

STEVEN M. DI NASO, PH.D., RPA
Geospatial Scientist / Geoarchaeologist

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EDUCATION

Indiana State University, Department of Earth & Environmental Systems

Ph.D. Applied Geospatial Science

Concentration: Archaeometry

2018

Summa cum laude (GPA: 4.0/4.0)

Indiana State University, Department of Geography, Geology, and Anthropology

M.A. Geography

2008

Summa cum laude (GPA: 4.0/4.0)

Eastern Illinois University, Department of Geology & Geography

B.S. Geology

1994

Minors in Earth Science & Geography

PERSONAL PROFILE

I am a geospatial scientist / archaeologist specializing in the application of geomatics, remote sensing, geophysics, geospatial science, and a broad array of instrumental archaeometric techniques to solve complex problems in archaeology. My passion is diving deep into unsolved historical and prehistoric research problems to shed new light using state-of-the-art technologies and I have been conducting such work for several decades. Current excavations, discoveries and research initiatives include; the identification of the victims of the Herrin Massacre (ca1922) using $^{87}\text{Sr}/^{86}\text{Sr}$, $^{208}\text{Pb}/^{206}\text{Pb}$, and $\delta^{18}\text{O}$ isoscapes (my colleagues and I discovered the burial location in 2013), location of the burial grounds of the victims of the 1899 Pana Riot, a labor and racial conflict, an investigation using geochemical analysis of clay and pottery as a proxy for the identification of exchange systems among discrete villages of the Ancestral Puebloan, and ongoing excavations of several Great House structures in the American Southwest. The research has an incredible potential to change the way cultural anthropologists view prehistoric social interaction among these people in the American Southwest at previously undocumented social scales.

WORK EXPERIENCE

University of Illinois, Department of Anthropology

Archaeometrist and Affiliate Researcher

2024 –

Collaboration with UI Anthropology, Archaeology Faculty and Affiliated Researchers. Among several projects - recovery of the victims of the 1899 Pana Massacre, Pana, Illinois, the lost Mormontown Cemetery, Pike County, Illinois, and recovery of the remains of 1890's serial killer Frederick Wilhelm Hollman, Paxton, Illinois. These studies are ongoing and based on the geospatial and geophysical data collected thus far, show certain promise for future publication.

Four Corners Research

Archaeometrist and Research Affiliate

2016 –

Specialize in the application of Remote Sensing, Data Science, Geomatics, Elemental Instrumental Analytical, and Precision Excavation and Mapping techniques. Provide technical and professional services including, but not limited to; **Geomatics:** Differential Global Positioning Systems, including static and rapid static precision surveys in remote areas, Total Stations, Theodolites, and High Speed 3D Scanners; **Geochemical Analysis:** X-Ray Fluorescence (pXRF, XRF), Inductively Coupled Plasma (ICP-MS, ICP-OES), Isotope Analysis, Environmental Scanning Electron Microscopy and Energy Dispersive Spectrometry (ESEM-EDS); **Geophysical Surveys:** resistivity, conductivity, vertical magnetometry, cesium vapor magnetometry, electromagnetic Induction (EMI); **Aerial Surveys,** including Unmanned Aerial Vehicles (UAV), photogrammetry and LiDAR.

Eastern Illinois University, Faculty**Faculty Unit B and Associate Member of the Graduate Faculty****2003 – 2016 | 2022 -**

I taught undergraduate and graduate-level GISci courses for fourteen years, including an annual summer field course in archaeometric, geophysical, and survey techniques the American Southwest, and specially designed courses in the geosciences for Adult Continuing Education. Assisted in the development of the core GIScience Curriculum at EIU beginning in 2004. The catalogued courses I designed were built upon the GeoTech Center and the fundamental Geospatial Core Competencies of the U.S. Department of Labor's Geospatial Technology Competency Model (GTCM).

Eastern Illinois University, Director of the EIU Geographic Information Sciences Center**2010 - 2014**

At the request of the Provost, I collaborated with affiliated faculty, and we established the Geographic Information Science Center at EIU. Having attained approval by the Illinois Board of Higher Education, I served as Director from its inception to 2014.

