewicz, C. Toniatti, P. Orlinski, A. Forconi, Brooke Gomez, and J. H. Baird. 2018. Management of Salinity and Rapid Blight Disease on Annual Bluegrass Putting Greens. *UCR Turfgrass and Landscape Research Field Day*. Riverside, CA. Date of meeting: 09/13/2018 p. 40-47.
- Schiavon, M.**, C. Toniatti, P. Orlinski, A. Forconi, and J. H. Baird. 2018. USGA/NTEP Cool-Season Water Use Trial. *UCR Turfgrass and Landscape Research Field Day*. Riverside, CA. Date of meeting: 09/13/2018 p. 16-20.
- Schiavon, M.**, and J. H. Baird. 2017. Evaluation of Products to Alleviate Salinity Stress in Bermudagrass Turf. *2017 ASHS International Annual Meeting*.
- Schiavon, M.**, and J. H. Baird. 2017. Evaluation of warm- and cool-season turfgrass species and mixes under deficit irrigation in Southern California. *Agron. Abr.* p. 108885.

- Schiavon, M.,** A. Verzotto, M. Poleska and J. Baird. 2017. How Often Should You Water Your Lawn? UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/14/2017 p.63-65.
- Schiavon, M.,** A. Verzotto, M. Poleska and J. Baird. 2017. Best Management Practices for Water Conservation on Bermudagrass Turf. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/14/2017 p.59-62.
- Petelewicz, P., **M. Schiavon,** M. Poleska, P. Orlinski, A. Verzotto. J. Espeleta, and J. Baird. 2017. Evaluation of Plant Growth Regulators (PGRs) on Bermudagrass and Seashore Paspalum Turf. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/14/2017 p.53-58.
- Petelewicz, P., **M. Schiavon,** A. Verzotto., M. Poleska, P. Orlinski, J. Espeleta, and J. Baird. 2017. Remote Sensing and Evapotranspiration (ET) Replacement Strategies for Turf Irrigation. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/14/2017 p.48-52.
- Schiavon, M.,** P. Petelewicz, A. Verzotto, M. Poleska, P. Orlinski and J. Baird. 2017. Management of Salinity and Rapid Blight Disease on Annual Bluegrass Putting Greens. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/14/2017 p.36-42.
- Petelewicz, P., M. Schiavon, M. Poleska, P. Orlinski, J. Espeleta, and J. Baird. 2017. Postemergence control of *Oxalis* in bermudagrass turf. 2017 Turfgrass & Landscape Research Field Day. p. 33-35.
- Petelewicz, P., **M. Schiavon,** M. Poleska, P. Orlinski, J. Espeleta, and J. Baird. 2017. Evaluation of Fertilizer Products and Formulations on Bermudagrass Turf. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/14/2017 p.30-32.
- Petelewicz, P., **M. Schiavon,** M. Poleska, P. Orlinski, J. Espeleta, and J. Baird. 2017. Evaluation of Fungicides for Control of Anthracnose and Summer Patch Diseases on Annual Bluegrass Putting Greens. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/14/2017 p.23-29.
- Schiavon, M.,** A. Verzotto, M. Poleska and J. Baird. 2017. USGA/NTEP Cool-Season Water Use Trial. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/14/2017 p. 17-22.
- Baird, J., **M. Schiavon,** M. Mundo-Ocampo, and J. O. Becker. 2017. Breakthrough in managing the Pacific shoot gall disease in annual bluegrass. 2017 Turfgrass & Landscape Research Field Day. p. 8.
- Schiavon, M.,** and J. Baird. 2017. Lawn and native grasses under deficit irrigation. *Golf Course Manage.* 85(6):p. 83
- Schiavon, M.** 2016. Coating warm-season turfgrass seed to improve establishment. *Golf Course Manage.* 84(10):p. 97.
- Schiavon, M.,** and J. H. Baird. 2016. Evaluation of lawn and native grasses under deficit irrigation. *ASA, CSSA and SSSA International Annual Meetings* p. 101142.
- Leinauer, B., **M. Schiavon,** M. Serena, and E. Sevostianova. 2016. Plant growth regulator and soil surfactants' effects on drought and salinity stressed bermudagrass and seashore paspalum. *ASA, CSSA and SSSA International Annual Meetings* p. 101167.

