

Title	Primary	Primary Org.	Date, Time	Rm	Description	Email
A GPS Based Cattle Grazing Behavior Monitoring and Analysis System	Ashu Guru	University of Nebraska - Lincoln	Tuesday, 1:30 - 2:15	STEW 218 A	A project was initiated with the objective to develop a web-based, user friendly, online system that enables extension specialists, instructors, and students to run analyses on collected data and test hypotheses using the data available in the system. By doing so, the team expects to strengthen the experimentation and learning abilities of agricultural community and academics. Implementation with a cattle-grazing project is featured in this presentation.	aguru2@unl.edu
A Soil Test Analysis and Fertilizer Recommendation System -- Java Web Service's Application	Julia Zhu	Auburn University, College of Agriculture	Wednesday, 10:00-10:45	STEW 218 A	Java-based web service technology was implemented to develop a computer-based system for soil testing analysis, reporting, and data management to allow delivery of analytical results via the web. The system has four major management modules: user management, soil sample data management, report management, and billing management.	zhujun1@auburn.edu
A Virtual Bovine Anatomy and Physiology Lab	Ashu Guru	University of Nebraska - Lincoln	Monday, 10:00-10:45	STEW 218 B	In an academic setting, it is difficult to instruct a student in the anatomy of a beef animal, because a beef carcass must be fabricated into wholesale and retail cuts or dissection of individual muscles. This could only happen in a laboratory and a substantial cost would be incurred for each lab session. We developed a website to address this issue and serve as a resource for both academia and industry.	aguru2@unl.edu
Access E Info: Internet Education for Communities	Rae Montgomery	University of Minnesota	Wednesday, 10:00-10:45	STEW 214 C	Access E Info is a suite of programs that help community and business leaders, residents, small businesses, local governments, and nonprofit agencies make informed decisions about using the Internet. Each of the programs is an online, self-directed guide that is easy to read, up-to-date, and contains many pertinent resources and links. This presentation will showcase the Access E Info programs, including content excerpts and applications in communities.	rae@umn.edu
Accountability Management Software	Eric Adams	Agriculture Information Technology - Purdue University	Tuesday, 10:00-10:45	STEW 214 A	This session features an overview of the Accountability Management Software currently in use at Purdue University. This walkthrough will provide a working knowledge of the application providing a one solution approach to reporting needs, ranging from federal to university to school to local constituents.	ewa@purdue.edu

Arizona Flora and Fauna Image Gallery	Robert Armstrong	University of Arizona Cooperative Extension	Monday, 11:00-11:45am	STEW 218 A	The Arizona Flora and Fauna Image Gallery is an online image collection of plants, animals, and plant diseases. Its primary purpose is to assist University of Arizona faculty with the identification of plants, animals, and plant diseases, or for other educational purposes. Lessons learned from the development of this site will be presented throughout the session.	armstrng@cals.arizona.edu
Building Interactive Graphic Simulations to Help Students Understand Nitrogen Transformations in the Soil	Xingchun Chen	University of Nebraska	Monday, 11:00-11:45am	STEW 218 B	Better understanding on how biological activities and environmental factors regulate soil nitrogen (N) transformations is essential to guide farming practices for better plant production and environmental quality. We demonstrate how Java, Perl, and XML are used to re-engine an empirical NCSOIL FORTRAN model and transform it into an interactive internet based system.	xingchun_chen@yahoo.com
Challenges and Opportunities in creating a Distance Learning Course	Mickey A. Latour	Purdue University	Sunday, 1:30-2:31	STEW 218 A	This presentation gives an overview of challenges and opportunities in creating distance learning materials. Within this talk, there will be real examples of using teleconferencing to undergraduates, graduate students and then a totally internet based course for mature students.	mлатour@purdue.edu
Collaborative Project Management and Planning	Eric Adams	Agriculture Information Technology - Purdue University	Monday, 10:00-10:45	STEW 214 A	The Enterprise Application Team of AgIT implemented a new collaborative approach to project management and planning on their latest application development. The presentation consists of a short description of the process, its advantages and disadvantage, and there will be time for questions, answers, and discussion.	ewa@purdue.edu
