



Special Thanks to Our Sponsors

ADPEN Labs Registration Bags

AMVAC Annual Meeting Mobile App

Bayer CropScience Convention T-Shirts Thursday Breakfast

Corteva Agriscience
New Members' & First Timers' Reception

Coxco Ag Services, Inc
Audio Visual Support and Executive Board Breakfast

Easton Agri-Consulting, Inc.
Audio Visual Support

EPL Bio Analytical ServicesName Badge Lanyards

Eurofins Agroscience, LLC
Out-going President's Reception
Poster Session and Poker Game Refreshments

FMC Corporation
Friday Night Networking Dinner

Gowan Refreshment Break

Helena Agri Enterprises
Committee Chair Luncheon



Special Thanks to Our Sponsors

ICMS, Inc.
Native APP/App World Sponsor

IntegriQual, LLC
Quality Assurance Luncheon and Mentoring Program

Landis International Tally Books

Lange Research and Consulting, Inc.
Hotel Room Keys

Performance Crop Research, LLC
Quality Assurance Luncheon and Mentoring Program

Perspective Consulting, Inc.
Quality Assurance Luncheon and Mentoring Program

Ray & Dorothy Young
Audio Visual Support

Research 2000 GLP Booklets

SGS North America, Inc. Wi-Fi

Stone EnvironmentalQuality Assurance Luncheon and Mentoring Program

SyngentaQuality Assurance Luncheon and Mentoring Program



Special Thanks to Our Exhibitors

20 Mule Team - U.S. Borax

ADPEN Labs

aerialPL0T

AFL-University of Guelph

Ag Leader Technology

Ag-Master Research

Agmatix

Ag-Quest, Inc.

Agrality

AgriThority, LLC

AgSpect, LLC

AGVISE Laboratories

Almaco

AMS, Inc.

AMVAC

Analytical & Regulatory Chemistry Inc.

Application Insight, Inc.

ARGO Division of the ACS

Bamert Seed Company

BASF

Bayer CropScience

Biomemakers

Buckeye Ag Testing, LLC

Corteva Agriscience

Crop Protection Network

Dr of Plant Health UNL

Dr of Plant Medicine UFL

DTN

EarthOptics

EPL Bio Analytical Services

ESA Task Force

Eurofins Agroscience, LLC

Falker

Flat World Global Solutions (Ram Int'l)



Special Thanks to Our Exhibitors

FMC

GDM Solutions

Golden Pacific Laboratories, LLC

Great Lakes Ag Research Service, Inc

Helena Agri-Enterprises

ICMS, Inc.

Indigo Ag

Informed Ag

IR-4 Project

Juniper Systems

Kincaid Equipment MFG

Labcorp

LABServices

LANDIS Int'I

Lange Research and Consulting, Inc.

MIDCO Global

Nutrien

Quality Associates

R&D Sprayers

Real Farm Research

Research Designed for Agriculture

Sentinel Fertigation

SGS North America, Inc.

Smithers

Spectrum Technologies

Syngenta Crop Protection

SynTech Research

Tentamus

Trace Genomics

UPL NA, Inc.

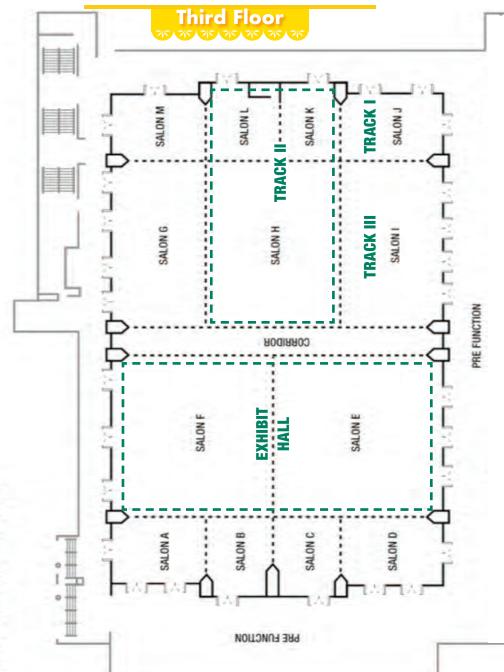
Vortex

Waterborne Environmental, Inc.

