



urban
integrated
pest
management

eXtension.org

WILDLIFE DAMAGE MANAGEMENT IN THE DIGITAL AGE: COLLABORATING WITH OTHERS TO SPREAD THE MESSAGE

Fudd Graham¹, Janet Hurley² & Kathy Flanders³

¹Department of Entomology & Plant Pathology Auburn University, ²Texas AgriLife Extension, Texas A&M University, ³Alabama Cooperative Extension System

This presentation will discuss how these 3 seemingly disparate groups came together to promote IPM and WDM by sharing information on websites and through webinars. Originally, each community of practice (CoP) on eXtension was set up to be a unique information source. It became clear very early in eXtension's development that many of these 'unique' sites had or needed information that could be used by others. These 3 CoP's had the foresight to work together and link information rather than creating new material.

Outline (very rough)

History of eXtension and what it is

Brief overview of CoP's - urban, wildlife and imported fire ant

How we got together

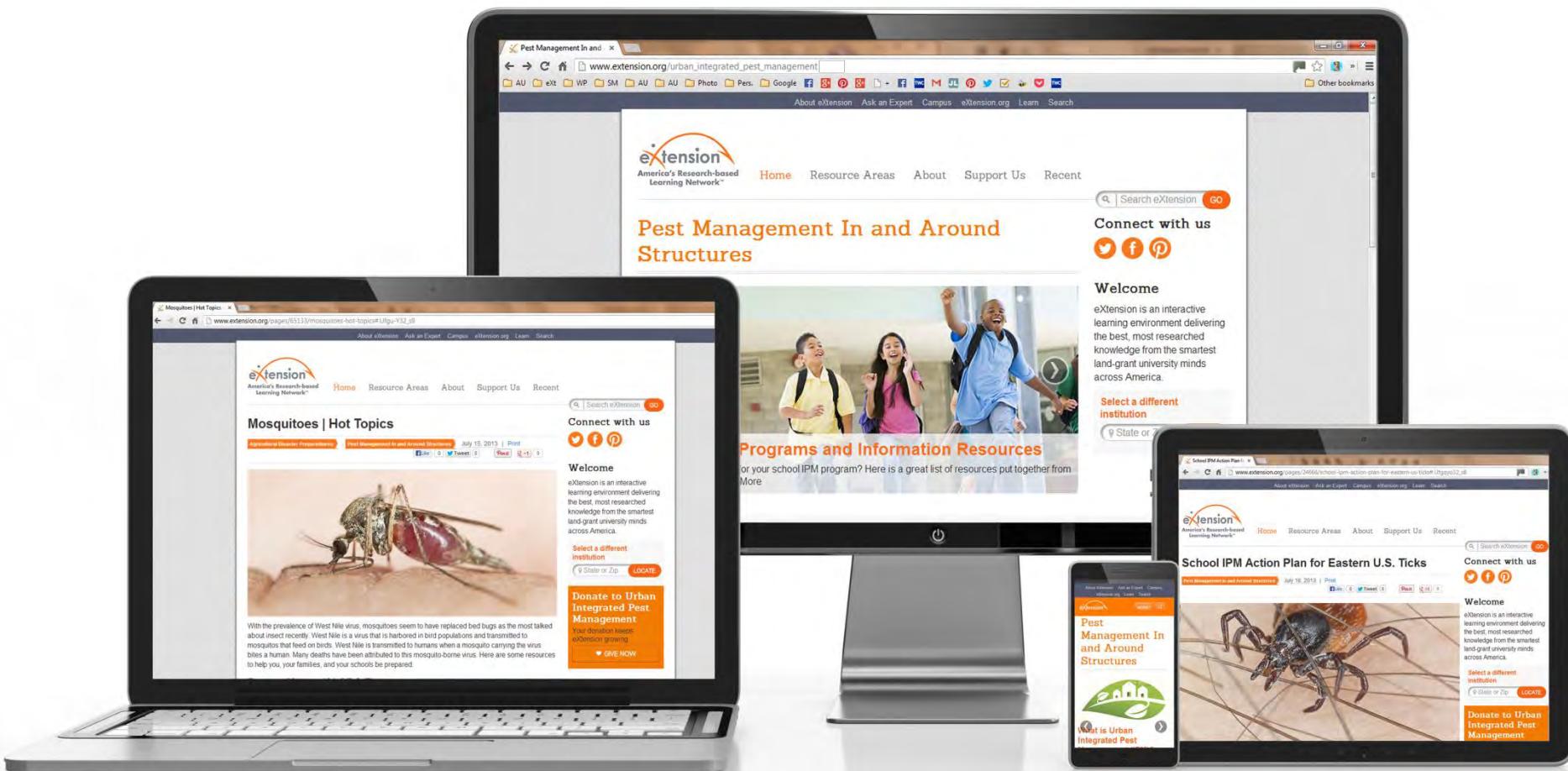
How we worked together

The new eXtension and how it will work (this is still up in the air and may be until the meeting)



WHAT IS eXtension?

eXtension is an interactive learning environment delivering the best, most researched knowledge from the best land-grant university minds across America. eXtension connects knowledge consumers with knowledge providers - experts who know their subject matter inside out



WHO ARE OUR EXPERTS?



