

## Appendix B: Public Service

Demonstrations, Conferences, Meetings,  
General Presentations, Workshops, and  
Assistance to the Public.



### **COTHREN, JACKSON**

Established the Center for Advanced Spatial Technologies as an Intergraph Registered Research Laboratory (with Malcolm Williamson)

Editorial Board, Earth Imaging Journal

Key participate in Leica Geosystems Center of Excellence Agreement with the Center for Advanced Spatial Technologies (May 2005)

Organized and hosted the Central Region American Society of Photogrammetry Technical Session attended by 36 students and faculty from OU, OSU, and SMSU (Jan 2005)

Attended (by invitation) National Institute of Standards and Technology (NIST) LADAR Performance Evaluation Workshop II, Gaithersburg, MD, March 15-16, 2005.

(National) American Society of Photogrammetry and Remote Sensing, National Board member representing ASPRS Central Region (Arkansas, Missouri, Kansas, Oklahoma)

Northwest Arkansas Science Fair Judge, 2005.

Mentored two Geosciences Research and Education for Undergraduates students, Summer, 2005.

- Julia Danz worked with CAST personnel to map land cover in Central America as part of the NASA funded Carbon Sequestration project.
- Adam Consentino worked with CAST personnel to map land cover changes using a variety of remote sensing data in the Beaver Watershed in a project funded by the Beaver Watershed District.

Mentored one Space and Planetary Science Center Research and Education for Undergraduates, Summer, 2005. Lucija Rakocevic, Digitizing, Cataloging, and Accessing Historic Optical and Radar Imagery.

### **CULPEPPER, BRIAN**

#### **June 2004**

I provided technical support, software, to Kay Curry, recent graduate, regarding GIS use in Landscape Architecture.

Set-up an onsite demo for E-Spatial Inc. here at CAST for local government entities to review their product. Shirley Sandlin, Amanda Escobar, Lee Ann Kizzar, Shelby Johnson, Learn Dalby, Vince Guillett were in attendance.

I traveled to Ferndale, Arkansas to present an overview of GIS to 35 high school teachers from Arkansas. Supporting the Nature Mapping program hosted by the U of A Cooperative Extension Service.

#### **July 2004**

I set up and attended a GeoStor team presentation to 15 staff members of the Arkansas Highway and Transportation Department. This outreach effort was in support of the AGIO effort of connecting the AHTD to GeoStor directly

I attended the Public Participation GIS conference in Madison, Wisconsin and presented one paper on behalf of RGIS Mid-South.

I worked with Russell Gibson of the City of Fort Smith to correct a Geocoding issue he was having with his city GIS system

I met with Dan Cooper, an Engineer from Mountain View, Arkansas who was interested in GIS consulting with local governments. He was looking to expand his service offerings at his consulting firm.

#### **August 2004**

I attended the ESRI Conference 2004 in San Diego. Presented one paper.

Assisted Harold Stuart of the Bureau of Legislative Research with city limit boundaries contained by Arkansas house and senate districts. He had a GIS question that I solved

for him and generated a report to help him answer his questions.

I hosted two meetings with Ken Brazil of the Arkansas Soil and Water Conservation Commission.

I assisted three different students with their GIS research here in Ozark Hall. Sorry but I didn't get their names.

#### **September 2004**

I co-hosted (with Jack) two legislative leaders (Jim Argue and Shane Broadway) and gave them a 20minute overview of what we do here at CAST. We also attended a dinner reception with them at Ella's Restaurant.

I attended one meeting of the Northwest Arkansas Imagery Task Force meeting at the NWA Regional Planning Commission offices in Springdale.

Peter Smith and I prepared a metadata web map viewer in support of the \$40k FGDC metadata project.

#### **October 2004**

I attended a LIB meeting in Little Rock as proxy for Fred.

Hosted three teleconference calls with the Arkansas Game and Fish Commission GIS team regarding the Satellite Duck Project.