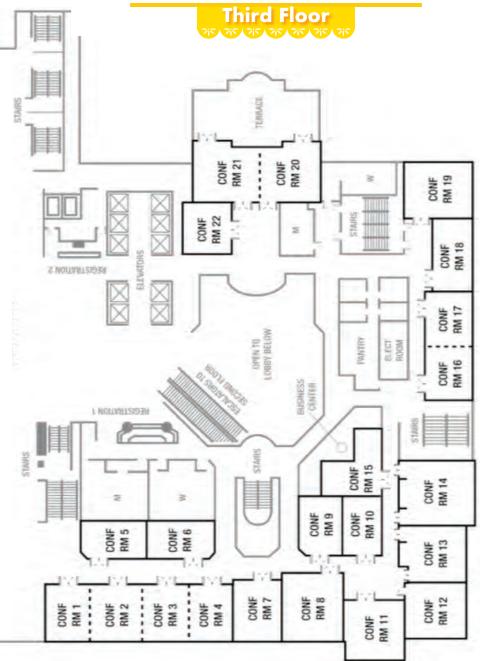
Wintersteiger

ZURN











Monday, January 15, 2024

8:00 AM – 5:00 PM **EFFICACY RESEARCH WORKSHOP: HOW** Salon I

TO CONDUCT GOOD EFFICACY RESEARCHRegistration and continental breakfast at 7:15 AM