TEXAS A&M
AGRILIFE
EXTENSION



TEXAS A&M
AGRILIFE
EXTENSION



AUBURN
UNIVERSITY



THE UNIVERSITY
OF ARIZONA



WASHINGTON STATE
UNIVERSITY
EXTENSION

UF UNIVERSITY of
FLORIDA



Colorado State
University

TEXAS A&M
AGRILIFE
EXTENSION



UF UNIVERSITY of
FLORIDA

THE UNIVERSITY of TENNESSEE
KNOXVILLE, CHATTANOOGA, MARTIN, TULLAHOMA, MEMPHIS



UNIVERSITY OF MINNESOTA
Driven to Discover™



Pioneer Communities of Practice meet in Louisville

Terry Meisenbach, March 14th, 2006 | [One Comment](#)



Leadership teams from the eight Pioneer eXtension Communities of Practice are meeting this week in Louisville KY. The primary focus of the meeting is to train these teams in virtual team building...the art of building and working as teams in a virtual environment. The teams are also seeing demonstrations on how to work together in the eXtension collaborative “wiki” space, hearing some “lessons learned” from some early work as a Community of Practice, learning marketing and financial development strategies, and gaining new insight into the technology resources eXtension offers to Communities of Practice.

The teams represented include: Financial Security for All, Extension Disaster Education Network (EDEN), Imported Fireants, Building Local Economies of the Future, Consumer Horticulture, HorseQuest, Just In Time Parenting, and Wildlife Damage Management.

Herb Bolton
USDA

Anne-Marie Callcott
USDA

Kathy Flanders
Auburn University

Molly Keck
Texas A&M University

Maggie Lawrence
Auburn University

Kelly Loftin
University of Arkansas

Paul Mask
Auburn University

Kathy Flanders
Auburn University

Paul Nester
Texas A&M University

Jason Oliver
Tennessee St University

Emery Tschetter
Auburn University

Imported Fire Ants



Fire Ant Webinars

See the schedule for upcoming webinars or watch one of our previous webinars. Brought to you by the Imported Fire Ant eXtension Community of Practice, ...>[Read More](#)

More about this Resource Area

[LEARN MORE](#)

Resources

Controlling Fire Ants

- How to Kill Fire Ants
- Fire Ant Decision Tool: Customized Management Plan
- Fire Ant Control (Management)
- The Two-Step Method and Other Approaches
- Regulatory Information
- Community-Wide Fire Ant Management
- Fire Ant Management

Our People



[Fire Ant eXtension Community](#)

Upcoming Webinars

April 3

2015 All Bugs Good and Bad Webinar Series: Common Termites of the Southern United States - Biology, Behavior, and Management

May 1

Latest Tweets

Tweets

[Follow](#)



16 Mar

Here are two more images of SIN-3: fb.me/1DY3jkDwt



9 Mar

Wildlife Damage Management

Paul Curtis

Cornell University

James Dobrowolski

USDA

Scott Hygnstrom

University of Nebraska

Robert Schmidt

Utah State University

Raj Smith

Cornell University

Stephen Vantassel

University of Nebraska

Greg Yarrow

Clemson University



Waterfowl

Canada geese by grass. Photo by Scott Groepper. The term waterfowl is properly applied only to ducks, geese, and swans. A bird identification guide should...>[Read More](#)

More about this Resource Area

[LEARN MORE](#)

Resources

Species Information:

- All Species Information
- Rodents
- Carnivores
- Other Mammals
- Birds
- Reptiles
- Amphibians

Training

- Best Practices for Nuisance Wildlife Control Operators

Our People



Stephen M. Vantassel

Stephen M. Vantassel is Program Coordinator for Wildlife Damage Management at the University of

Recent Webinars

Webinar: Wildlife Control Training for Master Gardeners

Predator Management for Small and Backyard Poultry Flocks

Management of Tree Squirrels

Wrangling Woodchucks and Other Ground Squirrels

Welcome

eXtension is an interactive learning environment delivering research-based information emerging from America's land-grant university system.

Select a different institution

State or Zip

[LOCATE](#)

Latest Tweets

Tweets

[Follow](#)

 eXtension4U
@eXtension4U

22h

Managing the mud
msue.anr.msu.edu/news/managing_g...

 eXtension4U
@eXtension4U

19 Mar

Controlling Fire Ants

- How to Kill Fire Ants
- Fire Ant Decision Tool: Customized Management Plan
- Fire Ant Control (Management)
- The Two-Step Method and Other Approaches
- Regulatory Information
- Community-Wide Fire Ant Management
- Regional Information About Fire Ants
- Fire Ant Museum of Control Methods and Products

Education and Outreach

- Fire Ant Webinars
- Information for Master Gardeners
- Blogs from our CoP Members
 - Bexar County Entomology
 - Dr. Fire Ant's Musings
 - Urban-IPM
- Youth Content
- K-12 Teacher Content
- Spanish: Materiales en Español sobre Hormigas Bravas Importadas

About Fire Ants

- What Are Imported Fire Ants?
- Where Are Fire Ants?
- Fire Ant Stings
- Fire Ant Biology
- Natural Enemies of Fire Ants
- Are Fire Ants Good or Bad?

