



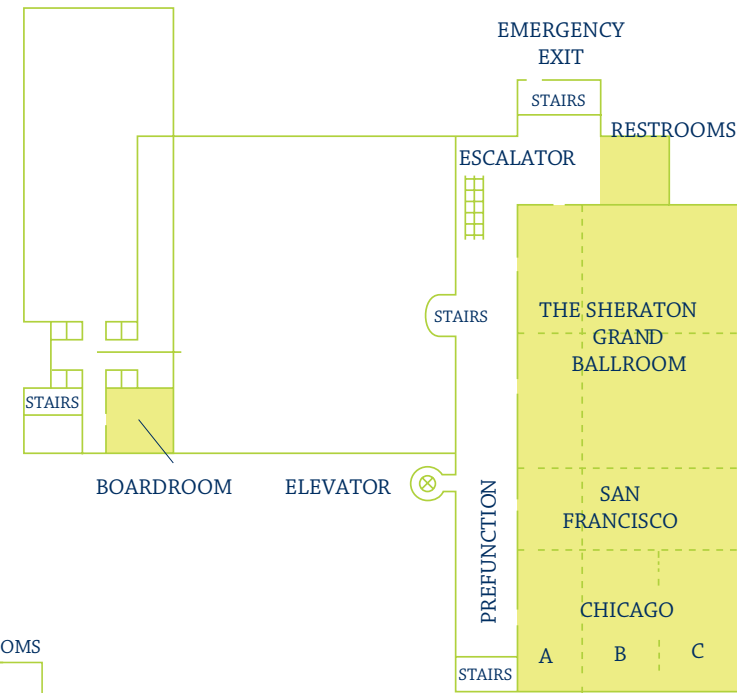
National Agriculture in the Classroom Conference

Sheraton Kansas City Hotel at Crown Center | June 20-23, 2017

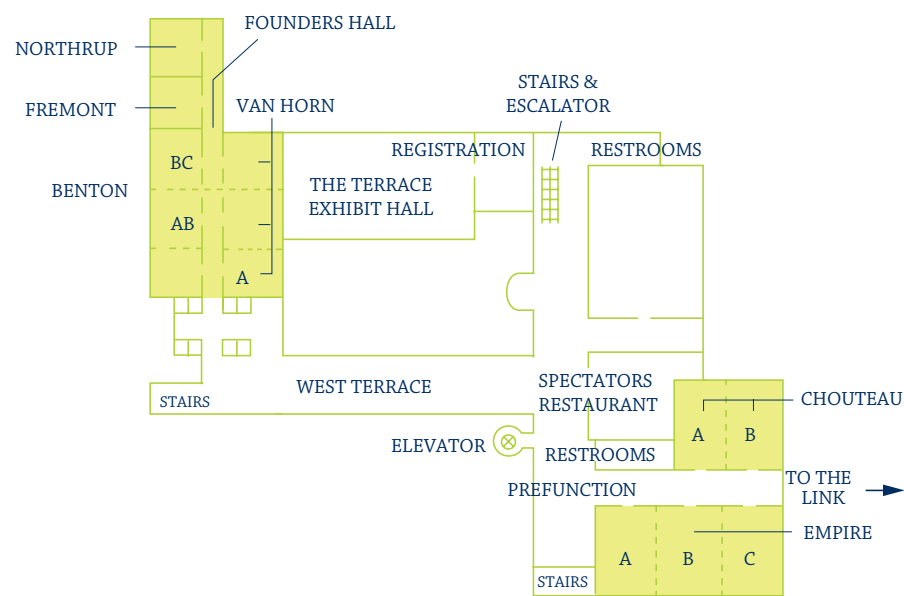


MEETING SPACE

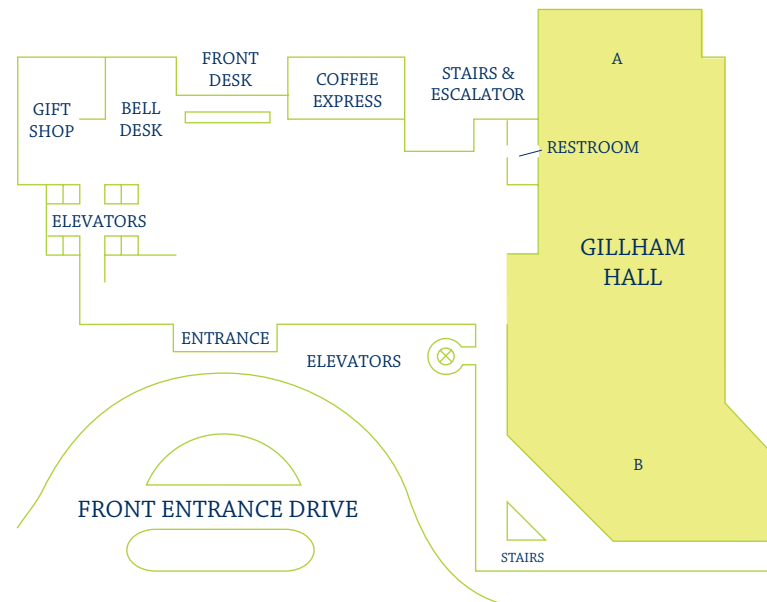
BALLROOM LEVEL



MEZZANINE LEVEL



LOBBY LEVEL



WELCOME

TO THE 2017
NATIONAL AGRICULTURE IN THE CLASSROOM
CONFERENCE

KANSAS CITY, MISSOURI





TABLE OF CONTENTS

GENERAL INFORMATION

Welcome	5-6
About Agriculture in the Classroom.....	7
Message From the USDA-NIFA Director.....	8
Message From the NAITCO President.....	9
State Contacts By Region.....	11-14
Traveling Workshops	15-16

AGENDA

Schedule At-A-Glance	19-25
Presenter Listing.....	26-37
Wednesday.....	41-44
Thursday.....	47-54
Friday.....	57-58

AWARDS

Ag Advocate.....	61
Excellence in Teaching About Agriculture	62
White-Reinhardt.....	63
CHS Teacher Scholarships.....	64-65
State Teachers of the Year	66

SPONSORS AND EXHIBITORS

Sponsors/Exhibitors.....	69-75
Exhibit Map.....	74
Participant Listing.....	77-79
Schedule-At-A-Glance	80

WELCOME TO MISSOURI

Welcome to Missouri...the *Show Me State!* Gaining statehood in 1821 to become the 24th state, Missouri has a rich history of famous people and places.

Names such as artist George Caleb Bingham and painter, muralist and printmaker Thomas Hart Benton; entrepreneurs James Case (JC) Penney and Dale Carnegie; military leaders Generals John J. Pershing and Omar Bradley; author/humorist Samuel Langhorne Clemens (Mark Twain) and Laura Ingalls Wilder; journalist Walter Cronkite, film, animation pioneer and innovator Walt Disney and TV host Bob Barker; scientist, botanist and educator George Washington Carver and leading astronomer Edwin Hubble are a short list of famous Missourians. The list would not be complete without including Harry Truman who served as the 33rd President of the United States. The Harry S. Truman Presidential Library and home is located near Kansas City in Independence.

Agriculture is Missouri's number one industry! According to the 2016 Economic Contributions of Agriculture and Forestry Report, the industry has an \$88.4 billion economic impact. Some 378,232 jobs are attributed to agriculture, forestry and related industries generating \$17.5 billion in labor income.

Missouri agriculture is diverse and ranks among the states as second in number of farms. From livestock to crops to forestry and value added industries, our state proudly celebrates the important contributions of agriculture. The topography allows our state to grow traditional crops of corn, soybeans, wheat and hay but in the SE part of the state, cotton and rice are also grown. Livestock is scattered across the state with a concentration of poultry in the SW corner.

The *Show Me State* is delighted to host the 2017 National Agriculture in the Classroom Conference. Enjoy the beauty and rich history of Kansas City and its connection to agriculture.

Diane S. Olson, Director

*Promotion and Education Programs-Missouri State Contact for Agriculture in the Classroom
Missouri Farm Bureau*



WELCOME TO NATIONAL AGRICULTURE IN THE CLASSROOM CONFERENCE



Thank you for taking time from your busy summer to attend the National Agriculture in the Classroom National Conference 'Show Me Agriculture' for 2017. The national conference planning committee has been hard at work this year to make sure the workshops and general sessions you attend will be some of the best in K-12 agricultural literacy outreach.

After all, you can effectively teach reading, writing, science, social studies, nutrition and more using agricultural concepts in K-12 classroom instruction. You'll learn how by attending workshops and networking with other teachers and educators at our conference.

Hosting the national conference has truly been a team effort between the National Agriculture in the Classroom Organization (NAITCO), the Central Region Agriculture in the Classroom states and state host Missouri Agriculture in the Classroom and Missouri Farm Bureau. You will find State Contact Diane Olson and her volunteers have taken their state slogan seriously as you listen to keynote speakers and participate in traveling workshops and pre-and-post tours representative of the 'Show Me' state.

Please take time to carefully evaluate the conference afterward. We take into consideration every comment, and make changes accordingly when we can. But we can't improve our conference without feedback from you.

Though I'm new as NAITCO's full-time executive director, I'm not new to the program and its national conference, which is the organization's crown jewel. The 2017 national conference is my 14th with the organization, which I attended during my tenure as executive director of Florida Agriculture in the Classroom. My goal is to make the national conference the best it can be and I look forward to working with you to make it so. Please feel free to seek me out during the conference and let me know your thoughts.

Now let Kansas City, Missouri 'Show Me Agriculture!'

— Lisa Gaskalla
National Agriculture in the Classroom Organization Executive Director

ABOUT AGRICULTURE IN THE CLASSROOM

The Agriculture in the Classroom Mission and Vision

The mission of Agriculture in the Classroom is to "increase agricultural literacy through K-12 education." An agriculturally literate person is defined as "one who understands and can communicate the source and value of agriculture as it affects quality of life." Agriculture in the Classroom (AITC) programs seek to improve student achievement by applying authentic, agricultural-based content as the context to teach core curriculum concepts in science, social studies, language arts and nutrition. By encouraging teachers to embed agriculture into their classroom, AITC cultivates an understanding and appreciation of the food and fiber system that we all rely on every day. AITC's vision that "agriculture is valued by all" is unique within the agricultural education community and positions itself as the lead organization to serve the full spectrum of K-12 formal education.

Agriculture in the Classroom Program Structure

The National Agriculture in the Classroom Organization (NAITCO) and the U.S. Department of Agriculture (USDA)–Agriculture in the Classroom Team, support state programs by providing a network of opportunities to improve agricultural literacy – awareness, knowledge, and appreciation – among PreK-12 teachers and their students.

State Agriculture in the Classroom programs are implemented by each state according to state needs and interests. Depending on how state governments implemented their programs with the request from USDA in 1981, state AITC programs may be housed in farm organizations, private associations, foundations, institutions of higher education, or within governmental organizations.

The USDA provides program guidance and grants to the NAITCO to develop and conduct programs and initiatives that meet the overall mission and goals for advancing agricultural literacy. Specifically, USDA- NIFA supports: an annual national conference; a national website and online curriculum map and resource directory; professional development for state contacts, and regional AITC meetings.

NAITCO is a professional networking organization for state programs. Its purpose is to assume and maintain a national leadership role in promoting agricultural literacy with the vision that "agriculture is valued by all!"



MESSAGE FROM THE USDA-NIFA DIRECTOR



United States Department of Agriculture
National Institute of Food and Agriculture

It is my great pleasure to welcome you to the 2017 Agriculture in the Classroom (AIRC) National Conference. The National Institute of Food and Agriculture (NIFA) is pleased to support the conference's exciting educational opportunities, including workshops, the many outstanding speakers, and professional networking opportunities.

For several decades, AIRC educators have brought the science of food and agriculture into classrooms across America and around the world via web-based programs. Our ability to feed the projected 2050 world population of more than 9 billion in the context of climate change, diminishing land and water resources, changing incomes, increasing obesity rates, and the need for better nutrition and health outcomes will require us to help develop the next generation of the agricultural workforce, including producers, extension professionals, scientists, and other workers. The AIRC programs and educators are a critical part of our efforts to achieve the same.

AIRC has risen to that challenge since 1977, starting with Jean Ibendhal, a woman farmer and teacher in Tamaroa, Illinois. In 1981, then-Secretary of Agriculture John Block created a task force that ultimately created the nationwide AIRC program. Today's AIRC staff and volunteers have tools that Ms. Ibendhal and Secretary Block probably could not have envisioned, including the National Agricultural Literacy Curriculum Matrix, an online, searchable, and standards-based curriculum map for K-12 teachers. We are pleased to continue support of this long, creative legacy and program stewardship.

Our nation is truly fortunate to have the state AIRC contacts, staff, and volunteers who dedicate their careers and time to advancing agricultural literacy.

Have a successful 2017 conference. Thank you!

Sonny Ramaswamy
Director, National Institute of Food and Agriculture
United States Department of Agriculture

MESSAGE FROM THE NAITCO PRESIDENT



Dear 2017 National Agriculture in the Classroom National Conference Participants:

On behalf of the National Agriculture in the Classroom Organization (NAITCO) and its state representatives, welcome to Missouri! Thank you for taking time out of your busy summer to join us at the 'Show Me Agriculture' conference. At this educational event you will learn techniques for teaching kindergarten through 12th grade students while incorporating agricultural concepts. All of the agricultural materials, events, and workshops will showcase integrated agriculture education for reading, writing, math, art, nutrition, STEM, social studies and more!

We have come a long way since Agriculture in the Classroom began in 1981. NAITCO, which hosts this event each year, now represents 47 states and six territories and reaches more than 6 million students and 121,000 educators annually.

Our mission is to provide educational materials and training opportunities to help teachers use agricultural concepts to strengthen their classroom instruction. Our task is becoming increasingly important as Americans become more and more removed from the source of their food, fiber and fuel. Simply stated, we have a lot of work to do, and we hope that you will join us in this task.

We constantly look for ways to meet your classroom's agricultural literacy integration needs. This year we worked on several programs to meet this need including: A school garden program with Tractor Supply Co.; an interactive educational game platform called 'Journey 2050' to educate middle and high school students about sustainability as it relates to agriculture with Agrium; and a STEM on the Farm Beef program to educate District STEM coordinators about agriculture with American Farm Bureau Foundation for Agriculture.

In addition, NAITCO's National Agricultural Literacy Curriculum Matrix continue to expand its offering of hundreds of K-12 lesson plans and companion videos, books, activities and more, that are searchable by subject area, grade level, keyword and educational standard. This state-of-the-art collection of educational resources is correlated to national educational standards, free of charge

and easy to use for educators looking for innovative ways to teach complicated subject matter such as plant nutrients, food science and more. Please visit <http://www.agclassroom.org/teacher/matrix/> to learn more about a world of free resources available to you.

Our goal with the national conference is to provide a productive learning and networking environment for teachers and educators who attend. We also will take this opportunity to recognize the outstanding work done by classroom teachers everyday. Eight teachers will be awarded the National Excellence in Teaching about Agriculture award sponsored by the U.S. Department of Agriculture and Farm Credit. Others will be recognized for receiving the White-Reinhardt Scholarship from the American Farm Bureau Women's Leadership Committee. Each state's outstanding teacher winner will be introduced. In addition, we will recognize an outstanding Informal educator as part of the Agriculture Advocate of the Year Award sponsored by National Grange.

We strive to give you new ideas and teaching strategies to energize your classroom instruction and make learning fun for you and your students. Hosting the national conference is a lot of work so a special 'thank you' to Missouri's Agricultural Literacy Program and the Central Region Agriculture in the Classroom states for graciously hosting what promises to be a great national conference.

Finally, we encourage you to participate in our silent and live auctions during the conference, proceeds of which support the work of NAITCO.

It's been a pleasure to serve as president of NAITCO this past year, and I extend a big 'thank you' to our team and the teachers attending the conference for working hard throughout the school year to bring agriculture to life in classrooms across the country.

Chris Fleming

NAITCO President and Tennessee State Contact



EVERY GENERATION NEEDS ITS LEADERS.

As a farmer-owned cooperative, we help lead the agricultural industry by promoting the most innovative, responsible farming practices available today. And we want to make sure that the next generation of leaders is well trained for tomorrow. That's why we proudly support youth leadership programs like FFA. It's also why we've invested in scholarships and countless land-grant university initiatives across the country. At CHS, we know every generation needs its leaders. And every potential leader needs a little help becoming one.

Visit chsinc.com/stewardship to learn more about our ongoing commitment to leadership.



STATE CONTACTS BY REGION

NATIONAL AGRICULTURE IN THE CLASSROOM

National Project Director and Website Administrator

Debra Spielmaker, Ph.D.
National Project Director
Utah State University School of Applied Sciences,
Technology & Education
Phone: 435.213.5562 | debra.spielmaker@usu.edu

National Program Leader

Victoria LeBeaux, Ph.D.
National Program Leader
Division of Community and Education (DOCE)
Institute of Youth, Family, and Community (IYFC)
USDA – National Institute of Food and Agriculture
Phone: 202.720.2067 | Victoria.S.LeBeaux@nifa.usda.gov

National Agriculture in the Classroom Organization

Lisa Gaskalla, NAITC Executive Director
Florida Agriculture in the Classroom
19 River Oaks Way
Palm Coast, FL 32137
Phone: 352.745.0246 | info@naitco.org

Kendra Dustin, Development Director
Phone: 208-859-6780 | funding@naitco.org

NAITC REGIONS

Western Region

Alaska
Arizona
California
Colorado
Hawaii
Idaho
Montana
Nevada
New Mexico
Oregon
Utah
Washington
Wyoming

Central Region

Illinois
Indiana
Iowa
Kansas
Michigan
Minnesota
Missouri
Nebraska
North Dakota
Ohio
South Dakota
Wisconsin

Southern Region

Alabama
Arkansas
Florida
Georgia
Kentucky
Louisiana
Mississippi
North Carolina
Oklahoma
South Carolina
Tennessee
Texas
Virginia

Eastern Region

Connecticut
Delaware
Maine
Maryland
Massachusetts
New Hampshire
New Jersey
New York
Pennsylvania
Rhode Island
Vermont
West Virginia
District of Columbia

STATE CONTACTS

Alabama

Ms. Kim Ramsey
Alabama Agriculture in the Classroom
P.O. Box 11000
Montgomery, AL 36191-0001
P: 334.612.5370
E: kearwood@alfafarmers.org

Alaska

Ms. Melissa Sikes
Alaska Agriculture in the Classroom
590 University Ave Suite 2
Fairbanks, AK 99709
P: 907-479-1213 x105
E: alaska.aginthe classroom@gmail.com

Arizona

Ms. Monica Pastor
University of AZ College of Ag & Life
Sciences
Cooperative Extension
4341 E. Broadway Rd.
Phoenix, AZ 85040
P: 602.827.8217
E: mpastor@email.arizona.edu

Arkansas

Mr. Andy Guffey
Arkansas Farm Bureau Federation
P.O. Box 31
Little Rock, AR 72203-0031
P: 501.228.1219
E: andrew.guffey@arfb.com

California

Ms. Judy Culbertson
CA Foundation for Agriculture in the
Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
P: 916.561.5625
E: judy@learnaboutag.org

Colorado

Ms. Bette Blinde
Colorado Foundation for Agriculture
P.O. Box 10
Livermore, CO 80536
P: 970.881.2902
E: bblinde@growingyourfuture.com

Connecticut

Ms. Martha Johnson
Connecticut Agriculture in the
Classroom
P.O. Box 3473
Enfield, CT 06082
P: 802-349-7339
E: martha@cctaef.org

Delaware

VACANT

District of Columbia

Ms. Joan Smith
DC-AITC
1616 H Street, NW, Suite 300
Washington DC 20006
P: 301-758-0836
E: jcsmith3631@gmail.com

Florida

Ms. Becky Sponholtz
Florida Agriculture in the Classroom
P.O. Box 110015
Gainesville, FL 32611-0015
P: 352.846.1391
E: sponholtz@ufl.edu