9:00 AM - 5:00 PM GLOBAL ALLIANCE OF INDEPENDENT Conference Room 8

AGRICULTURAL CONSULTANTS (GAIAC) BOARD MEETING

8:00 AM − 5:00 PM NAICC EXECUTIVE BOARD MEETING King William Rm. • 2ND Floor

Tuesday, January 16, 2024

8:00 AM - 10:00 AM GDM ARM TRAINING: MODERNIZE YOUR DATA: Salon D

STORAGE AND SHARING

8:00 AM – 12:00 PM NAICC GLP TRAINING FOR RESEARCH AND

QUALITY ASSURANCE PROFESSIONALS

Registration and continental breakfast at 7 AM

Salons B-C Fover

Basic GLP Training Salon A

Advanced GLP Training Salons B-C

Practical Field Workshop-Harvest Conf. Rm. 1 & Pool Area

8:00 AM – 5:00 PM TSP TRAINING: A DETAILED OVERVIEW OF Conference Room 19

THE PROCESS TO BECOME A TSP

8:00 AM – 5:00 PM FEAE BOARD MEETING Conference Room 10

10:00 AM – 12:00 PM GDM ARM TRAINING: WHAT'S NEW IN ARM? Salon D

1:00 PM – 3:00 PM GDM ARM TRAINING: TOP THREE FEATURES FOR Salon D

A SUCCESSFUL RESEARCH SEASON

1:00 PM – 5:00 PM GAIAC/NAICC WORKSHOP: UNDERSTANDING Salon I

MECHANISMS & ENVIRONMENTAL FACTORS INVOLVED IN VALUE-ADDED BENEFITS OF

BIOSTIMULANT PRODUCTS
Sponsored by GAIAC and NAICC

3:00 PM -5:00 PM **EXHIBITOR MOVE IN** Salons E-F



3:00 PM – 5:00 PM GDM ARM TRAINING: MODERNIZE YOUR DATA: Salon D

STORAGE AND SHARING

5:00 PM – 8:00 PM FIELD RESEARCHER CAPABILITY POSTER

SESSION

Open to all attendees

Pearl Ballroom

Wednesday, January 17, 2024

8:00 AM - 10:00 AM NAICC EXECUTIVE BOARD / FEAE BOARD OF Conference Room 18

8:00 AM -10:00 AM GDM ARM TRAINING: WHAT'S NEW IN ARM? Salon D

DIRECTORS BREAKFAST MEETING

8:00 AM - 12:00 PM TSP TRAINING: TSP PROGRAM UPDATES and Conference Room 19

TSP REGISTRY AND MODIFICATION PROCESSES

8:00 AM – 12:00 PM AG LEADER TECHNOLOGY'S DEMO OF SMS Salon C
ADVANCED PRECISION AG SOFTWARE

8:00 AM – 12:00 PM **EXHIBITOR MOVE IN** Salons E-F

10:00 AM – 12:00 PM GDM ARM TRAINING: MODERNIZE YOUR DATA: Salon D

STORAGE AND SHARING

12:00 PM – 12:45 PM NAICC 2024 COMMITTEE CHAIR LUNCHEON/ Conference Rooms 1-2

WORKSHOP

12:30 PM – 5:00 PM **REGISTRATION** Reg Desk 2 Ballrm Foyer

1:00 PM - 2:00 PM **COMMITTEE MEETINGS**

Consultant Education Conference Room 3

International Outreach Conference Room 4

Marketing Conference Room 7

1:00 PM - 3:00 PM **COMMITTEE MEETINGS**

Quality Assurance Education Conference Room 8

Researcher Education Conference Room 13

2:00 PM – 3:00 PM **COMMITTEE MEETINGS**

Crawfish Boil on the Hill Conference Room 4



2:00 РМ – 3:00 РМ	COMMITTEE MEETINGS Continued	
	Gov't Affairs Consultants Subcommittee	Conference Room 16
	Gov't Affairs Researchers Subcommittee	Conference Room 17
	Membership Recruitment, Retention & Rules	Conference Room 11
	Newsletter	Conference Room 7
3:00 рм – 5:00 рм	EXHIBIT HALL OPENS	Salons E-F
3:00 PM - 4:00 PM	COMMITTEE MEETINGS	
	Academy Outreach	Conference Room 11
	Consultant Education Outreach	Conference Room 3
	GLP Education & Outreach	Conference Room 8
	Leadership Program	Conference Room 18
	Researcher Education Outreach	Conference Room 13
3:30 РМ – 4:00 РМ	COMMITTEE MEETINGS	
	Grievance & Ethics	Conference Room 19
4:00 рм – 5:00 рм	COMMITTEE MEETINGS	
	Gov't Affairs Overall Committee	Conference Room 16
	Certi ication Board	Conference Room 19
5:00 РМ — 5:30 РМ	PAST PRESIDENT'S COUNCIL	Conference Room 18
5:30 рм - 6:30 рм	NEW MEMBERS' AND FIRST TIMERS' RECEPTION (By invitation only)	Salons A-B
6:30 PM - 8:00 PM	SUSTAINING MEMBERS' RECEPTION (By invitation only)	Salons C- D
8:00 рм - 11:30 рм	CHARITY POKER GAME	Conference Rooms 20-21

Thursday, January 18, 2024

7:00 AM - 7:45 AM **CONTINENTAL BREAKFAST** Salons E-F

7:00 AM - 5:00 PM **REGISTRATION** Reg Desk 2 Ballrm Foyer



7:45 AM - 10:00 AM CONCURRENT BREAKOUT SESSION

TRACK | & || Moderator: Keith Jones Salons H-L

CHANGES FEDERAL REGULATIONS

7:45 AM – 8:30 AM Impacts of the Endangered Species Act

Jan Matuszko, Director, Environmental Fate and Effects Division

U.S. Environmental Protection Agency, Washington, DC

8:30 AM – 9:15 AM Microbial Pesticide Regulations and Release Permits

Douglas W. Grant, PhD, Director,

BRS Regulatory Operations Programs, USDA-APHIS Biotechnology Regulatory Services, Ft Collins, CO

9:15 AM - 10:00 AM **Panel Discussion**

Researchers: Steve West, Research Designed for Agriculture, Yuma, AZ

Richard Shaw, AgriThority, LLC, Kansas City, MO

Consultants: James Todd, Todd Ag Consulting, LLC., Plainview, TX

Steve Hoffman, InDepth Agronomy, Manitowoc, WI

Industry: Baris Ruben, Corteva Agriscience, Indianapolis, IN

Mike Leggett, ISK Biosciences Corporation, Washington, DC

TRACK III Moderator: Angela Fuller Salon I

QA START TO FINISH

7:45 AM – 8:05 AM Preparing For An Inspection: ALL ABOARD

Amanda Stanley, Symbiotic Research, LLC, Budd Lake, NJ

8:05 AM – 8:30 AM **Auditing e-Data**

Kimberly Hill, BASF Corporation, RTP, NC

 $8:30~\mbox{AM} - 8:55~\mbox{AM}$ Practical Calculations for QA or the Math and

Science You Already Know but Do We Have to?