I attended the RGIS Fall conference in State College, PA and presented one paper.

I co-taught an on-site ArcGIS Short-Course in Little Rock to the UAMS statisticians with John Wilson

I set-up and co-hosted a meeting with several staff of the center for two Arkansas Soil and Water Conservation Commission program managers, Ken Brazil and Tony Ramick.

I traveled to Conway for the Arkansas One-Call Conference. Cristina Scarlat and I hosted a booth and I presented two 45-minute workshops to 65 participants that covered the Introduction to Global Positioning System (GPS).

#### **November 2004**

Held four teleconference calls with the Arkansas Game and Fish Commission GIS team regarding the Satellite Duck Project.

Presented two powerpoint presentation and spoke with 12 different visitors to the GIS day festivities held at the UA Mullins Library.

I traveled to Rolla, MO for the National Map Technical Meeting held at the USGS Mid-Continent Mapping Center for 3 days. I provided an overview to the 30+ participants of our National Mapping Efforts and Imagery data partnering project within Northwest Arkansas.

The Satellite Duck Project website went live, as planned, on November 19, 2004 at 7:30pm.

#### **December 2004**

I completed the Horizontal Accuracy Assessment of the 2004 OrthoImagery Project for Washington County. I collected the field data points and generated the summary statistics for the computation of the NSSDA horizontal accuracy assessment. This was necessary for determining whether the photogrammetric contractor completed their contractual agreement with Northwest Arkansas Regional Planning Commission in a satisfactory manner.

I met with representatives from Arkansas Western Gas regarding their needs for tracking growth and development within NWA more accurately and timely.

#### **January 2005**

I provided technical support to Andy Feinstein of EDS engineering in Lowell, AR. He needed help with GIS and CAD data structures.

I attended a LIB Meeting for Fred in Little Rock, Arkansas. I presented an Update of GeoStor usage.

I assisted a staff transportation planner for the Bentonville Public School district with the acquisition of data from GeoStor.

I co-taught an ArcGIS Short-Course with John Wilson in Ozark Hall.

I assisted Zane Lewis and Tom Webb of McGoodwin, Williams, and Yates engineering firm with an ArcGIS technical issue they couldn't resolve.

Met with Robert Guadagnini of Fayetteville Public Schools regarding CommunityViz and his usage of this tool within the school district.

### **February 2005**

I meet with Jan Dixon, Sara Santos and Stephan Pollard of the University of Arkansas Library to determine which ESRI products would be most useful for their student support efforts in the Mullins Library.

I helped organize an Optec Scanner demonstration at the Carlson Terrace Buildings on the University of Arkansas campus. I invited several interested parties out to view Angie Smith, Snow Winters and Malcolm Williamson as they scanned a section of a creek. This project was of interest to the UA Facilities Management (Jay Huneycutt) and the Audubon Arkansas representatives for Northwest Arkansas. The data was provided to Dawn Farver of the UA Engineering department for use in here masters research project.

John Wilson and I taught an Introduction to ArcGIS class for county/local government employees in Benton County. The total number of students was fifteen.

### **March 2005**

John Wilson and I taught another Introduction to ArcGIS class for county/local government employees in Benton County. The total number of students was twelve.

I assisted six undergraduate students with their GIS projects within various classes offered within the GeoSciences department (rm 208/209) within Ozark Hall.

I spent approximately 2.5hrs assisting University of Arkansas Graduate students with their geospatial issues in the Ozark GIS classrooms. Several of these issues were related to their graduate coursework and involved their use of GeoStor.

### **April 2005**

I traveled to Little Rock for 4 days to assist the AGIO's office during their transition to managing GeoStor.

I traveled to Green Forest, Arkansas and presented an overview of how GIS and GPS can assist rural decision makers. The Carroll County Leadership organization invited me over to

discuss this topic during their spring meeting. Approximately 17 local community leaders were present, and they were all enrolled in the LeadAR program.

