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San Antonio **2014**

SCHEDULE AT A GLANCE

TUES., JAN. 21

6:30 - 8:30 am Continental Breakfast 6:30 am - 6:30 pm Registration Open

Full Day Seminar on Wheels 7 am - 5 pm 9:00 am - 4 pm SAFE Golf Tournament

STMA Academy: 400+ level education (included 2:30 - 5 pm

> in full conference price) STMA Certification Exam

6-9 pmChapter Officer Training (includes dinner)

WED., JAN. 22

3:30 - 7:30 pm

7 – 8 am Continental Breakfast 7 am - 6:30 pm Registration Open

8 - 9:15 am General Session: STMA Past, Present and Future.

> Keynote Address: "Skills to Survive in the Future" Dr. Rick Rigsby, Educator & Former Broadcaster

Conference Education 9:30 am - 12 pm

12 - 2 pm **Break**

12 - 2 pm Women's Forum Lunch New Time!

2-5 pmConference Education

5:15 - 6:15 pm Conference Networking Sessions

6:30 - 7 pm First-Timers Reception

7 - 10 pm Welcome Reception & Casino Night

THURS., JAN. 23

6:45 - 7:45 am Certification Breakfast 7 – 8 am Continental Breakfast Registration Open 7 am - 6:30 pm

Conference Education & Student Track 8 am - 12 pm

12 - 1:15 pm Annual Meeting & Lunch

1:30 - 6:30 pm SAFE Silent Auction on the trade show floor

STMA Exhibition and Reception 1:30 - 7 pm

2-6pmCommittee meetings on the trade show floor

FRI., JAN. 24

7 - 8 am Continental Breakfast Past President's Breakfast 7 - 8 am 7 am - 1 pm Registration Open 8 - 10:30 am Student Challenge 8:30 - 10 am Conference Education 9 - 10 am Commercial Member Meeting 10 am - 12:30 pm Silent Auction on the trade show floor Exhibition Open with Lunch, Innovative 10 am - 1 pm

Sessions

12 – 1 pm Student Luncheon

1 – 5 pm Half Day Seminar on Wheels 1:15 - 3 pm Conference Education

2-3pmRiverwalk Horticultural Tour via barge (1st

departure)

2:30 - 3:30 pm Riverwalk Horticultural Tour via barge (2nd

departure)

SAFE 5K Run/Walk 3-5 pm

6:30 - 10 pm STMA Reception, Live Auction and Awards

Banquet

SAT., JAN. 25

8 am - 12 pm STMA Certification Exam 8 am - 1 pm **ASBA Certification Exam**



STMA Student Challenge

Fri., Jan., 24, 8 — 10:30 am

Participants receive FREE conference registration by competing in the Challenge. Undergraduates from two- and four-year institutions are eligible to compete in teams of up to four people. Graduate students are not eligible. Win \$4,000 for your school! Preregistration is required and can only be completed online.

Student Luncheon

Fri., Jan., 24, 12 — 1 pm

Network with CSFMs and other industry professionals during the luncheon provided on the trade show floor. The winners of the Student Challenge will be announced following the lunch.

Conference Tracks

Agronomic

Tues., Jan. 21

2:30 - 5 pm

STMA 400 - Evaluation and Preparation of Fields for Heavy Use Grady L. Miller, Ph.D.

Wed., Jan. 22

9:30 - 10:45 am

STMA 102 - Making the Impossible Possible: Seed to Playing in 35

Julie Adamski, Ryan Bjorn

11 am — 12 pm

STMA 108 - Aerification Today... Methods and Styles to Help Improve Playing Conditions Michael Hileman

2 - 3:15 pm

STMA 113 - Changing Perceptions, Pushing Limits: Grass Fields Will Take More Jerad Minnick

Thurs., Jan. 23

9:15 — 10:15 am

STMA 206 - Keeping It Green While Being Green: Cutting-Edge Environmental Fertilization Bryan G. Hopkins, Ph.D.

9:15 — 10:15 am

STMA 207 - Bermudagrass Management John Cisar, Ph.D.

9:15 — 10:15 am

STMA 208 - Cool-Season Turfgrasses for Sports Fields Brad Park

Fri., Jan. 24

8:30 — 10 am

STMA 300 - Managing High Use Fields Thomas J. Serensits

8:30 - 10 am

STMA 301 - Teaching the Basics of Soil Physical and Chemical Properties: The Analogy Lecture Elizabeth Guertal, Ph.D.

Pest Control

Tues., Jan. 21

2:30 - 5 pm

STMA 401 - What Are Your Weeds Telling You? Jim Brosnan, Ph.D., Gerald Henry, Ph.D.

Wed., Jan. 22

9:30 - 10:45 am

STMA 100 - Improving Plant Performance with Plant Protection **Products** John Cisar, Ph.D.