Don Mayer, Don Mayer Quality Consulting, Inc., Chardon, OH

8:55 AM – 9:20 AM **QA vs QC: Understanding the Difference**

Kimberly Wilder, Bayer CropScience, Chesterfield, MO

9:20 AM – 9:45 AM One Sponsor's Guide to CRO Facility Inspections

Kimberly Brown, Syngenta Crop Protection, Greensboro, NC

9:45 AM - 10:00 AM **Q&A**



8:30 ам – 9:25 ам	SPOUSE / GUEST COFFEE	Conference Room 18
9:30 AM - 3:00 PM	SPOUSE / GUEST - BEST OF SAN ANTONIO TOUR / GIVE BACK	
	Buses Depart from Commerce Street Entrance	
	(between the Hotel Front Desk and the Tributary Restaura	ant)

10:00 AM – 10:45 AM BREAK / EXHIBITS OPEN Salons E-F

PLENARY SESSION

10:45 ам – 10:50 ам	Welcome Debra Stroschein, Chair, Annual Meeting Coordination Committee Research 2000, Chico, CA	Salons H-L
10:50 ам-11:00 ам	2023 President's Address Clark Poppert, ServiTech, Inc., Geneva, NE	
11:00 АМ-11:05 АМ	FEAE President Address	

Dennis Hattermann, Ph.D., Landis International, Valdosta, GA
11:05 AM – 11:15 AM **2023 Leadership Presentation**

Sam Bledsoe, Eurofins Agroscience, LLC, Columbia, MO

11:15 AM – 12:15 PM **FEAE's Richard L. Jensen, Ph.D. Memorial KEYNOTE ADDRESS: Farmers Vs. Foodies**

Ray Starling, AimPoint Research, Columbus, OH

12:15 PM – 2:00 PM NETWORKING LUNCHES

(on your own)

NEW MEMBERS' BOOT CAMP Salon M

QA MENTORING LUNCHEON Salon D

(reservations required)

GLOBAL ALLIANCE OF INDEPENDENT AGRICULTURAL Salons H-L

CONSULTANTS (GAIAC) ANNUAL MEETING

AND INFORMATION SESSION

You are welcome to bring your lunch to the meeting

2:00 PM- 3:30 PM **CONCURRENT BREAKOUT SESSION**

TRACK I & II Moderator: Josh Arnold Salons H-L



EMERGING & EVOLVING TECHNOLOGY SESSIONS

Seed-Spec: A Native Seed Blend Development ToolJames Locke, Bamert Seed Company, Muleshoe, TX

Crop Protection Network Field Crop Disease and Insect Defoliation Severity Web Tool

Kiersten Wise, Crop Protection Network, Princeton, KY

Precision Technologies in Agriculture: Data-Driven Decision MakingMarcio Albuquerque, Falker, Porto Alegre/RS, Brazil

TVE29: New Mode-of-Action Herbicide for Grass Weeds V. Bruce Steward, Ph.D., FMC, Choctaw, OK

What's New in ARM?

Matt Elsinger, GDM Solutions, Inc, Brookings, SD

Frontiers in Crop Nutrition Technology: Sulfur Karl Wyant, Ph.D., Nutrien, Deerfield, IL

The Ever-Evolving eStudy PlatformDaniel Thompson, iAdvantage Software, Inc., Cary, NC

N-Time: Image-Based Agronomic Intelligence for Optimal Nitrogen Management

Jackson S. Stansell, Sentinel Fertigation, Lincoln, NE

Unlocking the Potential of Soil DNA Analytics to Increase On-Farm Productivity

John Grandin, Trace Genomics, Ames, IA

Overcoming Challenges of Testing BiologicalsGloverson Moro, PhD, AgriThority, Kansas City, MO

Automating On Farm Performance Testing on Commercial Farms Nick Cizek, FarmTest, LLC, Stanford, CA

Emerging Pesticides Technologies and the Endangered Species Act Ashlea Frank, Compliance Services International, Boerne, TX

Navigating the Ag Innovation Landscape: A Proven Roadmap to Commercial Success

Ned French, PhD, agrobionics, Little Rock, AR

NimaxxaTM Bionematicide for Corn and Soybeans Scott Ludwig, Ph.D., UPL, Arp, TX

TRACK II

CLIENT NETWORKING TIME

One and a half hours have been set aside so researchers may attend the Emerging and Evolving Technology Session or meet with sponsors/clients. This session is "on your own" and NAICC will not set up appointments. Please make your own plans to visit with your peers.