### **May 2005**

I attended the 2005 Regional Wetlands Technical Conference in Corpus Christi, TX and presented a paper on the Arkansas Wetland Resource Management Information System (AWRIMS) project we have with the Arkansas Soil and Water Conservation Commission.

I met with John Lewis of the Beaver Water District Board to discuss the upcoming CADIS effort for the summer 2005. Fred Limp and Malcolm Williamson were present too.

### **June 2005**

I attended the 2006 Imagery Task Force Kick-off planning meeting at the Northwest Arkansas Regional Planning Commission.

### **GORHAM, BRUCE**

2004-2005 Member of the Arkansas Precision Agriculture Working Group (ARPAWG) Yearlong.

2004-2005 Serve on the AmericaView "Research" and "Remote Sensing Education" committees. Yearlong.

2004 Brian Haggard (USDA-ARS): Provided assistance with obtaining digital land-use maps. July

2004 Greg Thoma (UA Chemical Engineering): GPS training and checkout. July.  
Indrajeet Chaubey (UA Biological & Agricultural Engineering): provided assistance with the purchase of 10 Landsat scenes. July.

2004 Daniel Hayes (Oregon State University): Provided assistance with obtaining MODIS satellite imagery.

2004 Bret Collier (UA, Arkansas Cooperative Fish and Wildlife Research Unit): Provided assistance with using digital land-use maps. July

2004 Susan Henderson Houston, TX, Marathon Oil) Assistance with accessing data on GeoStor. August.

2004 Greg Thoma (UA Chemical Engineering): GPS checkout. August.

2004 Leesia Marshall-Rosenberger (UA, Biology): GPS training and checkout. August.

2004 Dawn Browning (University of Arizona, School of Renewable Natural Resources): Provided assistance with GPS technical issues. August.

2004 John Fohn (Southwest Missouri State University - West Plains): assisted with questions on remote sensing education strategies. September.

2004 Ethan Inlander (The Nature Conservancy, Ozark Highlands Office): Provided assistance with using digital land-use maps. September.

2004 Tony Hill (US Army Corps of Engineers): Provided assistance with using digital land-use maps. September.

2004 Presented "Mapping Inter and Intra-year changes in Agricultural Land-use in the Mississippi Alluvial Valley via Multi-temporal Landsat TM data." at the AV annual conference. Sioux Falls, SD. September.

2004 Presented "Mapping Arkansas' Ever-Changing Landscape: 1992-2004." At the Geoscience Department's Homecoming 2004 Open House. October.

2004 Margaret Guccione (UA Geosciences): Provided assistance with obtaining digital land-use maps for Midwestern sates. October.

2004 Phillip Massirer (FTN Associates, Little Rock): Provided assistance with using digital land-use maps. October.

2004 Falko Fye (UA, Geosciences): GPS checkout and assistance. October.

2004 Ashish Ratn Mishra (UA, Biological & Agricultural Engineering) Assistance with information about graduate degree programs in remote sensing. October.

2004 Presented "Finding of the Arkansas LULC Project" at a press conference attended by Sue Madison and Jan Judy. October.

2004 Presented "2004 Arkansas Land-use Mapping Project" at University of Arkansas' GIS Day. Mullins Library. November.

2004 Ethan Inlander (The Nature Conservancy, Ozark Highlands Office): provided remote sensing consultation services. November.

2004 Chad Cooper (UA Biological & Agricultural Engineering): provided help with remote sensing technical issues. November.

2004 Vaughn Skinner (U.A. Experimental Farm): provided assistance with image processing for land-use mapping. November.

2004 Brandon Wood (Western Meadows Construction, Jonesboro, AR): provided consultation on the use of base station data for GPS mapping. November.

2004 Chris Hobza (UA, Geosciences): GPS training, checkout and assistance. October. Kaushik S. Mysorekar (The Nature Conservancy, Little Rock Office): provided remote sensing consultation services. December.