Georgia

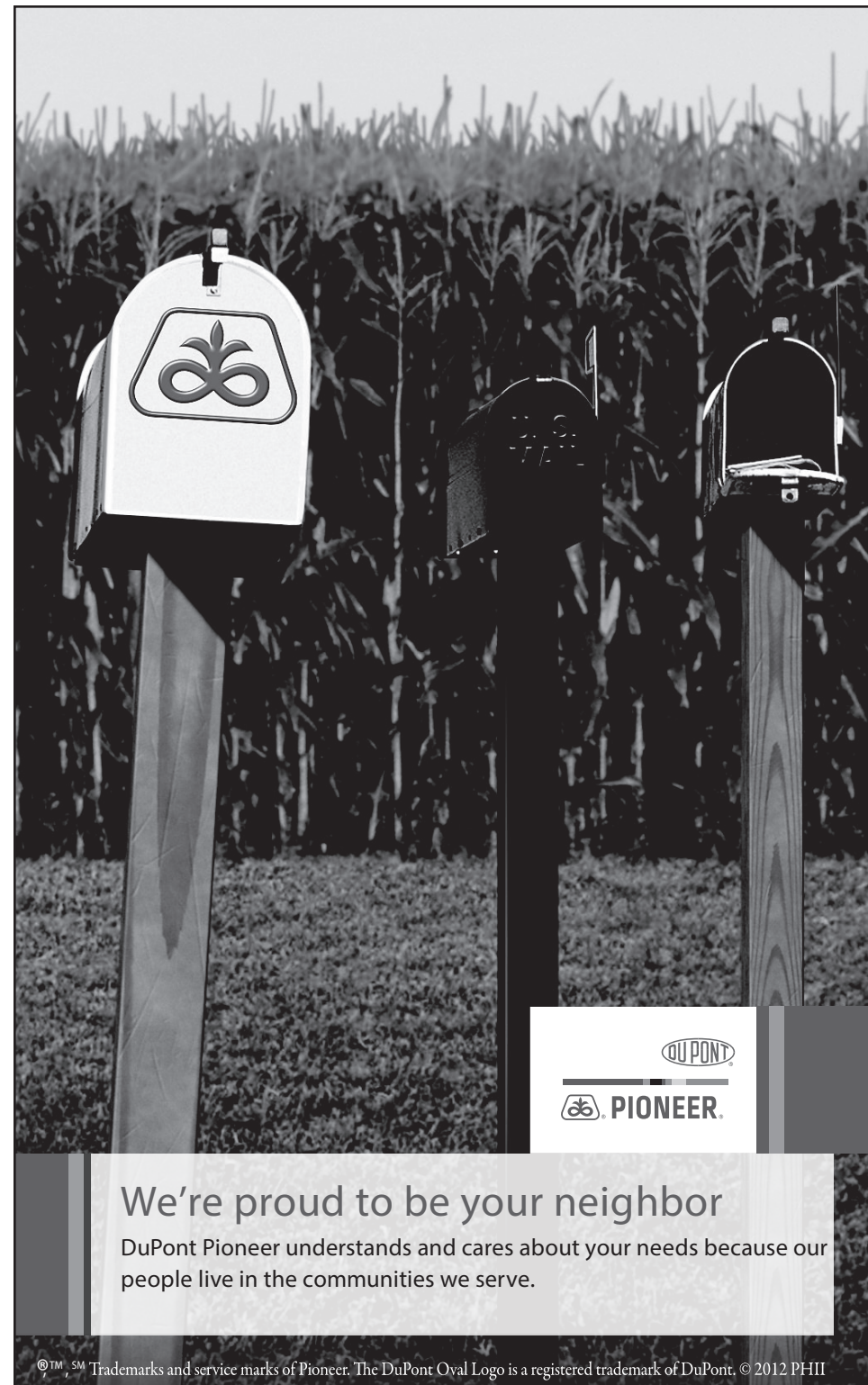
Ms. Donna Rocker
Georgia Farm Bureau Federation
P.O. Box 7068
Macon, GA 31209-7068
P: 478.474.0679
E: dhrocker@gfb.org

Hawaii

Ms. Naomi Kanehiro
Cooperative Extension, University of
Hawaii at Manoa
1955 East-West Road, Room 306
Honolulu, HI 96822
P: 808.956.4124
E: nkanehir@hawaii.edu

Idaho

Mr. Rick Waitley
Idaho Agriculture in the Classroom
55 SW 5th Ave, Suite 100
Meridian, ID 83642-8638
P: 208.888.0988
E: rick@amgidaho.com



®™, SM Trademarks and service marks of Pioneer. The DuPont Oval Logo is a registered trademark of DuPont. © 2012 PHII

Illinois

Mr. Kevin Daugherty
Illinois Agriculture in the Classroom
1701 Towanda Avenue
Bloomington, IL 61702
P: 309.557.3334
E: kdaugherty@iflb.org

Indiana

Ms. Julie Taylor
Indiana Farm Bureau, Inc.
P.O. Box 1290
Indianapolis, IN 46206
P: 317.692.7870
E: jtaylor@infb.org
E: inaitc@infb.org

Iowa

Mr. Will Fett
Iowa Agriculture Literacy Foundation
P.O. Box 14458
West Des Moines, IA 50306-3458
P: 515.331.4182
E: wfett@iowaagliteracy.org

Kansas

Ms. Cathy Musick
Kansas Foundation for Agriculture in
the Classroom
1990 Kimball Avenue
Manhattan, KS 66502
P: 785-320-4350
E: Ksfac@ksu.edu

Kentucky

Mr. Scott Christmas
Kentucky Farm Bureau Federation
P.O. Box 20700
Louisville, KY 40250-0700
P: 502.495.5000
E: Scott.Christmas@kyfb.com

Louisiana

Ms. Lynda Danos
Louisiana Farm Bureau
P.O. Box 95004
Baton Rouge, LA 70895-9004
P: 225.922.6503
E: lyndad@lfbf.org

Maine

Ms. Willie Grenier
Maine Agriculture in the Classroom
28 State House Station
Augusta, ME 04333-0028
P: 207.287.5522
E: maitc@maine.gov

Maryland

Mr. George Mayo
Maryland Agricultural Education
Foundation, Inc.
P.O. Box 536
Havre de Grace, MD 21078
P: 410.939.9030
E: gmayo@maefonline.com

Massachusetts

Ms. Marjorie Cooper
Massachusetts Agriculture in the
Classroom
515 Henshaw St.
Rochdale, MA 01542
P: 508.892.3720
E: massaginclassroom@gmail.com

Michigan

Ms. Tonia Ritter
Michigan Farm Bureau
7373 W. Saginaw Hwy.
Lansing, MI 48909
P: 517.679.5345
E: tritter@michfb.com

Minnesota

Ms. Sue Knott
Minnesota Agriculture in the
Classroom
625 Robert Street North
St. Paul, MN 55155
P: 651.201.6688
E: sue.knott@state.mn.us

Mississippi

Ms. Clara Bilbo
Mississippi Farm Bureau Federation
P.O. Box 1972
Jackson, MS 39215-1972
P: 601.977.4245
E: cbilbo@msfb.org

Missouri

Ms. Diane Olson
Missouri Farm Bureau Federation
P.O. Box 658
Jefferson City, MO 65102
P: 573.893.1414
E: dolson@mofb.com

Montana

VACANT

Nebraska

Ms. Courtney Schardt
Nebraska Farm Bureau Foundation
5225 S. 16th St.
Lincoln, NE 68501
P: 402-421-4461
E: courtneys@nefb.org

Nevada

Ms. Amber Smyer
Nevada Department of Agriculture
405 S. 21st St.
Sparks, NV 89431
P: 775.353.3769
E: asmyer@agri.nv.gov

New Hampshire

Ms. Debbi Cox
New Hampshire Agriculture in the
Classroom
295 Sheep Davis Road
Concord, NH 03301
P: 603.224.1934
E: nhaitc@nhfarmbureau.org

New Jersey

Ms. Carolyn Taylor
New Jersey Agricultural Society
1200 Florence Columbus Road
Bordentown, NJ 08505
P: 609.802.3938
E: learningthroughgardening@gmail.com

New Mexico

Ms. Traci Curry
New Mexico Agriculture in the
Classroom
2220 N Telshor
Las Cruces, NM 88011
P: 575.532.4714
E: agclass@nmflb.org

New York

Ms. Katie Carpenter
New York Agriculture in the
Classroom
Cornell University
Third Floor Kennedy Hall
Ithaca, NY 14853
P: 518.480.1978
E: kse45@cornell.edu

STATE CONTACTS

North Carolina

Ms. Michele Reedy
North Carolina Farm Bureau AITC
P.O. Box 27766
Raleigh, NC 27611
P. 919.719.7282
E: Michele.reedy@ncfb.org

North Dakota

Ms. Ashley Stegeman
North Dakota Department of
Agriculture
600 E. Boulevard Ave.
Bismarck, ND 58505-0020
P. 703-328-4759
E: astegeman@nd.gov

Ohio

VACANT

Oklahoma

Ms. Audrey Harmon
Oklahoma Department of Agriculture,
Food and Forestry
2800 N. Lincoln Blvd.
Oklahoma City, OK 73105
P. 405.740.0160
E: Audrey.harmon@ag.ok.gov

Oregon

Ms. Jessica Jansen
Oregon Agriculture in the Classroom
Foundation
200 Strand Agriculture Hall
Oregon State University
Corvallis, OR 97331
P. 541.737.8629
E: jessica.jansen@oregonstate.edu

Pennsylvania

Ms. Tonya Wible
PA Friends of Ag Foundation
510 South 31st Street
Camp Hill, PA 17011
P. 717.731.3545
E: tdwible@pfb.com

Rhode Island

Rhode Island Farm Bureau
16B Nooseneck Hill Road
West Greenwich, RI 02817
P. 401.385.3339

South Carolina

Ms. Vonne Knight
SC Farm Bureau Agriculture in the
Classroom
P.O. Box 754
Columbia, SC 29202
P. 803.936.4237
E: vknight@scfb.com

South Dakota

Ms. Marsha Kucker
South Dakota Agriculture in the
Classroom
1900 S. Bill Drive
Sioux Falls, SD 57110
P. 605-280-0650
E: marsha.kucker@teachwell.org

Tennessee

Mr. Chris Fleming
Tennessee Farm Bureau Federation
P.O. Box 313
Columbia, TN 38402-0313
P. 931.388.7872
E: cfleming@tffb.com

Texas

Ms. Mona Oney
Texas Farm Bureau
P.O. Box 2689
Waco, TX 76702
P. 254.751.2569
E: monaoney@txfb.org

Utah

Ms. Denise Stewardson
Utah Agriculture in the Classroom
2315 Old Main Hill
Logan, UT 84322
P. 435.797.1592
E: denise.stewardson@usu.edu

Vermont

VACANT

Virginia

Ms. Tammy Maxey
Virginia Foundation for Agriculture in
the Classroom
P.O. Box 27552
Richmond, VA 23261
P. 804.290.1143
E: tammy.maxey@vafb.com

Washington

Ms. Lisa Avery
Washington Agriculture In the
Classroom
975 Carpenter Road NE
Lacey, WA 98516
P. 360.528.2904
E: info@waic.net
Ms. Kristen Hinton
P. 360.770.3383
E: khintonranches@gmail.com

West Virginia

Mr. Mark Riggelman
West Virginia Farm Bureau
62 Farm Bureau Road
Buchannon, WV 26201
P. 304.472.2080 ext. 313
markr@wvfarm.org

Ms. Mary Beth Bennett
West Virginia University Extension
400 W. Stephen St. Ste 302
Martinsburg, WV 25401
P. 304.264.1936
E: MBBennett@mail.wvu.edu

Wisconsin

Darlene Arneson
Wisconsin Farm Bureau
PO Box 5550
Madison, WI 53705-0550
608-828-5644
darneson@wfbf.com

Wyoming

Ms. Jessie Dafoe
Wyoming Agriculture in the
Classroom
P.O. Box 347
Cheyenne, WY 82003
P. 307.369.1749
E: jdafoe@wyaitc.org

NAITC 2017 TRAVELING WORKSHOPS

7:00 a.m. to 11:00 a.m., Wednesday, June 21, 2017

Included with the NAITC conference registration. We will start with a buffet breakfast opening at 6:15 a.m. Come in time to eat before your tours depart at 7:00 sharp.

Traveling Workshops are reserved for full conference registrants only. Sorry, no guests. Traveling workshops are subject to change or cancellation.

TW1: Corn is King!

Ingredient, a leading global ingredients solutions company, turns corn, tapioca, potatoes, strawberries and other crops into ingredients that make crackers crunchy, candy sweet, yogurt creamy, lotions and creams silky, plastics biodegradable and tissues softer and stronger.

TW2: 4-Cs...

Commute, Cash, Cards, Cook!*

Join us on a walking tour. Visit historic 100 year-old Union Station, Hallmark Visitor Center and the Federal Reserve Money Museum. Each offers a unique view related to agriculture. The almost 2-mile walking tour will conclude back at the hotel for a behind the scene glimpse of large scale food service. Wear comfortable walking shoes for this rain or shine walking workshop! *walking workshop

TW4: Making Science Make Sense®

Bayer Animal Health Science's national award-winning program is helping to improve science education and ensure that all individuals are scientifically literate. Bayer demonstrates this commitment with a company-wide initiative that advances science literacy across the U.S. through hands-on, inquiry-based science learning, employee volunteerism and public education.

TW5: Daily Grind!

What would breakfast be without pastries and coffee? Follow wheat through processing at ADM and then drop by the Roasterie for an up-close and personal experience with coffee.

TW6: Yee Haw!

The American Royal, a Kansas City tradition since 1899, evolved to include livestock shows, rodeos and educational programs. Partnering with the MO Agriculture in the Classroom program, they reach some 10,000 students and teachers annually. Visit one of the urban schools that partners with the neighborhood schools program to include agriculture in its curriculum.

TW7: Zoom Zoom Buzz Buzz

Tour the Kansas City Speedway! Experience the track on curves 1&2, tour the pit section, receive lesson plans for math and geography! Tour the Agriculture Hall of Fame – experience interactive lesson plans about pollinators.

TW9: Picture Perfect Gardens:

A Blueprint for Success!

Tour the K-State Research and Extension Horticulture Research Farm. Learn about raised garden beds and low tunnels to extend the growing season. Discuss vegetable crops that grow within school year in different climates. View vegetable plots using trellises. Discuss marketing options for school garden produce. Receive a list of school garden planning and curriculum guides.

NAITC 2017 PRE-CONFERENCE TOUR

An optional tour is being offered at an additional cost. Participants and guests may register for this tour. Space is limited. Tour is subject to changes or cancellation. Minimums (20) and maximums (48) apply.

**Pre-Conference Tour: Independence, MO.....\$75
9:00 a.m. to 4:00 p.m, Tuesday, June 20**

Enjoy a historical adventure in downtown Independence. Visit the Truman Home, the Truman Presidential Library, the Trails Museum, and over 15 other historical sights! Enjoy lunch on your own, and explore the history that Independence has to offer. Includes admission to the Truman Library and the home.



Truman Home, Courtesy of Nationalparks at English Wikipedia



**PROUD TO SUPPORT
NATIONAL AGRICULTURE
IN THE CLASSROOM**

FEEDING HUMAN PROGRESS | LAND O' LAKES, INC.

AGENDA



SCHEDULE AT A GLANCE

TUESDAY, JUNE 20, 2017		
4:00 PM - 9:00 PM	Registration Open	Terrace
8:00 AM - 5:00 PM	Pre-Conference Tour NAITCO Meeting	Independence, MO Chicago AB
WEDNESDAY, JUNE 21, 2017		
6:00 AM - 7:00 AM	Traveling Workshop Breakfast	Gillham Hall
6:00 AM - 9:00 PM	Registration Open	Terrace
7:00 AM - 11:30 AM	Traveling Workshops Exhibit Set-Up Silent Auction Set-Up	Off-Site Terrace San Francisco
11:30 AM - 9:00 PM	Silent Auction Open Exhibits Open	San Francisco Terrace
12:00 PM - 2:00 PM	OPENING LUNCHEON Welcome: Blake Hurst, <i>Missouri Farm Bureau President</i> Keynote Address: 'Why Agriculture Needs a Perception Change' by Tyne Morgan	Ballroom Atlanta– New York
WORKSHOP SESSION 1		
2:15 PM - 3:30 PM	'GMOs: A Hot Topic in the Media and Classroom: Monsanto Discussion and Presentation' Valerie Bayes <i>Grade Levels: All Levels</i>	Chicago A
	'Apples, and Carrots, and Honey – OH MY!' Sue Knott <i>Grade Levels: All Levels</i>	Chicago B
	'The Facts of Life: More than just Birds and Bees' Amelia Miller, Lyndsay Grasman <i>Grade Levels: 10-12</i>	Chicago C
	'Happy Orchard: Tools You Can Use to Teach About Pollinators' Deb Weitzenkamp, Connie Reimers-Hild <i>Grade Levels: 3-6</i>	Empire A
	'Soil Matters! Fun With Plant Nutrients!' DeAnn Tenhunfeld <i>Grade Levels: 7-9</i>	Chouteau A
	'FarmChat® – Virtual Fieldtrips and more' Cindy Hall, Gretchen Voga <i>Grade Levels: All Levels</i>	Chouteau B
	'STEAM up the Classroom with Agriculture' Sarah Glenn <i>Grade Levels: 3-6</i>	Van Horn
	'Discovering Ag in YOUR State!' Debra Deskin <i>Grade Levels: All Levels</i>	Benton AB
	'Integrating Ag Literacy and Technology with Administrative Support' Eric Brooks <i>Grade Levels: All Levels</i>	Gillham Hall
3:30 PM - 3:45 PM	Coffee Break	Foyers

WORKSHOP SESSION 2		
3:45 PM - 5:00 PM	'Discover Ag Careers' Kalena Bruce <i>Grade Levels: 7-9</i>	Chicago A
	'Sleep Tight Farm' Leah Gibson <i>Grade Levels: Pre K-2</i>	Chicago B
	'Some Assembly Required: History, Science and Soybeans' Amelia Miller, Kevin Daugherty <i>Grade Levels: 3-6</i>	Chicago C
	'What Kids Want to Know About Agriculture: Reevaluating the Farm Field Day Model' Paige Wray, Debra Spielmaker <i>Grade Levels: 3-6</i>	Empire A
	'Soil Matters! Fun With Plant Nutrients!' DeAnn Tenhunfeld <i>Grade Levels: 7-9</i>	Chouteau A
	'FarmChat® – Virtual Fieldtrips and more' Cindy Hall, Gretchen Voga <i>Grade Levels: All Levels</i>	Chouteau B
	'Let Me Show You Amazing Agriculture Websites!' Pam Hosimer <i>Grade Levels: All Levels</i>	Van Horn
	'Show Me Agriculture Using Books and Projects' Mary Zumwalt <i>Grade Levels: 3-6</i>	Benton AB
	'Going the Extra Degree Produces STEAM' Jennifer Bates <i>Grade Levels: All Levels</i>	Gillham Hall
5:30 PM - 6:30 PM	Reception	Terrace
6:30 PM - 9:00 PM	Opening Dinner—Ag Advocate Award & Live Auction <i>Opening Remarks: Chris Chin, Director of the MO Department of Agriculture</i>	Ballroom Atlanta— New York

THURSDAY, JUNE 22, 2017		
7:30 AM - 9:00 AM	Breakfast—White Reinhardt and CHS Awards	Ballroom Atlanta— New York
7:30 AM - 9:00 PM	Registration Open	Terrace
WORKSHOP SESSION 3		
9:15 AM - 10:30 AM	'Civic and Agriculture—Boards that Run Your World.' Linda Chezem <i>Grade Levels: 3-6</i>	Chicago A
	'Agriculture Measures Up!' Lynn Black, Tammy Maxey <i>Grade Levels: 3-6</i>	Chicago B
	'Drone Technology Takes Flight' Virginia Deitz, Jill Vigesaa, Lindsey Leker <i>Grade Levels: All Levels</i>	Chicago C
	'Growing Minds in Science' Debra Kearney <i>Grade Levels: 10-12</i>	Empire A
	'Agricultural Book Club—The Thing About Luck' Maren Reid, Rhodora Collins <i>Grade Levels: 3-6</i>	Chouteau A
	'Creating AgArt Curriculum for the Classrooms of the Future' Heather Giger <i>Grade Levels: 3-6</i>	Chouteau B
	'Here We Grow: Gardening with K-5 Students' Denise Stewardson <i>Grade Levels: Pre K-2</i>	Van Horn
	'Gardening From my Head To-ma-toes' Lani Walters, Stephanie Greteman <i>Grade Levels: Pre K-2</i>	Benton AB
	'A Baker's Dozen...Make'n Takes, Books and More!' Laura Vollmer <i>Grade Levels: Pre K-2</i>	Gillham Hall
10:30 AM - 10:45 AM	Coffee Break	Foyers
WORKSHOP SESSION 4		
10:45 AM - 12:00 PM	'Journey 2050: The Power of Educational Gaming' Lindsey Verhaeghe, Lisa Gaskalla, Debra Spielmaker <i>Grade Levels: 10-12</i>	Chicago A
	'Agriculture Measures Up!' Lynn Black, Tammy Maxey <i>Grade Levels: 3-6</i>	Chicago B
	'The Love of Cows and other Joys in Agriculture' Kathleen Kendall Walker <i>Grade Levels: 3-6</i>	Chicago C



KANSAS STATE
UNIVERSITY

Global Campus

Kansas State University Global Campus offers online bachelor's, master's and doctoral programs for working adults seeking to advance their careers. Many programs are offered in education and agriculture.