Resources

- Instructional Videos
- Publications
- Top of the Mound Game
- Fire Ant Images from BugMugs.org
- Fire Ant Images from the Bugwood Network
- Fire Ant Art
- Links
- Glossary
- Spanish: Materiales en Español sobre Hormigas Bravas Importadas
- AMDRO Aerial Application Guide
- Herd Seeder Calibration Tables for Fire Ant Bait
- Common Ant Species at Food Lure Baits
- About the IFA Community of Practice
- Imported Fire Ants Partners
- Pesticide Disclaimer

Species Information:

- All Species Information
- Rodents
- Carnivores
- Other Mammals
- Birds
- Reptiles
- Amphibians

Training

- Best Practices for Nuisance Wildlife Control Operators
- Pesticide Tutorial

Additional Information:

- Glossary
- Diseases
- Videos

Please fill out our survey

- WDM Survey

Pest Management In and Around Structures

Herb Bolton
USDA
Jerri Hammonds
Auburn University
Jennifer Gillett-Kaufman
University of Florida
Fudd Graham
Auburn University
Janet Hurley
Texas A&M University
Faith Oi
University of Florida



Urban IPM Webinars & Events

Learn how to keep bugs and other pests from invading your home, your school or other structure with these nifty webinar recordings. These and other webinars...>[Read More](#)

More about this Resource Area

[LEARN MORE](#)

Resources

[School Pest Management](#)
[Residential Pest Management](#)
[Kids Corner](#)

Recognition

[Our Partners](#)

Education & Outreach

Our People



Elizabeth "Wizzie" Brown

Wizzie Brown is an Extension program specialist with the Texas

Upcoming Webinars

April 3

2015 All Bugs Good and Bad
Webinar Series: Common Termites of the Southern United States - Biology, Behavior, and Management

May 1

Latest Tweets

Tweets

[Follow](#)

urban pest [Urban IPM](#) @URBANIPMtweets 20h

According to Science Daily, new research shows that imidacloprid, an insecticide often blamed for the decline of... fb.me/76sSdA0cX

WHO IS OUR AUDIENCE?



School Personnel



Families & Individuals



PMPs



WHAT WE CURRENTLY OFFER



www.extension.org/urban_integrated_pest_management

WHAT WE CURRENTLY OFFER



- Bats
- Bed Bugs
- Carpenter Ants
- Fire Ants
- German Cockroaches
- Head Lice
- Honey Bees
- Mosquitoes
- Nuisance Birds
- Outdoor Cockroaches
- Carpenter Ants
- Small Flies
- Eastern Ticks
- Western Ticks
- Tramp Ants
- Yellowjackets

WHAT WE CURRENTLY OFFER

A hand is holding a black tablet device, which displays a blog post from the "Urban IPM" website. The post is titled "Webinar to Help You Control Mice and Rats in Your Structures". The content discusses a 60-minute webinar that helps learn how to control mice and rats in various settings. The post includes a link to the event: <http://learn.extension.org/events/1202>. The tablet is held by two hands, one on each side, against a white background.

WHAT WE CURRENTLY OFFER

A black tablet is held horizontally by two hands with light-colored nail polish. The screen of the tablet displays a list of webinars from the "2015 All Bugs Good and Bad Webinar Series".

2015 All Bugs Good and Bad Webinar Series: Common Termites of the Southern United States - Biology, Behavior, and Management

⌚ Upcoming - Friday, April 3, 2015 at 1:00 pm CDT - Presented by [Robert Puckett](#), [Mallory Kelley](#), [Ellen Huckabee](#)
Learn about how termites live and why they cause problems for people in this webinar presented by Dr. Robert Puckett from Texas A&M AgriLife Extension. Dr. Puckett will explain how to reduce your risk of having termite problems, and what to do if you find them attacking...