2005 Zola Moon (US, ENDY) Provided unprocessed satellite imagery from CAST archives. January.

2005 Presentation to Luis Hernandez (USDA, NRCS) and Earl Smith (ASWCC). "Soil and LULC Mapping." January.

2005 Byron Winston (UA Biology): Assistance with Impervious surface mapping from satellite imagery. January.

2005 Presentation to ASPRS Board Meeting. "Mapping Arkansas' Land-use: 1992-2004." February.

2005 Eric Osterling (InTime, Inc. Cleveland, MS) Provided a link to InTime services on the ArkansasView web site. February.

2005 Clyde Vasey (Rogers, AR) Provided assistance with obtaining NW Arkansas Aerial photos on Geostor. February.

2005 John Coger (Coldwell Banker Faucette Real Estate, Fayetteville) Provided assistance with obtaining NW Arkansas Aerial photos on Geostor. February.

2005 Chris Bare (UA, Arkansas Cooperative Fish and Wildlife Research Unit) Assistance with GPS data acquisition issues. February.

2005 Presented "Land-cover and Land-use Change in Northwest Arkansas 1984-2004" at the UA Biology Department's "Ecomunch" Seminar Series. February.

2005 Ethan Inlander (The Nature Conservancy, Ozark Highlands Office): Provided remote sensing consultation services. February.

2005 Ty Johnson (UA, Student) Assistance with processing digital map data. March.

2005 Lane Patterson (Nature Conservancy, Little Rock) Assistance with acquiring satellite data for Upper Saline Watershed. March.

2005 J.B. Sharma (Gainesville College, Gainesville, GA): Assistance with obtaining archived satellite imagery for south-central Arkansas. March.

2005 Dawn Farver (UA, Biological Sciences) Provided assistance with using digital land-use maps. April.

2005 Martin Blaney (Arkansas Game and Fish Commission) Assistance with obtaining and using US Census Bureau data. April.

2005 Michael A. Crump (Ozark - St. Francis National Forests, Russellville) Provided assistance with obtaining digital land-use maps for Arkansas. April.

2005 Vijay Garg (UA, Biological & Agricultural Engineering): Assistance with raster data formatting issues. May

2005 Brianna Mossiman (University of Kansas, KansasView): provided course outline and powerpoint slides for a basic remote sensing course. May.

2005 Aziza Parveen (Winrock International, Turners Falls, MA): Provided assistance in the use of eCognition for segmenting forest stands. May.

2005 Dan Griffin (UA, Geosciences, Dendrochronology Lab): Provided assistance with obtaining Landsat satellite images through ArkansasView. June.

2005 William Baker (ASU, Jonesboro): Provided satellite imagery for Lower White River Basin. June.

## **HARMON, DEBBIE**

Demo for Arts folks Larry Swartwood, Mike Peven

Department of Homeland Security Centers Program Meeting, UA

More than 100 queries and data requests sent to CAST through the WWW gateway.

## **ROBERTS, PAXTON**

2004-2005 Provided assistance to students' issues dealing with geospatial technology via EAST Support Forums: 28 posts from July through May.

2005 Provided assistance with conducting Introductory to SoftImage Training in Chicago, IL to 23 students (with Angie Smith). January

2005 Conducted Intro to Web Design training in Chicago, IL to 12 students. January

2005 Provided assistance with Advanced Vector training to 25 students in Fayetteville, AR. January

2005 Provided assistance with Geospatial Workshop to 25 students in Little Rock, AR (with Malcolm Williamson). January

2005 Provided assistance with conducting Introductory to SoftImage Training in Fayetteville, AR to 21 students (with Angie Smith). February

2005 Conducted Intro to Web Design training in Little Rock, AR to 25 students. February

2005 Provided assistance with conducting Introductory to SoftImage Training in Little Rock, AR to 26 students (with Angie Smith). February

2005 Geospatial School visit to Farmington High School- 37 students. February

2005 Assisted students in Gravette, Arkansas with GIS project and provided technical training to 6 students. February

2005 Conducted Intro to Web Design training in Fayetteville, AR to 19 students. February

2005 Assisted students in Lincoln, Arkansas with GIS project and provided technical training to 10 students. March

2005 Conducted presentations at the EAST Partnership Conference- Central Region: "Cartographic Methods" and "Using ArcGIS ArcPublisher" to 35 students and teachers.