- J. H. Baird, **M. Schiavon**, M. Mundo, and J.O. Becher. 2016. A New Nematicide Against the Pacific Shoot-gall Nematode *Anguina pacifica*. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/15/2016 p. 56-57.
- Schiavon, M.**, M. Cuccagna, K. Jagiello-Kubiec, and J. H. Baird. 2016. Evaluation of Turfgrass Species and Cultivars Under Deficit Irrigation. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/15/2016 p. 44-50.
- Schiavon, M.**, M. Cuccagna, K. Jagiello-Kubiec, and J. H. Baird. 2016. Products That Can Make Bermudagrass Look Better with Less Water. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/15/2016 p. 33-36.
- Schiavon, M.**, M. Cuccagna, K. Jagiello-Kubiec, and J. H. Baird. 2016. How Much Water Does a Lawn Need? UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/15/2016 p. 31-32.
- Schiavon, M.**, M. Cuccagna, K. Jagiello-Kubiec, and J. H. Baird. 2016. Evaluation of Products for Alleviation of Salinity. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/15/2016 p. 27-30.
- Reiter, M., M. Cuccagna, K. Jagiello-Kubiec, **M. Schiavon**, and J. H. Baird. 2016. Postemergence Control of Crabgrass in Tall Fescue. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/15/2016 p.22-24.
- Cuccagna, M., K. Jagiello-Kubiec, **M. Schiavon**, J. Espeleta, and J. H. Baird. 2016. Plant Growth Regulators for Bermudagrass, Kikuyugrass, and Seashore Paspalum Management. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/15/2016 p.15-21.
- Jagiello-Kubiec, K., M. Cuccagna, **M. Schiavon**, and J. H. Baird. 2016. Evaluation of Fungicides for Control of Anthracnose on Annual Bluegrass Putting Greens. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/15/2016 p.12-14.
- Schiavon, M.** 2016. Cultural practices to conserve water on bermudagrass turf. *Golfdom*. 72(10):p. 51.
- Schiavon, M.**, Montgomery, J.F., and J.H. Baird. 2015. Coating warm-season turfgrass seed to improve establishment under saline conditions. *ASA, CSSA and SSSA International Annual Meetings*. p. 94251.
- Schiavon, M.**, Montgomery, J.F., and J.H. Baird. 2015. Evaluation of fertilizer products for turf quality and drought tolerance on bermudagrass. *ASA, CSSA and SSSA International Annual Meetings*. p. 94289.
- Baird, J.H., **M. Schiavon**, G. Cremonese, and T. Mock. 2015. Effects of Fungicide Programs on Creeping Bentgrass Quality and Recovery from Aeration and Drought Stress. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/17/2015 p.8-15.
- Montgomery, J.F., **M. Schiavon**, and J.H. Baird. 2015. Evaluation of Natural and Hybrid Turf for Water Conservation. Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/17/2015 p.18-27.
- Schiavon, M.**, P. Petelewicz, G. Cremonese, and J.H. Baird. 2015. Best Management Practices for Turf under Drought or Water Use Restrictions. UCR Turfgrass and

- Landscape Research Field Day. Riverside, CA. Date of meeting: 09/17/2015 p.33-36.
- Schiavon, M.**, P. Petelewicz, G. Cremonese, T. Kuong, and J.H. Baird. 2015. Evaluation of Products for Alleviation of Salinity. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/17/2015 p.37-40.
- P. Petelewicz, **M. Schiavon**, and J.H. Baird. 2015. Evaluation of Plant Growth Regulators on Bermudagrass Turf. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/17/2015 p.41-43.
- P. Petelewicz, **M. Schiavon**, and J.H. Baird. 2015. Evaluation of Plant Growth Regulators on Kikuygrass Turf. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/17/2015 p.44-46.
- Baird, J.H., and **M. Schiavon**. 2015. All Star Preemergence Crabgrass Trial. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/17/2015 p.47-48.
- Baird, J.H., **M. Schiavon**, and G. Cremonese. 2015. Postemergence Control of Crabgrass and Broadleaf Weeds in Tall Fescue. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/17/2015 p.49-51.
- Schiavon, M.**, J.H. Baird, and J.A. Gray. 2014. Response of seeded and vegetative buffalograss [*Buchloe dactyloides* (Nutt.)] cultivars to nitrogen fertilization and simulated traffic. *ASA, CSSA and SSSA Annual Meetings [2014]*. p. 86933.
- Leinauer, B., M. Serena, E. Sevostianova, and **M. Schiavon**. 2014. Subsurface drip irrigation for turfgrass areas. *ASA, CSSA and SSSA Annual Meetings [2014]*. p. 88911.
- Baird, J.H., **Schiavon, M.**, and J.A. Gray. 2014. Methiozolin rates and timing for *Poa annua* (L.) control in overseeded turf in the Coachella Valley. *ASA, CSSA and SSSA Annual Meetings [2014]*. p. 89609.
- Schiavon, M.**, T. Khuong, and J.H. Baird. 2014. Evaluation of Products for Turfgrass Water Conservation Using a Linear Gradient Irrigation System (LGIS). UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/11/2014 p.40-43.
- Schiavon, M.**, A. Feo, T. Khuong, and J.H. Baird, 2014. Evaluation of Products to alleviate Salinity Stress. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/11/2014. p.36-39.
- Schiavon, M.**, J.H. Baird and M. Serena. 2014. Coating Warm-Season Turfgrass Seeds To Improve Establishment Under Saline Conditions. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/11/2014 p.32-36.
- Schiavon, M.**, and J.H. Baird. 2014. Ground Cover Establishment Under Saline Irrigation. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/11/2014 p.29-31.
- Schiavon, M.**, and J.H. Baird. 2014. Delta Bluegrass Sod Under Deficit Irrigation. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/11/2014 p.25-28.
- Schiavon, M.**, and J.H. Baird. 2014. Drought Tolerant Seeded Cool-Season Turfgrasses for Southern California. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/11/2014 p.21-24.