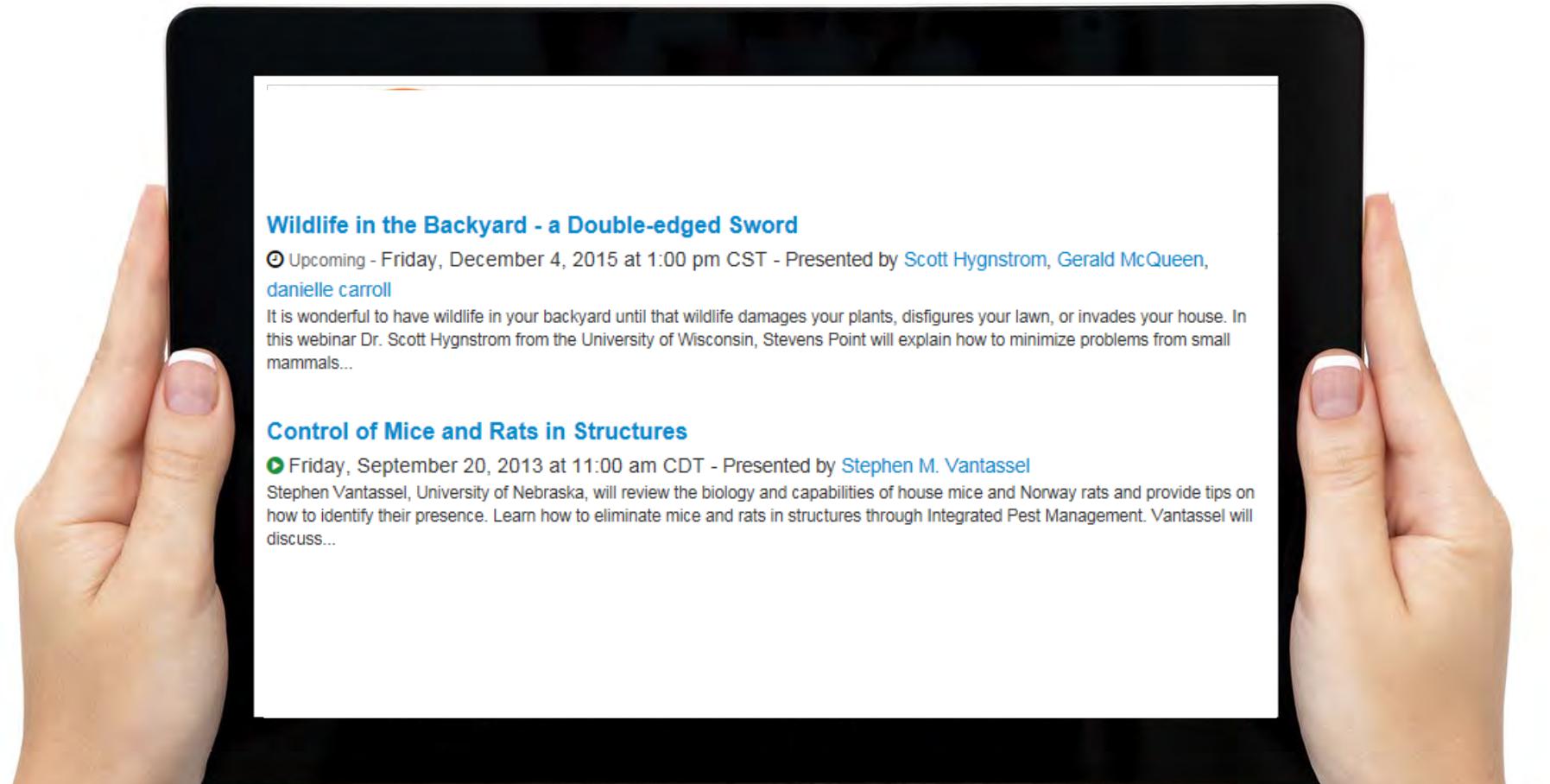
2015 All Bugs Good and Bad Webinar Series: Fire Ant Management Using Baits

⌚ Friday, March 6, 2015 at 1:00 pm CST - Presented by [Fudd Graham](#), [Vicky Bertagnolli](#), [Bethany O'Rear](#), [Charles Pinkston](#)
Learn how to make the biology of fire ants work for you not against you. This webinar presented by Dr. Lawrence "Fudd" Graham from Auburn University will discuss fire ant baits and other control methods. It will also provide the latest information on the *Pseudacteon*...

2015 All Bugs Good and Bad Webinar Series: Pesticide Strategy - the Good, the Bad, and the Ugly

⌚ Friday, February 6, 2015 at 1:00 pm CST - Presented by [Kaci Buhl](#), [Charles Pinkston](#), [danielle carroll](#)
Pesticides are useful tools if we use them properly. Improper use can harm the user and the environment and lead to secondary pest outbreaks. Learn how to use pesticides safely and effectively in this webinar presented by Kaci Buhl from Oregon State University. Moderated by...