2005 Geospatial School visit to Perryville High School- 36 students. April

2005 Provided assistance with Advanced Vector training to 25 students in Little Rock, AR (with Fiona Trewby). April

2005 Provided assistance with Advanced Raster training to 8 students in Little Rock, AR (with Fiona Trewby). April

2005 Conducted Regional GIS Training to 16 students in Eureka, CA. April

2005 Contributed 2 Articles for EAST Geospatial newsletter published bi-weekly April and May.

2003-2004 Provided assistance to students' issues dealing with geospatial technology via direct email: > 10 posts from August through May.

### **SCARLAT, CRISTINA**

2004. Assisted Kathy Deck at the Center for Business and Economic Research, University of Arkansas, with data and maps compilation. August.

2004. UAEDI General Meeting. Presenting the Crossroads Coalition Atlas project. September.

2004. Assisted Leah Lucio, graduate student in the Entomology Department on soils data compilation and poster design. September.

2004. Assisted Dr. Mary Savin's graduate student in the Crop, Soils and Environmental Sciences Department on compiling soil maps for his research area on the Mud Creek. September.

2004. Provided support, including maps, geocoded data and graphics compilation to the Facilities Planning Department at the University of Arkansas and the Martin, Alexiou and Bryson Transportation and Traffic Engineering Company as part of the Technical Committee for the University of Arkansas Transportation Plan (a travel demand management plan for the University of Arkansas campus). Sept-Dec.

2004. Attended the Arkansas One Call Conference in Little Rock. Booth presentation of posters and demonstrations of the GPS equipment and usage. October.

2004. Helped ENDY student getting geology map and data. October.

2004. Press Conference for Senator Sue Madison and Representative Jan Judy about the funds appropriation for developing the Digital Soil and Land Use Land Cover datasets. Presented a short history of the projects development and the status of the Soils Digitization Project. November.

2004. GIS Day. Poster presentation: "Northwest Arkansas Imagery Project – A Benton and Washington Counties collaborative effort for acquiring high resolution aerial photography –". November.

2004. Assisted Dr. Molly Longstreth with maps for the University of Arkansas online Transportation Survey. November-December.

2004. Assisted David McFee, Geosciences graduate student with soil data compilation. December.

2004. Assisted and provided support for Vaughn Skinner at the Agricultural Extension and scanning historical maps of the University of Arkansas farm. December.

2004. Updating and maintaining the Arkansas Soils Information System (ARK-SIS) interactive online mapping website. Work in progress.

2004. Provided continuous support and assistance to other faculty and staff who requested to be part of the UAEDI online databases follow-up and trouble shooting with these participants. Work in progress.

2004. Compiled the NRCS certified soil data for approximately 30 counties to be loaded in GeoStor.

2005. Soils Digitization project presentation for Luis Hernandez, Natural Resources Conservation Service (NRCS), Marcella Callaghan (NRCS) and Earl Smith, Arkansas Soils and Water Conservation Commission. January.

2005. Assisted undergraduate student in Crop, Soil, and Environmental Science Department with soil information. January.

2005. Presentation of the CAST – NRCS collaboration and projects for the Natural Resources and Conservation Service Management Team in Little Rock. February.

2005. Overview and presentation of the Arkansas Soils Information System (ARK-SIS) and GIS tools for the students in the Environmental Science Class (Dr. Duane Wolf's class at the Crop, Soils and Environmental Sciences Department). February and April.