Content Mgt System for County Extension - What is Next?	Alfred Stark	University of Nebraska-Lincoln	Tuesday, 1:30 - 2:15	STEW 214 B	A year ago in Nebraska, we deployed a Content Management System (CMS) web application for our county extension offices. We hoped it would empower more staff to provide their own content on their web site themselves, while maintaining the quality of what was provided. In this presentation, we discuss what we learned from this past year and what is next.	astark@unl.edu
Creating Content Management Sites with MS Share Point	Leanne McGiveron	Purdue AgIT	Monday, 11:00-11:45am	STEW 214 A	Content management has become the current focus for many development entities at the university level. We have provided a custom, web-based environment that will be easy and efficient for the client. Join us as we demo how to use MS Share Point to create content management sites.	lmcgiver@purdue.edu

Do Customers Know Where You Are?... Putting Extension On the Map	J. Reynaldo Santos	Texas Cooperative Extension	Wednesday, 11:00-11:45	STEW 214 C	This presentation describes the development of a pilot Texas Cooperative Extension MapBuilder and its features include a monochromatic and thematic color set option, mapping type options, customizable titles, legends and footnotes, a transparency option, and more. The objective of this project is to provide county agents, faculty, and staff with a simple tool to generate maps that can be used for websites, presentations, and reports without using a complicated GIS system.	j-santos@tamu.edu
EDIS: Extension Publication Management from Cradle to Grave	Diana Hagan	UF/IFAS Information Technology	Tuesday, 11:00-11:45	STEW 218 A	EDIS (Electronic Data Information Source) is a publication management system UF/IFAS that has used since 1994 for the creation, storage, and online display of extension publications. Participants will learn how the EDIS system handles publications through the full spectrum of their life cycles.	DJHagan@ifas.ufl.edu
E-Extension on the Agriculture Network Information Center (AgNIC)	Mark E. Einstein	Illinois-Indiana Sea Grant	Sunday, 1:30-2:30	STEW 218 B	The Agriculture Network Information Center (AgNIC) focuses on providing agricultural information in electronic format via the internet. One goal of AgNIC is to catalog all of the Cooperative Extension full text resources into the AgNIC database, which will allow users to search from a centralized site and locate vetted materials. The results of this project will be improved marketability and access to Extension publications. Implementation of National eExtension portal will decrease duplication of effort across state boundaries and increase the likelihood that publications will remain accessible through the ongoing stewardship of AgNIC.	meinstei@purdue.edu
Extending Information Services through Syndication	Floyd Davenport	Iowa State University Extension	Wednesday, 10:00-10:45	STEW 214 A	Making your content available using RSS increases awareness, accessibility, content sharing, and traffic to your website. Learn about new online services that aggregate information across the Internet and deliver the information you want directly to your desktop. Iowa State University Extension and North Carolina State University Extension will discuss a project to collect, share, and redistribute 'Food Safety' information using this simple process.	floyd@iastate.edu
"From The Chair" NEWS: More than an Online Department Newsletter	Victor van Buchem	Ohio State Horticulture & Crop Science	Tuesday, 10:00-10:45	STEW 218 A	This session demonstrates the evolution of the "From the Chair" news website. It includes descriptions of technologies used for managing stories, photos, mailing lists, and sites.	van-buchem.1@osu.edu

Get in the Fast Lane to Editing and Publishing Your Extension Web Sites!	Mary J. Lucas	UWEX Cooperative Extension Tech Services	Tuesday, 10:00-10:45	STEW 214 B	The University of Wisconsin Extension – Cooperative Extension is now designing web sites to be maintained by non-technical staff using Macromedia Contribute software. This empowers users to easily update and publish content to their websites in minutes without knowing HTML or how to FTP. The design process, software, user feedback and ongoing maintenance will be presented.	mary.lucas@ces.uwex.edu