Committee Member, Professional Science Master's Program (PSM in GISci)**2013-2016**

Served on the PSM Steering Committee in its early and formative development. I also advised and mentored students from the local and international communities as they progressed through the PSM curriculum.

Co-Coordinator and Co-Manager of the GEG GISci and GEG GIS Special Projects Labs**1995 - 2016**

Supported and maintained all software, hardware, and peripherals in EIU GISci Labs between 1995 to 2017, first as an alumnus volunteer, and later as a full-time faculty member. Managed Enterprise GIS Servers and peripherals for over two decades. Maintained the EIU Esri University Site License across campus Experience with Oracle and SQL Server Relational Database Management Systems. I hold certificates in Server Enterprise Configuration and Tuning for both SQL Server and Oracle. I was a member of the EIU Server Administrator's Group from 2005 to 2017.

Esri, Inc. EIU GISci Lab**Authorized ESRI ATP Instructor, 2004 to 2012; Authorized Esri CTP Instructor, 2012 to 2016****2004 – 2016**

Taught Introductory, Intermediate, and Advanced Esri GIS Courses on a regular basis between 2004 and 2016, hosted at Eastern Illinois University.

TECHNICAL & PROFESSIONAL CERTIFICATES

CompTIA CTT+ (Computing Technology Industry Association) Certified Technical Trainer

Esri Certified Desktop Associate

Authorized ESRI ATP Instructor, 2004 to 2012

Authorized Esri CTP Instructor, 2012 to 2016

HONORS & AWARDS**Award of Superior Achievement****2014**

Illinois State Historical Society. In *'Recognition of superior achievement that serves as a model for the profession and reaches a greater public'* (for discovery of the Herrin Massacre victims in Illinois)

Hilton Distinguished Collaboration Award**2014**

Illinois GIS Association (ILGISA). *'Presented to an individual for extraordinary service to the GIS community in the advancement of coordination between GIS professionals, the award is presented to an individual who has made a significant contribution to the promotion of cooperation within our community and with the people we serve...'*

Best Practices in Science International Python Model Builder Competition Award, ESRI**2005**

2005 Esri International User Conference, July 25–29, 2005, in San Diego, California

NOAH, an Automated GIS Tool for the Modeling, Reconstruction, and Impact Analyses of Floodwater Reservoirs on Urbanizing Watersheds.

Ruby M. Harris Scholarship for outstanding scholastic achievement in Earth Science and Geography (2)**1994**

Errett and Mazie Warner Award for academic achievement in Geology and Geography	1993
Grace Markwell Meier Award for academic achievement and participation in student organizations	1992
Geology Alumni Award for outstanding Sophomore Geology Major	1990

MEMBERSHIPS

Society for American Archaeology (SAA)
 Register of Professional Archaeologists
 Illinois Geographic Information Systems Association (ILGISIA) Member
 Gamma Theta Upsilon (Geography Honor Society)
 Sigma Gamma Epsilon (Geology/Earth Science Honor Society)
 Municipal Arc Info User's Group (MAUG) Member
 Arc Users of Greater Illinois (AUGI), President
 Arc Users of Greater Illinois (AUGI), List Serve Administrator
 Indiana GIS Initiative (INGISI) Member
 Illinois State Academy of Science (ISAS) Member
 Chicago Map Society Member
 American Association of Petroleum Geologists Member
 EIU Geoscience Club Member Arc Users of Greater Illinois (AUGI), former President