2005. Assisted graduate student in Crop, Soil, and Environmental Science Department with soil information. March.

2005. Provided support for the EAST team and provided demos at the EAST conference in Little Rock. March.

2005. Presentation at the CAST - Autodesk meeting. April.

2005. Participated at UAEDI's discussion group meeting. April.

2005. Provided assistance with maps and data to Anne Prichard at the Special Collection, Mullins Library. May.

### **TREWBY, FIONA**

2004-2005 Provided assistance to students' issues dealing with geospatial technology via EAST Support Forums: 151 posts from July through May.

2004-2005 Published 12 issues of an online newsletter (EAST GIS News) for geospatial technology support on a bi-monthly basis to 291 subscribers Contributed 36 articles and 5 tutorials. August 31 to April 11

2004 Helped EAST Student at Clinton High School transfer GPS data from GeoExplorer for a fire hydrant mapping project July 8

2004 Worked with an EAST student from Southside High School, Fort Smith to obtain a license for PCI Geomatica v9.1 to work with historical aerial photos. September

2004 Conducted Introductory SoftImage Training in Little Rock to 20 students (with Angie Smith). Sep 27-28

2004 Helped an EAST student with differentially correcting and exporting GPS data. Oct 5

2004 Helped an EAST student from Little Rock Central with exporting GPS files from GPS Pathfinder Office to ESRI shapefiles. Oct 7

2004 Conducted Introductory SoftImage Training in Fayetteville to 17 students (with Angie Smith). Oct 12-13

2004 Conducted Regional Geospatial Training in Dumas, AR to 12 students (with Bonnie Brown). Oct 19-20

2004 Geospatial School visit to Clinton High School – 20 students. Oct 26

2004 Geospatial School visit to Cave High School – 17 students. Oct 27

2004 Geospatial School visit to Henderson High School – 20 students. Oct 28

2004 Geospatial School visit to Hector High School – 21 students. Oct 29

2004 Conducted Regional Geospatial Training in Berkeley to 14 students (with Angie Smith). Nov 1-2

2004 Conducted Introductory SoftImage Training in Sacramento to 10 students (with Angie Smith). Nov 3-4

2004 Conducted Regional Geospatial Training in Morrilton, AR to 15 students (with Bonnie Brown). Nov 9-10

2004 Assisted an EAST student with Data Dictionaries on their GPS unit from Conner Junior High, McGehee. Nov 11

2004 Conducted Introductory Geospatial Projects in Fayetteville to 7 students (with Bonnie Brown). Nov 16-18

2004 Assisted an EAST student with project planning for developing and maintaining a database of utilities. Nov 29

2004 Conducted Introductory Geospatial Projects in Chicago to 7 students (with Malcolm Williamson). Nov 30-Dec 2

2004 Assisted an EAST student with adding tabular data to ArcMap. Dec 3

2004 Conducted Regional Training (geospatial & web design) in Eureka, CA to 30 students (with Paxton Roberts). Dec 7-8

2004 Assisted an EAST student with using StreetMap Data Dec 3

2004 Assisted EAST students with adding shapefiles and exporting GPS data. Dec 12

2005 Conducted Regional Geospatial Training in Sacramento to 16 students (with Bonnie Brown). Jan 19-20

2005 Conducted Introductory SoftImage Training in Little Rock to 14 students (with Angie Smith). Jan 24-25

2005 Assisted U of Arkansas student with editing DRGs so they wouldn't overlap Jan 28

2005 Conducted Regional Geospatial Training in Camden, AR to 19 students (with Malcolm Williamson). Jan 31 - Feb 1

2005 Assisted EAST student with downloading a DEM and using them in ArcScene. Feb 2

2005 Assisted EAST student from Southside High School, Fort Smith with scanning in aerial photographs. Feb 4

2005 Assisted student from Southwood, Louisiana with creating a map of Louisiana parishes, rivers and roads. Feb 5

2005 Worked with an EAST facilitator from C.K. Price Intermediate School, California on the School Mapping Project – creating new shapefiles and defining projections. Feb 5-20