WHAT WE CURRENTLY OFFER



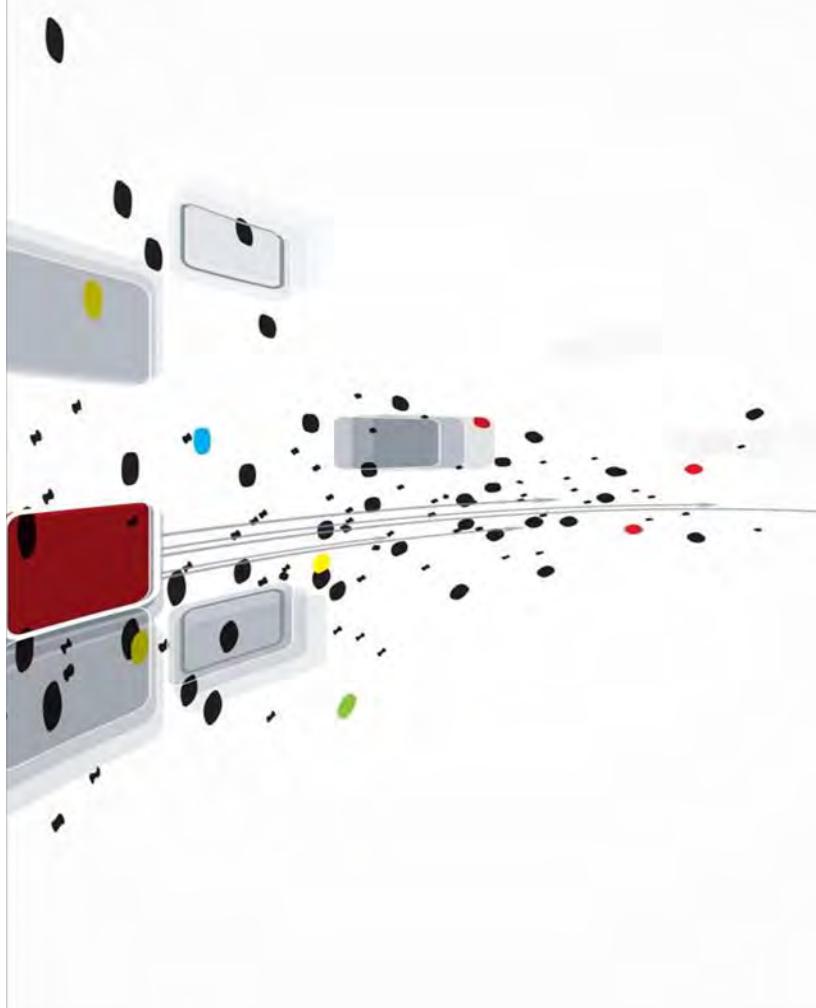


*The
NEW eXtension:
A New Model, A New
Opportunity*



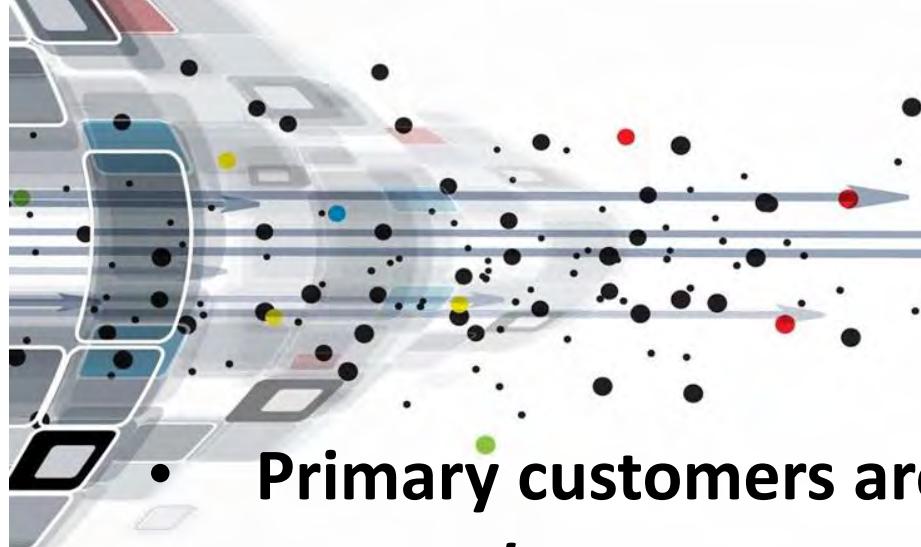
***The NEW eXtension* has made
commitments with goals and
strategies designed to help
Cooperative Extension realize
its vision for the 21st century.**

The NEW eXtension



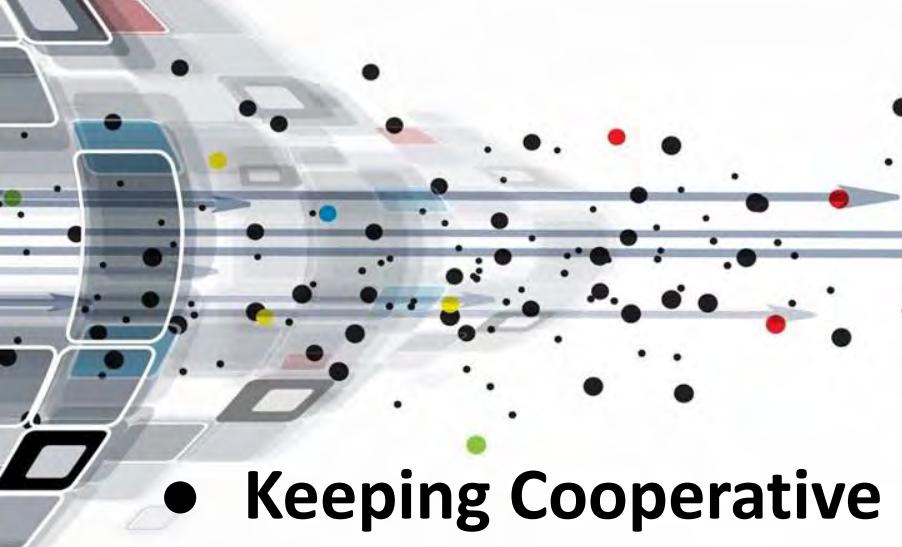
**ADVANCING EXCEPTIONAL
TECHNOLOGY ENHANCED
LEARNING
ENVIRONMENTS...**

*while building on
Cooperative Extension
Service's content, educator,
and leadership resources*



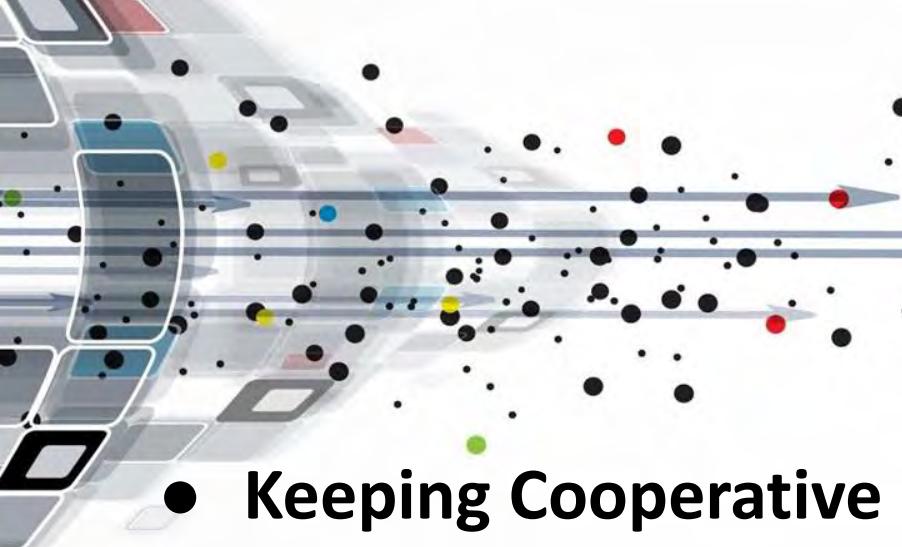
The NEW eXtension

- Primary customers are *Cooperative Extension members*,
- A *member-based* nonprofit
- Multiplies *diverse learner engagement* across the Cooperative Extension system