LANGUAGES

English – native language
 Italian – second language

PROFESSIONAL PUBLICATIONS, PAPERS, PRESENTATIONS AND POSTERS

PUBLICATIONS

Di Naso, S.M., Baumann, P., "Creating Digital Histories for Preservation and Documentation of Massacres, Epidemics, and Forgotten Black Communities." The Public Historian, in Cemeteries, Graveyards, and Massacre Sites. - (manuscript in preparation).	2024
Di Naso, S.M. "Thinking Outside the Ellipse: An Analysis of Jurassic Mudstones in Southeastern Utah for Application in Spatio-compositional Provenience Studies." - (manuscript in preparation).	2022
Di Naso, S.M., Dove, D.M., Hurst, W., Lucius, W.A. 2022, "A Provenience Model for San Juan Red Ware Pottery: A Case Study of Prehistoric Interaction and Exchange". Pottery Southwest, Volume 38, No. 1-2 September 2022, Spring-Summer ISSN 0738-8020. Albuquerque Archaeological Society, University of New Mexico.	
Dove, D.M., Hurst, W., Di Naso, S.M., "From Bears Ears to Mancos Valley – Late Ninth-Century Climate Change and its Impact on the Production and Exchange of San Juan Red Ware Pottery. Academia Letters, Article 4818, February 2022. https://doi.org/10.20935/AL4818 .	
Di Naso, S.M. "An Archaeometric Provenience Model for the Geographic Transformation of PCA Coordinates in Compositional Hyperspace, to Geographic Coordinates on the Landscape using a Python-enabled Compound Algorithm." - (manuscript in preparation), Archaeometry, expected publication date 2023.	
Di Naso, S.M., Corruccini, Robert, Hoogewerff, Jurian, "Identification of Victims of the Herrin Massacre. A Provenience Approach Using Isotope Data from the GEMAS Project" - (manuscript in preparation), Archaeological and Environmental Forensic Science, expected publication date 2023.	

2021

Dove, D.M., Di Naso, S.M., Hurst, W. "Pots for Food? San Juan Redware Pottery Production and Exchange Networks in the Mesa Verde Region," in Montezuma Canyon, edited by Nielsen-Grimm, G, Janetski, J, and Matheny, D. - (manuscript accepted and pending publication). University of Utah Press.

2017

Di Naso, S.M., Dove, D.M., Geochemical Characterization and Provenience of Late PII Kiva Earthen Materials Using, XRD, XRF, ICP-OES, AND ESEM-EDS, Mitchell Springs Ruins Group. Lessons and Implications for Geochemical Compositional Studies in Archaeometry," (submission to the Colorado State Archaeology Office, Colorado Historical Society, Denver, Colorado, June 2017).

Lovekamp, Wm., Foster, G., and Di Naso, S.M. "Protecting the Dead: Cemetery Preservation and Disaster Planning." Natural Hazards Observer, Vol. 40, No. 6.

2015

Di Naso, S.M., Dove, D.M., "High Resolution Aerometric Mapping at Mitchell Springs Using a Drone and High Precision Geodetic Control to Produce Survey-Grade Planimetric Maps of Puebloan Architecture." The Surveyor, Colorado Archaeological Society (accepted, unpublished).

Di Naso, S.M., Henson, H., Gutowski, V.P., "An investigation of unmarked burials in the Parker Cemetery using Electromagnetic Induction (EMI)" - (private, unpublished).

Foster, John, "VICTIMS OF THE HERRIN MASSACRE: The dead and survivors of the Herrin Mine War of June 21st and 22nd, 1922." Cartography and maps by Di Naso, S. M.

2014

Foster, Gary S., Lovekamp, William E. Department of Sociology and Anthropology, Di Naso, S. M. and Woods, G., Department of Geology and Geography, Eastern Illinois University, "The Cast Iron Grave Cover: A Case of Mistaken Identity and Identity Found," Markers XXXI.

Di Naso, S.M., McClintic, D., Gutowski, V.P., Doody, S., Woods, G., "An Investigation of a Potter's Field: Precision Surveys & Geospatial Techniques in Cemetery Modeling," Chartered Institution of Civil Engineering Surveyors (ICES) (a registered educational charity) - Journal of the Chartered Institution of Civil Engineering Surveyors, June 2014 - Invited by Editors.

Di Naso, S.M., Doody, S., "Finding the Victims of the Herrin Massacre, Mystery Dating from 1922 Solved," Esri ArcGIS ArcUser Magazine, April 2014.

2013

Di Naso, S.M. "Uncovering the Herrin Massacre" Point of Beginning Magazine, featured article, January 2013.

Doody, S., Di Naso, S.M. "Herrin Massacre," paperback. My work is highlighted throughout the book, and I authored the 'Afterword', Lulu Press, December 2013.

2010

Di Naso, S.M., Henson, H., Gutowski, V.P., Leonard, R., "Lost Graves, Trail of Tears," GPS World Magazine: On the Edge, Application Challenge Winner, April 2010.