2005 Provided assistance to an EAST student at Cave City High School with geocoding addresses. Feb 8

2005 Conducted Advanced GIS: Image Processing & Remote Sensing Training in Fayetteville to 4 students. Feb 9-10

2005 Conducted Geospatial Projects Workshop in Fayetteville to 8 students (with Angie Smith. Feb 15-17

2005 Provided assistance to an EAST student from Southside High School, Louisiana on obtaining elevation data for Louisiana and using it in ArcScene. Feb 16

2005 Assisted EAST student with setting data source in ArcMap Project. Feb 17

2005 Conducted Geospatial Projects Workshop in Fayetteville to 11 students (with Malcolm Williamson). Feb 22-24

2005 Helped an EAST facilitator from DeQueen High School with exporting data from GPS Pathfinder Office Feb 23

2005 Geospatial School visit to Lake Village High School – 80 students. Mar 1

2005 Geospatial School visit to McGehee High School – 60 students. Mar 2

2005 Geospatial School visit to Smackover High School – 30 students. Mar 3

2005 Geospatial School visit to Augusta High School – 25 students. Mar 4

2005 Provided assistance to an EAST student from Southside High School, Louisiana on geocoding addresses. Mar 7

2005 Assisted EAST student with editing shapefiles and creating a legend in ArcMap. Mar 7

2005 Attended EAST Partnership Conference – Central Region. Gave presentations on “Making 3D GIS videos” to 48 students and “Getting started with ArcGIS to 28 students (with Angie Smith). Mar 14-16

2005 Assisted EAST student with installing ArcGIS extensions. Mar 17

2005 Collaborated with John Goddard from the City of Fayetteville to obtain imagery of Fayetteville for the Fire Department (with John Wilson) Mar 20

2005 Geospatial School visit to Monticello High School – 60 students. Mar 30

2005 Geospatial School visit to Jessieville High School – 100 students. Mar 31

2005 Assisted EAST student with registering ArcGIS software. Apr 1

2005 Assisted EAST Student with geocoding. Apr 1

2005 Attended EAST Partnership Conference – Western Region. Gave presentations on “Making 3D GIS videos” to 10 students, and “SoftImage Animation” to 20 students (with Angie Smith). Apr 4-6

2005 Provided geospatial data for EAST schools. Apr 8

2005 Provided assistance to an EAST student with creating flyovers in ArcScene and ArcGlobe. Apr 8

2005 Assisted EAST student with geocoding. Apr 12

2005 Conducted Advanced GIS Vector Analysis and Visualization Training in Fayetteville to 7 students (with Paxton Roberts). Apr 12-13

2005 Conducted Advanced GIS Raster Analysis & Visualization Training in Fayetteville to 4 students (with Paxton Roberts). Apr 14-15

2005 Assisted two EAST students with organizing & formatting tabular data so that it could be joined to spatial data. Also assisted with obtaining the correct spatial data. Apr 18

2005 Assisted EAST student with defining projection. Apr 20

2005 Assisted EAST student with differentially correcting GPS data. Apr 20

2005 Assisted EAST student with making a 3D GIS video for the EAST conference video. Apr 21

2005 Assisted EAST student with finding a base station to differentially correct their GPS data. Apr 21

2005 Geospatial School visit to Brinkley Junior High School – 35 students. Apr 25

2005 Geospatial School visit to Brinkley High School – 50 students. Apr 26

2005 Assisted EAST student with exporting GPS data. Apr 27

2005 Geospatial School visit to Vilonia High School – 40 students. May 4

2005 Geospatial School visit to Greenbrier High School – 2 students. May 5

2005 Assisted EAST student with mapping centerlines for their county. May 10

Trewby, F (2005) Help your students achieve success with the ESRI Community Atlas. EAST Facilitators Summer Seminar, Hot Springs, Arkansas. June 2004

### **TULLIS, JASON**

Discussed forestry applications of remote sensing with Teddy Reynolds and Jackson Cothren on *Timber Talk*, a 30 minute live radio interview broadcast over 59 counties or parishes in Arkansas, Louisiana, Oklahoma, and Texas, from 100.5 FM KZHE, Magnolia, AR (Jan 2005).