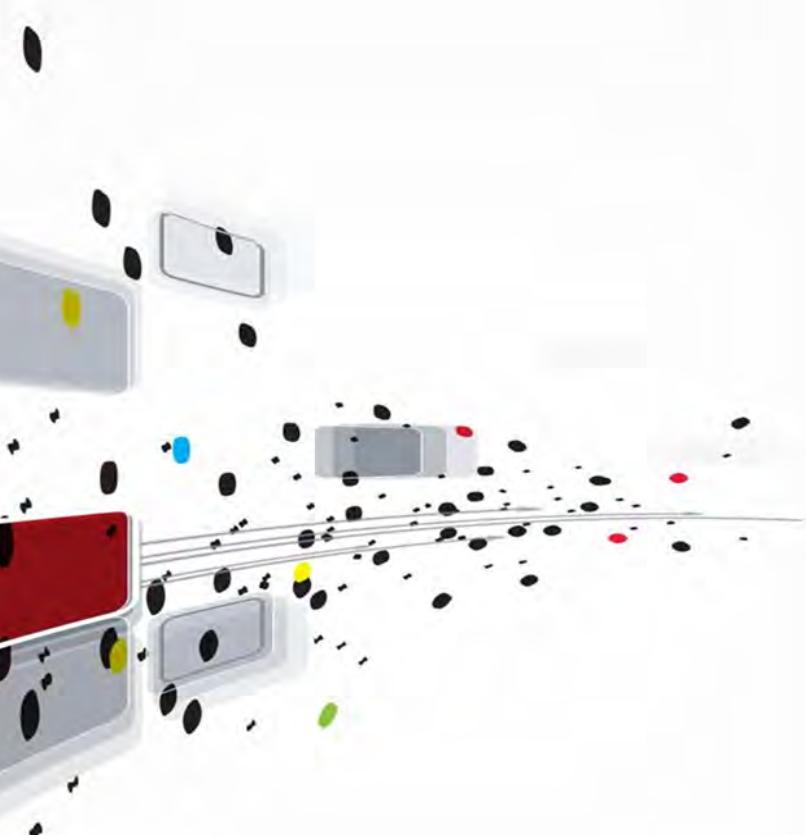
The NEW eXtension

- Keeping Cooperative Extension members current with ever changing technology environments
- Preferred place for:
 - Exploration and adopting new technologies
 - Integrating technology with member content
 - Technology-based professional development
 - Network learning



The NEW eXtension

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Mission

Help Cooperative Extension:
AMPLIFY learner access to reliable, evidence-based information and knowledge;
EXPAND collaborations and use of technology innovations;
MULTIPLY learner engagement and sustainable networked learning.

COMMITTED TO:



INNOVATION as a means to keep ahead of learning markets
COLLABORATION that builds new levels of synergy
FLEXIBILITY to move at the pace of change
TRANSPARENT and engaging **SYSTEM-WIDE** solutions
RETURN ON INVESTMENT