Visit global.k-state.edu/

HERE TO HELP YOU GROW.

America never stops. Thanks to the financial support of Farm Credit, neither do the farmers and ranchers who call her home. For a century, we've helped rural Americans show the world what hard work can achieve. But the job is far from over. And as rural America grows further, we'll be there. FarmCredit100.com

10:45 AM - 12:00 PM	'Agriculture on the Sports Field' Keri Sidle <i>Grade Levels: 7-9</i>	Empire A
	'Agricultural Book Club—The Thing About Luck' Maren Reid, Rhodora Collins <i>Grade Levels: 3-6</i>	Chouteau A
	'A Dynamic Model of Urban Ag Education in the Classroom Utilizing Hydroponics Education' Orlentea McGowan <i>Grade Levels: All Levels</i>	Chouteau B
	'Phenomenal Phenomena!' Denise Stewardson <i>Grade Levels: All Levels</i>	Van Horn
	'Phenomena...Mahna mahna: Agroecosystems' Will Fett <i>Grade Levels: All Levels</i>	Benton AB
	'A Baker's Dozen...Make'n Takes, Books and More!' Laura Vollmer <i>Grade Levels: Pre K-2</i>	Gillham Hall
12:15 PM - 2:00 PM	Luncheon—National Teacher Awards	Ballroom Atlanta—New York
2:00 PM - 2:15 PM	Silent Auction Closes	

WORKSHOP SESSION 5		
2:15 PM - 3:30 PM	'The Incredible Egg and Experiments' Jacinta LeDonne <i>Grade Levels: All Levels</i>	Chicago A
	'True Beef: PBL Brings Agriculture and Culinary Arts Together' Leah Gibson <i>Grade Levels: 10-12</i>	Chicago B
	'Why? BEE Cause we need them!' John Seiser <i>Grade Levels: 3-6</i>	Chicago C
	'AgExplorer—Find Your Future in Agriculture' Ambra Tennery <i>Grade Levels: All Levels</i>	Empire A
	'Returning To Our Prairie "Roots"' Suzi Myers, Debbie Ruff <i>Grade Levels: 3-6</i>	Chouteau A
	'Animals Inside & Out: An Animal Science Program for Upper Elementary' Ashley Benes, Darci Pesek, Rhonda Herrick <i>Grade Levels: 3-6</i>	Chouteau B
	'Changing Horizons: Recruiting and Retaining Ag Talent' Tracey Troutman <i>Grade Levels: 10-12</i>	Van Horn
	'Special Education: Where Ag Education is the Solution' Kelly Hunt <i>Grade Levels: All Levels</i>	Benton AB
	'Art + Ag Labels = Engaging Lessons for Diverse Learners' Browning Neddeau <i>Grade Levels: 7-9</i>	Gillham Hall
3:30 PM - 3:45 PM	Coffee Break	
3:30 PM - 6:30 PM	Auction Check Out	
WORKSHOP SESSION 6		
3:45 PM - 5:00 PM	'C6 BioFarm: A Sustainability Game for Learning the About the Bio-based Economy' Jill Euken, Jay Staker <i>Grade Levels: 10-12</i>	Chicago A
	'True Beef: PBL Brings Agriculture and Culinary Arts Together' Leah Gibson <i>Grade Levels: 10-12</i>	Chicago B
	'Tapping into Maple Tradition' Debbi Cox, Christopher Szkutak <i>Grade Levels: All Levels</i>	Chicago C
	'An energetic session on Food Energy; Matter that matters; and Space, or lack thereof.' Craig Wilson <i>Grade Levels: All Levels</i>	Empire A

3:45 PM - 5:00 PM	'Returning To Our Prairie "Roots"' Suzi Myers, Debbie Ruff <i>Grade Levels: 3-6</i>	Chouteau A
	'Food Loss and the Role Pesticides Play from Field to Market: Free Resources for the Classroom' CropLife America Representative <i>Grade Levels: All Levels</i>	Chouteau B
	'Pest Management & Pesticides: A Historic Perspective' Kelly Lowery <i>Grade Levels: 10-12</i>	Van Horn
	'Fun with Plants' Shelley Mitchell <i>Grade Levels: All Levels</i>	Benton AB
	'You Say Tomato, I Say Tomatosphere: Space Seeds in the Classroom' Sabrina DeVall <i>Grade Levels: All Levels</i>	Gillham Hall
6:00 PM	Dinner On Your Own	Off-Site

FRIDAY, JUNE 23, 2017		
7:00 AM - 8:45 AM	CLOSING BREAKFAST Keynote Address: 'I'm Farming and I Grow It: An Advocating Success Story' Greg Peterson, Peterson Farm Brothers	Ballroom Atlanta–New York
7:30 AM - 12:00 PM	Registration Open	Terrace
MINI WORKSHOPS (FOUR 25-MINUTE ROTATIONS)		
	9:00 AM - 9:25 AM Mini Workshop 1 9:30 AM - 9:55 AM Mini Workshop 2	10:00 AM - 10:25 AM Mini Workshop 3 10:30 AM - 11:00 AM Mini Workshop 4
9:00 AM - 11:00 AM	'Ag Notebooks in EARLY CHILDHOOD Classrooms' Frances Miller <i>Grade Levels: Pre K-2</i>	Chicago A
	'SoilLife Box' Virginia Deitz, Jill Vigesaa <i>Grade Levels: All Levels</i>	Chicago B
	'Informational Text Bell Ringers for secondary students' Kevin Daugherty <i>Grade Levels: 7-9</i>	Chicago C
	'Games and Lesson about agriculture in your state!' Susan Kleiboeker, Meggan Hiestand <i>Grade Levels: 3-6</i>	Chouteau A
	'Bushels of Fun: Fruit and Veggie Games for Everyone' Audrey Harmon, Cheri Long, Melody Afill <i>Grade Levels: All Levels</i>	Chouteau B
	'Stirring up Agriculture' Jo Ann Hebert, Catherine Olinde <i>Grade Levels: 3-6</i>	Van Horn
	'From Fact to Fiction' Judy Culbertson <i>Grade Levels: All Levels</i>	Benton AB
	'Christmas In June—Ag Edition' Zena Lewis <i>Grade Levels: All Levels</i>	Gillham Hall
11:00 AM - 2:00 PM	Exhibit Break-Down	Terrace
12:00 PM - 6:00 PM	Post-Conference Tour	Hamilton, MO



HOW WILL WE SUSTAINABLY FEED 9 BILLION PEOPLE BY THE YEAR 2050?





HOME EDITION:
Virtually farm and discover what it really takes to feed the world.
www.Farmers2050.com



SCHOOL EDITION:
Lesson plans provided in this Grade 7-12 curriculum-based program.
www.Journey2050.com

DOWNLOAD AND PLAY FOR FREE








AUFILL, Melody

Oklahoma Ag in the Classroom

melody.aufill@ag.ok.gov

Melody Claborn Aufill received a Bachelor's of Science in Elementary Education and a Masters in Educational Leadership from Southwestern Oklahoma State University. Melody has spent the last 20 years as an elementary classroom teacher and instructional coach and consultant. In 2008, she gained National Board Certified Teacher status as a Middle Child Generalist and is also a certified local LETRS (Language Essentials for Teachers of Reading and Spelling) trainer. She is now an Oklahoma AITC State Coordinator.

BATES, Jennifer

Tennessee Foundation for Agriculture in the Classroom

jenniferbates1@bellsouth.net

Jennifer grew up on a tobacco and beef farm in Middle Tennessee. She brings her experience to her first grade classroom. Her classroom comes alive with guest speakers, such as; the local high school FFA chapter, UT's Extension Agency, USDA's Soil and Water Conservation office, and her local Farm Bureau. Stories are brought to life with hands-on, agricultural literacy activities in her classroom. She has been Tennessee's White-Reinhardt Winner and USDA Award applicant. Jennifer has a master's degree in education, with a reading specialist endorsement.

BAYES, Valerie

Monsanto Company

valerie.n.bayes@monsanto.com

I don't know all the answers- that's why I keep asking questions. Tangible learner. Dangerously curious. Monsanto's STEM Edu Lead. Let's get connected on twitter @VBayes

BENES, Ashley

Nebraska Extension

ashley.benes@unl.edu

4-H Youth Development Educator in Cass County. Her programming focus areas are Animal Science, Consumer Confidence in our Food supply and STEM Careers.

BLACK, Lynn

Virginia Agriculture in the Classroom

lynn.black@vafb.com

As an Education Coordinator with Virginia Agriculture in the Classroom, Lynn is responsible for curriculum writing, resource development, and the facilitation of educator workshops. A graduate of the University of Virginia, she received her Masters of Teaching and began her career as a Social Studies and then Gifted and Talented teacher in Hanover County before joining Virginia AITC in 2007. She lives outside Richmond, VA with her husband and son.

BROOKS, Eric

RSU 18: Belgrade Central School

ebrooks@rsu18.org

Eric Brooks is a fifth grade Teacher at Belgrade Central School and grew up working on his family's wild blueberry farm in Maine. He is a strong advocate of Agriculture in the Classroom. Mr. Brooks is a presenter for Maine's Summer Teacher Institute and serves on his district's National Farm to School committee. Mr. Brooks was also a contributing writer for the book, Blueberries for ME used in the Maine Ag in the Classroom "Read Me" Program. He is first in Maine to pilot the Maine Agriculture Book Barn and was recently named Maine Ag in the Classroom Teacher of the Year Award.

BRUCE, Kalena

American Farm Bureau Federation Young Farmers & Ranchers

kbruce@integrity-tax.net

Kalena Bruce is the 2017 American Farm Bureau Federation Young Farmers and Ranchers Committee Chair. She lives with her husband, Billy & two year old daughter, Willa in Stockton, MO. She is a fifth generation farmer. The Bruces are beef producers and operate a u-pick berry patch throughout the summer and a pumpkin patch & corn maze in the fall. Kalena has a Bachelor of Science degree in Accounting from Southwest Baptist University along with her CPA license and is the managing partner of the firm she started seven years ago.

CHEZEM, Linda

Protectthe Harvest

lchezem@aol.com

After private practice in Paoli, Indiana, Chezem was consecutively appointed to the Lawrence County Court, the Lawrence Circuit Court, and the Indiana Court of Appeals for a total of 22 years of service. She was the first woman appointed to a Circuit Court bench in Indiana and the second woman to serve on the Indiana Court of Appeals. Chezem was recently designated as a Professor Emerita of Youth Development and Agriculture Education, School of Agriculture, Purdue University. She continues to hold an adjunct appointment at Indiana University's School of Medicine. Chezem served on the NIAAA at NIH and consults with the U.S. Office of Juvenile Justice and Delinquency Prevention, and the National Highway Traffic Safety Administration. Chezem served on many other state and local boards. Chezem owns and operates her family grain and beef farm in Clay County, Indiana.

COLLINS, Rhodora

DeKalb County Farm Bureau

rhodoracollins@dekalbfarmbureau.org

Rhodora has served the Ag Literacy Coordinator for DeKalb County, Illinois for many years.

COX, Debbi

New Hampshire Agriculture in the Classroom

nhaitc@nhfarmbureau.org

Growing up in the horse world, I have always had a interest in agriculture. When my children entered high school, we became deeply involved in FFA. I continue to work with the organization as the NH FFA State Foundation President. This led to my current position as the NH Ag in the Classroom State Coordinator. I also help out the NH Career and Technical Administrators along with SkillsUSA.

CULBERTSON, Judy

California Foundation for Agriculture in the Classroom

judy@learnaboutag.org

Judy Culbertson grew up on a fifth generation pear orchard in Courtland, a small town outside of Sacramento, California. She received her B.S. in Agricultural Business Management. In 1981, Judy joined the California Farm Bureau Federation assisting with the development of its agricultural education projects. Five years later, California Foundation for Agriculture in the Classroom was formed and Judy continued her work for agricultural education through the Foundation. Judy is currently serving as the Foundation's Executive Director and her vision for the Foundation is to see every student have an appreciation and curiosity to learn about where his or her food and fiber come from.

DAUGHERTY, Kevin

Illinois Agriculture in the Classroom

kdaugherty@ilfb.org

Kevin Daugherty is the Education Director for the Illinois AITC Program. He holds a BS in Secondary Education from the University Illinois and an MS in Higher Education from Eastern Illinois University. A former Junior High and High School History and English teacher, Daugherty worked for as a implementation and curriculum developer for a publishing company before joining the Illinois Farm Bureau AITC Program in 2000. He is the Illinois AITC Contact, and Chairman of the National Conference Planning Committee. He hosted National Conferences in 2001 in Chicago, and 2008 in St. Louis. Daugherty is married, and has three children. He is active in his church, and serves as the President of the LeRoy CUSD #2 Board of Education in LeRoy, IL.

DEITZ, Virginia
North Dakota Ag in the Classroom
 deitzv@gmail.com

Virginia (Ginger) Deitz is a retired teacher from Fargo, North Dakota after 41 years of teaching at the elementary level. She continues as an instructor for the Department of Distance and Continuing Education at North Dakota State University, and facilitates Project Food, Land & People Workshops for educators with Jill Vigesaa. She is also a frequent presenter for water festivals across the state, and has a long list of awards for her educational efforts with Project WET. Ginger is a former North Dakota Teacher of the Year, and received an Excellence in Teaching About Agriculture National Award in 2010. Ginger enjoys volunteering in surrounding schools and community on her many topics of agriculture, and its importance in our lives.

DESKIN, Debra
Edmond Public Schools
 Tanema@sbcglobal.net

Debra Deskin is an experienced elementary teacher from the Edmond Public Schools in central Oklahoma where she teaches second grade. Debra has been an active Oklahoma Ag in the Classroom teacher and has presented numerous times at the local, state, and national level. She was the 2014 Luther District Teacher of the Year and has served as a mentor teacher the past three years. In 2016 she was a finalist for the Oklahoma Ag in the Classroom Teacher of the Year. Debra incorporates a very interactive classroom environment and promotes a project based teaching style.

DEVALL, Sabrina
First-The Seed Foundation
 sabrina.devall.ftsf@gmail.com

Ms. DeVall serves as Program Manager for First-the Seed Foundation, a non-profit committed to informing today's consumers and tomorrow's workforce about the importance of the seed industry. With a strong background in marketing, strategy, and innovation, Ms. DeVall helps FTSF expand its programs, improve participation, and increase the overall awareness and impact of seeds and agriculture on educators and students throughout the country.

EUKEN, Jill
Iowa State University
 jeuken@iastate.edu

Jill Euken serves as Deputy Director of the Bioeconomy Institute at Iowa State University. She leads new program development, industrial collaborations and outreach programs for the Institute. Her background includes 30 years of outreach work for Iowa State University, and five years developing farmer-owned value-added businesses in southwest Iowa. Euken led the extension/outreach components of a \$25M USDA Bioenergy CAP program in five Midwest States. The C6 BioFarm app and curriculum were developed for use with students grades 7-12 and provides experiential learning about sustainably growing and converting agricultural crops to food, fiber, fuels and products.

FETT, Will
Iowa Agriculture Literacy Foundation
 wfett@iowaagliteracy.org

Will Fett is the Executive Director of the Iowa Agriculture Literacy Foundation. He previously worked for the National FFA Foundation in Indianapolis, Ind. and prior to that was an agricultural educator in Montana. He directs and facilitates the Ag in the Classroom program. In this position, he builds partnerships with Iowa agribusiness and individuals to fund the programs and is responsible for the marketing, public relations, and the strategic plan of the organization.

GASKALLA, Lisa
National Agriculture in the Classroom Organization
 info@naitco.org

Lisa Gaskalla is executive director of the National Agriculture in the Classroom Organization. Before that, she served as executive director of Florida Agriculture in the Classroom for 13 years. Before that, she worked as executive director of Polk County Farm Bureau and citrus grower organization Florida Citrus Mutual. She has a bachelor's degree in journalism from the University of Florida and worked as a newspaper reporter for 13 years before going to work for the agriculture industry in Florida.

GIBSON, Leah
Vivayic, Inc. /AFBFA
 lgibson@vivayic.com

Leah Gibson is passionate about agriculture, education, and public health. She's an instructional designer for Vivayic, Inc., a long-time contractor with the American Farm Bureau Foundation for Agriculture (AFBFA). Leah assists the AFBFA Education Director in developing new resources for K-12 educators. She graduated from California State University, Chico with a Bachelor of Science in Agriculture Science and a minor in Human Nutrition. Leah currently lives on cattle ranch in Blackfoot, Idaho.

GIGER, Heather
Lamar County School District
 heather.giger@lamarcountyschools.org

Heather Giger of Hattiesburg, Mississippi is a 17-year public school teaching veteran with the Lamar County School District. She resides in the Oak Grove area with her husband, Will, and two daughters. After a decade of teaching language arts and gifted education classes at the elementary level, Heather decided to combine her work in teaching with her passion for art and love of farming. When an art position became available in her school, Heather approached her principal with the concept of creating a new position known as Ag Art. Since then, Heather has become a pioneer of a new elementary curriculum that differentiates learning by interweaving the fourth and fifth grade objectives of science and agriculture with visual arts standards. Heather currently serves over 750 fourth and fifth graders each week at Oak Grove Elementary where she facilitates learning in her classroom, kitchen, and school barn and garden.

GLENN, Sarah
Huntsville Intermediate School
 sglenn@1hsd.org

Sarah Glenn- currently a fourth Grade Teacher at Huntsville Intermediate School. B.A. in Psychology from Arkansas Tech University 1994-worked in the mental health field for 10 years before getting my nontraditional teacher certification for Preschool through eighth grade all subjects. ESL Certification, MET-Polly M. Jackson Master Economics Teacher, 2009-present-presenter at Economics Arkansas

workshops, GATE member, (sponsored by the Council of Economics) Northwest Arkansas Economics Advisory Board 2009- Present , 2008 Bessie B. Moore Excellence in Teaching Economics Award Winner Newcomer Division, 2009 Bessie B. Moore Excellence in Teaching Economics Award Winner Veteran Category, 2009 Madison County Farm Bureau Teacher of the Year, 2010 Arkansas Ag in the Classroom Outstanding Teacher of the Year, 2011 Excellence in Teaching About Agriculture National Award Winner. White-Reinhardt Scholarship winner 2013. Arkansas Game and Fish Grant recipient, 2009, 2010, 2011, 2012, 2013, 2014. Presenter-NAITC- Hershey, PA, Louisville, KY, and Phoenix, AZ

GRASMAN, Lyndsay
Michigan Farm Bureau
 lgrasma@michfb.com

Lyndsay Grasmann is Michigan Farm Bureau's FARM Science Lab Educator. In its inaugural year, the Food, Agriculture and Resources in Motion (FARM) mobile classroom travels to schools across the state, where Lyndsay teaches agriculture based STEM lessons to all grade levels. Lyndsay manages scheduling, lesson planning and teacher communications for the FARM Science Lab. Prior to this position, Lyndsay taught middle and high school biology, chemistry and physics at Kensington Woods Middle and High School and Old Redford Schools. There, she mentored students as a varsity basketball and track coach, served as Science Olympiad coach and led the Mad Science program. Lyndsay holds a Bachelor of Science degree from Grand Valley State University and obtained her teaching certificate at Western Michigan University. In her spare time, she enjoys assisting her family on their beef cow-calf farm. Lyndsay and her husband Josh reside in Howell, Michigan.

GRETEMAN, Stephanie
Canute Elementary Teacher
 gretemansg@canute.k12.ok.us

I am in my 21st year of teaching. I have been teaching first grade at Canute for six years. I live in Canute with my husband Mandell and son Lane. I have an agricultural background in farming and raising cattle. In my spare time I enjoy traveling, shopping, gardening, and reading. I have also presented at the Oklahoma State AITC conference in July 2016 and will appear as a featured teacher on the AITC website in the 2016-2017 school year.