Presented “Overview of Remote Sensing Activities”, posters and graphics featuring remote sensor data processing, and a 3D fly-through over Northwest Arkansas to the chief executives of Leica Geosystems, faculty and students, local officials, and local media as part of the inaugural *Leica Geosystems Center of Excellence* press conference at University of Arkansas (May 2005).

### **WILLIAMSON, MALCOLM**

2004 Provided training and support in visualization and design software to Prof. David Fredrick and students for Latin 3003. See [http://classics.uark.edu/domus\\_romana/](http://classics.uark.edu/domus_romana/) for results. September, October.

2004 Worked with Prof. Michael Riha in developing curriculum to incorporate visualization and design software in stage technology and theater design courses. September through December.

2005 Presented work to two candidates for new faculty position, with emphasis on computer animation, in Fine Arts. March.

2004-2005 Provided assistance to EAST students’ issues dealing with geospatial

technology via EAST Support Forums: 256 posts and replies from August through May.

2004-2005 Provided assistance to EAST facilitators and students through direct e-mail contact: over 160 e-mails from August through May.

2004-2005 Provided GIS and GPS training to approximately 100 EAST students during 10 different workshops. October through March.

2004-2005 Managed the *EAST Support Web* pages for support of the 12,000+ students enrolled in the EAST program. Year-long.

2004-2005 I administered the *EAST GIS Newsletter* list server, a support resource for the 209 schools participating in EAST. Year-long

2004 *Northwest Arkansas Community Asset and Development Information System*: I developed, managed, and coordinated projects with the City of Fayetteville and high school interns from the EAST program. July through August.

2004 Participated in focus group for campus planning at Northwest Arkansas Community College. July.

2004 Supported a group of six high school EAST students in Little Rock while they worked on a summer project for the Arkansas Department of Education. June through July.

2004 Provided instruction to approximately 65 new EAST facilitators during four sessions of EAST Phase I training. July, August, and September.

2004 Participated in online video demonstration session for EAST students. September.

2004 Participated in *My World* GIS workshop, examining needs of GIS users in K-12 education, at Northwestern University, Evanston, IL. October.

2004 Presented an online video demonstration session for EAST students. November.

2005 Worked with staff of Audubon Arkansas to gather topographic data of the College Branch creek using 3-D laser scanning technology. February.

2005 Led support team of 5 CAST staffers at the Central Region EAST Partnership Conference. Team provided multiple workshops, demonstrations, and individual support to an attending body of some 1500 students. Little Rock, Arkansas. March.

2005 Led support team of 4 CAST staffers at the Western Region EAST Partnership Conference. Team provided multiple workshops, demonstrations, and individual support to an attending body of some 300 students. Sacramento, California. April.

2005 *Northwest Arkansas Community Asset and Development Information System*: I developed, managed, and coordinated projects with Beaver Water District, Washington County, the City of Fayetteville, and high school interns from the EAST program. May through June.

2005 Attended meeting of Arkansas Pre-Disaster Mitigation Advisory Council and Arkansas Governor's Earthquake Advisory Council, West Memphis, Arkansas. June.

2005 Coordinated a 2-day GIS/GPS workshop for 15 high school students through the UA Educational Talent Search Program. June.  
2005 Provided hands-on GIS training to 50 EAST facilitators during their annual Summer Seminar. Hot Springs, Arkansas. June