2008

Henson Jr., Harvey, Cobb, D.E. Di Naso, S.M., Gutowski, V.P. Strahan, A. "Geophysical and Archaeological Investigations to Find the Lost Strahan Cemetery," The Living Museum, Illinois State Museum, Volume 70, No's 2-3, Summer 2008.

2004

Di Naso, S.M. "Total Station and GPS methodologies aid surface mapping of archaeological site," Point of Beginning Magazine, Technology Profile, August 2004.

PAPER PRESENTATIONS

- 2021**
- Di Naso, S.M., Dove, D.M., Hurst, W., Lucius, W.A. "San Juan Redware Production Locales and Trading Partners. A 2021 Update of the San Juan Redware Research Project," Big MaCC 2021, Crow Canyon Archaeological Center, Digital/Zoom, March 2021.
- 2019**
- Di Naso, S.M., Dove, D.M., Hurst, W., Lucius, W.A. "San Juan Redware Economy: Tracking the Pottery of Montezuma Canyon to the Great Sage Plain." Pecos Conference, Albuquerque, NM, April 2019.
- 2018**
- Di Naso, S.M., Dove, D.M. "The San Juan Redware Sourcing & Exchange Project." Pecos Conference, Flagstaff, AZ, August 2018.
- 2017**
- Di Naso, S.M., "An Investigation and Analysis of Jurassic Mudstones in Southeastern Utah for Application in Ceramic Provenience Studies." Pecos Conference, Rowe Mesa, NM, August 2017.
- 2016**
- Di Naso, S.M., David Dove, and William Lucius. "An Archaeometric Provenience Model for the Geographic Transformation of PCA Coordinates in Compositional Hyperspace, to Geographic Coordinates on the Landscape using a Python-enabled Compound Algorithm." Pecos Conference, Alpine, AZ., August 2016.
- 2015**
- Di Naso, S.M. Herrin Massacre Exhibit, Jackson County Museum (Invited Lecture), Eastern Illinois University, October through December of 2015 (Invited Lecture) Mt. Vernon, Illinois, November 7th, 2015.
- Di Naso, S.M. Herrin Massacre Exhibit, Booth Library (Invited Exhibit), Eastern Illinois University, January through April of 2015. Charleston, Illinois.
- 2014**
- Lucius, W., Di Naso, S.M., LESSONS LEARNED: LINKING ORANGE POTS TO RED CLAY SOURCES IN THE BLANDING TRACT Pecos Symposium Paper, New Science for Old Pots: Recent Scientific Studies of Prehistoric Pottery from Southeastern Utah, 87th Annual Pecos Conference, August 8, 2014, Blanding, Utah.
- Lovekamp, W.E., Foster, G.S., Di Naso, S.M. and Gutowski, V.P. "Etched In Stone: Preservation of Cemeteries and Cultural Identity" XVIII ISA World Congress of Sociology (July 13-19, 2014), Yokohama, Japan
- 2013**
- Lovekamp, W.E., Foster, G.S., Di Naso, S.M. and Gutowski, V.P. "Cemetery Preservation as Disaster Preparedness," Natural Hazards Workshop, IRCD Researchers Meeting, Natural Hazards Center, University of Colorado-Boulder.
- 2007**
- Henson Jr., Harvey. Cobb, DE., Di Naso, S.M. and Gutowski, V.P. Department of Geography and Geology, and Strahan, Strahan, A.L. Cemetery Alliance, "Geophysical and Archaeological Investigations to Relocate Forgotten Cemeteries: A Case Study from Southern Illinois," Midwest Bio-archaeology and forensic Anthropology Association Annual Meeting, November 2-4, 2007.
- Di Naso, S. M., "Utilities Mapping and the Implementation of an ESRI Utilities Data Model," Arc Users of Greater Illinois Group, Spring 2007.
- 2006**
- Di Naso, S. M., "Archaeological Prospecting: Geophysical Methods using 3D Modeling Techniques, Champagne Springs Ruins," ESRI International Conference, AUG 7 -11, 2006.
- Di Naso, S. M., "Archaeological Prospecting: Geophysical Methods using 3D Modeling Techniques, Champagne Springs Ruins," ITG Forum, Beckman Institute, University of Illinois, March 7, 2006.
- 2005**
- Baumann, P., Baumann, K., Di Naso, S.M. "Victorian Era Monument Cutters: A Study in Historical GIS," Indiana GIS Initiative, Indianapolis, IN., March 9, 2005.