HALL, Cindy

Iowa Agriculture Literacy Foundation
 chall@iowaagliteracy.org

Cindy Hall is the Education Program Manager for the Iowa Agriculture Literacy Foundation. There she has helped build strong programs and resources focusing on language arts, STEM, and using technology to students with agriculture. Before coming to IALF, Cindy served as the Ag in the Classroom Program Director for Polk County Farm Bureau. Cindy grew up on a family farm in SE Iowa, and attended Iowa State University and the University of Delaware.

HARMON, Audrey

Oklahoma Ag in the Classroom
 audrey.harmon@ag.ok.gov

Audrey Harmon is an Ag in the Classroom (AITC) state coordinator with 13 years teaching experience. In 2009, she was the Oklahoma AITC TOY and in 2010 she won the National Excellence in Teaching Agriculture award. Audrey has been a state AITC coordinator for five years.

HEBERT, Jo Ann

STEM Magnet Academy
 hebertjoann@hotmail.com

My teaching experience has been a great one! I have been teaching for 20 years with a great co-partner (my sister). We have developed and planned lessons over the past few years that have allowed us to be selected as Louisiana Ag Teacher of the Year and I have been selected as a National Teacher of the Year for Louisiana. Agriculture for me is an easy resource that allows me to enrich my lessons. Students are more engaging and their love for learning is enhanced through agriculture in the classroom.

HERRICK, Rhonda

Nebraska Extension
 rhonda.herrick@unl.edu

4-H Youth Development Educator in Kearney and Franklin Counties.

HIESTAND, Meggan

Illinois Ag in the Classroom
 mcaitc@sbcglobal.net

Meggan Hiestand, a seven-year veteran of Ag in the Classroom in Marion County, IL. Meggan received a Business Marketing degree from Illinois State University. She and husband Daniel live and work on a beef and grain farm in rural Salem, IL. They have four children: Brandt, Alex, Kage and Kennah. Meggan goes into all the second and fourth grade classrooms and makes presentations about Agriculture and Conservation in Marion County. Meggan has combined her degree in marketing, love of children and first hand knowledge about agriculture in her job working for Ag in the Classroom.

HOSIMER, Pam

University of Maryland Extension
 phosimer@verizon.net

Pam Hosimer is a Nutrition Educator and Master Gardener for University of Maryland Extension. Pam utilizes a multimedia approach with students in the classroom, especially in the garden. She is an active Master Gardener speaker and a member of the Grow It Eat It state team, supporting sustainable food gardening in Maryland since its inception in 2009. Pam's engaging programs have taken her around the country to lead workshops at the 2011 International Master Gardener Conference in Charleston, WV, the 2014 Maryland Association for Environmental and Outdoor Education Conference in Ocean City, Maryland and the 2016 American Horticultural Society's National Children & Youth Garden Symposium in Columbia, SC. She merges traditional curriculum topics with state of the art online resources and innovative technology, giving teachers a toolbox of resources to teach agriculture effortlessly within their curriculum. Pam has a Master of Library and Information Science degree from University of Maryland.

KLEIBOEKER, Susan

Illinois Ag in the Classroom
 agintheclass@att.net

Susan Kleiboeker-14 year veteran for Ag in the Classroom Coordinator for Clinton County, IL. Kleiboeker has a K-9 teaching certificate from Eastern IL University. She has lived in Clinton Co for the past 29 years with her husband Mark, who works as a cattle broker and barn manager for United Producers, Inc. The Kleiboekers have beef cattle and grain farm in Carlyle, IL and have three daughters. Susan goes into all the first and fourth grade classrooms in Clinton Co, IL and presents lessons about Agriculture and Conservation of our earth. Over the years Susan has taught a variety of grades and lessons and enjoys children of all ages and sizes. Ag in the Classroom is a wonderful entity to work for because it combines Susan's love of children and teaching along with her knowledge learned from being a farm family.

KNOTT, Sue

Minnesota Agriculture in the Classroom
 sue.knott@state.mn.us

Sue Knott's agriculture roots were established on her family's farm in southwestern Minnesota. Experiences in 4-H, FFA and helping raise crops and livestock, inspired her to earn a degree in agricultural education from the University of Minnesota. She taught high school agriculture classes for nine years before joining the Minnesota Agriculture in the Classroom team as Education Specialist. In this role, Sue enjoys opportunities to provide professional development that builds educators' comfort and confidence in utilizing agricultural content to enhance their curricula.

LEDONNE, Jacinta

American Egg Board
 jledonne@aeb.org

As Director of State Programs, Jacinta LeDonne works closely with premier education organizations, including Discovery Education and the Education Center, to collaborate on materials for teachers and students. This includes working on an annual Virtual Farm Field trip and lesson plans.

HUNT, Kelly

Tennessee Farm Bureau
 kelly.s.hunt@vanderbilt.edu

As a Special Education Major at Vanderbilt University, I have seen how much Special Education students benefit from hands-on learning and the majority of their curricula are centralized around learning that contains lifelong skills that is immediately applicable to their lives. In addition, I grew up a 4-Her where I volunteered at Ag in the Classroom trainings and observed firsthand the many benefits of Agriculture Education. I developed a true passion for agriculture and want to share the knowledge and benefits of Ag Education to teachers worldwide. Bringing Ag back into schools is instrumental to our society because it is so essential to a healthy, happy life. In a world where people think chickens have four legs, I want to change society to favor local agriculture. I relish the opportunity to share about Agriculture Education in Special Education and work with a community that has so drastically affected my life.

KEARNEY, Debra

Nutrients For Life Foundation
 DKearney@nutrientsforlife.org

The Nutrients for Life Foundation is an educational non-profit that provides information and resources to educators and the public about the vital role fertilizers play in feeding our world. All of our resources are science-based, user-friendly, and utilized by educators across the country.

KENDALL WALKER, Kathleen

Oklahoma Ag in the Classroom
 walkeka2@tulsaschools.org

Kathleen Kendall Walker, NBCT currently teaches PreK through sixth-grade art in Tulsa, Oklahoma and spends summers cutting hay in Montana. She integrates all subject matter into art lessons and art into all subjects. She loves all things agricultural, but especially cows.

LEKER, Lindsey

NDSU Extension Center for 4-H
lindsey.leker@ndsu.edu

Lindsey Leker is a science specialist for North Dakota State University Extension Service's Center for 4-H Youth Development. She coordinates science programming for youth ages 5 to 18, and the role science plays in their lives, including career development. She is the lead specialist for parts of the 4-H camping program. Her research for her Ph.D. is focusing on achievement gaps among minority groups and females in science, technology, engineering and math (STEM) subjects in grade school and high school.

LEWIS, Zena

Owasso Public Schools
zena.lewis@owassops.org

Mrs. Lewis has been teaching for 19 years. She has taught in both public and private schools in Oklahoma and Colorado. Her passion is reading. As a reading specialist, she sees the AGITC resources as an essential tool in her classroom. She enjoys teaching teachers and feels that her mission is not complete without incorporating reading and agriculture. She has been married to the love of her life for 28 years. Three daughters, one son-in-law and two grandbabies keep her busy and smiling.

LONG, Cheri

Oklahoma Ag in the Classroom
Cheri.long@ag.ok.gov

Cheri Long is an Ag in the Classroom (AITC) state coordinator. Previously, Cheri taught T1 and Library Media and was named Oklahoma AITC TOY. Cheri has also completed the Oklahoma Ag Leadersip Program.

LOWERY, Kelly

Penn State Pesticide Education Program
kdo5011@psu.edu

Kelly Lowery is an Education Program Associate with the Penn State Pesticide Education Program. Her responsibilities include providing educator, consumer, and youth outreach; conducting presentations for elementary students; and assisting in the development of educator curriculum resources. With a Master's degree in Education, Kelly enjoys delivering quality programs to all audiences and believes in the importance of sharing informative messages through engaging activities.

MAXEY, Tammy

Virginia Agriculture in the Classroom
tammy.maxey@vafb.com

Tammy Maxey serves as state contact and senior education program manager for Virginia Agriculture in the Classroom. Prior to her tenure with AITC she served as a teacher and administrator in a rural school division for 18 years. Tammy lives on a small beef cattle operation. She received a post masters from Virginia Commonwealth University in educational leadership, a masters from Virginia Tech in vocational technical education, and her undergraduate from Virginia Commonwealth University.

MCGOWAN, Orlenthea

Langston University—Tulsa Campus
osmcgowan@langston.edu

Dr. Orlenthea McGowan is a full Professor and Project Director in the School of Education & Behavioral Sciences at Langston University- Tulsa Campus. She has experience in directing a nationally recognized PT3 Program, Ag Education School-Based Projects, Service Learning Projects, and establishing learner-centered teaching modules involving elementary and secondary pre-service and in-service teachers, administrators, and university faculty, and designing digital resource materials for faculty. In this project, she is the Director for intra-school collaborations, and is also responsible for directing and managing all project activities and functions. She is a proven leader in the field of Learned-Centered Teaching and School/Community-Based Programming. Dr. McGowan also serves as a Commissioner on the Mayor's Commission on the Status of Women (Education/Health Sub-Committee).

MILLER, Frances

Louisiana AITC
mommy2j3@gmail.com

Frances Miller is a public school Pre-K teacher with 23 years experience. She has been a member of the Louisiana Ag in the Classroom committee since 2008. She was chosen as the state Teacher of the Year in 2008. Raised on a rice and cattle farm in south Louisiana, agriculture has been an important part of her life since she was a child. Bringing agriculture into the lives of her four year old students also brings it to their parents. She has been married for 37 years and although she and her husband do not farm, they live on the farm she was raised on. Along with her brother, they participate on the decisions made for the farm. Her three children, four grandchildren and her brother also live on the 240 acre family farm.

MYERS, Suzi

Kane County Farm Bureau
aitc@kanecfb.com

Suzi Myers taught students in grades three and four, as well as gifted student programs for 20 years. She was a member of the Science Curriculum Council and writer of district testing materials. She holds a Masters Degree in Educational Psychology. Following her retirement in 2004, she became the Ag Literacy Coordinator for Kane County Farm Bureau. She serves on the Illinois mAGic (Multidisciplinary Agricultural Integrated Curriculum) Kit team as a writer. She teaches outdoor education in the area, is a Certified Naturalist, Saint Charles Tree Commissioner, and member of EEAI (Environmental Education Association of Illinois).

NEDDEAU, Browning

California State University, Monterey Bay
bneddeau@csumb.edu

Dr. Browning Neddeau, M.A., Ed.D. is an Assistant Professor of Education in the Liberal Studies Department at California State University, Monterey Bay. Browning's areas of expertise include: standards-based education, arts education, teacher education, elementary education, and program evaluation. In addition to his work at the university, Browning leads professional development and builds partnerships in arts, agriculture, education, and Native American communities. He has been engaged with work in curricular alignment and presentations with the California Foundation for Agriculture in the Classroom since 2011. Prior to being a full-time university faculty member, Browning was a full-time elementary school classroom teacher where he spent the majority of his time as a fourth grade teacher.

MILLER, Amelia

Michigan Farm Bureau
amille2@michfb.com

Amelia Miller serves as the Communication and Education Specialist at Michigan Farm Bureau. As home to the Michigan Agriculture in the Classroom program, her role includes developing agriculture based lesson plans, networking with teachers, and assisting county Farm Bureau volunteers with local program implementation. Effectively communicating and coordinating related resources, programs and events are Amelia's primary focus and strength. Growing up in the rural "thumb" of the mitten state, she developed a passion for agriculture while playing in the grain alongside her grandfather at the local elevator he managed. Amelia holds a Bachelor of Science degree in Agriscience Education from Michigan State University and is pursuing a Master's degree in Agriculture and Extension Education from Utah State University. Amelia lives in Mason, Michigan with her Brittany Spaniel, Beaumont. Outside work, she enjoys traveling, watching Spartan sports and spending time outdoors on the Great Lakes shoreline.

MITCHELL, Shelley

Oklahoma State University Dept of Horticulture
shelley.mitchell@okstate.edu

Shelley Mitchell has nine years of experience teaching high school science, and eight years of experience in Extension, specializing in youth horticulture. With degrees in Biology, Animal Science, Environmental Science, and Health, she shows how to integrate concepts into curricula using themes, primarily agriculture. A firm believer in active learning, Shelley's methods of teaching incorporate hands-on, experiential lessons to engage learners of all types. She specializes in finding fun activities with and about plants that demonstrate concepts in all core and elective subjects, can be implemented by people with little knowledge of plants, and can be done for little to no cost. She has presented at local, state, regional and national conferences, and is the recipient of the American Horticulture Society's Jane L. Taylor Award for inspiring future horticulturists through her efforts in youth gardening. Her hobbies include horseback riding, geocaching, and taking nature walks.

OLINDE, Catherine

STEM Magnet Academy
catherine.olinde@pcpsb.net

Along with my sister, Jo Ann Hebert, we have developed lessons that have enhanced our students' learning experiences. I have been teaching for 20 years. Through my agriculture lessons I have been selected as Louisiana Ag Teacher of the Year in 2014. We continue to include agriculture in our lessons so our students are always aware of how agriculture affects their lives.

PESEK, Darci

Nebraska Extension
darci.pesek@unl.edu

Darci Pesek is a Nebraska Extension Educator from Jefferson/Saline Counties. Her programming focus is youth animal science education and consumer awareness of the food supply.

REID, Maren

Belvidere CUSD#100
mreid@district100.com

I am in my 14th year as an educator. For the last nine years I have worked as a Reading Specialist at the middle school and elementary level. Growing up on a hog and grain farm instilled in me a love of the land and all things agriculture. Ag in the Classroom has been one way I am able to pass the value of agriculture onto my students. Currently I am working as a Reading Coach, so when Diane approached me about writing a grant for an Ag Book Club, I was thrilled to have an opportunity to combine reading and agriculture.

REIMERS-HILD, Connie

University of Nebraska-Lincoln
creimers-hild@nebraska.edu

Dr. Connie Reimers-Hild is the Associate Executive Director and Chief Futurist for the Rural Futures Institute at the University of Nebraska. She is passionate about the future of education and learning. Dr. Connie has a keen interest in engaging learners of all ages using technology, brain science, physical activity and fun. She is also a married mompreneur, author of *Go Wild with Confidence!* and co-author of *Blue the Bee Learns to be Happy* as well as the #Happy Orchard app. Dr. Connie is also a Certified Professional Leadership Coach who connects with the world through her blog, AskDrConnie.com Connect with Dr. Connie (@AskDrConnie) on Twitter and LinkedIn.

RUFF, Debbie

NRCS-CD Pontiac, IL
debra.ruff@il.nacdn.net

Debbie Ruff has served as the Education Coordinator for Livingston County's Farm Bureau and Soil and Water Conservation District (SWCD) for 20+ years. She serves on the Illinois mAGic (Multidisciplinary Agricultural Integrated Curriculum) Kit team as a writer. Debbie also conducts volunteer walk and talks and Project Learning Tree (PLT) educator events at local nature centers. She is a member of the Environmental Education Association of Illinois (EEAI) and is a certified Illinois Master Naturalist.

SEISER, John

Northeast Hamilton
jseiser@msn.com

2015 Iowa Ag Literacy Teacher of the year. Started NEH Farms four years ago here at Northeast Hamilton Elementary. School garden and greenhouse, raise heritage breed turkeys here on school grounds(incubation to market), school wide composting projects. Involve agriculture across all curriculum and have now started involving other teachers and grade levels. I have been in education for 27 years. I also run my own hobby farm which is where a lot of my projects and ideas are developed. Up until two years ago I was a highschool football coach and spoke at clinics and conferences all over the midwest. This is my new passion and I am currently working with several groups promoting sustainable agriculture and educating youth and adults. I have more info on our school.

SIDLE, Keri

Minnesota Agriculture in the Classroom
keri.sidle@state.mn.us

Keri Sidle is a native of Jacksonville, Florida. She discovered her passion for agricultural education while serving as an Ambassador for the College of Agricultural and Life Sciences at the University of Florida. She helped open two new agricultural education programs at public schools both in suburban areas during her six years of teaching. Keri relocated to Minnesota in 2014 and joined MAITC in 2016.

SZKUTAK, Christopher

Massachusetts Agriculture in the Classroom
crszku10@gmail.com

Christopher Szkutak is an award winning program developer and certified educator who specializes in developing standards based educational programs for students and adults. He has worked with a variety of different organizations from local historical societies to state and national organizations. Currently, Christopher is a high school math teacher at Whitman-Hanson Regional High School, where he developed a class that incorporates hands on activities and agriculture to help students make mathematical decisions. He also serves a member of the Board of Directors and Technical Consultant for Massachusetts Agriculture in the Classroom. He has a BA in Political Science and Math from College of the Holy Cross and a MSC in U.S. History from the University of London.

TENHUNFELD, DeAnn

California Foundation for Agriculture in the Classroom
deann@learnaboutag.org

DeAnn Tenhunfeld serves as the Curriculum Coordinator for California Foundation for Agriculture in the Classroom. DeAnn earned her degree in Agricultural Science and Management, focused in Animal Science, from the University of California, Davis. After spending time at home to raise her family, she returned to school and received her multiple subject teaching credential with an agriculture authorization. Her love for agriculture began on her grandparent's ranch in Napa, California, where she learned to drive a tractor, care for livestock and load hay! DeAnn now lives on a walnut orchard with her husband, three children, eight goats, five chickens, and one horse. She has taught elementary school (favorite subject - science), coordinated an after school program and garden club, and been her local 4-H Farm Connection Day chair, teaching 3,000 kids about agriculture each year. She is proud to be part of the Ag in the Classroom team!

SPIELMAKER, Debra

National Agriculture in the Classroom; Utah State University
debra.spielmaker@usu.edu

Debra Spielmaker is a Professor at Utah State University in the School of Applied Sciences, Education, and Technology. In addition to her faculty role at Utah State University, Debra serves as the Project Director for the USDA-National Agriculture in the Classroom program. Debra taught agricultural science for seven years in Utah and Montana, and directed the Utah Agriculture in the Classroom program for 18 years. She conducts teacher trainings, and has developed numerous K-12 classroom resources for science, social studies, nutrition, and Career and Technical Education.

STAKER, Jay

Iowa State University
jstaker@iastate.edu

Jay Staker, M.A. is Stakeholders and Partnerships Manager and Associate Director, Iowa Space Grant Consortium at Iowa State University. Building on a 24-year career as a middle- and high-school science teacher, Staker has provided professional development and support for teachers in the classroom for the past 16 years. He also works with 4-H staff volunteers, coordinates 4-H youth participation and assists in design and development of science curriculum for formal and informal learning arenas and led development and implementation of the C6 BioFarm app and curriculum.

STEWARDSON, Denise

Utah Agriculture in the Classroom, Director
denise.stewardson@usu.edu

Denise Stewardson is an Extension Assistant Professor and Director of the Utah Agriculture in the Classroom program at Utah State University. As a faculty member in the School of Applied Sciences, Technology & Education, she also teaches a social science-based agricultural literacy course on global food production for students of all majors. Denise has a B.S. degree in technology education from Eastern Illinois University and a M.S. degree in Industrial Arts from the University of Maryland. Denise was born and raised in central Illinois—the Land of Lincoln—among the corn and soybean fields. Combining her formal education in technology education with an emphasis in communication, and her work experience with Agriculture in the Classroom, it seems only fitting that she is now paying homage to her roots as an advocate for agricultural literacy.

TENNERY, Ambra

National FFA Organization
 atennery@ffa.org

Ambra Tennerly is an advocate for providing all students with the opportunity to succeed through personalized experiences. As Team Leader for the Educational Development and Evaluation team at the National FFA Organization, she collaborates in deploying innovative and engaging mission-based resources for students and teachers across the country. Most recently, Ambra led cross-divisional teams on ideating and delivering the FFA mission while preparing students for career success through the online platforms: AgExplorer and My Journey. Ambra has worked for the National FFA Organization for five years and previously as an agricultural education teacher. Due to her experiences within the classroom, Ambra has led various strategic initiatives involving educational relevancy, diversity and inclusion, and agricultural literacy and advocacy during her time at the National FFA Organization. Ambra earned her Bachelor's degree in Agricultural Education from Purdue University and Master's degree in Curriculum and Instruction from Concordia University.

TROUTMAN, Tracey

MANRRS
 tracey.troutman@ars.usda.gov

Tracey D. Troutman is a native of Rochelle, GA and a graduate of the University of Georgia where she received her Bachelor's degree in Avian Biology, and Master's in Agricultural Leadership, and currently serves as National Secretary for MANRRS. With nearly a decade in diversity and inclusion outreach at USDA in Washington, D.C., Tracey is passionate about ensuring the success of traditionally underserved and underrepresented groups, and looks forward to continued success in the diversity and inclusion arena.