TRACK III Moderator: Randy Fuller Salon I

REGULATORY AGENCY UPDATE

2:00 PM – 2:25 PM **EPA Perspective And Program Update**Francisca Liem, US EPA, Washington, DC

2:25 PM- 2:50 PM USDA Perspective

Doug Grant, USDA-APHIS, Ft. Collins, CO

2:50 PM – 3:15 PM Standard Council of Canada Perspective

Jason Hachey, Standard Council of Canada, Ottawa, ON

3:15 рм – 3:30 рм **Q&A**

3:30 PM – 4:15 PM BREAK / EXHIBITS OPEN Salons E-F

4:15 PM – 5:30 PM **CONCURRENT BREAKOUT SESSION**

TRACK | & || Moderator: Anna Meszaros Salons H-L

WEED MANAGEMENT USING PRECISION AG OR AI

4:15 PM – 4:45 PM How Al Will Impact Weed Management Today

and in the Future

Nathan Boyd, Ph.D., University of Florida, Gainesville, FL

4:45 PM - 5:15 PM Understanding the Science Behind Weed Management

Adam Hixson, BASF Corporation, Lubbock TX

5:15 PM - 5:30 PM **0&A**

TRACK III Moderator: Jennifer Jarrell/Lori Rodaway Salon I

4:15 PM - 4:50 PM QA ROUNDTABLE DISCUSSION

5:30 PM - 7:30 PM OUTGOING PRESIDENT'S RECEPTION / Salons E-F

EXHIBIT HALL EXTRAVAGANZA



Friday, January 19, 2024

7:00 AM - 7:45 AM CONTINENTAL BREAKFAST Salons E-F

Exhibits Open

7:30 AM – 8:30 AM ALLIED INDUSTRY COMMITTEE Conference Rooms 1-2

7:45 AM - 10:00 AM CONCURRENT BREAKOUT SESSION

TRACK I Moderator: Hank Jones Salon J

PESTICIDE RESISTANCE

7:45 AM – 8:25 AM **Bt Resistance**

David Kerns, Ph.D., Texas A&M, College Station, TX

8:25 AM – 9:05 AM Insect Resistance

Dominic Reisig, NC State University, Raleigh, NC

9:05 AM – 9:35 AM Herbicide Resistance

Larry Steckel, Ph.D., University of TN, Jackson, TN

TRACK II Moderator Kevin Howard Salons H-L

FIELD TRIALS: HARMONIZATION

Agro-Pheno Expert Group (APEG) representing

Crop Life International (CLI)

Duška Stojšin, Bayer CropScience, St Louis, MO

Panel Discussion

Leslie Fuquay, Syngenta Crop Protection, RTP, NC Brad Franklin, BASF Corporation, RTP, NC Doug Nuble, Corteva Crop Science, Johnson, IA

TRACK III Moderator: Angela Dawson Salon I

ELECTRONIC DATA INTEGRITY: NEW CHALLENGES & OPPORTUNITIES IN THE MANAGEMENT OF ELECTRONIC DATA, ELECTRONIC SIGNATURES, ELECTRONIC ARCHIVES & CYBERSECURITY

Panel Discussion

Kathleen Meagher, ICMS, Inc., Portage la Prairie, MB Chuck Miles, Bayer CropScience, Chesterfield, MO Matthew Riggsbee, Syngenta Crop Protection, RTP, NC Randy Fuller, IntegriQual, LLC, Lexington, KY



10:00 AM - 10:30 AM BREAK / EXHIBITS OPENSalons E-F10:30 AM - 11:45 AM NAICC BUSINESS MEETINGSalons H-L

10:45 AM – 1:00 PM **EXHIBITOR BREAKDOWN**

12:00 PM – 2:00 PM PRESIDENT'S LUNCHEON AND AWARDS Salons G-M

CEREMONY

2:00 PM - 3:30 PM CONCURRENT BREAKOUT SESSION

TRACK I Moderator: James Todd Salon J

FERTILIZER SUPPLY CHAINS & OTHER WORLDWIDE INFLUENCES ON FERTILIZER & ON FARM RESEARCH RESULTS

2:00 PM – 2:30 PM Industry Consolidation and the Difficulties Facing US Supply Chain