Henson, H., Gutowski, V., Di Naso, S.M., Dove, D.A., Dove, D.O., "Geophysical Archaeological Investigations of the Champagne Springs Group and Mitchell Springs Ruins in Southwest Colorado", 39th Annual Meeting of the Geological Society of America, North Central Section, Minneapolis, MN, May 19-20.

2001

Gutowski, V.P., Di Naso, S.M. and Osterman, D. J. "A Preliminary Analysis of Bendway Weirs on the Embarras River", East-central Illinois, abs. 93rd Annual Meeting of the Illinois State Academy of Science, Macomb, IL, April 20-21, p. 65.

POSTER SESSION PRESENTATIONS

2022

Di Naso, S.M., Dove, D.M., Lucius, W.M., Hurst, W. "A Case Study of Prehistoric Interaction & Exchange: A Provenience Model for San Juan Red Ware Pottery." Pecos Conference, Rowe Mesa, NM., August 2022.

2021

Di Naso, S.M., Dove, D.M., Lucius, W.M., Hurst, W. "San Juan Red Ware Project: What Have We Learned? Research Update 2021." Pecos Conference, Mancos, CO., August 2021.

2018

Di Naso, S.M., Dove, D.M., Lucius, W.M., Hurst, W. "San Juan Redware Economy: Tracking the Pottery of Montezuma Canyon to the Great Sage Plain." Pecos Conference, Flagstaff, AZ., August 2018.

2017

Di Naso, S.M., Lucius, W.M. "Linking Pots to Production Zones: A Novel Provenience Model for PI Red Ware in Southeastern Utah." Pecos Conference, Rowe Mesa, NM, August 2017.

Di Naso, S.M., Dove, D.M. "Tangibles for Intangibles? Montezuma Canyon San Juan Red Ware Production and Exchange." Pecos Conference, Rowe Mesa, NM, August 2017.

2016

Di Naso, S.M., Dove, D.M., "Geochemical Characterization and Provenience of Late PII Kiva Earthen Materials Using, XRD, XRF, ICP-OES, AND ESEM-EDS, Mitchell Springs Ruins Group. Lessons and Implications for Geochemical Compositional Studies in Archaeometry," Pecos Conference, Alpine, AZ., August 2016.

2015

Di Naso, S.M., Gutowski, V.P., Dove, D. "High Resolution Aerometric Mapping at Mitchell Springs Ruins Using a Drone and High Precision Geodetic Control to Produce Survey-Grade Maps of a Tri-Wall and Pit Structure," Pecos Conference, August 6-8, 2015, Mancos, CO.

Di Naso, S.M., Gutowski, V.P., Livermore, W., Akbarimoghaddam, Ali, Alford, Dynamic Sedimentation in Northwest Cove: A High-Resolution Bathymetric & Aerometric Survey Using an Autonomous UAV, LiDAR, and High-Precision Geodetic Control, City of Charleston, Charleston, Illinois.

2012

Di Naso, S.M., Happ, J., Reynolds, J. "Snow's Cholera Revisited: An Integrative Learning Experience in Spatio-Statistical Analysis," ILGISA Spring Conference, April 18-19, 2012, Champaign, Illinois

2011

Di Naso, S.M., Gutowski, V.P., Osterman, D., "Using GIS to Identify Riverine Soils for use as Potential Wetland Restoration Areas in Counties Containing the Embarras River, IL," Illinois State Academy of Science, 104th Annual Meeting, April 8-9, 2011, Eastern Illinois University.

Di Naso, S.M., Gutowski, V.P., Boatright, K., Lemmon, L., Viertel, D., "GIS Modeling of Fixed Carbon & Carbon Dioxide Sequestration from Greenscape Biomass, at Eastern Illinois University," Illinois Geographical Society, April 28-30, 2011, Western Illinois University, Macomb, IL.

Naso, S.M., Happ, J., Reynolds, J. "Snow's Cholera Revisited: An Integrative Learning Experience in Spatio-Statistical Analysis," Illinois State Academy of Science, 104th Annual Meeting, April 9, 2011, Eastern Illinois University.