9:30 — 10:45 am

STMA 104 – Safe Playing Fields: IPM, Legislation, and the Sports Turf Manager Rich Watson

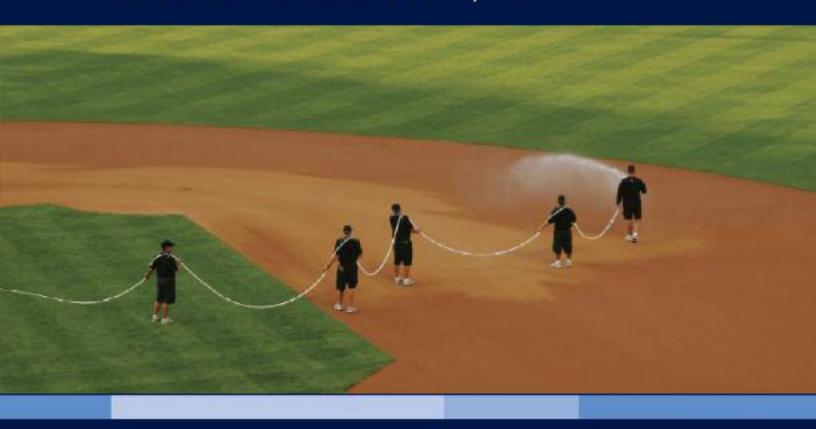
11 am - 12 pm

STMA 106 - Establishing Pest Thresholds on School Grounds Don Savard, CSFM, CGM

2 - 3:15 pm

STMA 112 - Insect Control Update for Sport Fields - Current & Future Programs David Shetlar, Ph.D.

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San Antonio 2014

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Count on H.









3:30 - 5 pm

STMA 118 – Advanced Turf Disease Management: Maximizing Pesticide Applications to Improve Product Performance *Mike Fidanza*. *Ph.D.*

Thurs., Jan. 23 8 – 9 am

STMA 204 – Managing Sports Fields without Conventional Pesticides *Eric M. Lyons, Ph.D.*

Fri., Jan. 24

8:30 - 10 am

STMA 303 – Preventative, IPM, and Organic Management Systems for Schools and Municipalities Brad Park

<u>Safety</u>

Tues., Jan. 21

2:30 - 5 pm

STMA 402 – Playability and Safety of Bermudagrass Sports Fields *Philipe C. F. Aldahir, Eric Kleypas*

Wed., Jan. 22

3:30 - 5 pm

STMA 119 – Bermudagrass Selection and Management for Athletic Field Performance and Safety in the Transition Zone Adam Thoms, John Sorochan, Ph.D.

Thurs., Jan. 23

8 — 9 am

STMA 203 – Sports Field Performance Testing: G-Max and Beyond Ross Kurcab, CSFM

10:45 am — 12 pm

STMA 216 – Sustainability – Player Safety – Performance Testing Are Critical and Integrated Issues for Sport Fields

Gerald Henry, Ph.D., Chase Straw

Facility Management

Tues., Jan. 21

2:30 - 5 pm

STMA 403 – Understanding Our Changing Weather and Climate Brad Jakubowski

Wed., Jan. 22

9:30 - 10:45 am

STMA 101 – Why Research Matters to Field Managers
Grady L. Miller, Ph.D.

2 - 3:15 pm

STMA 115 – Shop/Tools/Tricks of the Trade to Improve Your Operation Luke Yoder

3:30 - 5 pm

STMA 123 – Maintaining High School Athletic Fields on a Limited Budget Bruce Whitehead, CMAA; Hugh McReynolds, CAA

Thurs.. Jan. 23

9:15 — 10:15 am

STMA 210 – Liability and Your Facility *Patrick D. McGuiness*

10:45 am — 12 pm

STMA 214 – Infield

Maintenance at Overbrook HS: Working With What We Have Rich Watson

Fri., Jan. 24

8:30 — 10 am

STMA 304 – Turfgrass Mathematics 101 Barry Stewart, Ph.D.