VERHAEGHE, Lindsey

Agrium Inc.
 Lindsey.Verhaeghe@agrium.com

Lindsey Verhaeghe has been developing and implementing agriculture education programs for over a decade. Growing up on a Canadian cattle ranch near the Montana border instilled a passion for agriculture in Lindsey. After graduating with a degree in Communications, Lindsey realized there is a disconnect between urban and rural which resulted in her dedicating her career towards agriculture education. In 2009, she joined Agrium Inc. to lead their Corporate Social Responsibility efforts related to youth education and sustainable agriculture. Learn more about Agrium Sustainability efforts at <http://www.agrium.com/en/sustainability>

VIGESAA, Jill

North Dakota Farm Bureau
 jill.vigesaa@gmail.com

Jill Vigesaa has worked with North Dakota Soil Conservation Districts as an Education Coordinator for many years. 26 years ago, Jill developed an award winning series of educational programs called The Regional Environmental Education Series, designed for classroom presentations. This program educates over 30,000 students each year with over 500 presentations. She became involved with Project Food, Land & People, serving on the National Board and facilitating AITC workshops with Ginger Deitz in North Dakota. Ginger and Jill currently facilitate top rated FLP Workshops across the state. Jill was the first recipient of the National Ag Advocate Award.

VOGA, Gretchen

Polk County Farm Bureau
 gvoga@ifbf.org

Gretchen Voga is program director for Polk County, IA Ag in the Classroom. She uses interactive and engaging programming to educate students and the general public about agriculture. Gretchen is originally from Dubuque, IA and spent several years as a classroom teacher before joining AITC.

WILSON, Craig

USDA/ARS & Texas A&M University
 cwilson@science.tamu.edu

Dr. Wilson was born in Carrickfergus, Northern Ireland but grew up in England and attended Oxford University. He met his Texan wife in Iceland and they had their three children in The Kalahari Desert in Botswana, Africa. His office is in the USDA Building in College Station, alongside which has been created a USDA People's Garden complete with Monarch Waystation (butterfly garden), pond and 'Texas pocket prairie' where students are able to spend a day working on science activities. He has taught for 40 years on three continents in situations ranging from beneath a huge thorn tree on the edge of the Kalahari Desert to experimenting with weightlessness on NASA's KC-135. He has worked with teachers in all 50 states and has taught in 36 states, including Hawaii, Alaska and Puerto Rico. He currently is Director of the USDA Future Scientists Program.

WRAY, Paige

Utah State University
 paige.wray@usu.edu

Paige Wray recently graduated with a Master's degree in Agriculture Extension and Education from Utah State University. While studying at Utah State University, she has worked for Utah State University Extension in the SNAP-ED and 4-H programs. She has conducted research on and gained a passion for agricultural literacy during her studies and hopes to continue a career in this field.

ZUMWALT, Mary

Altamont Lutheran School
 alisfourth@gmail.com

Mary Zumwalt was raised on a grain and livestock farm and has been teaching Ag in the Classroom since 1995 when she attended her first Summer Ag Institute. She combines her two loves, agriculture and teaching, to inspire her students to realize agriculture is important in their daily lives. She currently teaches fourth grade at Altamont Lutheran School in Altamont, Illinois and enjoys learning more about incorporating Ag in the Classroom at Summer Ag Institutes and National Conferences. She is the proud parent of three grown children and five grandsons.

VOLLMER, Laura

Illinois AITC
 lvollmer@ilfb.org

Laura Vollmer serves as an Education Specialist for Illinois Agriculture in the Classroom. As an Education Specialist, Laura helps provide educational resources, training and support related to agriculture for classroom teachers throughout the state. Through this training and support, Ag in the Classroom strives to increase school children's understanding of their food and fiber system. Laura has been with Illinois Agriculture in the Classroom since January 2012. Prior to her work with Illinois AITC, she taught Pre-K, kindergarten and fourth grade. Laura graduated from Illinois State University with a bachelors degree in Elementary Education. She and her husband, Dan, reside in Congerville, Illinois with their twin daughters, Addison and Natalie.

WALTERS, Lani

Canute Elementary Teacher
 laniraebarrick@gmail.com

I am in my sixth year of teaching at Canute. I live in Canute with my husband Clay. We have an agricultural background in raising registered Herefords. My hobbies include raising chickens, gardening, hunting, and running. I have also presented at the State Oklahoma AITC conference in the summer of 2016 and will appear on the website as a 2016-2017 AITC featured teacher.

WEITZENKAMP, Deb

University of Nebraska-Lincoln
 deb.weitzenkamp@unl.edu

Dr. Deb Weitzenkamp is an Extension Educator at the Kimmel Education and Research Center in Nebraska. Deb's mission is to inspire, excite, and expand the STEM knowledge of youth. Her passion is to help youth live where they want to live, and become who they want to become.

WEDNESDAY, JUNE 20, 2017

6:00 AM - 7:00 AM	Traveling Workshop Breakfast	Gillham Hall
6:00 AM - 9:00 PM	Registration Open	Terrace
7:00 AM - 11:30 AM	Traveling Workshops Exhibit Set-Up Silent Auction Set-Up	Off-Site Terrace San Francisco
11:30 AM - 9:00 PM	Silent Auction Open Exhibits Open	San Francisco Terrace
12:00 PM - 2:00 PM	OPENING LUNCHEON Welcome: Blake Hurst, <i>Missouri Farm Bureau President</i> Keynote Address: 'Why Agriculture Needs a Perception Change' Tyne Morgan	Ballroom Atlanta- New York



Tyne Morgan

Tyne Morgan is doing what she calls her "dream job." She's a Missouri girl who has generations of agriculture rooted in her blood. Born and raised in Lexington, Mo., FFA was a big part of her high school career. Her father is an agriculture teacher/FFA Advisory and was her biggest supporter/teacher. Through public speaking and various contest teams, she actually plunged into broadcast at the young age of 16. While in high school, she worked at KMZU radio providing the daily farm market updates, as well as local, state and national agriculture news. Although Tyne always knew she wanted to go into TV, it was then she discovered farm broadcasting was her calling.

Tyne attended the University of Missouri-Columbia where she majored in Agriculture Journalism, with an emphasis in broadcast. During her college years, she was a farm broadcast intern for Brownfield Ag News, and was the 2006 Missouri State Fair Queen, serving as the Ambassador for Missouri agriculture.

WORKSHOP SESSION 1

2:15 – 3:30 PM

GMOs: A Hot Topic in the Media and Classroom: Monsanto Discussion and Presentation	Valerie Bayes	Chicago A
---	---------------	-----------

We will discuss what a GMO is and isn't, how these innovations are tested, the limitations and benefits of the technology, and where biotechnology is used outside of agriculture today. Hear how Monsanto is partnering with others in the agriculture industry to help farmers continue to grow more food for a growing population while remaining sustainable and environmentally conscious. Whether you host GMO debates in the classroom, cover biotechnology in your curriculum, or have questions—we want to make our STEM experts available to you. We will also be giving away free Biotech Seed Kits in the session.

All levels

Apples, and Carrots, and Honey – OH MY!	Sue Knott	Chicago B
--	-----------	-----------

Discover how Minnesota Agriculture in the Classroom was able to use funds from a USDA Specialty Crop Block Grant to develop engaging videos, teacher tours, and a 10-lesson booklet. Attendees will gain hands-on experience with the specialty crop themed curricular resources that focus on standards-based connections in science, social studies and health. These activities will serve as a starting point for participants to brainstorm strategies for utilizing fruits, vegetables, herbs, honey, maple syrup and other interesting specialty crops for contextualizing learning.

All levels

The Facts of Life: More than just Birds and Bees	Amelia Miller, Lyndsay Grasman	Chicago C
Grab middle and high school students' (or adults) attention with this lesson series to engage non-agriculture audiences such as consumers, community members, elementary students or government officials. Utilize active interest approaches to walk through effective conversation tips, accurate research methods and templates for student projects. Or, model these concepts to "train the trainer" by teaching high school youth leaders how to facilitate educational sessions for younger students.		
<i>Grade 10-12</i>		
Happy Orchard: Tools You Can Use to Teach About Pollinators	Deb Weitzenkamp, Connie Reimers-Hild	Empire A
Happy Orchard is a suite of research-based educational tools to help youth understand the role of pollinators in food production. From easy-to-implement low-tech coloring book pages and an activity book to high-tech augmented reality walking tours and a game based app. Learn how Happy Orchard is a tool you can use to reach all audiences. And yes, there really is a Happy Orchard! Happy Orchard is based on the partnership between the University of Nebraska and the historic Kimmel Orchard in Nebraska City.		
<i>Grade 3-6</i>		
Soil Matters! Fun With Plant Nutrients!	DeAnn Tenhunfeld	Chouteau A
Participants will engage in hands-on activities from California Foundation for Agriculture in the Classroom's Plant Nutrients curriculum. Did you know that without bacteria, the nitrogen cycle would cease? Participants will learn about the nitrogen cycle using tactile models and an interactive activity from the unit Chemistry, Fertilizer, and the Environment. Using the Plant Nutrients Fact Sheets, participants will create posters and finally, they will use the student newspaper, What's Growin' On?, to learn how farmers take care of our precious soil resource. All material is aligned to Common Core State Standards, Next Generation Science Standards, and National Agricultural Literacy Outcomes.		
<i>Grade 7-9</i>		
FarmChat® – Virtual Fieldtrips and more	Cindy Hall, Gretchen Voga	Chouteau B
FarmChat® is a unique program that utilizes Skype, FaceTime, etc. to connect schools with farmers. Students can ride along in a combine or tour a livestock barn without leaving their classroom! Programs can be initiated by farmers, teachers or AITC coordinators. The beauty of FarmChat® is that it is easy, cost effective and only relies on connectivity of a cellular network. During this fast-paced session, we'll share what we've learned doing FarmChat® for almost four years. Participants will be able to compare programs and equipment options first-hand while we FarmChat® with an Iowa Farmer during the session!		
<i>All levels</i>		
STEAM up the Classroom with Agriculture	Sarah Glenn	Van Horn
We will show how to take agricultural products and equipment and create STEAM activities that meet Next Generation Science Standards. We will incorporate Science and Literacy with Engineering, Technology and Art and wrap it all up in an agricultural theme.		
<i>Grade 3-6</i>		
Discovering Ag in YOUR State!	Debra Deskin	Benton AB
Discover what agricultural commodities YOUR state has to offer. Participants will construct ag discovery boxes showcasing the different ag commodities your great state has to offer. Learn about Oklahoma agriculture and how to tie this activity specifically to your own state. A hands-on approach to teaching commodity maps!		
<i>All levels</i>		

Integrating Ag Literacy and Technology with Administrative Support	Eric Brooks	Gillham Hall
How can you effectively integrate agriculture with technology and still meet all of your state standards? How can you create a strong hook to gain student interest and receive administrative support for your work? Mr. Brooks takes a balanced approach infusing agriculture into his English/Language Arts classes and other content areas while still meeting requirements of his district and state. Learn about the Maine Ag in the Classroom Book Barn Project and how students created book trailers, which incorporate reading, writing, speaking, and technology standards.		
<i>All levels</i>		
3:30 PM - 3:45 PM	Coffee Break	Foyers

WORKSHOP SESSION 2 3:45 – 5:00 PM

Discover Ag Careers	Kalena Bruce	Chicago A
Using the AFBF Foundation's resource "When I Grow Up: Discover Ag Careers" we will explore how to get students excited for careers in agriculture through STEM and using agriculture as a hands on real applied science students can touch, see, smell and taste how science and math works. Also learn about some of the exciting programs the National YF&R committee facilitates on the Collegiate level.		
<i>Grade 7-9</i>		
Sleep Tight Farm	Leah Gibson	Chicago B
Experience the seasons on a farm and engage with hands-on activities to bring the heartfelt book Sleep Tight Farm to life. Interact with author Eugenie Doyle as she shares about her farm and the passion behind her book. This book is a beautifully illustrated story of how farmers care for the land and animals throughout the year. Discover what it takes to get a farm ready for winter! Participants will leave with an educator's guide full of activities and practical experience to use Sleep Tight Farm in the classroom or on the farm.		
<i>Pre K-2</i>		
Some Assembly Required: History, Science and Soybeans	Amelia Miller, Kevin Daugherty	Chicago C
Take a step back in science innovation history by following Henry Ford's renewable models for automobile manufacturing. Even in the early 1900s, Henry was turning soybeans into products like paints, plastic and more! Explore lessons for multiple grade levels connecting social studies and science through early American inventors. Get students thinking agriculture when considering renewable resources for manufacturing processes.		
<i>Grade 3-6</i>		
What Kids Want to Know About Agriculture: Reevaluating the Farm Field Day Model	Paige Wray, Debra Spielmaker	Empire A
Annually thousands of children visit farms to learn more about agriculture. This workshop will reveal what kids know, want to know, and want to learn about on a farm field trip. Research-based best practices for effectively conducting a farm field day event to increase agricultural literacy will be shared, along with hands-on engagement activities to convey important agricultural concepts.		
<i>Grade 3-6</i>		

Soil Matters! Fun With Plant Nutrients!	DeAnn Tenhunfeld	Chouteau A
Participants will engage in hands-on activities from California Foundation for Agriculture in the Classroom's Plant Nutrients curriculum. Did you know that without bacteria, the nitrogen cycle would cease? Participants will learn about the nitrogen cycle using tactile models and an interactive activity from the unit Chemistry, Fertilizer, and the Environment. Using the Plant Nutrients Fact Sheets, participants will create posters and finally, they will use the student newspaper, What's Growin' On?, to learn how farmers take care of our precious soil resource. All material is aligned to Common Core State Standards, Next Generation Science Standards, and National Agricultural Literacy Outcomes.		
Grade 7-9		

FarmChat® – Virtual Fieldtrips and more	Cindy Hall, Gretchen Voga	Chouteau B
FarmChat® is a unique program that utilizes Skype, FaceTime, etc. to connect schools with farmers. Students can ride along in a combine or tour a livestock barn without leaving their classroom! Programs can be initiated by farmers, teachers or AITC coordinators. The beauty of FarmChat® is that it is easy, cost effective and only relies on connectivity of a cellular network. During this fast-paced session, we'll share what we've learned doing FarmChat® for almost four years. Participants will be able to compare programs and equipment options first-hand while we FarmChat® with an Iowa Farmer during the session!		
All levels		

Let Me Show You Amazing Agriculture Websites!	Pam Hosimer	Van Horn
During the Alaskan Klondike gold rush what vegetable was worth its weight in gold due to its valuable vitamin C? Where can you find an interactive introduction to tools and the four seasons for your school garden? Wish you had the perfect video showing how a plant grows from a seed? Insects as Food!?! Join us for answers as we show you amazing online agriculture resources to inspire you and add fun for your students. We cover a wide range of topics to help you create lessons and support activities using agriculture as a teaching tool. Detailed resource list provided.		
All levels		

Show Me Agriculture Using Books and Projects	Mary Zumwalt	Benton AB
This workshop will show a variety of books and projects used in the classroom that can inform students of the importance of agriculture in their daily lives in a fun yet meaningful way. Show Me Agriculture becomes a hands on learning experience for you that you can take back to your students.		
Grade 3-6		

Going the Extra Degree Produces STEAM	Jennifer Bates	Gillham Hall
This session will highlight samples of exemplary work that connects STEAM to all parts of the curriculum, using the backdrop of a school garden. Community collaboration will be highlighted and discussed. Each of the activities presented will provoke thinking and problem solving. Several inquiry-based lessons will be shared and linked to an educational standard. This session will raise one's enthusiasm and show how a school garden will enhance the STEAM focus at any school. The many partnerships and resources that will be discussed will be applicable to any size school or district.		
All levels		

5:30 PM - 6:30 PM	Reception	Terrace
6:30 PM - 9:00 PM	Opening Dinner—Ag Advocate Award & Live Auction Opening Remarks: Chris Chin, Director of the MO Department of Agriculture	Ballroom Atlanta-New York

THURSDAY



Thursday



7:30 AM - 9:00 AM	Breakfast—White Reinhardt and CHS Awards	Ballroom Atlanta-New York
-------------------	---	---------------------------

7:30 AM - 9:00 PM	Registration Open	Terrace
-------------------	--------------------------	---------

WORKSHOP SESSION 3		9:15 – 10:30 AM
---------------------------	--	------------------------

Civic and Agriculture—Boards that Run Your World.	Linda Chezem	Chicago A
--	--------------	-----------

Join this presentation for an in-depth look at civics and how boards and elected officials play a role in agriculture at the local, regional, state and national level. Walk away with a student workbook and teacher's guide to increasing student understanding of the impact civics has on agriculture and their daily life.

Grade 3-6

Agriculture Measures Up!	Lynn Black, Tammy Maxey	Chicago B
---------------------------------	-------------------------	-----------

Join the staff from Virginia's Agriculture in the Classroom program for an interactive session that will use a problem-based learning approach to integrate agriculture into elementary STEM subjects. Participants will take part in a hands-on demonstration of area and perimeter with multiple grade and subject extensions. Additionally, participants will have the opportunity to become agricultural engineers for the day in a lesson that combines mathematics and animal welfare.

Grade 3-6

Drone Technology Takes Flight	Virginia Deitz, Jill Vigesaa, Lindsey Leker	Chicago C
--------------------------------------	---	-----------

Drone Technology Taking Flight! "Agriculture will be the leading industry sector to use unmanned aircraft in the United States", says Aaron Reinholz, Director of Research Operations at North Dakota State University, as it strives to further precision agriculture. North Dakota's Food, Land & People facilitators, Ginger Deitz and Jill Vigessa, have connected with Lindsey Leker, a science specialist at North Dakota State University Extension Service's Center for 4-H Youth Development. They will become part of the 4-H National Youth Day where STEM educational opportunities take flight as students think like engineers to design, build and test drones.

All levels

Growing Minds in Science	Debra Kearney	Empire A
---------------------------------	---------------	----------

Scientists estimate the Earth will hold 9 billion people by 2050. How will we feed growing population sustainably? The answer is soil nutrients. This workshop includes resources and activities to engage middle and high school students.. The workshop includes hands-on activities about soil science that teachers can replicate in their classrooms, such as the nutrient word scramble. By the end of the workshop, educators will be equipped with materials, activities, and resources to take their soil science unit to the next level!

Grade 10-12

Agricultural Book Club—The Thing About Luck	Maren Reid, Rhodora Collins	Chouteau A
--	-----------------------------	------------

During our presentation, we will share highlights of the 5th grade after-school book club we developed using, The Thing About Luck. This will include the Educator Guide we created to accompany the book, explicit instruction on close reading from a Reading Specialist, several hands-on activities, and a basic overview of what the six-week club looked like. This after-school book club that touched on areas of math, social studies, science, and language arts could also be expanded for use at a library, a YMCA program, a day care facility, or even within a classroom.