Toby Hlavinka, American Plant Food Corporation, Galena Park, TX

2:30 PM – 3:00 PM Worldwide Influences on Fertilizer

Zach Strum, CHS, Inc., Grove Heights, MN

3:00 PM – 3:30 PM **On-Farm Research Results**

Ted Hoffman, InDepth Agronomy, Manitowoc, WI

TRACK II & III Moderator: Annette Leslie Salons H-L

ESTABLISHING A QUALITY CULTURE WITHIN AN ORGANIZATION

2:00 PM – 2:20 PM Quality Culture: Incorporating Quality Principles

Across Your Organization

Jenn Cypher, Stone Environmental, Montpelier, VT

2:20 PM – 2:40 PM **Acclimation & Engagement: Onboarding Tips for**

the New QA Auditor

Madison Stanley, Syngenta Crop Protection, RTP. NC

2:40 PM – 3:00 PM Successfully On-Boarding New Research Staff

Lee West, Research Designed for Agriculture, Yuma, AZ

3:00 PM – 3:20 PM **Can Regulations & Science Coexist? Establishing**

a Quality Culture?

Randy Fuller, IntegriQual, LLC, Lexington, KY



3:20 PM - 3:30 PM **Q&A**

3:30 PM – 4:00 PM **REFRESHMENT BREAK** Salons I-J Foyer

4:00 pm - 5:30 pm CONCURRENT BREAKOUT SESSION

TRACK | Moderator: Hank Jones Salon J

CONSULTANTS ROUND TABLE DISCUSSIONS

TRACK II Moderator: Fred Rice Salons H-L

HOW TO IMPROVE THE QUALITY OF GLP FIELD NOTEBOOKS

GLP Field Notebooks: Makin' It Real

Denise Wright, Pest Management Enterprises, Chenneyville, LA

QA Perspective on GLP Field Notebooks: Makin' Sure It's Real

Carla Knipp, Knipp Consulting, LLC, Tipton, MO

Study Director Perspective on GLP Electronic Notebooks –

Reality in Real Time

Laura Seastrum, Global Ag Development Corporation, Cary, NC

Study Director Perspective on GLP Paper Notebooks - The Reality

Michelle Baillargeon, The Carringers, Oak Ridge, NC

TRACK III Moderator: Jennifer Jarrell Salon I

GLP GAMESHOW (WHEEL OF GLP FORTUNE)

6:30 - 10:30 PM

FRIDAY NIGHT NETWORKING

FIESTA! Interactive Games & Live Entertainment Salons E-F

Saturday, January 20, 2024

8:00 AM - 12:00 PM **EXECUTIVE BOARD MEETING**

King William • 2ND Floor

9:00 AM- 3:30 PM

GROUP TOUR - ADVENTURES IN SAN ANTONIO

Buses Depart from Commerce Street Entrance

(between the Hotel Front Desk and the Tributary Restaurant)



SPECIAL THANKS TO

ANNUAL MEETING COORDINATION

Debra Stroschein, Chair and Board Liaison

Casey Carr

Jennifer Jarrell

Anna Meszaros

Lori Rodaway

CONSULTANT EDUCATION SUBCOMMITTEE

Casey Carr,

Chair

Matt Brugger

Bill Cox

Daniel Fowler

Jason Fussy

Hank Haddock

Steve Hoffman

Ted Hoffman

Hank Jones

Brooke Knudsen

Ethan Partch

Bill Peele

Ben Prusa

Bill Schaumberg

James Todd

Debra Stroschein, Board Liaison



ANNUAL MEETING COORDINATION COMMITTEES

QUALITY ASSURANCE EDUCATION SUBCOMMITTEE

Jennifer Jarrell, Co-Chair

Co-Criair

Lori Rodaway,

Co-Chair

Danielle Canning

Jenn Cypher

Renee Daniel

Angela Dawson

Angela Fuller

Randy Fuller

Deb Green

Camille Holladay

Tracy Knerrer

Annette Leslie

Kathleen Meagher

Chuck Miles

Heather Moore

Matthew Riggsbee

Lisa Smith

Ray Smith

Amanda Stanley

Valen Straub

Lee West

Amanda Winslow

Jenn Wyman

Debra Stroschein, Board Liaison

RESEARCH EDUCATION SUBCOMMITTEE

Anna Meszaros, Melissa Nelson

Chair Fred Rice

Kaitlin Hadaway Richard Shaw

Kevin Howard Tom Walters

Kyle Kepner Steve West

Phillip Martin Debra Stroschein,

David Moore Board Liaison



NOTES TO TO TO TO



NOTES TATEMENT



NOTES TO TO TO TO



NOTES TATEMENT