1:15 - 3 pm

STMA 309 – John Mascaro's Photo Quiz Comes Alive John Mascaro

Water

Tues., Jan. 21

2:30-5 pm

STMA 404 – Developing and Implementing

Best Management Practices for Sports Field Water Conservation Kenny Pauley, Kent Dickerson

Wed., Jan. 22

3:30 - 5 pm

STMA 121 – Understanding the Basics of Irrigation Design, Installation, and Troubleshooting *Lynda Wightman*

Thurs., Jan. 23

10:45 am — 12 pm

STMA 217 – Sports Fields as a Stormwater Best Management Practice Rich Moffitt

Fri., Jan. 24

8:30-10 am

STMA 302 – Water Quality and Soil Conditions *Nick Christians, Ph.D.*

Professional Development

Wed., Jan. 22

9:30 — 10:45 am

STMA 103 – Bridging the Generation Gap in the Turf Industry Joel Rieker, Tim VanLoo, CSFM

2 - 3:15 pm

STMA 114 – The Lost Art of Communications Jeffrey Fowler, Evan Fowler

3:30 - 5 pm

STMA 122 – Reading the Tells – Learning How to Read Body Language *Jerry Balistreri*

Thurs., Jan. 23

 $8-9\,\mathrm{am}$

STMA 200 – The CSFM Process Demystified *Tim VanLoo, CSFM*

10:45 am - 12 pm

STMA 212 – 2013 Field of the Year Winners 2013 FOY Winners



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San Antonio 2014



Special Professional Development Sessions Dedicated To Students:

Thurs.. Jan. 23

8-9 am

STMA 218 - Creating a New Career Path Abby McNeal, CSFM

9:15 - 10:15 am

STMA 219 - Managing and Molding Tomorrow's Field Managers Today Michael Boettcher

10:45 am - 12 pm

STMA 220 - Internships and How to Get the Most Out of Them Zach Severns

Synthetic

Wed., Jan. 22

11 am — 12 pm

STMA 107 - Replacing your Synthetic Infill Playing Surface Darian Daily

2 - 3:15 pm

STMA 117 - Synthetic In-Fill: Compaction and Advancement in Relief Options Jason Sentell, Chad Price, CSFM, CFB

Thurs., Jan. 23

8-9 am

STMA 205 - Reuse, Repurpose -Where's my synthetic going? Chuck Klafka

Industry Developments

Wed., Jan. 22

11 am — 12 pm

STMA 110 – New Trends and Technology in Sports Turf Representatives from STMA Commercial Companies

3:30 — 5 pm

STMA 120 - Latest Trends in European Turfgrass Massimiliano Del Viva, Marco Volterrani, Alessandro De Luca

Thurs., Jan. 23

8-9 am

STMA 201 - Traffic Tolerance and Turf Recovery: It Just Doesn't Happen John Rector, Joseph K. Wipff, Ph.D.

8 - 9 am

STMA 202 - Using Soil Moisture & Temperature Sensors as a Part of an Integrated Approach to Managing Athletic Fields Amy Fouty, CSFM

10:45 am - 12 pm

STMA 215 - Crumb Rubber Research and Real World Applications to Improve Athletic Fields John Sorochan, Ph.D., Tim Vanini, Ph.D.

Fri., Jan. 24

10 am — 12 pm

Innovative Sessions:

10 am

STMA 305 - Traffic/Wear Tolerance of Kentucky Bluegrass and Perennial Ryegrass Cultivars Melodee Fraser, Ph.D.

10:30 am

STMA 306 - Technology Tools and Innovations for Groundskeepers Michael D'Ascanio

11 am

STMA 307 – Overseeding Species: Best Choices for Success Kathleen Dodson, Ph.D.

11:30 am

STMA 308 - The Use of Grow Lights to Grow Grass Inside Stadiums Luis Lauretti; Nico Van Vuuren

Construction/Renovation

Wed., Jan. 22

11 am — 12 pm

STMA 109 – Complete Baseball Field Renovation Keith Winter

$2 - 3:15 \, \mathrm{pm}$

STMA 116 - Trials and Tribulations of Building a New Sports Field Complex Roger Havlak

Thurs., Jan. 23

9:15 — 10:15 am

STMA 209 – Arizona Stadium: 2 Years, 2 Renovations Matt Anderson, CSFM

9:15 — 10:15 am

STMA 211 – Managing Turf in the MLS Robert Heggie

10:45 am - 12 pm

STMA 213 - Renovation Practices at Real Madrid and Manchester United FC - Part 2 Simon Gumbrill

CEUS

CEUs and Pesticide Recertification Credits

Many organizations recognize the caliber of STMA education and are awarding CEUs! CEUs have been approved by ASBA, NRPA, TTA, TNLA, IA, NIAAA, GCSAA, TCEQ, and PLANET. CEUs are pending for Texas Pesticide Recertification Credits.

JOHN MASCARO'S PHOTO QUIZ

John Mascaro is President of Turf-Tec International

Can you identify this sports turf problem?