Grade 3-6

Creating AgArt Curriculum for the Classrooms of the Future	Heather Giger	Chouteau B
Explore new ways to expand creativity with students by integrating agriculture and art into science based activities. Teachers will learn techniques for building a school garden, connecting with the community, and capitalizing on resources available in our state. Join in for small group fun with hands-on experiences that celebrates bringing composting, planting, harvesting, cooking, and art lessons to life for students.		
<i>Grade 3-6</i>		
Here We Grow: Gardening with K-5 Students	Denise Stewardson	Van Horn
School gardens provide an opportunity to build understanding about the natural world through active investigation and inquiry. Gardens inspire students to use their senses, exercise their imagination, build communication skills, think critically, problem solve, and explore their questions, while providing a meaningful context for multidisciplinary exploration. This session has been developed for K-5 educators interested in engaging students in a gardening project. Participants will explore practical information about indoor and outdoor gardening with children and participate in activities designed to integrate a gardening project with core curriculum standards.		
<i>Pre K-2</i>		
Gardening From my Head To-ma-toes	Lani Walters, Stephanie Greteman	Benton AB
Presentation will show and explain to participants how to start and manage their own school garden. A power point presentation will show how to incorporate the benefits of caring for a garden into the curriculum. Actual photographs will document each step of preparing a garden. A variety of subject areas will be demonstrated with make and take activities. We also will show how we incorporate STEAM (Science, Technology, Engineering, Arts, and Math) with our garden. Fresh from the garden recipes will be offered.		
<i>Pre K-2</i>		
A Baker's Dozen...Make 'n Takes, Books and More!	Laura Vollmer	Gillham Hall
Looking for engaging make 'n takes ready-made to complement your current classroom curriculum? Come discover a few of Illinois Agriculture in the Classroom's favorite books paired with hands-on activities and lessons linked to Common Core and Next Generation Science Standards. This session will feature an hour of crafts and books, and even time to make 'n take the activities with you!		
<i>Pre K-2</i>		
10:30 AM - 10:45 AM	Coffee Break	Foyers



Heartland Harvest Gardens at Powell Gardens, © Visit KC

WORKSHOP SESSION 4		10:45 AM - 12:00 PM
Journey 2050: The Power of Educational Gaming	Lindsey Verhaeghe, Lisa Gaskalla, Debra Spielmaker	Chicago A
How will we sustainably feed 9 billion people by the year 2050? Journey 2050 allows schools to experience agriculture like it's never been taught before. As Grade 7-12+ students explore sustainable agriculture they make inquiry-based decisions to see the ripple effect on social, economic and environmental factors locally and globally. Farm families guide students through interactive games such as a virtual farm simulation. Lesson plans are provided in this free, curriculum-based program. Attend this information session to play the games and hear how you can use it in your community. Food is life. Sustainable food is our future.		
<i>Grade 10-12</i>		
Agriculture Measures Up!	Lynn Black, Tammy Maxey	Chicago B
Join the staff from Virginia's Agriculture in the Classroom program for an interactive session that will use a problem-based learning approach to integrate agriculture into elementary STEM subjects. Participants will take part in a hands-on demonstration of area and perimeter with multiple grade and subject extensions. Additionally, participants will have the opportunity to become agricultural engineers for the day in a lesson that combines mathematics and animal welfare.		
<i>Grade 3-6</i>		
The Love of Cows and other Joys in Agriculture	Kathleen Kendall Walker	Chicago C
Participants will experience how using AITC lessons to teach the differences between beef and dairy cattle can lead to rich experiences in the arts and science. Using technology to welcome guests with music by The Peterson Farm Bros and other ag parodies. We will review several AITC lessons, then each participant will complete a guided painting of a cow. We will finish with examples of student work taking the lesson into thinking maps, poetry writing, and opinion papers.		
<i>Grade 3-6</i>		
Agriculture on the Sports Field	Keri Sidle	Empire A
Football, baseball, soccer and golf involve agriculture to keep the playing surface safe and easy to play. Usually, you don't think about the science and work that goes into the upkeep of fields. If you or your students play sports you know that the surface of the playing field can be a huge factor in the ability to perform well. Come experience lesson activities that highlight agriculture on the sports field and non-traditional agriculture careers in sports. We will investigate the soil and plant science concepts that are applied on the field and analyze case studies of sports field issues.		
<i>Grade 7-9</i>		
Agricultural Book Club--The Thing About Luck	Maren Reid, Rhodora Collins	Chouteau A
During our presentation, we will share highlights of the 5th grade after-school book club we developed using, The Thing About Luck. This will include the Educator Guide we created to accompany the book, explicit instruction on close reading from a Reading Specialist, several hands-on activities, and a basic overview of what the six-week club looked like. This after-school book club that touched on areas of math, social studies, science, and language arts could also be expanded for use at a library, a YMCA program, a day care facility, or even within a classroom.		
<i>Grade 3-6</i>		

A Dynamic Model of Urban Ag Education in the Classroom Utilizing Hydroponics Education	Orlenthe McGowan	Chouteau B
<p>This innovative presentation will provide participants information on how to develop a unique community/school-based model entitled "Urban Ag Education: Utilizing Hydroponics Education." The integrated project model provides participants with a model to promote and serves the local communities/schools, and address global trends Urban Ag Education. This presentation can be replicated throughout urban and rural schools. It will also provide information to help raise agriculture education awareness among diverse learners in schools and emphasize how hydroponics education production systems would contribute to enrich the nutritional offerings, enhance food security, and expand outreach to many youth and the community at large.</p>		
<i>All levels</i>		
Phenomenal Phenomena!	Denise Stewardson	Van Horn
<p>As science education transitions into more student-centered learning—based on A Framework for K-12 Science Education and Next Generation Science Standards—science lessons that integrate agricultural literacy must follow suit. Participants will deconstruct traditional lesson plans and write phenomena that engage students in argument-driven inquiry. A lesson template developed by national experts/teachers will be used to create a lesson that incorporates the 5E instructional model; gathering, reasoning, and communicating concepts; and three dimensional learning. Come prepared to participate and share ideas!</p>		
<i>All levels</i>		
Phenomena...Mahna mahna: Agroecosystems	Will Fett	Benton AB
<p>What does sustainable food production mean? Explore how we can strike a balance producing enough food to meet global demand and still protect the environment. With a lean toward middle and high school grade levels, this fast paced workshop will connect core science standards to agricultural phenomena. We will highlight the intersection between natural ecosystems and agroecosystems. We will link Next Generation Science Standards to National Agriculture Literacy Outcomes.</p>		
<i>All levels</i>		
A Baker's Dozen...Make 'n Takes, Books and More!	Laura Vollmer	Gillham Hall
<p>Looking for engaging make 'n takes ready-made to complement your current classroom curriculum? Come discover a few of Illinois Agriculture in the Classroom's favorite books paired with hands-on activities and lessons linked to Common Core and Next Generation Science Standards. This session will feature an hour of crafts and books, and even time to make 'n take the activities with you!</p>		
<i>Pre K-2</i>		
12:15 PM - 2:00 PM	Luncheon—National Teacher Awards	Ballroom Atlanta-New York
2:00 PM - 2:15 PM	Silent Auction Closes	

WORKSHOP SESSION 5		2:15 PM - 3:30 PM
The Incredible Egg and Experiments	Jacinta LeDonne	Chicago A
<p>American Egg Board will present an overview of the Incredible Egg from Farm to Table as well as a variety of hands on experiments for use in the classroom. The presentation will show educators how to use eggs in the classroom, along with STEM and common core aligned lesson plans.</p>		
<i>All levels</i>		
True Beef: PBL Brings Agriculture and Culinary Arts Together	Leah Gibson	Chicago B
<p>Discover how beef goes from pasture to plate with True Beef, a documentary developed by a culinary instructor in the Texas public school district and his students. They planned, filmed and produced the film as part of a project-based learning experience, visiting farmers, ranchers, meat purveyors and restaurateurs. In this workshop participants will get a sneak peek at the documentary, explore hands on supporting resources, and leave with a strategic plan for using Project Based Learning to bring agriculture into the classroom.</p>		
<i>Grade 10-12</i>		
Why? BEE Cause we need them!	John Seiser	Chicago C
<p>My presentation we be an overview of our yearlong Honeybee unit that I use with my 4th-6th grade Science classes. An observation beehive is the center of all the action as we learn about the lifecycle of bees, their importance to our agriculture system, and the concern of their health and future due to chemical use, pests, and disease. I have been working with the Iowa Honey Producers and local bee clubs to educate everyone on the importance of the honeybee. Classroom video, handouts, and observation hive will all be part of presentation.</p>		
<i>Grade 3-6</i>		
AgExplorer—Find Your Future in Agriculture	Ambra Tenner	Empire A
<p>Looking for an interactive resource to educate students about careers in agriculture? Come learn about AgExplorer; which is a new online tool featuring 235 unique careers in agriculture. Developed through partnership between the National FFA Organization, Discovery Education, and AgCareers.com, this relevant resource can be used in STEM subject areas with students of various ages and learning levels. Bring your electronic devices as we will navigate through videos, career assessments, and archived virtual field trips! Learn about ways to integrate this unique tool to help students find their futures in agriculture.</p>		
<i>All levels</i>		
Returning To Our Prairie "Roots"	Suzi Myers, Debbie Ruff	Chouteau A
<p>Join us as we explore the unique adaptations of prairie plants and learn why they are important to agriculture. Discover how they are now used for pollinator recovery, nutrient loss protection, and soil health improvement. Come learn about these amazing native plants through literature connections, hands on activities you can take back to your classroom that can be used across the curriculum to address STEM, NGSS and Common Core concepts.</p>		
<i>Grade 3-6</i>		

Animals Inside & Out: An Animal Science Program for Upper Elementary	Ashley Benes, Darci Pesek, Rhonda Herrick	Chouteau B
Animals provide milk, meat and fiber, as well as provide companionship and by-products that we use every day. AI&O is a hands-on lesson series (session attendees will receive these lessons!) developed to help youth better understand these concepts, as well as learn more about: · Careers in animal science · Classifying, collecting data, hypothesizing · Comparing body systems of different types of animals. · How STEM relates to animals		
Grade 3-6		
Changing Horizons: Recruiting and Retaining Ag Talent	Tracey Troutman	Van Horn
Participants will learn best practices in recruiting and retaining racially diverse talent to pursue careers in STEM including agriculture. Workshop will also explore the importance of diversity and inclusion for everyone!		
Grade 10-12		
Special Education: Where Ag Education is the Solution	Kelly Hunt	Benton AB
Special Education students greatly benefit from hands-on learning that focuses on lifelong goals and instantly applicable skills, which is an integral part of agriculture education. This workshop will consist of analyzing methods for modifying and accommodating agriculture-based curriculum for Special Education students across various levels of difficulty. This workshop will use already-made Ag in the Classroom lessons as examples as well as dissect new lessons created just for students with special needs. It will also give samples of a variety of ages while concentrating mostly on how to adapt an age-appropriate agriculture-based curriculum to an appropriate skill level.		
All levels		
Art + Ag Labels = Engaging Lessons for Diverse Learners	Browning Neddeau	Gillham Hall
Historic agricultural labels tell important stories about marketing, art history and cultural shifts in society. Participants will engage in field-tested visual art lessons that underscore the role of agricultural marketing. Connections will be made to the National Agricultural Literacy Outcomes. Participants will leave the workshop with lesson ideas that can be implemented across the curriculum.		
Grade 7-9		
3:30 PM - 3:45 PM	Coffee Break	Foyers
3:30 PM - 6:30 PM	Auction Check Out	

WORKSHOP SESSION 6		3:45 PM - 5:00 PM
C6 BioFarm: A Sustainability Game for Learning the About the Bio-based Economy	Jill Euken, Jay Staker	Chicago A
C6 BioFarm is a 2D simulation game, published online and available via web browser and mobile applications (Android and iOS). Players interact with the land over a series of rounds (years), Farmville-style, deciding how to implement sustainability practices while producing food, fiber, and fuel. Players are able to see the cumulative effects of their decisions on farm income and the environment. The accompanying curriculum, designed for grades 7-12, is aligned with Next Generation Science Standards and Agricultural Education standards and includes a unit on careers in renewable energy.		
Grade 10-12		
True Beef: PBL Brings Agriculture and Culinary Arts Together	Leah Gibson	Chicago B
Discover how beef goes from pasture to plate with True Beef, a documentary developed by a culinary instructor in the Texas public school district and his students. They planned, filmed and produced the film as part of a project-based learning experience, visiting farmers, ranchers, meat purveyors and restaurateurs. In this workshop participants will get a sneak peek at the documentary, explore hands on supporting resources, and leave with a strategic plan for using Project Based Learning to bring agriculture into the classroom.		
Grade 10-12		
Tapping into Maple Tradition	Debbi Cox, Christopher Szkutak	Chicago C
NHAITC is developing a comprehensive educational K-12th grade curriculum based on maple production. Lessons will use components of maple production to teach core academic subjects such as science, chemistry, history, economics, language arts, engineering, nutrition, etc. The centerpiece of the project is a video addressing a variety of educational topics involved in the production of maple syrup. A classroom poster compliments the video. From there, we are adding core academic lessons based on maple production. In our workshop, we will explain the project, show the video, discuss some of the lessons and try a few activities.		
All levels		
An energetic session on Food Energy; Matter that matters; and Space, or lack thereof.	Craig Wilson	Empire A
OBSERVATION is the basis of all the sciences. Hone your own observation skills with activities for your students. SPACE: Only 1/32 of the Earth's surface is farmable, through a demonstration and videos of Earth taken from space. FOOD Energy: Study almonds and peanuts. Work out the seed's calorific value in a simple experiment for your students. Understand photosynthesis, cellular respiration and your digestive system. MATTER: Experiments using a wax candle. It is a model to teach the states of matter and basic observation skills. Activities using ethanol to highlight its use as an energy source and as an exothermic reaction.		
All levels		
Returning To Our Prairie "Roots"	Suzi Myers, Debbie Ruff	Chouteau A
Join us as we explore the unique adaptations of prairie plants and learn why they are important to agriculture. Discover how they are now used for pollinator recovery, nutrient loss protection, and soil health improvement. Come learn about these amazing native plants through literature connections, hands on activities you can take back to your classroom that can be used across the curriculum to address STEM, NGSS and Common Core concepts.		
Grade 3-6		

Food Loss and the Role Pesticides Play from Field to Market: Free Resources for the Classroom	CropLife Amercia	Chouteau B
Reducing food waste and loss has become a focus along the entire food chain and is an important conversation to have with students. For students pursuing a career in ag, it's even more important to understand how reducing loss begins at the farm level. The conversation on food loss also creates the opportunity to discuss why and how farmers use pesticides to grow efficiently. Come to this session to gather free teaching resources and learn more about how farmers use pesticide technology to prevent damage to crops and grow heartier foods that last longer.		
<i>All Levels</i>		
Pest Management & Pesticides: A Historic Perspective	Kelly Lowery	Van Horn
A great way to teach history, science, and health is to provide a perspective of how pest management has evolved over the centuries. Materials for classroom use will include lesson plans, video, and hands-on activities that can be used to show learners how pest management has changed from early practices to controls discovered purely by accident to today's development and regulation of synthetic pesticides used in agriculture and by consumers. The Irish potato famine, bubonic plague, DDT use, and Rachel Carson's Silent Spring illustrate historical and societal lessons on how pests and pest management have changed the course of history.		
<i>Grade 10-12</i>		
Fun with Plants	Shelley Mitchell	Benton AB
Even if you don't have a green thumb, come experience lessons that integrate plants into core and elective subjects from elementary school through high school. All lessons are hands-on, fun, and can be done on a shoestring budget! Leave with finished products, ideas, and a resource list of ways to integrate plant science into your classroom curricula. Fast lessons, semester-long projects, indoors or outdoors, with or without a garden, we'll cover ways to make sure plants get the attention they deserve!		
<i>All levels</i>		
You Say Tomato, I Say Tomatosphere: Space Seeds in the Classroom	Sabrina DeVall	Gillham Hall
Providing sufficient food and air for future space travelers will be essential – and challenging. Tomatosphere uses the excitement of space in award-winning, STEM-driven curriculum to teach students about plant science and get them interested in agriculture. Over 3,000,000 students have contributed to human survival in space research through Tomatosphere since 2011 and enrollment increases every year. Participation is free and opens the door to starting other seed-related projects in the classroom. FTSF will present Tomatosphere & 3 other standards-based seed programs that are provided free of charge and can easily be implemented into existing curricula.		
<i>All levels</i>		
6:00 PM	Dinner On Your Own	Off-Site

FRIDAY



Friday



FRIDAY, JUNE 24, 2016

7:00 AM - 8:45 AM	CLOSING BREAKFAST Keynote Address: 'I'm Farming and I Grow It: An Advocating Success Story' Greg Peterson, Peterson Farm Brothers	Ballroom Atlanta- New York
7:30 AM - 12:00 PM	Registration Open	Terrace



Greg Peterson

Greg is a 2013 graduate of Kansas State University where he majored in Agricultural Communications and Journalism. He grew up and still works on a family farm near Assaria, KS with his parents, 2 brothers, and sister. In 2012, Greg founded the "Peterson Farm Brothers" with his siblings. The videos that have resulted have reached over 45 million people in 5 years and have led to an increased role in agricultural advocacy for Greg. He has now given over 300 speaking presentations in 40 states and 8 countries and is passionate about the future of the agricultural industry.

MINI WORKSHOPS (FOUR 25-MINUTE ROTATIONS)		9:00 AM - 11:00 AM
9:00 AM - 9:25 AM Mini Workshop 1	10:00 AM - 10:25 AM Mini Workshop 3	
9:30 AM - 9:55 AM Mini Workshop 2	10:30 AM - 11:00 AM Mini Workshop 4	
Ag Notebooks in EARLY CHILDHOOD Classrooms	Frances Miller	Chicago A
Can early learners make AG connections? Yes, they can! Participants will make their own AG notebook. The books will be just like our learners--all unique.		
<i>Pre K-2</i>		
SoiLife Box	Virginia Deitz, Jill Vigesaa	Chicago B
SoiLife Box materials will be provided to make your own classroom Life Box that has been used for science fairs and water festivals. Through deduction, this box will help students learn that plants and animals depend on four crucial resources for life on earth. An emphasis on how these four factors work together in a system, with a focus on soil, will be made using this as a tool.		
<i>All levels</i>		
Informational Text Bell Ringers for secondary students	Kevin Daugherty	Chicago C
Separate fact from fiction with a new weekly email bell-ringer featuring FarmWeek newspaper and the Illinois Agriculture in the Classroom program. Clear and concise reading material with a variety of questions (and answers) provided across multiple levels. Your new Tuesday morning go to activity.		
<i>Grade 7-9</i>		

Games and Lesson about agriculture in your state!	Susan Kleiboeker, Meggan Hiestand	Chouteau A
Presentation will be about different games presented to 3rd-6th grade students on the important of Farming and Agriculture and your state. Although from Illinois, we'll use the State Facts from www.agclassroom.org and will show you activities that can be easily adapted to your state. Come and play and learn and take home activities to implement at the state of the school year and all year long. We'll include topics of grains, maps, natural resources, pumpkins, water, and general trivia. This will be an action packed time for all involved.		
Grade 3-6		
Bushels of Fun: Fruit and Veggie Games for Everyone	Audrey Harmon, Cheri Long, Melody Afill	Chouteau B
Do you want to get students up and moving? Would you like to improve their health, nutrition, and agricultural knowledge? Then join us and let us "show you" how! This workshop will require activity and movement. Participants will engage in physical activities that they can use to educate others about specialty crops: specifically fruits, vegetables, pecans, and honey. These games can be used as icebreakers or learning activities both in the classroom and in physical education classes.		
All levels		
Stirring up Agriculture	Jo Ann Hebert, Catherine Olinde	Van Horn
"Stir Up Agriculture" adds agriculture content into the subject areas of Math, Science, Social Studies and ELA. Measurement concepts are used while planting vegetables in our outside garden area. We measure spacing, size of vegetables, and quantity harvested. Social Studies helps students to better understand where our Creole and Cajun roots began. We also learn to make file', grind wheat, and comb cotton. With all the sugar cane fields, we are surely going to try sugar cane! Can we help you stir up Agriculture in your classroom?		
Grade 3-6		
From Fact to Fiction	Judy Culbertson	Benton AB
Apples as super-heroes? A carrot visiting the Statue of Liberty? Participants will experience how to use Agricultural Fact and Activity Sheets to launch creative writing projects. Each year, California Foundation for Agriculture in the Classroom holds an Imagine this... Story Writing Contest open to students in grades 3 through 8. Come learn how to use informational text to create an exciting narrative. Be inspired to start your own contest!		
All levels		
Christmas In June—Ag Edition	Zena Lewis	Gillham Hall
Celebrate the joys of the holiday season. Teachers will create a make and take project and leave with items they can incorporate into their existing curriculum. Agricultural Literacy will be introduced the first hour of the first day of school. A specialty crop of Oklahoma, the Christmas tree, will be brought to life. Lesson ideas will bring the season of cheer to a busy teacher. The environment of agriculture, will stir the interest of all ages of students.		
All levels		
11:00 AM - 2:00 PM	Exhibit Break-Down	Terrace

AWARDS



AG ADVOCATE AWARD

SPONSORED BY NATIONAL GRANGE OF
THE ORDER OF PATRONS OF HUSBANDRY



Carol Baker-Dunn Georgia

The National Agriculture in the Classroom Organization (NAITCO) and National Grange selected Georgia volunteer educator Carol Baker-Dunn as the winner of its Agriculture Advocate Award for 2017.

Baker-Dunn won the award for her efforts to help establish the Georgia Farm Bureau Foundation for Agriculture which oversees agricultural literacy outreach in K-12 schools throughout the State of Georgia. In addition, she re-energized an agricultural literacy outreach program in schools in her community with an

elementary school reading program, a school garden implementation effort, a book barn lending library and a classroom grants funding opportunity.