Goodbye HTML--Hello XHTML and CSS2	Ronald L. Roeber	University of Nebraska	Sunday, 2:45-3:45	STEW 214 B	Software developers and multimedia designers in the Institute of Agriculture and Natural Resources (IANR) at the University of Nebraska are replacing HTML with XHTML and CSS2, allowing for greater separation of web content from layout and design. This session includes a demonstration of this technique.	rroeber1@unl.edu
Illinois Extension's WAN hardening using Firewalls	Bill Woessner	University of Illinois	Monday, 10:00-10:45	STEW 214 D	This presentation will discuss the difficulties that Illinois Extension experienced with hackers and the use of Netscreen Firewalls in transparent mode to make our Wide Area Network less vulnerable.	woessner@uiuc.edu
Implementing a Web Based Extension Calendar	Pete Vergot III	University of Florida IFAS Extension	Tuesday, 11:00 - 11:45	STEW 214 A	This presentation on a web based calendar will cover the topics of selecting and implementing an Extension web-based calendar program, encouraging its usage by Extension professionals, and marketing to the public.	vergot@ifas.ufl.edu
Implementing Web Conferencing in the Southern Region	Lawrence A Lippke	Texas Cooperative Extension	Tuesday, 10:00-10:45	STEW 214 D	In August 2003, the Southern Region IT Committee initiated a project to evaluate and implement a web conferencing system for use by Extension agents and specialists throughout the region. This presentation will describe the web conferencing systems evaluated, what criteria were used to evaluate them, what their relative merits are, and what the current plans are for implementation.	lalippke@tamu.edu
Integrating Extension Communication and Technology to Mitigate Natural Hazards and Security Threats	Patricia Skinner	Louisiana State University - AgCenter	Tuesday, 11:00-11:45	STEW 218 B	The Extension Disaster Education Network (EDEN) is taking a holistic approach to natural disaster and homeland security education. Participants will learn about the resources available through the EDEN website and communications network. They will also learn about the challenges of developing the site and planning proper educational responses for Extension in anticipation of the most likely threats.	PSkinner@agcenter.lsu.edu
Internet2 Applications to Enhance the Management of Natural and Agro-ecosystems	Dan Cotton	University of Nebraska - Lincoln	Monday, 10:00-10:45	STEW 218 A	This presentation will demonstrate how wireless networking and Internet2 applications strengthen the ability of the agricultural community to conduct real-time research, education, and extension.	dcotton@unl.edu

Internet-to-Go: Transportable Satellite Internet System for Extension Programming	Rich Emnett	Ohio State Univeristy Extension	Tuesday, 1:30 - 2:15	STEW 214 D	The Transportable Satellite Internet System, or TSIS trailer, is a small self-contained unit that can be towed by automobile and used virtually anywhere with exposure to the southern sky. This is a demonstration of the TSIS trailer, a unit currently used to provide temporary broadband Internet access, IP Video, Wireless LAN, Voice over IP and wireless phone service to remote locations during Extension and University events.	emnett@ag.osu.edu
Is freeware worth the price?	Thomas Hintz	University of Florida	Monday, 11:00-11:45am	STEW 214 C	This presentation is a review of various freeware that deserve serious consideration as useful replacements, add-ons, or supplements to higher cost products. We will present applications that have been used and do not require any monetary payment. They allow continuous use at home, in education, or for business.	hintz@ifas.ufl.edu
Learning Environmental Science through computer games	Stephen Lovejoy	Dept. of Agricultural Economics/ Purdue U.	Tuesday, 11:00-11:45	STEW 214 D	An exhibit detailing information about water and waste was developed along with a computer game entitled "What's Your E-IQ". Utilizing touch screens, several thousand individuals played the game at the 2003 Indiana State Fair, and we have utilized it at several smaller venues since then. This presentation provides information on how such a game facilitates greater learning.	lovejoy@purdue.edu
Make Your Web Content Accessible to Everyone	Pamela Peters	University of Nebraska - Lincoln	Tuesday, 10:00-10:45	STEW 214 C	This session is a discussion of the guidelines that should be followed for accommodating web viewers who have disabilities, small screens, slow connections, and those for whom English is not the first language. We will review good and bad examples and learn of the best resources to use for help in evaluating a website.	pkpeters@unlnotes.unl.edu