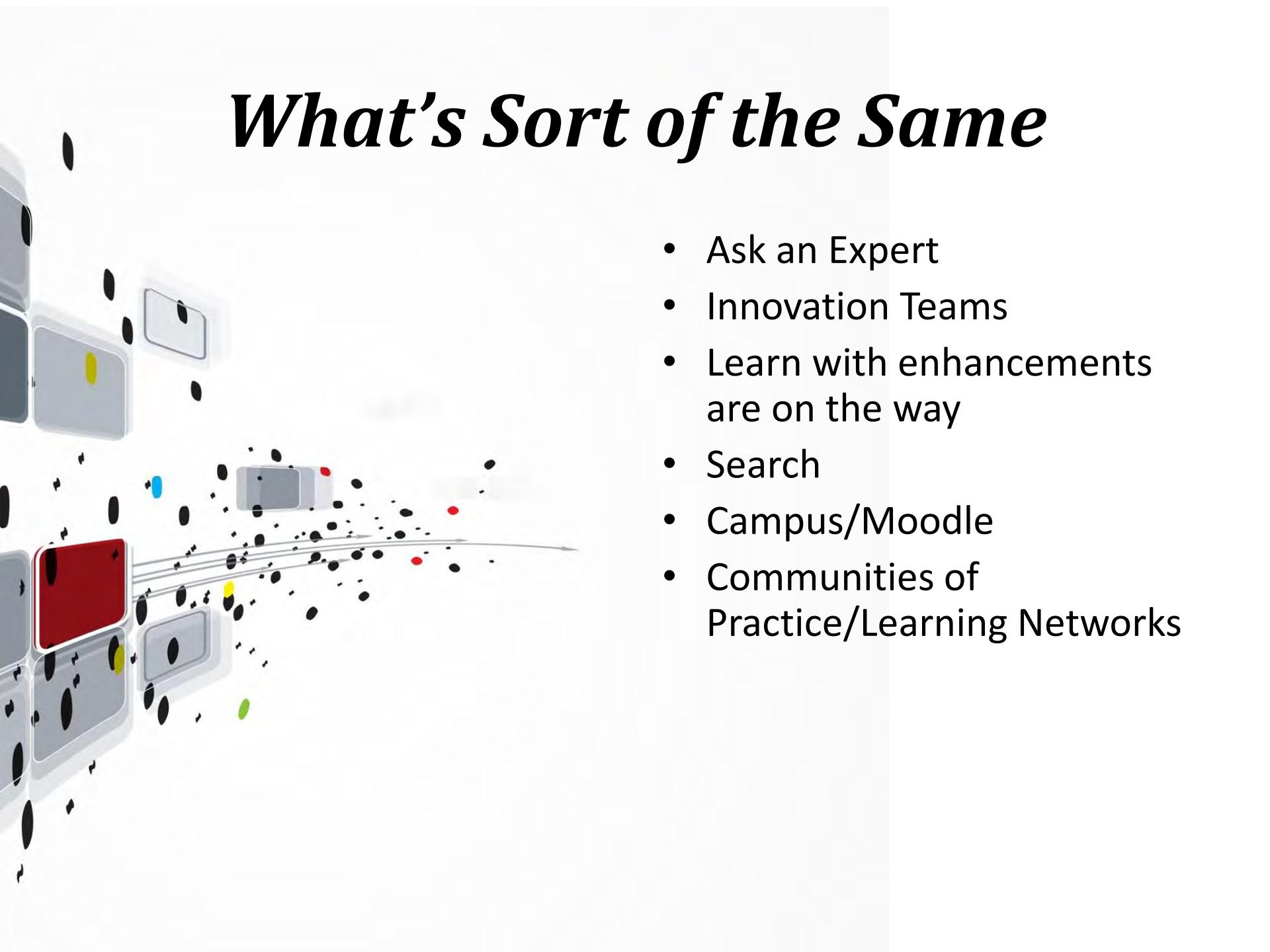
VALUE PROPOSITION

Innovative opportunity for Extension educators and strategic partners to marry content and concepts with technology that appeals to and attracts new audiences to Cooperative Extension



New eXtension Actions

- New User Communities
 - Big Data
 - Unmanned Aerial Systems
 - Wearable Technology
 - Virtual Reality
 - 2014 Farm Bill
 - Google Suite
- New Learning Networks
 - Educational Technology
 - Women in Agriculture
 - Ag & Climate Variability
- RFP for Innovation Projects
- RFP for web conferencing
- Status change for some CoPs



What's Sort of the Same

- Ask an Expert
- Innovation Teams
- Learn with enhancements are on the way
- Search
- Campus/Moodle
- Communities of Practice/Learning Networks

GATEWAY TO *The NEW eXtension* MEMBER BENEFITS

Premium Membership
75% of previous payment

Basic Membership
60% of previous payment

- Consulting
- Moodle/Course Development
- Prototyping
- Innovation Tanks
- Learning Networks
- Fellowships
- First Right of Refusal
- Partnerships and Funding
- Innovation Hubs

Professional Development – Learn

Board Position

Sponsored Conferences

Evaluation and Reports

Targeted Communities of Practice

Ask an Expert

Learn

Search

STANDARD BENEFIT

BASIC MEMBER

PREMIUM MEMBER

+ additional benefits, • standard benefits

Non-Members (Standard Benefits)

- **Participate in eXtension Professional Development at full price**
- **Ask and answer questions on Ask an Expert**
- **View and post webinars on Learn**
- **Use Search**
- **Apply for NIFA funding opportunities (AFRI, OREI, etc.)**
- **Participate in a Learning Network/Community of Practice (cannot be a leader or PI)**

- Ask and answer questions on Ask an Expert
- View and post webinars on Learn
- Use Search
- Apply for NIFA funding opportunities (AFRI, OREI, etc.)
- Participate in a Learning Network/ Community of Practice