2010

Di Naso, S.M., Gutowski, V.P., Carter, M.L., Lemmon, L., "A Model for the Analysis of Fixed Carbon & Carbon Dioxide Sequestration from Tree Biomass, An Integrative Learning Exercise in Applied Geographic Information Science," Indiana State University Earth Day Celebration, April 29, 2010, Terre haute, IN.

Di Naso, S.M., "Snow's Cholera Revisited: An Integrated Learning Experience in Geospatial Statistical Analysis," Illinois Geographic Information Systems Association, April 18-19, 2010, Champaign, IL.

2009

Gutowski, V. P., Di Naso, S.M., "Effects of Bendway Weirs on Channel Geomorphology, Ten Years after Installation," 1999 – 2009. Annual Meeting of the West Lakes Division of AAG, McAlester College, St. Paul MN Oct. 29 -30, 2009.

2008

Gutowski, V.P., Di Naso, S.M, Osterman, D.J., and Fisher, R. U., "Effects of Stream Bank Stabilization on Channel Geomorphology and Fish Population, 1998 – 2006", Annual Meeting of the West Lakes division of the Association of American Geographers, Bloomington, IN, November 13 – 15, pp 27-28.

Di Naso, S.M., Gutowski, V.P., Dove, David, Dove, Donald, "Anasazi Red Ware of the Northern San Juan: A Spatio-Compositional Study using ICP-MS and ArcGIS" Annual Meeting of the West Lakes division of the Association of American Geographers, Bloomington, IN, November 13 – 15.

Di Naso, S.M., Gutowski, V.P. "Determining Geochemical Signatures of Geologic Materials for Establishing Provenance of Anasazi Red and Gray Wares Using ESEM-EDS and ICP-MS, Champagne Springs Ruins, Colorado, Meeting: North-Central Section - 42nd Annual Meeting (24–25 April 2008).

Henson, Harvey Jr, Di Naso, S.M., Gutowski, V.P., Cobb, D.E., and Aneesa, L. "A Multidisciplinary Geological, Geophysical, and Archaeological Approach to Relocate the Missing Strahan Cemetery," North-Central Section - 42nd Annual Meeting (24–25 April 2008).

2006

Henson Jr., H., Lehman, A., Gutowski, V., Di Naso, S., "Locating the Lost Strahan Cemetery Using Non-invasive Geological and Geophysical Remote Sensing Techniques," Illinois State Academy of Science Annual Meeting, March 2006.

2005

Di Naso, S. M., Henson, H., Dove, D., Gutowski, V. P., "GISci and Geophysical Mapping Technologies Applied to Archaeological Investigations at Mitchell Springs Ruins, Southwestern Colorado," Annual Meeting of the Illinois State Academy of Science, Galesburg, IL, April 8 – 9.

Di Naso, S. M., Eastern Illinois University, Dept. of Geology/Geography, "NOAH – an Automated GIS tool for the Modeling, Reconstruction, and Impact Analyses of Floodwater Reservoirs on Urbanizing Watersheds," ESRI International Users Conference, 2nd Place, International Model Builder Competition Winner, July 25 - 29, 2005, San Diego, CA.

2004

Gutowski, V.P. Henson Jr., H., Di Naso, S.M. Eastern Illinois University, "A Precision, Non-invasive Survey of Pueblo Ruins in Southwest Colorado" abstract submitted for the 100th Annual meeting of the AAG, 14-19 March 2004 Philadelphia, PA.

Gutowski, V.P., Osterman, D.J., Blakley, G., Kirkham, K., and Di Naso, S.M. "A Possible Proboscidean Trackway in Farmdalian Sediments in East-Central Illinois" 48th Annual Meeting of the West Lakes Division of the Association of American Geographers, October 9-11, Kenosha, Wisconsin.

1995

Gutowski, V.P. Wallace, R., and Di Naso, S.M. "The Use of Total Stations and Computers in Geology Field Camp," Annual Meeting of the Geological Society of America, October 28-31, Denver, CO, p. 329.