Needs Assessment: Technology assists in discovering clients priorities	Stephen Lovejoy	Dept. of Agricultural Economics/ Purdue U.	Wednesday, 11:00-11:45	STEW 214 A	In 2003, we developed an easy, flexible, inexpensive method of acquiring public input into Extension decisions concerning areas of emphasis and allocation of resources. At the Indiana State Fair, we utilized a touch screen computer in a stand-alone space to ask fair goers to prioritize various water quality problems in Indiana. We compared these results to those of the same survey given to extension specialists and educators.	lovejoy@purdue.edu

Online Pesticide Applicator Recertification	Cheri Janssen	Purdue Pesticide Programs	Wednesday, 11:00-11:45	STEW 218 B	Indiana private pesticide applicators are required to attend three programs to maintain their certifications. One of those recertification programs can be taken online. Hear our experiences in developing and maintaining this program in WebCT.	cjanssen@purdue.edu
PlantFacts revised. An example of integrating Factsheets, Movies, FAQ's, and media resources	Bud Witney	Department of Horticulture and Crop Science, The Ohio State University	Sunday, 2:45-3:45	STEW 218 A	Factsheet Database has been a special feature of the OSU WebGarden website, because it enables academic and industry users to search the entire collection of plant-related Extension fact sheets and bulletins from across the United States and Canada. Unfortunately, there was no common way to access information from all the collections at the same time, so we merged these resources into one consolidated tool. We will discuss the history, tools, and techniques used to produce this powerful information resource.	witney.1@osu.edu
Providing High Levels of Enterprise Computer Support	Rusty Presley	Alabama Cooperative Extension System	Sunday, 2:45-3:45	STEW 214D	MVPCinfo allows IT professionals to query machines locally or across a network for hardware and software inventory purposes. MVPCBASE is a database tool that receives imported data from MVPCINFO automatically, organizes it into location specific structures, and displays it within statistical charts. Using MVPCINFO in conjunction with MVPCBASE allows administrators to organize and graphically display current configurations and future needs for each machine in the domain.	wpresley@aces.edu
Regional On-line Training using Centra Symposium	Greg Thomas	Texas Cooperative Extension	Wednesday, 11:00-11:45	STEW 214 B	Centra Symposium provides a medium for on-line training that allows students using web-browsing software to participate in real-time interactive educational events. Training modules can be developed and captured for web streaming. This eliminates travel time and expenses, allowing county based faculty and support staff greater flexibility in participating in training events.	rg-thomas@tamu.edu
Site Builder System Matures - Functional and Useful tools for CE on the web	Karl Krist	ANR Communication Services	Monday, 10:00-10:45	STEW 214 C	This is a presentation of a mature system used to allow county offices to create their own websites. The tools also create surveys, databases, and other 'add-ons.' The program includes full integration with directories and search engines.	kakrist@ucdavis.edu

Supporting Multiple Operating Systems with Microsoft's Virtual PC 2004	Rich Emmett	Ohio State Univeristy Extension	Wednesday, 11:00-11:45	STEW 214 D	OSUE Computer Support is using MS Virtual PC 2004 to help telephone support personnel assist users running various Microsoft operating systems in over 90 county and district offices without breaking the bank.	emnett@ag.osu.edu
Surviving a Software Audit and Providing First Level Computer Support During a Budget Crunch with Layton Technologies AuditWizard and HelpDesk	Rich Emmett	Ohio State Univeristy Extension	Wednesday, 10:00-10:45	STEW 214 D	This presentation will discuss OSUE's use of Layton Technologies AuditWizard and companion application HelpDesk. These comparatively low cost solutions helped OSUE Support personnel survive a surprise software audit, continuing budget cuts, and IT personnel defections.	emnett@ag.osu.edu
The Art of Videoconferencing Over a Hybrid Network	Dan Cotton	University of Nebraska - Lincoln	Tuesday, 1:30 - 2:15	STEW 214 C	This presentation will share how ADEC successfully produces videoconferences. It focuses on lessons learned and pointers on how to communicate effectively using a variety of networks and technologies.	dcotton1@unl.edu