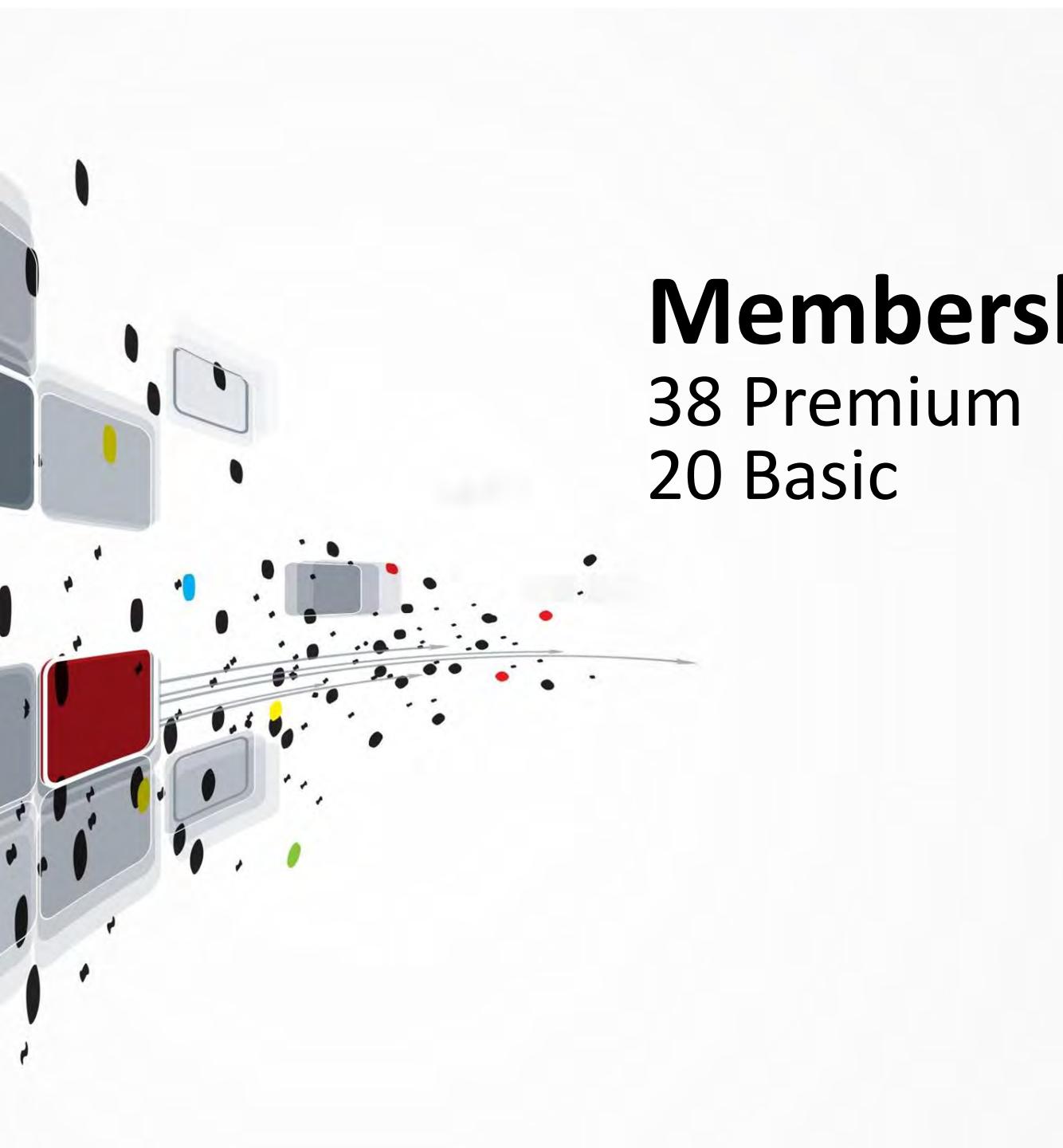
BASIC Members

- Participate in eXtension Professional Development at a reduced rate
- Access Evaluation tools, such as Qualtrics and Google Analytics, and access to Learn and Ask an Expert reports
- Directors/administrators can serve on the New eXtension Board of Directors
- Participate in a Learning Network/ Community of Practice (can be a leader; cannot serve as PI)

- Ask and answer questions on Ask an Expert
- View and post webinars on Learn
- Use Search
- Apply for NIFA funding opportunities (AFRI, OREI, etc.)
- Participate in a Learning Network/ Community of Practice

Premium Members

- Participate in eXtension Professional Development at a reduced rate
- Participate in, serve as a leader, and serve as a PI in a Learning Network/Community of Practice
- Access Evaluation tools, such as Qualtrics and Google Analytics, and access to Learn and Ask an Expert reports
- Apply for NIFA funding opportunities (AFRI, OREI, etc.)
- Directors/administrators can serve on the New eXtension Board of Directors
- Participate in the Fellowship Program
- Participate in the Innovation Hubs, Innovation Tanks and Prototyping new or evolving technologies and strategies for delivering Extension programming
- Develop and deliver courses in Moodle/Campus

A white background featuring a series of semi-transparent, rounded rectangles in various shades of gray, white, and red. These rectangles are scattered across the left side of the image, with some containing small yellow or black dots. A thin, curved gray arrow points from the bottom left towards the center of the text.

Membership

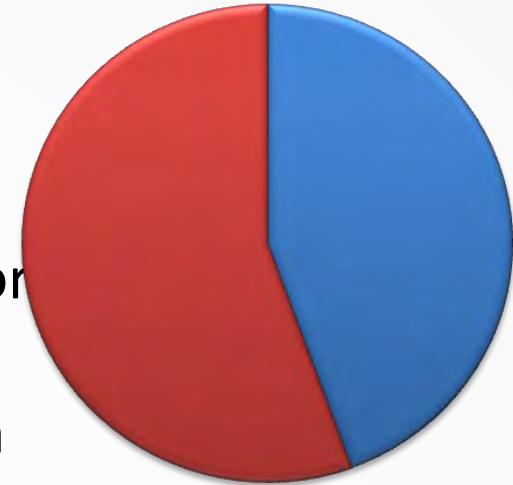
38 Premium
20 Basic

The NEW eXtension Governing Board

51% Cooperative Extension Directors /Administrators

- 1890s: Vernon Jones, Langston
- North Central: Jason Henderson, Purdue
- Northeast: Dennis Calvin, Penn State
- Southern: Doug Steele, Texas AgriLife Extension
- Western: Fred Schlutt, Alaska-Fairbanks

49% Strategic members





Next...*a new CEO*

Elbert Dickey departs
April 30