PRESENTATIONS

- Di Naso, S.M. "Searching for Lost Graves: A Sexton's Guide." 94th Annual Fall Conference, ICFHA. Oct 20, 2022. **2022**
- Di Naso, S.M. "Geomatics, Applied Geoscience, and Geophysical Investigations at the Homestead Site – AZ O:5:155(ASM), Simonton Ranch Property." Verde Valley Archaeology Center, Camp Verde, Yavapai County, AZ. May 2016. **2016**
- Foster, Gary S., William E. Lovekamp, and Steven M. Di Naso. "Cades Cove Disclosed: An Empirical Reconstruction of Community Via Its Cemeteries" Great Smoky Mountains National Park Science Colloquium. March 17th, 2016, Gatlinburg, TN. **2015**
- Di Naso, S.M., Gutowski, V.P., Livermore, W., Akbarimoghaddam, Ali, Alford, A., "An Aerometric Survey of the Charleston Side Channel Reservoir Using High-Resolution Unmanned Aerial Systems and High-Accuracy / High-Precision Geodetic Control," ILGISA Fall Conference, September 15th, 2015, Springfield, Illinois
- Di Naso, S. M., Parker Pioneer Burial Ground Historic Preservation & Mapping Initiative, 'Quanah and Cynthia Ann Parker: The History and the Legend' Exhibit and Program Series, Presented at Booth Library, Eastern Illinois University, February 20th, 2015. **2014**
- Di Naso, S. M., Herrin Massacre - 11.12.13 - Discovery of the Victims, Illinois Municipal Arc Users Group, iMAUG, Village of Algonquin, November 5th, 2014.
- Di Naso, S.M. "Searching for Antonio Molkovich, et al...A Spatiotemporal Forensics Initiative Using Applied GIS," ILGISA Spring Conference, April 18-19, 2012, Champaign, Illinois. **2011**
- Di Naso, S.M. "Integrative Learning in the Geospatial Sciences," 38th Annual Community College Articulation Conference, Eastern Illinois University, September 20, 2011. **2010**
- Di Naso, S.M. "Global Positioning Systems, Geographic Information Systems, and U.S.D.A. Soils Data Resources for use in Geophysical Exploration," GEOL 518: Soils Genesis & Classification class, April 22, 2010, Indiana State University.
- Di Naso, S.M. "A Model for the Analysis of Fixed Carbon & Carbon Dioxide Sequestration from Tree Biomass, An Integrative Learning Exercise in Applied Geographic Information Science," GEOG 711: Conservation and Sustainability, Indiana State University, April 29, 2010, Terre haute, IN.
- Di Naso, S.M. "Searching for the Lost Strahan Cemetery," Arc Users of Greater Illinois AUGI, February 19, 2010. **2009**
- Di Naso, S.M. GIS Day November 18th, 2009, City of Decatur, Illinois: Keynote Speaker

ILLUSTRATED PAPERS

- Vincent P. Gutowski, Steven M. Di Naso, D. Osterman, and M. Sweeney, "Effects of Using Bendway Weirs for Streambank Stabilization in the Embarras River, East Central Illinois", 98th Annual Meeting of the Association of American Geographers, New Orleans, LA, April 4th. **2003**
- Mundell, J.A. Byer, G.B. Henson Jr., H., Gutowski, V.P., Di Naso, S.M., Dove, D. Mitchell Springs Ruins, Cortez, CO. "The Use of Geophysical Surveys of Archeological surveys for Archaeological Excavation Planning at the Mitchell Springs Ruins in Cortez, Colorado." **2002**

GRANTS, CONTRACTS, AND COMMUNITY SERVICE

Total Contracts and Grant Funds applied \$ 939,992, awarded, \$ 899,692 (95.7%) – only RPA grants listed below.