Problem: Weak turf on field

Sackground illustration courtesy of istockphoto.com

Turfgrass area: Fast pitch softball field

Location: Fargo, North Dakota **Grass Variety:** Bluegrass

Answer to John Mascaro's Photo Quiz on Page 33





www.stma.org SportsTurf 17

OPTIONAL EVENTS

Seminar on Wheels Tour

Tues., Jan. 21

Full day tour, 7 am - 5 pm

The tour begins at the STAR soccer complex, a 13-field natural grass complex located in the former Longhorn Quarry. STAR is home to the San Antonio Scorpions, a new professional soccer team playing in the North American Soccer League (NASL). Tour stops also include Texas State's Jim Wacker Football Field in Bobcat Stadium, which recently had a \$20 million renovation, and its softball and baseball fields. The baseball field has a special infield mix that reduces the need for tarping. Participants will stop next at the Park West Athletics Complex that holds a new International Association of Athletics Federations (IAAF) track and Fédération Internationale de Football Association (FIFA) soccer field at the University of Texas-San Antonio. These facilities opened in August, each seat 1,000 people, and were built through a unique partnership with the university, the City of San Antonio, and Bexar County. The

final stop is at Oak Hills Country Club, one of the oldest private country clubs in the country, to tour the renowned tennis centre. It has a rare combination of three court surfaces including grass, clay and hard surface. Transportation and lunch included. Pre-registration and additional fee required.

Seminar on Wheels Tour

Fri., Jan. 24

Half day tour, 1-5 pm

Participants will see the baseball, softball, soccer, football and intramural fields at Trinity University. These fields are in an urban setting and are closely located by each other. Trinity has no practice fields. The next stop is The Park at St. Mary's University, a new sports complex that has baseball, softball and soccer. The new 2200seat baseball stadium, renamed Dickson Stadium for its benefactor, is built on the steel structure of the previous stadium. The final stop is at Nelson Wolff Stadium, the oldest ballpark in the Texas League and home to the Missions, a AA Minor League Baseball team. Many high schools and colleges play at Nelson Wolff including the UTSA Roadrunners. Transportation provided. Pre-registration and additional fee required.

Riverwalk Horticultural Tour

Fri., Jan. 24

Two Departures: 2-3 pm and 2:30-3:30 pm Board a barge and take a tour of the world-famous Riverwalk. Hear how all of the plant materials are managed in a 100 percent organic program from the horticulturists for the Riverwalk. Pre-registration and additional fee required. Each tour is limited to 25 people, so sign up early.

CSFM Testing Tues., Jan. 21, 3:30 - 7:30 pm &Sat., Jan. 25, 8 am — 12 pm

Pre-qualification and pre-registration by Dec. 15 is required for those who wish to take the exam. If you test on Tuesday and do not pass all of the sections, you may be able to retest on those sections on Saturday. To find out if you qualify for the certification program, call STMA at 800-323-3875.

New this Year!

Join STMA As A New Member, Get Conference Registration Free

If you are not an STMA national* member, you are eligible to receive a free conference registration to be used within three (3) years of joining STMA! This is an excellent way to experience conference education, peer-to-peer networking and access to the latest technology – the top three reasons members join STMA.

Go to **www.stma.org** or call STMA at **800.323.3875** for more information.

*Must not have been a national member since 2000. Affiliate and student memberships are not eligible.



New This Year – 5K RUN or Walk! Fri., Jan. 24, 3 pm.

Join your peers in this inaugural event! For your entry fee of \$35, you get a great 5K course, an event managed by professionals and a high quality shirt that will definitely become a keepsake. Start training now to take top honors and to help SAFE achieve its goals. Pre-registration is required.

ASBA Testing

Sat., Jan. 25, 8 am -1 pm

The American Sports Builders Association (ASBA) offers three certifications for field builders and will be offering these tests during the STMA Conference. To find out if you qualify to test, go to www.sportsbuilders.org. The deadline to apply to test is Dec. 15. Those testing must register for the STMA conference, purchasing a one-day package at a minimum. Questions? Contact ASBA, 866-501-2722.

Chapter Officers Training – for Chapter Board Members

Tues., Jan. 21, 6 - 9 pm (Dinner provided)

Chapter board members are invited to attend a chapter networking and brainstorming session to address the challenges of strengthening your chapter with a focus on how to fundraise and your role as a volunteer leader. Preregistration is required.

SAFE Golf Scramble

Tues., Jan. 21, 9 am - 4 pm



The SAFE Golf Tournament will be held at The Republic Golf Club, 10 minutes from the STMA host hotel. The course routing follows Salado Creek as it winds through heavily wooded areas, making each hole completely secluded. The terrain is mostly flat and has player-friendly features such as wide fairways with generous landing areas and open approaches. Republic has four sets of tees that allow players to adjust the game to their skill level. Transportation, lunch, hole-in-one and other prizes are included. Rental clubs are available. Preregistration is required.

NEW TIME! Women's Forum Lunch

Wed., Jan. 22, 12 — 2 pm

Celebrating its seventh year, all women at the conference are invited to participate in a facilitated discussion and enjoy lunch.



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List of Exhibitors

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