When she isn't working as a portions manager for Perdue Farms, she's serving as a volunteer board member of the Georgia Farm Bureau and Houston County Farm Bureau Women's Leadership Committees and Georgia Farm Bureau Foundation for Agriculture.

When Baker-Dunn heard about the need for a Georgia Agriculture in the Classroom Educator Workshop/Farm Experience in 2015, she set up meetings with school district administrators and Georgia Agriculture in the Classroom. She worked with her employer Perdue Farms to include a tour of the poultry processing plant. The workshop attracted teachers from around the state, and was a tremendous success. It led to another filled-to-capacity workshop in 2016.

As she worked with her employer and other agribusinesses in the community, she identified funding sources that led to the establishment of the Georgia Farm Bureau Foundation for Agriculture.

Baker-Dunn grew up on a 2500-acre row crop and beef cattle farm in Northwest Tennessee. She graduated from the University of Tennessee with a Bachelor's Degree in Education, and has worked in the poultry industry for 16 years which is what brought her to Georgia in 2006. She lives in Perry, GA and has two children, 23-year-old Alexandria and eight-year-old Matthew.

USDA-NIFA NATIONAL AWARD
FOR EXCELLENCE IN TEACHING
ABOUT AGRICULTURE SPONSORED BY FARM CREDIT



Marla Garnto
Georgia

Georgia elementary STEM resource teacher Marla Garnto involves her students in a 'STEM Challenge' in which they work with local poultry processor Perdue Farms to devise ways to improve efficiencies at the poultry plant.



DeEtta Andersen
Iowa

Iowa high school science teacher DeEtta Andersen's biology and physical science students develop biological buffers to clean a nearby water body, design wind turbines as part of an alternative energy unit and engineer starch-based plastics as alternatives to oil-based plastics.



Denise Scribner
Kansas

Kansas high school biology, ecology and forensic crime science teacher Denise Scribner uses a school wildlife learning site to educate students about 300 varieties of native and cultivated plants, and soil types and profiles. In addition, students in her forensic crime science class learn about the biogeochemical cycle by investigating a mystery involving contaminated soil at a farm.



Stephanie Enaire & Morgan Kerr
Maine

Maine team teachers Stephanie Enaire and Morgan Kerr use a school garden, a watershed project and a classroom embryology project to teach across the curriculum to foster in the minds of their fifth, sixth and seventh graders a love of the environment and an appreciation of the importance of agriculture.



Amber Bales
Oklahoma

Oklahoma third grade teacher Amber Bales ties Oklahoma agriculture to her language arts, math, science and social studies instruction by putting a local twist on the story Stone Soup, involving her students in their school's Farm to School program and planting cabbage and pea plants.



Debra Steen
Tennessee

Tennessee science teacher Debra Steen uses growing plants and rearing animals to teach her fourth and fifth graders all the life sciences, including germination, tropism, photosynthesis, animal genetics and more.



Tiffany Porter
Utah

Utah elementary teacher Tiffany Porter implements a school-wide program involving a greenhouse, aquaponics system and weather station in which students design irrigation systems, determine the best plants to grow in these systems and the nutrients created from the aquaponics system, among other efforts.



Jessica Pittman
Virginia

Virginia first grade teacher Jessica Pittman uses counting different types of seeds to teach math, a Virginia Ag shapes lesson to teach geometry, and an aeroponic growing system to teach science, among other subject areas.

WHITE-REINHARDT AWARDS
SPONSORED BY AMERICAN FARM BUREAU



Dawn Alexander
Tom McCall Elementary
Redmond, OR



Kaylee Borcharding
Pineview Elementary
Latimer, IA



Eric Brooks
Belgrade Central School
Sidney, ME



Shari Davis
Community Lutheran School
Tripoli, IA



Will Elliott
East Robertson High School
Goodlettsville, TN



Sarah Glenn
Huntsville Intermediate School
Elkins, AR



Kathy Guse
Farm Camp Minnesota
Janesville, MN



Zena Lewis
Owasso 6th Grade Center
(Owasso Public Schools)
Owasso, OK



Andy Roach
McFadden School of Excellence
Cand Ridge, TN



Tracey Tumaniec
Manz Elementary
Eau Claire, WI



John Turrietta
Martin Luther King Jr.
Elementary School
Rio Rancho, NM

ALABAMA
Kay Bigham
 Walker Elementary

ALABAMA
Kathy DeFoor
 Eva School

CALIFORNIA
Eric Bull
 Echo Valley

CALIFORNIA
Lisa Liss
 Wood Lake Elementary

FLORIDA
Carrie Sue Edenfield
 Hardee Senior High School

GEORGIA
Catherin Knight
 Comer Elementary

ILLINOIS
Karen Crites
 St. Mary's Middle

ILLINOIS
Stacy McQueen
 Gard

ILLINOIS
Kathleen Shirley
 St. Mary

ILLINOIS
Rena Rose
 Nauvoo-Colusa Elementary

INDIANA
Kelly Shannon
 Sugar Creek Elementary School

IOWA
Stephanie Lukavsky
 Seymour Community School

KANSAS
Elizabeth Tackett
 Gardiner Elementary School

KANSAS
Wanda Small
 Atchison County Community Elementary School

KANSAS
Rochelle Sheddrick
 Service Valley Charter Academy

KENTUCKY
Judy Trunnell
 College View Middle School

LOUISIANA
Jo Ann Hebert
 STEM Magnet Academy

LOUISIANA
Erika Anderson
 Homer High School

LOUISIANA
Vickie Mayeux
 Cottonport Elementary

MASSACHUSETTS
Christopher Szkutak
 Whitman Hanson High School

MICHIGAN
DJ Logan
 Gateway North Elementary

MINNESOTA
McKenzie Gregory
 Rockford Middle School

MONTANA
Kimberly Konen
 Beaverhead County High School

NEBRASKA
Judi Roach
 Sidney Public Schools

NEBRASKA
Jane Gundvaldson
 Thomas Elementary School

NEW MEXICO
Abigail Husson-Matter
 East Picacho Elementary

NEW MEXICO
Ashley Cartwright
 East Picacho Elementary

NEW MEXICO
Silvia Mariscal
 East Picacho Elementary

NEW YORK
Mary McCart
 Alexandria Central School

NEW YORK
Judiann Carmack-Fayyaz
 Bridgehampton USFD

NORTH CAROLINA
April Smith
 Harmony Elementary

OKLAHOMA
Stephanie Greteman
 Canute Elementary

OKLAHOMA
Debra Deskin
 Orvis Risner Elementary

PENNSYLVANIA
Lori Hess
 LCCTC FFA

SOUTH CAROLINA
Annie Baxley
 Pleasant Hill Elementary

TENNESSEE
Tiffany Robertson
 North Stewart Elementary

TENNESSEE
Angela Bright-White
 Philadelphia Elementary

TEXAS
Michele Knauf
 Sacred Heart Catholic School

TEXAS
Hillarie Rollins
 Forest Ridge Elementary

UTAH
Jana Maw
 Farr West

VERMONT
Peggy McLenithan
 Molly Stark School

VIRGINIA
Susan Spranger
 Patrick Henry Elementary

WISCONSIN
Sheri Hicken
 School for Agricultural & Environmental Studies
 (SAGES)

WISCONSIN
Heather Grabarski
 Adams-Friendship Elementary

STATE TEACHERS OF THE YEAR

STATE	RECIPIENT	SCHOOL	GRADE(S)
Alabama	Kathy DeFoor	Eva School	5th Grade
Arkansas	Brandy Jones	Woods Elementary	5th Grade Social Studies
California	Lisa Liss	Woodlake Elementary	5th Grade
Florida	Carrie Sue Edenfield	Hardee Senior High School	11th Grade Chemistry
Florida	Tara Dukanauskas	North Andrews Gardens Elementary	2nd Grade, Gifted and Advance
Georgia	Marla Garnto	Northside Elementary	K-5th Grades STEM Resource/Music
Illinois	Rena Rose	Nauvoo-Colusa	4th Grade
Iowa	DeEtta Andersen	Center Point Urbana High School	9th -10th Grades
Kansas	Denise Scribner	Eisenhower High School	High School Biology, Ecology & Forensic Crime Science
Kentucky	Judy Trunnell	College View Middle School	Secondary
Louisiana	Lisa Owens	Homer High	9th-12th Grades, English, Fine Arts Survey and Library Science
Louisiana	Karen Parrino	North Live Oak Elementary	Kindergarten
Maine	Eric Brooks	Belgrade Central School	5th Grade
Michigan	Tony McCaul	Careerline Tech Center	High School Agriscience
Michigan	Heather Klimza	Reeths-Puffer Pennsylvania Elementary	Pre-K and Kindergarten
Minnesota	McKenzie Gregory	Rockford Middle	5th/6th Grades Writing
Nebraska	Matthew Koth	Highland Elementary	3rd Grade
Nebraska	Jane Gundvaldson	Thomas Elementary	4th Grade
New Mexico	Ashley Cartwright	East Picacho Elementary	3rd Grade
New Mexico	Silvia Mariscal	East Picacho Elementary	3rd Grade
New Mexico	Jessica Bouloiseau	East Picacho Elementary	2nd Grade
New Mexico	Abigail Husson-Matter	East Picacho Elementary	2nd Grade
New Mexico	Lucia Gutierrez	East Picacho Elementary	1st Grade
New York	Maria Plitt	Eastport Elementary School	3rd-6th Grades, Science
North Carolina	Stephanie Titzel	Roland-Grise Middle School	8th Grade Science
Oklahoma	Debra Deskin	Orvis Risner Elementary	2nd Grade
Oregon	Melissa Doherty	Rocky Heights Elementary	3rd Grade
Pennsylvania	Lisa Klipa	Praise Christian Academy	4th Grade
South Carolina	Annie Baxley	Pleasant Hill Elementary	1st Grade—All Subjects
Texas	Hillarie Rollins	Forest Ridge Elementary School	1st Grade, Self Contained
Utah	Tiffany Porter	Crimson View Elementary	K-5th Grade
Virginia	Jessica Pittman	Bowling Green	1st Grade
Wisconsin	Heather Grabarski	Adams-Friendship Elementary	5th Grade/ELA, Math, Science, Social Studies

SPONSORS / EXHIBITORS



NAITC SPONSORS

RAINMAKER SPONSOR LEVEL



Agrium
13131 Lake Fraser Drive SE
Calgary, Alberta T2J 7E8
Canada
403-630-4812
Lindsey Verhage
Lindsey.Verhaeghe@agrium.com



American Egg Board
PO Box 738
Park Ridge, IL 60068
Jacinta LeDonne
JLeDonne@aeb.org



CHS Foundation
5500 Cenex Drive
Inver Grove Heights, MN 55077
Tera Fair
tera.fair@chsinc.com



National Agriculture in the Classroom Organization
19 River Oaks Way
Palm Coast, FL 32137
Lisa Gaskalla
info@naitco.org



Tractor Supply Company
5401 Virginia Way
Brentwood, TN 37027
Jessica Holmes
jholmes@tractorsupply.com



USDA - NIFA
1400 Independence Ave., SW
Washington, DC 20250
Victoria LeBeaux
Victoria.s.Lebeaux@nifa.usda.gov

HARVESTER SPONSOR LEVEL



Farm Credit Council
 50 F St NW #900
 Washington, DC 20001
Brittany Jablonsky
 jablonsky@fccouncil.com



Land O Lakes
 4001 Lexington Avenue North
 Arden Hills, MN 55126
Amanda Ingram
 651-375-1955
 aingram@landolakes.com

CULTIVATOR SPONSOR LEVEL CONT.



Iowa State University Bioeconomy Institute
 1124D Biorenewables Research Laboratory
 617 Bissell Road
 Ames, IA 50011
Jill Euken
 jeuken@iastate.edu



Iowa Farm Bureau
 5400 University Ave
 West Des Moines, IA
 502-66-5950
Barb Lykins
 blykins@ifbf.org



Kansas Soybean Commission
 1000 SW Red Oaks Place
 Topeka, KS 66615
Kenlon Johannes
 johannes@kansassoybeans.org

CULTIVATOR SPONSOR LEVEL



American Farm Bureau Foundation for Agriculture
 600 Maryland Ave SW
 Washington, DC 20024
Julia Recko
 juliad@fb.org



DuPont Pioneer
 P.O. Box 1000
 Johnston, IA 50131-0184
Robin Greubel
 robin.greubel@pioneer.com

RANCH HAND SPONSOR LEVEL



American Agri-Women
 1940 Pleasant Valley Rd
 Manhattan, KS 66502
Jean Goslin
 education@americanagriwomen.org



American Hereford Association
 1501 Wyandotte St | P.O. Box 014059
 Kansas City, MO 64101
SyAnn Foster
 sfoster@hereford.org
 816-842-3757

RANCH HAND SPONSOR LEVEL CONT.



Cottons Journey
 P.O. Box 811
 Hanford, CA 93232
 1.800.698.1888
 www.cottonsjourney.com



CropLife America
 1156 15th Street N.W., Suite 400
 Washington, DC 20005
 sedison@croplifeamerica.org



Domino's Pizza Smart Slice
 30 Frank Lloyd Wright Dr.
 Ann Arbor, MI 48106
 Barry Friedman, Director
 Barry.Friedman@dominos.com
 860-248-9710



Great Plains Center for Agricultural Health
 145 N. Riverside Dr., S329 CPHB
 University of Iowa
 Iowa City, IA 52242
 Brandi Janssen
 brandi-janssen@uiowa.edu



BOYDS MILLS PRESS

Highlights for Children/Boyd's Mills Press
 803 Church Street
 Honesdale, PA 18431
 Janine Webb
 Janine.webb@highlights.com



Illinois Beef Association
 2060 W Iles Ave # B,
 Springfield, IL 62704
 Reid Blossom
 reid@illinoisbeef.com

RANCH HAND SPONSOR LEVEL CONT.



Kansas Beef Council
 6031 SW 37th St.
 Topeka, KS 66614
 Kevin Thielen
 kevint@kansasbeef.org



Missouri Beef Industry Council
 2306 Bluff Creek Dr.
 Columbia, MO 65201
 Mark Russell
 mark@mobeef.com



Monsanto
 800 N. Lindbergh Blvd.
 St. Louis, MO 63167
 Mary Cryer
 mcrye@monsanto.com



National Grange of the Order of Patrons of Husbandry
 1616 H St., NW
 Washington, DC 20006
 Betsy Huber
 betsy@nationalgrange.org

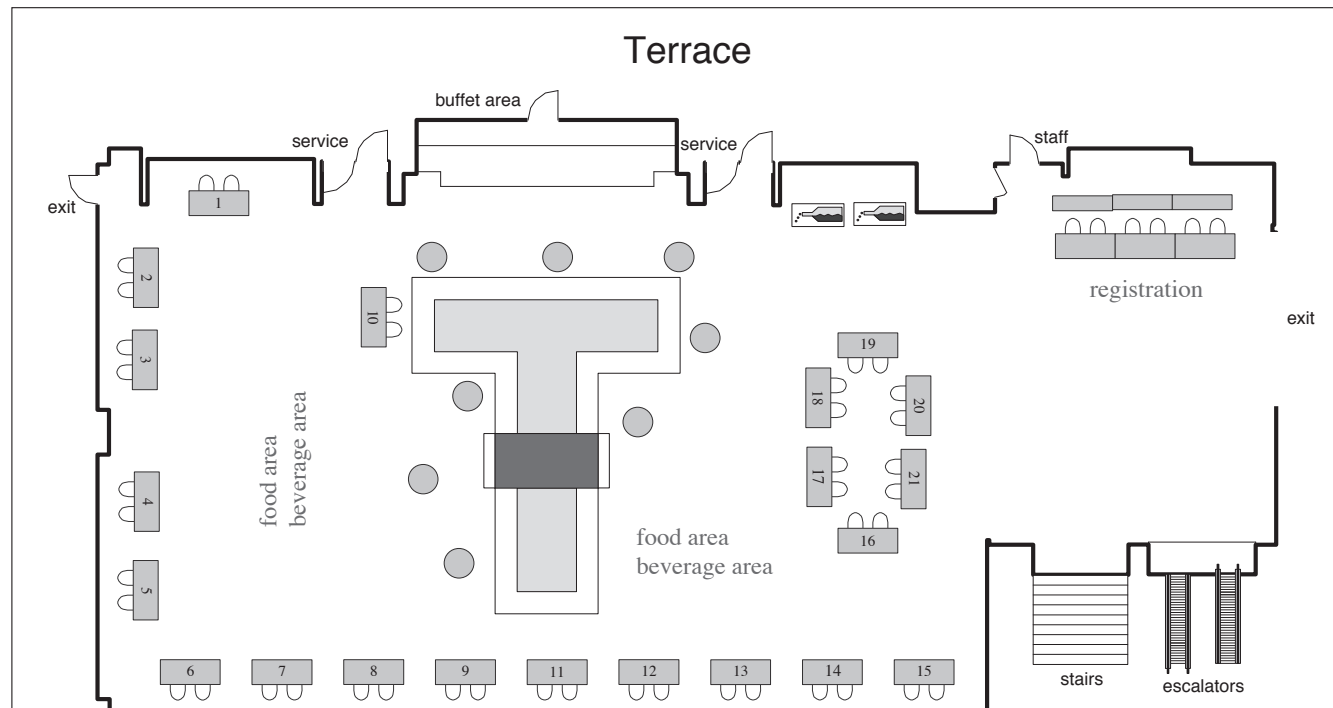


Nutrients for Life
 425 3rd St SW, STE 950
 Washington, DC 20024
 Harriet Wegmeyer
 hwegmeyer@nutrientsforlife.org



Protect the Harvest
 P.O. Box 10116
 Columbia, MO 65205
 Betty Duke
 Betty@LucasOilSpeedway.com

EXHIBIT MAP



EXHIBITOR LISTING

- | | | |
|---|--------------------------------|-------------------------------|
| 1. National Agriculture in the Classroom Organization | 8. Iowa Biotech | 16. National Grange |
| 2. CropLife America | 9. Agrium | 17. First the Seed Foundation |
| 3. American AgriWomen | 10. Reality Works | 18. U.S. Farmers & Ranchers |
| 4. Great Plains Center for Agricultural Health | 11. American Egg Board | 19. Lindenwood University |
| 5. American Hereford Association | 12. Nutrients for Life | 20. Kansas State University |
| 6. American Farm Bureau Federation | 13. Monsanto | 21. USDA NASS |
| 7. Protect the Harvest | 14. Kansas Soybean Commission | |
| | 15. Highlights/Boys Mill Press | |

THANK YOU TO OUR EXHIBITORS

In addition to the sponsors on the previous pages, a special thanks to the following organizations that have joined us as exhibitors this year. Please show your support of all our exhibitors by visiting their booths throughout all the days of the conference.