- Schiavon, M.**, J. Montgomery, and J.H. Baird. 2014. Evaluation of Natural and Hybrid Turf for Water Conservation. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/11/2014 p.17-20.
- Feo, A., J. Baird, **M. Schiavon**, and F. Negm. 2014. Creeping Bentgrass Potpurri: Poa Control with PoaCure; Fungicide and Plant Health; Fairy Ring Control. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/11/2013 p.9-12.
- Leinauer, B., **M. Schiavon**, and M. Serena. 2014. Plant growth regulator and soil surfactant effects on drought and salinity stressed bermudagrass and seashore paspalum. [Online]*USGA Turfgrass Environ. Res. Online*. 13(4):p. 29-30.
- Leinauer, B., M. Serena, and **M. Schiavon**. 2014. Using saline water and subsurface irrigation to establish bermudagrass and seashore paspalum: Saline water and subsurface drip irrigation do not hinder establishment of two seeded grasses and one sodded warm-season grass. *Golf Course Manage.* 82(6):p. 78-83.
- Leinauer, B., **M. Schiavon**, and M. Serena. 2013. Plant growth regulator and soil surfactant effects on drought and salinity stressed bermudagrass and seashore paspalum. [Online]*USGA Turfgrass Environ. Res. Online*. 12(3):p. 11-12.
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- Schiavon, M.**, J.H. Baird, B. Leinauer, and M. Serena. 2013. Bermudagrass and Seashore Paspalum Establishment and Management Using Subsurface Drip Irrigation vs. Overhead Sprinkler Irrigation. UCR Turfgrass and Landscape Research Field Day. Riverside, CA. Date of meeting: 09/12/2013. p.21-22.
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- Schiavon, M.**; B Leinauer, M. Serena and B.Maier. 2011. Plant growth regulators and soil surfactants improve warm-season turfgrass quality under saline conditions. *2011 International Annual Meetings: [Abstracts][ASA-CSSA-SSSA]*. p. 67196.
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- Serena, M.; B. Leinauer and **M. Schiavon**. 2010. Scalping effect on spring green-up of bermudagrass and seashore paspalum. *2010 International Annual Meetings: [Abstracts][ASA-CSSA-SSSA]*. 59821.
- Schiavon, M.**; B Leinauer, and M. Serena. 2009. Growing degree days to predict warm season turfgrass establishment from seed under saline and subsurface drip irrigation. *2009 International Annual Meetings: [Abstracts][ASA-CSSA-SSSA]*. [53768].

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- Leinauer, B., M. Serena and **M. Schiavon**. 2009. Comparing spring and summer establishment of bermudagrass seed and sod under two irrigation systems using saline water. *TurfNews*. May/June. 33(3): p. 36, 38-39.

