



# Gateway To Ag Careers

Marilyn Hunter

Conference Committee GTAC Coordinator

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2019 Annual Conference



# Introductions – College Students

- Name
- School you attend
- Major
- Plans when you graduate
- Why you were interested in attending the AgGateway Conference
- What is one thing your would like to do while you're here?

# AgGateway Members

- Name
- Company & Title
- Council/Role you represent
- Why do you attend AgGateway meetings?
- What is one thing your would like to do while you're here?

# Students and Mentors

- Andrew Balmos – Eric Hoefing
- Lexi Freund – Darlene Gibson
- Sydney Groom – Julie Benick
- Nora Kraus – Mike Carrabine
- Matthew Rogers – Randy Fry
- Andrew Thilges – Jeff Griffeth
- Rian Wanstreet – Steve Oberlander



# Overview of AgGateway

Marilyn Hunter

AgGateway Director, Member Relations

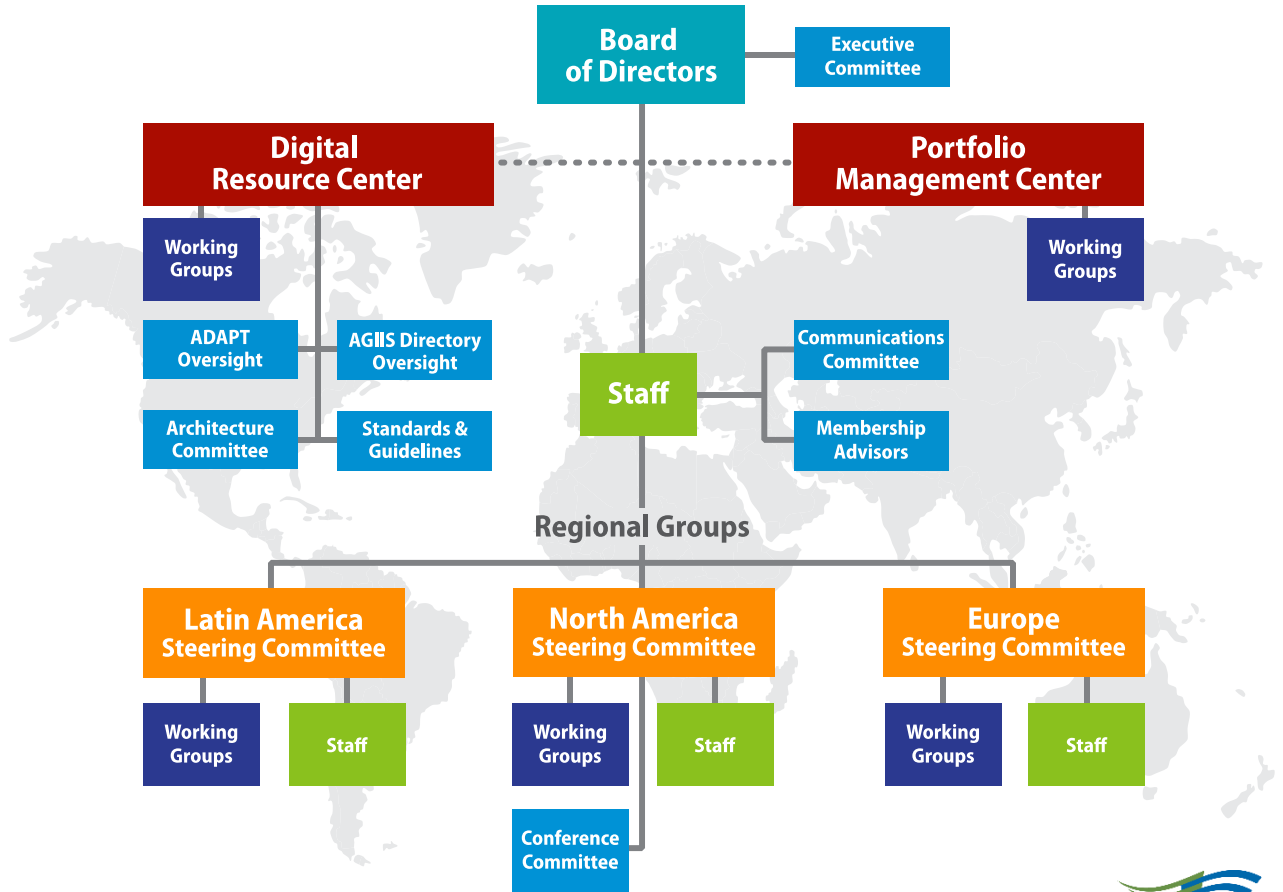
Formed in 2005

# AgGateway's Vision & Mission

- **Our Vision:** AgGateway is the trusted leader in facilitating digital agriculture, enabling our members to create value through digital connectivity and seamless exchange of information.
- **Our Mission:** to promote and enable the industry's transition to digital agriculture, and expand the use of information to maximize efficiency and productivity

# Structure of AgGateway







# Global Synergy

- Promote the consistent implementation of standards across regions
- Seek to understand and accommodate variance in regional requirements and processes.
- Leverage synergies between regions – apply resources and lessons learned so that implementation is easier and faster everywhere.

# Activities – North America

- Interoperability in Field Operations
  - ADAPT & ISO Plug in
- Traceability (Crop Protection, Seed & Grain)
  - Identified numerous points in supply chain to improve digital connections & data requirements
- Channel Integrity & Product Traceability
  - Provide better product stewardship
  - Boost inventory control & ability to track product
- Smarter Irrigation
  - Growers to evaluate weather, soil, and crop data for smarter energy and water use.

# Activities – North America

- Testing Group
  - Timely and effective soil, tissue, nematode and water testing are KSF for ag
- Product Catalog
  - Plan to offer branded online store services to retail members.
- Aerial Imagery (Remote Sensing)
  - PICS helps growers bring the images into their farm management system and convert them into actionable information
- Seed Messages
  - Just published new messages for seed transfers, returns, replants and license & zone management
- Mixed Ticket
  - Published version 1 - a message to support blending processes, for fertilizer blending equipment. Working on version 2.

# Activities – Europe

- Farm & Crop Field Identification
  - Enable the linkage of crop-related data from different industry sources through standardized identifiers
- Soil & Weather Data
  - Assists growers in recording the weather and soil conditions using the tractor cab terminal during spraying.
- Potato Production Chain Data Exchange
  - Goal is to support precision farming in growing, harvesting and storing potatoes with M2M standards
- Milking Robots
  - Easier exchange of data between milking and feeding equipment for grower systems

# Activities - Europe

- Climate Computers
  - Develop a standard interface to exchange data with computers in the pork, and poultry production through sensor-based monitoring of animal and plant production
- Slaughter Results
  - Develop a standard for exchanging slaught reports from the slaughterhouses to farmers and accountancy

# Activities – Latin America

- Interoperability
  - Assessing how ADAPT software can be implemented to support crop production in Brazil (including sugar cane)
- Data Soil Labs Integration
  - To explore ways to better integrate and convert data units that come from the soil labs in Brazil
  - Utilizing that data to make better use of this critical data in make decisions and recommendations