First The Seed Foundation
 1701 Duke Street, Suite 275
 Alexandria, VA 22314
 Sabrina DeVall
 Sabrina.devall.ftsf@gmail.com

KANSAS STATE UNIVERSITY
 Global Campus

Kansas State University Global Campus
 1615 Anderson Ave.
 Manhattan, KS 66502
 Ginger Cook
 global@k-state.edu



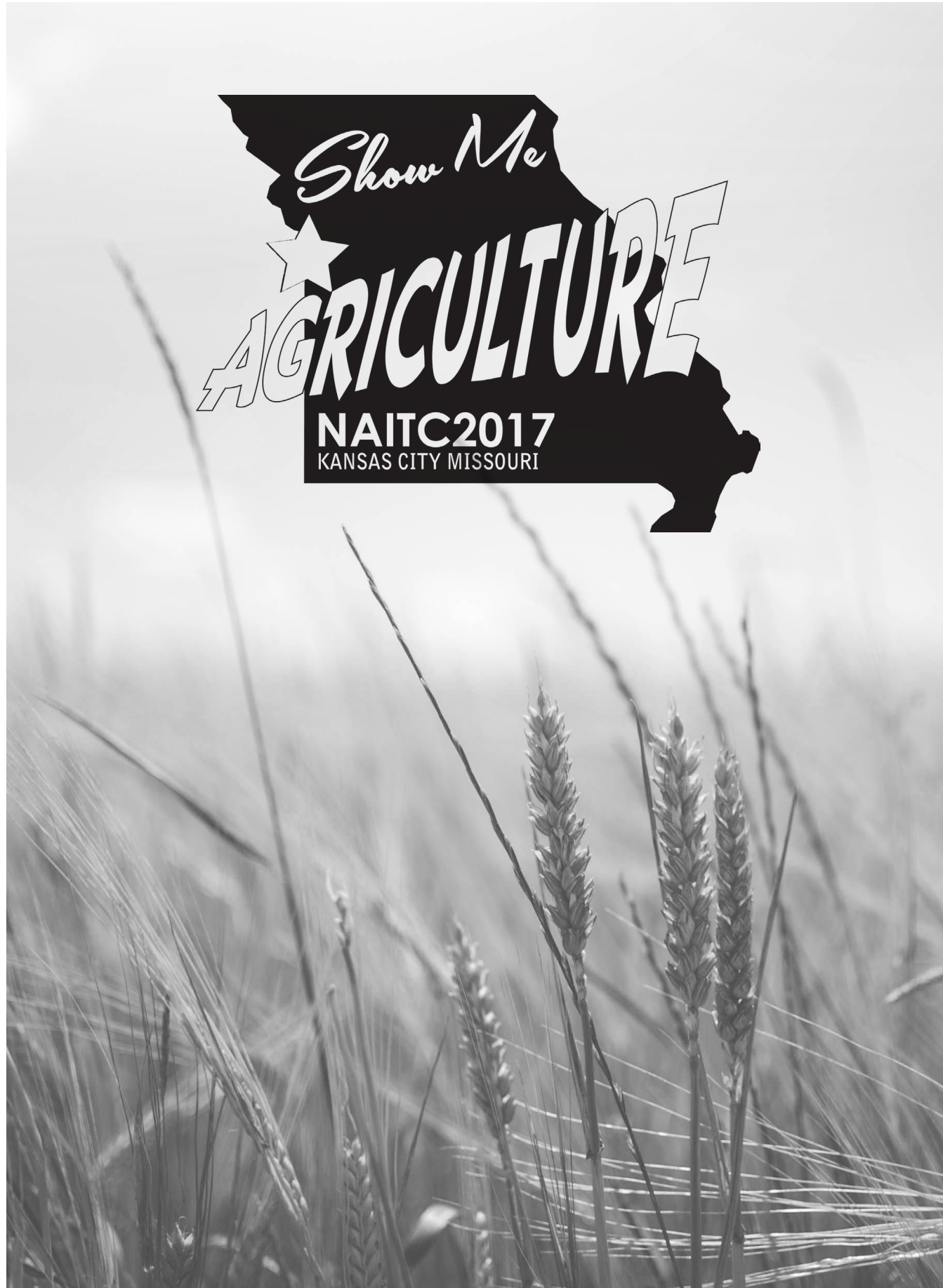
Realityworks, Inc.
 2709 Mondovi Road
 Eau Claire, WI 54701
 Cathy Stenger
 cathy.stenger@realityworks.com



USDA - NASS
 1400 Independence Ave., SW
 Washington, DC 20250
 Leah Jefferson
 leah.jefferson@nass.usda.gov



U.S. Farmers & Ranchers Alliance
 16020 Swingley Ridge Road, Suite 300
 Chesterfield, MO 63017
 Laurie Schneider
 lschneider@usfraonline.org



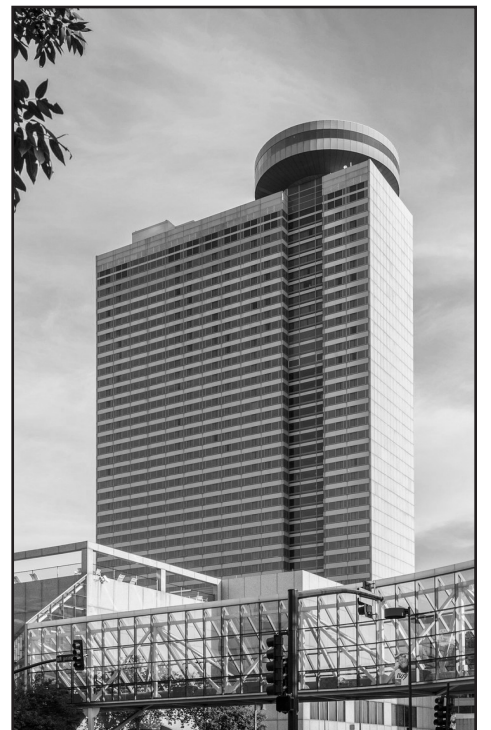
Background Photo Courtesy of Glenn Carstens-Peters

NAITC 2017 PARTICIPANT LISTING (As of 3:00 PM MST on 5-25-2017)

Alabama		Florida		Damos	Anna
Bigham	Kay	Booth	Erika	Daugherty	Kevin
Boyd	Ginger	Dukanauskas	Tara	Fink	Jennifer
Chastain	Rachel	Edenfield	Carrie Sue	Hafkey	Trish
DeFoor	Kathy	Gaskalla	Lisa	Hiestand	Meggan
Hardee	Linda	Register	Victoria	Karrick	Amanda
Mays	Teresa	Sponholtz	Becky	Kleiboeker	Susan
McClellan	Roberta	Georgia		Krawczyk	Melanie
Miller	David	Andrew	Diane	LeDonne	Jacinta
Quigley	Kimberly	Baker-Dunn	Carol	McQueen	Stacy
Ramsey	Kim	Davis	April	Myers	Suzi
Arkansas		Davis	Sabrina	Olson	Linda
Allen	Magen	Garland	Karen	Reeder	Kim
Bemis	Donna	Garnto	Marla	Reeves	Chelsea
Dawson	Amy	Harrell	Katie	Reeves	Jaci
Fawcett	Brett	Knight	Catherine	Reid	Maren
Fawcett	Teresa	Roberts	Angie	Rose	Rena
Glenn	Sarah	Rocker	Donna	Ruff	Debbie
Guffey	Andy	Thompson	Kim	Scannell	Carole
Jackson	Matt	Vanloenen	Lorei	Shirley	Kathleen
Jones	Brandy	Whatley	Lori	Thomson	Robin
Jones	Justin	Williams	Rhonda	Vollmer	Laura
Meador	Alechia	Williams	Vanessa	Weinberg	Dawn
Miller	Peggy	Iowa		Weis	Margaret
Rubio	Janis	Adams	Karen	Winkelmann	Carrie
Swinney	Kelly	Andersen	DeEtta	Woods	Tara
Arizona		Baerg	Jeanne	Zumwalt	Mary
Aikins	Katie	Baerg	Kiley	Zwilling	Donna
Jimenez	Victor	Baitinger	Mary Jo	Indiana	
Pastor	Monica	Ball	Morgan	Allen	Emma
California		Borcherding	Kaylee	Badger	Eugenia
Culbertson	Judy	Cook	Sue	Beasley	Ashley
Liss	Lisa	Davis	Shari	Doke	Betty
Neddeau	Browning	Dittmer	Chrissy	Gladden	Margaret
Tenhunfeld	DeAnn	Dittmer	Kim	King	Karen
Colorado		Euken	Jill	Loyd	Melba
Bee	Arthur	Fett	Will	Meyers	Kayla
Bee	LeeAnn	Franke	Heather	Shannon	Kelly
Connecticut		Hall	Cindy	Taylor	Julie
Cushman	Jen	Han	Guang	Tennery	Amra
Johnson	Martha	Handsaker	Mindy	Zimmerman	Lou Ann
Tanner	Deborah	Janssen	Brandi	Kansas	
Washington DC		Martz	Joan	Anderson	Natalie
Andrews	Sydney	Nelson	Melissa	Barnes	Amy
Brozana	Amanda Leigh	Pagel	Hannah	Black	Angela
Gibson	Leah	Schaefer	Shelby	Chalashtari	Jason
Jefferson	Leah	Seiser	John	Chegwidden	Jessica
Kearney	Debra	Sullivan	Jenny	Currier	Tami
LeBeaux	Victoria	Van Manen	Julie	Esfeld	Jerilyn
Lilja	Christy	Voga	Gretchen	Farris	Theresa
Recko	Julia	Wallace	Kasey	Flavin	Deb
Smith	Joan	Illinois		Gerhardt	Allison
		Banning	Brad	Greene	Angie
		Burdon	Ron	Hall	Jancey
		Collins	Rhodora	Hein	Jessica
				Kreider	Alli

McCaffree McNickle Monaghan Musick Nash Roux Scribner Serita Small Tackett Taylor Voth Webster Wedel Widener	Barbara Sharilyn Sean Cathy Cheryl Rhonda Denise Blankenship Wanda Elizabeth Ally Aaron Debbie Bethanie Toshia	Michigan Alexander Grasman Klimsza Logan Miller Prout Ritter Taylor Vanderwal	Katilyn Lyndsay Heather DJ Amelia Paula Tonia Kimberly Ellen
Kentucky Bryant Christmas Trunnell	Vickie Scott Judy	Minnesota Gregory Guse Knott Lilja Sidle	McKenzie Kathy Sue Nanci Keri
Louisiana Anderson Budde Danos Gregorie Hebert Hymel Mayeux Miller Normand Olinde Owens Ramagos Rodrigue	Erika Margaret Lynda Beth Jo Ann Denise Vickie Frances Yvonne Catherine Lisa Sally Patti	Missouri Bacon Bayes Beck Burkhart Estes Fischer Gee Hombs Kerr Larson Olson Risenauer Seba Shanks Spargo Spooner Steinhoff Thomas Weiberg Wheeler Wilson	Jennifer Valerie Suzi Paula Amy Jo Mary Jodi Michelle Brenda Kristie Diane Lauren Sydney Sunshine Teribeth Paul Rebecca Katie Stacie Ellen Barbara
Massachusetts Szkutak	Christopher	Mississippi Bilbo Edwards Giger McKey Perkins Pilcher	Clara Betty Heather Peggy Kay Angel
Maryland Hosimer Johnston Leiden Welsh Mayo Ridgeway Troutman	Pam Christine Melissa George Becky Tracey	Montana Dawson	Dawn
Maine Bozak Brooks Enaire Fortin Grenier Grenier Kerr Oliver	Christine Eric Stephanie Kelsey Jared Willie Morgan Donna	North Carolina Hight Reedy Smith Titzel Willoughby	Melissa Michele April Stephanie Heather

North Dakota Deitz Leker Stegeman Vigesaa	Ginger Lindsey Ashley Jill	Nebraska Benes Brown Grueber Gundvaldson Heideman Hellerich Koth Lambert Mayhew Perry Reimers-Hild Roach Schaardt Swinscoe Weitzenkamp Wolters Woodworth	Ashley Anica Bev Jane Sarah Ellen Matthew Brandi Becky Sascha Connie Judi Courtney Diane Deb Donnie Kristi
New Hampshire Cox	Debbi	New Mexico Butterfield Cartwright Curry Gutierrez Husson-Matter Mariscal Shafer Turrietta	Cheryl Ashley Traci Lucia Abigail Silvia Cindy John
Nevada Smyer	Amber	New York Carmack-Fayyaz Carpenter McCart Plitt Prokop	Judiann Katie Mary Maria Sandra
Ohio Roush	Judy	Oklahoma Auffill Bales Berry Brunnemer Deskin Greteman	Melody Amber Sandra Teresa Debra Stephanie
Harmon Keel Lewis Long McCartney McGowan Mitchell Reimer Thompson Walker Walters	Audrey Johnnie Zena Cheri Dusti Orlenthea Shelley Ginger Pat Kathleen Lani	Oregon Alexander Jansen	Dawn Jessica
Pennsylvania Chichura, D. Ed. Courtney Hess Lowery Webb Wible	Elaine M. Leigh Ann Lori Kelly Janine Tonya	South Carolina Baxley	Annie
Tennessee Anderson Ashe Baker Barkley Bates Bright-White Brown Chastine Coble Dustin Elliott Flathers Fleming Hall Harrell Hunt Larrance Larrance Lawrence Lee May Morgan Morgan Pitcock Poe Ralston Roach	IvieAnn Hilda Brenda Marty Jennifer Angela Adam Kristy Faye Kendra Will Sister Julia Marie Chris Beverly Dan Kelly Gloria Nick Sister Marie Noelle Dana Jane Brian Wendee Melanie Emily Rachel Andy	Texas Fleming Fuchs Herold Knauf Mason Rollins	Debra Sister Jane Michael Dan Catherine Carole
Utah Brisighella Hill Maw Porter Spielmaker Stewardson Wray	Joy Alisha Jana Tiffany Debra Denise Paige	Virginia Black DeVall Maxey Pittman Spranger Wilkins	Lynn Sabrina Tammy Jessica Susan Tammy
Vermont Goslin	Jill	Wisconsin Arneson Hicken Mueller Olson-Martz Stenger Tumaniec	Darlene Sheri Jane Kay Cathy Tracey
West Virginia Bennett	Mary Beth	Africa Nwafor	Benjamin
American Samoa Tesimale	Eirenei	Canada Verhaeghe	Lindsey



Crown Center, © Visit KC

SCHEDULE AT-A-GLANCE

TUESDAY, JUNE 20, 2017		
4:00 PM - 9:00 PM	Registration Open	Terrace
8:00 AM - 5:00 PM	Pre-Conference Tour NAITCO Meeting	Independence, MO Chicago AB
WEDNESDAY, JUNE 21, 2017		
6:00 AM - 7:00 AM	Traveling Workshop Breakfast	Gillham Hall
6:00 AM - 9:00 PM	Registration Open	Terrace
7:00 AM - 11:30 AM	Traveling Workshops Exhibit Set-Up Silent Auction Set-Up	Off-Site Terrace San Francisco
11:30 AM - 9:00 PM	Silent Auction Open Exhibits Open	San Francisco Terrace
12:00 PM - 2:00 PM	OPENING LUNCHEON Welcome: Blake Hurst, Missouri Farm Bureau President Keynote Address: 'Why Agriculture Needs a Perception Change' by Tyne Morgan	Ballroom Atlanta- New York
2:15 PM - 3:30 PM	Workshop #1	See Agenda
3:30 PM - 3:45 PM	Coffee Break	
3:45 PM - 5:00 PM	Workshop #2	See Agenda
5:30 PM - 6:30 PM	Reception	Terrace
6:30 PM - 9:00 PM	Opening Dinner - Ag Advocate Award, Live Auction Opening Remarks: Chris Chin, Director of the MO Department of Agriculture	Ballroom Atlanta- New York
THURSDAY, JUNE 22, 2017		
7:30 AM - 9:00 AM	Breakfast - White Reinhardt and CHS Awards	Ballroom Atlanta- New York
7:30 AM - 9:00 PM	Registration Open	Terrace
9:15 AM - 10:30 AM	Workshop #3	See Agenda
10:30 AM - 10:45 AM	Coffee Break	
10:45 AM - 12:00 PM	Workshop #4	See Agenda
12:15 PM - 2:00 PM	Luncheon—National Teacher Awards	Ballroom Atlanta- New York
2:00 PM - 2:15 PM	Silent Auction Closes	
2:15 PM - 3:30 PM	Workshop #5	See Agenda
3:30 PM - 3:45 PM	Coffee Break	
3:30 PM - 6:30 PM	Auction Check Out	
3:45 PM - 5:00 PM	Workshop #6	See Agenda
6:00 PM	Dinner On Your Own	Off-Site
FRIDAY, JUNE 23, 2017		
7:00 AM - 8:45 AM	CLOSING BREAKFAST Keynote Address: 'I'm Farming and I Grow It: An Agvocating Success Story' Greg Peterson, Peterson Farm Brothers	Ballroom Atlanta- New York
7:30 AM - 12:00 PM	Registration Open	
9:00 AM - 11:00 AM	Mini Workshops (Four 25-Minute Rotations)	See Agenda
11:00 AM - 2:00 PM	Exhibit Break-down	Terrace

SAVE THE DATE
2018 NATIONAL AGRICULTURE
IN THE CLASSROOM
CONFERENCE
PORTLAND, MAINE
JUNE 26-29, 2018



NAITC 2018 CALL FOR PRESENTATIONS

The 2018 National Agriculture in the Classroom Planning Committee is soliciting presenters for Workshop and Mini-Workshop Sessions. Participants will receive a \$50 discount on the conference registration fee,* but will be responsible for the remaining registration, travel, and lodging. All presenters must be registered participants in the conference. Feel free to submit a proposal in either presentation area.



* One \$50 discount per accepted session, up to the maximum of the conference registration fee. Presenter discounts are not applicable to complimentary conference registrations. No cash value, non-transferrable except to a co-presenter.

Workshop Sessions

Workshops will be held on Wednesday, June 27, 2018 and Thursday, June 28, 2018. Each Session will be one hour in length, with rooms set up in mixed classroom and theater seating. The planning committee will be looking for proposals with rigor and quality that fit today's agriculture and education standards. Workshop sessions should address specific Agricultural Literacy Objectives.

Mini-Workshop Sessions

Mini-workshop sessions will be held Friday, June 29, 2018. Mini-workshops will be presented 3 times for 20 minutes each. These presentations should be lively and engaging, and showcase a specific facet of creatively featuring agriculture.

Proposal Submission Deadline

October 6, 2017 5:00 pm PST

All applicants that apply by the October 6, 2017, deadline will be notified of a decision on your proposed sessions by November 17, 2017.

Final Notification to Applicants: November 17, 2017.

For proposal submission requirements and instructions, visit: Naitconference.usu.edu.

PLAN AHEAD FOR

NAITC 2019: June 18-21

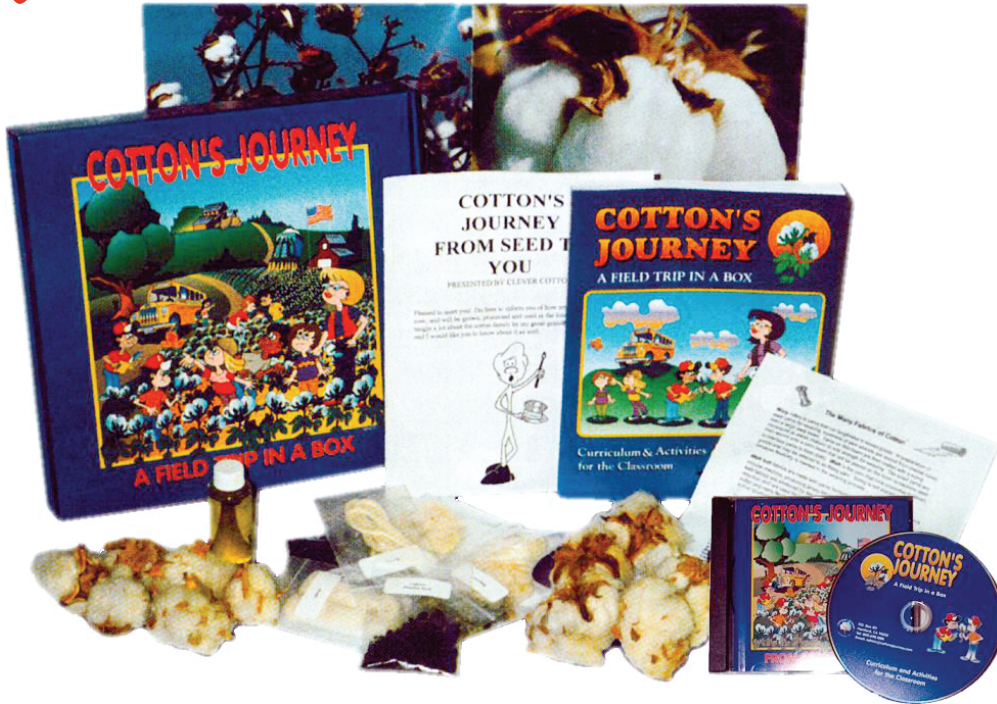
Little Rock, Arkansas - Little Rock Marriott

NAITC 2020: June 23-26

Salt Lake City, Utah - Little America Hotel

LOOKING FOR A NEW AND EXCITING TOPIC
FOR YOUR STUDENTS?

A
FIELD
TRIP
IN A
BOX



About Cotton's Journey - A Field Trip In A Box

This educational program is designed to give inquisitive minds a whole unit experience through the provided teacher's guide & classroom resources. We have done all the research for you...gathered supplemental literature books, videos and CDs, and offer a variety of resources to be used in conjunction with your study unit. Lessons are written for grades 1-8

High School Curriculum Series



THE ECONOMICS OF U.S. COTTON PRODUCTION
AMAZING ART: COTTON'S SIGNIFICANCE IN PIONEER LIFE
COTTON TECHNOLOGY • COTTON BY-PRODUCTS



COTTON'S JOURNEY



P.O. Box 811 - Hanford, CA 93232
1.800.698.1888

Visit our website at www.cottonsjourney.com
for Books, Postcards, Mini Cotton Bales, and
much, much, more!