Technical Reports

- Schiavon, M.**, A. Verzotto, M. Poleska, P. Orłinski, Martino Cuccagna, Katarzyna Jagiełło-Kubiec, P. Petelewicz, and J. Baird. 2018. Best Management Practices for Bermudagrass Under Deficit Irrigation. 2016-2017 Final Report. California turfgrass industry.
- Schiavon, M.**, A. Verzotto, M. Poleska, P. Orłinski, P. Petelewicz, and J. Baird. 2018. Evaluation of Irrigation Strategies and Products to Alleviate Irrigation Salinity Stress and Rapid Blight Disease on Annual Bluegrass Greens. 2017 Progress Report. California turfgrass industry.
- Petelewicz, P., **M. Schiavon**, and J. Baird. 2018. Bermudagrass Spring Dead Spot Fungicide Trial. 2017-18 Final Report. California turfgrass industry.
- Petelewicz, P., **M. Schiavon**, and J. Baird. 2017. Kikuyugrass Gray Leaf Spot Fungicide Trial. Final Report. California turfgrass industry.
- Baird, J., **M. Schiavon**, P. Petelewicz, and F. Negm. 2017. Gray Snow Mold Disease Control in California. California turfgrass industry.
- Baird, J., **M. Schiavon**, and P. Petelewicz. 2016. Effects of Fungicides for Control of Spring Dead Spot Disease on Bermudagrass Turf in California. California turfgrass industry.
- Schiavon, M.**, M. Cuccagna, K. Jagiello-Kubiec, and J. H. Baird. 2017. Best Management Practices for Bermudagrass Under Deficit Irrigation. 2016 Progress Report. California turfgrass industry.
- Schiavon, M.**, and J. Baird. 2016. Evaluation of Products to Alleviate Salinity Stress in Bermudagrass Turf. 2016 Final Report. Research report. California turfgrass industry.
- Schiavon, M.**, and J. Baird. 2015. Best Management Practices for Turf under Drought or Water Use Restrictions. 2015 Progress Report. California turfgrass industry.
- Baird, J., **M. Schiavon**, G. Cremonese, and T. Mock. 2015. Evaluation of Fungicides on Creeping Bentgrass Under Drought Stress. California turfgrass industry.
- Schiavon, M.**, Mock, T., Montgomery, J., Negm, F., and Baird, J.H. 2015. *Poa annua* Control in Overseeded Turf in the Coachella Valley. 2014-15 Progress Report. California turfgrass industry.
- Schiavon, M.**, A. Feo, T. Khuong, and J. Baird. 2015. Evaluation of Products to Alleviate Salinity Stress in Bermudagrass Turf. 2013-14 Final Report. Research report. California turfgrass industry.
- Schiavon, M.**, J. Montgomery and J. Baird. 2015. Evaluation of Fertilizer Products for Turf Quality and Drought Tolerance. California turfgrass industry.
- Schiavon, M.**, and J. Baird. 2014. Coating Warm-Season Turfgrass Seed to Improve Establishment Under Saline Conditions. California turfgrass industry.
- Schiavon, M.**, Feo, A., Baird, J.H. 2014. Evaluation of Fungicides for Control of Rapid Blight Disease on Putting Greens. Research report. California turfgrass industry.

- Baird, J.H., **Schiavon, M.**, Gray, J., Zak, K., Khuong, T., Miehl, A., Mock, T., Nichols, R., Montgomery, J. 2013. Evaluation of Products for Alleviation of Localized Dry Spots (LDS) and Drought Stress on Turf. Research report. California turfgrass industry.
- Schiavon, M.**, Gray, J., Khuong, T., Miehl, A., Baird, J.H. 2013. Evaluation of Products to Alleviate Salinity Stress On Bermudagrass Turf. Research report. California turfgrass industry.
- Schiavon, M.**, Baird, J.H., Khuong, T., Gray, J., Zak, K. 2013. Evaluation of Products for Turfgrass Water Conservation Using a Linear Gradient Irrigation System (LGIS). Research report. California turfgrass industry.
- Leinauer, B., **M. Schiavon** and M. Serena. 2010. Tall fescue establishment with saline water and KISSS subsurface irrigation system. Report submitted to Irrigation Water Technologies America
- Serena, M., B. Leinauer and **M. Schiavon**. 2010. A comparison of foliar versus granular fertilization effects on performance of saline irrigated bermudagrass and seashore paspalum under drip and sprinkler irrigation. Annual Research Report.

GRANTS

- Schiavon, M.**, and J.B. Unruh. Evaluation of different aeration methods for Florida putting greens. FGCSA grant 2021-2022
- Leinauer, B., **M. Schiavon**, and M. Serena. Plant Growth Regulator And Soil Surfactant Effects On Drought And Salinity Stressed Bermudagrass And Seashore Paspalum. USGA Grant. 2012-2014.
- Schiavon, M.**, E. Scudiero, and J. Baird. Mapping and Monitoring Turfgrass Cooling Effects from the House to the City Scale in Inland California. The Lawn Institute Grant. 2018-2019.
- Schiavon, M.**, and J. Baird. Salinity Management on Annual Bluegrass Putting Green. California Turfgrass and Landscape Foundation. 2017-2019.
- Schiavon, M.**, and J. Baird. Identification of Wetting Agents and Use Strategies to Reduce Turfgrass Water Use in California. California Turfgrass and Landscape Foundation. 2018-2019.