The Development of Melcast: a Melon Disease Forecasting System	Dan Egel	Purdue University - Southwest Purdue Agricultural Center	Tuesday, 1:30 - 2:15	STEW 218 B	Foliar disease of muskmelon and watermelon threaten fruit yield and quality, so a weather-based disease forecasting system was developed. In 2003, this process of manual data importing and processing to Excel was automated by using an application server, a database, and a web server. Now, disease forecasting is more efficient and access is provided weekly in an online newsletter.	egel@purdue.edu
The Eyes Have It	Clint Rusk	Purdue University	Tuesday, 10:00-10:45	STEW 218 B	The OptiReader device, designed by Optibrand Ltd., LLC, is being used to capture retinal images. The associated software tracks the 4-H beef and sheep projects enrolled in the seven selected counties. The purpose of this study is to compare retinal imaging with current identification methods used in 4-H beef and sheep projects.	rusk@purdue.edu
The MSU Extension Knowledge Repository: Using the NAL Thesaurus for Search and Organization	Randall C. Heatley	Michigan State University	Sunday, 2:45-3:45	STEW 218 B	Michigan State University Extension has begun using a new portal and information management system. The information within the portal is organized within the conceptual framework of the NAL Thesaurus. The thesaurus is used in creating meta data and for searching the repository.	heatley@msue.msu.edu
The New Look and Feel of CSREES Communications!	Anne Henderson	USDA/CSREES	Monday, 10:00-10:45	STEW 214 B	CSREES Communications Staff display the new CSREES website. They explain the concept and technology used in the development process, and show how the site will help their partners do business with them and access information about their programs.	ahenderson@csrees.usda.gov

The Toolbox CD: Agricultural Tools, Equipment, Machinery, and Buildings for Farmers and Ranchers with Physical Disabilities	Paul Jones	Breaking New Ground Resource Center, Purdue University	Wednesday, 10:00-10:45	STEW 218 B	Purdue University's Breaking New Ground (BNG) Resource Center has been assisting farmers and ranchers with disabilities since 1979. The Center's services include the documentation of assistive technology products to aid this population in a manual called The Toolbox. The latest version is The Toolbox CD, which contains video clips, hyperlinks, and a system of interlinked fact sheets, bookmarks, and indexes.	jonesp@purdue.edu
Using CommunityZero for Team Communications	Mary Bartron	West Virginia University	Monday, 11:00-11:45am	STEW 214 B	CommunityZero is a private, interactive, user-friendly, and affordable online community that allows teams to securely share information and communicate with each other in real-time. We will discuss our rationale for choosing CommunityZero as a resource for efficient communication and our strategy for introducing, training, and implementing CommunityZero.	mkbarton@mail.wvu.edu
Using Desktop Video Publishing, specifically MS Producer 2003 and PowerPoint 2003, to deliver education materials to clientele and faculty and utilizing different media for delivery	Pete Flores	Texas Cooperative Extension	Tuesday, 1:30 - 2:15	STEW 214 A	This session is on using desktop video publishing to deliver education materials to clientele and faculty. We will demonstrate how to use Microsoft PowerPoint 2003 and Microsoft Producer 2003 to create media-rich presentations for educational programs that can be delivered via the web, CD, or DVD. We will also showcase educational material for clientele and TCE faculty that the Texas Cooperative Extension has produced and delivered.	p-flores@tamu.edu
Using Extreme Programming Techniques for Large Software Projects- Nebraska's eARFA Faculty Reporting System	Ronald L. Roeber	University of Nebraska	Tuesday, 11:00-11:45	STEW 214 C	Extreme Programming (XP) is a method of software development that emphasizes high levels of communication between software developers, designers, and clients. This session is an early assessment of this effort and offers lessons learned so far.	rroeber1@unl.edu
Using H.264 to maximize marginal connectivity for videoconferencing.	Rusty Presley	Alabama Cooperative Extension System	Sunday, 1:30-2:30	STEW 214A	This presentation will briefly explain H.264 and show examples of how it may allow videoconferencing to remote locations with marginal connectivity.	wpresley@aces.edu
Web Site Development: Comparing Browser-Based and Standards-Based Development	Bill Shepler	Purdue AgIT	Wednesday, 10:00-10:45	STEW 214 B	This session examines and evaluates the differences between standard-based and browser-based development and makes a recommendation for developing engaging websites.	shepler@purdue.edu