PRESENTATIONS

Invited speaker

- Water Quality, Quantity, and Lack of thereof, Fort Lauderdale Research and Education Center, February 16, 2021
- Turfgrass Management. Master Gardner Association, Broward County, FL, March 25, 2020.
- Go East Young Man! Turfgrass Research Highlights from the Southwest. South Florida Golf Course Superintendent Association. Parkland, FL. February 20, 2020.
- Mapping and monitoring turfgrass cooling effect. Turfgrass Producer International 2020 Educational conference. February 17, 2020.

Best Management Practices For Turfgrass Fertilization. West Palm Beach Extension Center, West Palm Beach, FL, February 2020.

Cutting edge irrigation for salinity management. Golf Industry Show, Orlando, FL. January 30, 2020.

Best management practices for turfgrass Irrigation. The 2019 Long Beach Landscape Expo. Long Beach, CA. October 23-24, 2019.

Water conservation practices. San Diego Golf Course Superintendents Association, San Diego, CA. October 22 2019.

Go East Young Man! Turfgrass Research Highlights from the Southwest. West Palm Beach Golf Course Superintendent Association. West Palm Beach, FL. September 26 2019.

Turfgrass Water and Nutrient Management Strategies. Guam Golf Course Superintendent Association. Guam, June 6, 2019.

Best management practices for turfgrass Irrigation. Golf Industry Show, San Diego, CA. February 2019.

Updates on how much water does a lawn need? The 2018 Long Beach Landscape Expo. Long Beach, CA. October 10-11, 2018.

How much water does a lawn need? The 2017 Long Beach Landscape Expo. Long Beach, CA. October 4-5, 2017.

Water conservation strategies to implement integrated pest management for turfgrass areas. California Association of Pest Control Advisers (CAPCA) Education. Palm Desert, CA. June 18, 2015

Turfgrass Disease Management. The 2014 Long Beach Landscape Expo. Long Beach, CA. October 29-30, 2014.

Water conservation research in California. Aquatrols Sales Meeting 2014. Paulsboro,NJ. September 24, 2014.

Warm-season turfgrass species. Master Gardner Association, San Diego County. San Diego, CA. April 15, 2014.

Turfgrass irrigation. Guest Lecture at University of Padova. Università degli Studi di Padova. Padova, Italy. December 19, 2013.

Integrated pest control for turfgrass. The 2013 Long Beach Landscape Expo. Long Beach, CA. October 16-17, 2013.

How to survive a drought. Southwest Turfgrass Association Annual Conference, Ruidoso, NM. November 14, 2012.

Establishment Projects. Southwest Turfgrass Association Annual Conference, Ruidoso, NM. October 22, 2010.

Quality and Performance of Turfgrass in Arid Zones. Guest Lecture at University of Padova. Università degli Studi di Padova. Padova, Italy. April 8, 2010.

How Much Heat Is Necessary To Establish Bermudagrass? Southwest Turfgrass Association Annual Conference, Ruidoso, NM. October 15, 2009.

MEMBERSHIP IN PROFESSIONAL SOCIETIES

American Society of Agronomy (ASA)
Crop Science Society of America (CSSA)
Soil Science Society of America (SSSA)

European Turfgrass Society (ETS)
Turfgrass Water Conservation Alliance (TWCA)
American Society of Horticultural Science (ASHS)
Golf Course Superintendents Association of America (GCSAA)

LANGUAGES

Mother tongue: Italian

Other Languages: Excellent knowledge of English (written and spoken) (TOEFL score: 110/120)
Excellent knowledge of Spanish (written and spoken)

EXTRACURRICULAR ACTIVITIES

New Mexico State University Plant and Environmental Sciences Graduate Student Organization (PESGSO) vice president: September 2012-January 2013.
Riverside Postdoctoral Association (RPA) founding member: 2014
1st Riverside Postdoctoral Association Symposium, 23 and 24 Sep 2014 (Keynote speaker Randy Schekman, Nobel laureate): Organizer
ASA CSSA SSSA Graduate Student Competition Judge, CSSA C05 section, ASA, CSSA and SSSA Annual Meetings Long Beach 2014; Minneapolis 2015; Phoenix 2016.
UAW Local 5810 Election Committee Member: Organizer of the Triennial Election of Joint Council and Executive Board officers for University of California. 2015- 2016