Di Naso, S.M., Pana Cemetery Association, "Searching for the Victims of the 1899 Pana Massacre". National Geographic Level I Grant, National Geographic Level I Grant, \$20,000. Pending.	2024
Di Naso, S.M., Pana Cemetery Association, "Recovery and Identification of the 1899 Pana Riot Victims, Pana, Illinois". U.S. Department of the Interior, 54 U.S.C. § 305304 Preservation Grants, Funding Opportunity Number P23AS00145, 2023 Preservation Technology and Training Grants, \$20,300. Not Funded.	2022
Di Naso S.M., "Cochran's Grove Cemetery Aerometric Mapping, Remote Sensing & GIS Initiative, Phase III \$2,490.	
Di Naso S.M., Greenup Cemetery "Cemetery Interment Inventory and Aerial Reconnaissance Survey", \$4,000.	
Di Naso S.M., Mount Zion Cemetery "Unmarked Burials, Cemetery Interment Inventory and Aerial Reconnaissance Survey", \$8,880.	
Di Naso, S.M., Baughman, K., Zion Cemetery Association, "Phase I Zion Cemetery Mapping Project, Identification of Grave Space Utilization and Unmarked Interments" \$8,800.	2021
Colorado State Historical Fund – Archaeological Assessment Grant, "Phase II of the San Juan Red Ware Sourcing and Exchange Project," \$35,000 (Dove, D.M. and Di Naso, S.M). February 2018.	2018
S. M. Di Naso, Gutowski, V. P. City of McLeansboro, IL, "Old McLeansboro Cemetery - Suspect Graves Identification Project," Contractual agreement, \$825.	2015
Di Naso S.M., Lovekamp, W.E., Gutowski, V.P., "Ultra High Speed, High-Definition, Low-Noise, Three-Dimensional Digital Scanning of Cades Cove Historic Cemeteries," NPS P14AS00347, 2015 Preservation Technology and Training Grant, Department of the Interior, National Park Service, (\$25,000 submitted, not approved).	2014
Di Naso S.M., Lovekamp, EIU Faculty Support Grant, "Parker Pioneer Burial Ground Historic Preservation and Mapping Initiative," \$750.	
Di Naso S.M., City of Herrin, "Herrin City Cemetery Mapping Initiative Proposal" \$17,600.	
Di Naso S.M., City of Herrin, "Cemetery Block 15, 41, and 42 Lot Assessment & Lost Graves Proposal" \$4,700.	
Di Naso S.M., City of Decatur, "Proposal for the Improvement and Implementation of the City of Decatur EIU NASSCO-Compliant MACP-PACP GIS Utilities Model," \$3,960.	
Di Naso S.M., and Gutowski, V. P., "Cochran's Grove Cemetery Mapping GIS Initiative, Phase II \$4,950.	2012
Di Naso, S.M., Vincent and Pamela Gutowski Excellence in Research Reward, "Characterization of a Pueblo I Resource Catchment: A Geochemical and Spatio-Compositional Analysis of the Blanding Tract for Application in the Interaction Hypothesis" \$1000.	
Di Naso S.M., and Gutowski, Charleston Cemeteries, Incorporated, "Roselawn and Mound Cemetery GIS Mapping Initiative" - GPS Amendment (Phase II contract pending), \$5,550.	2011
Di Naso, S.M. and V.P. Gutowski, Charleston Cemeteries, Incorporated, "Roselawn and Mound Cemetery GIS Mapping Initiative", \$4,450.	2010

Gutowski, V.P. and S.M. Di Naso, Coles County Regional Planning and Development Commission, "ArcGIS Server Site Host for Public Viewing of County GIS Data, 2010", \$2,000.

Gutowski, V.P., Rose Zeller Excellence in Geography Research Award, "A Compositional Analysis of Jurassic Morrison Formation Shale in the Brushy Basin of Western Utah using ICP-OES and Geographic Information Science", \$2,158.

2007

Gutowski, V.P., Rose Zeller Excellence in Geography Research Award, "An Analysis of Pottery Clay and Temper from Prehistoric Quarry Sites and its Comparison to Fired Pottery from the Same Materials", \$1,228. (Assistance from S.M. Di Naso).

Eastern Illinois University, Council on Faculty Research, Summer Research Award, "Geo-chemical Analysis of Anasazi Pottery", \$4,000.

Gutowski, V. P., Rose Zeller Excellence in Geography Research Award, "Geophysical Survey of the South Ridge of the Champagne Springs Archaeological Site, CO", \$1943.

Gutowski, V. P., and S. M. Di Naso, City of Charleston, "GPS Infrastructure Mapping and GIS Implementation Project", Phase 1, \$25,000.

Di Naso, S.M. Redden Grant, \$1,500.

2005

Gutowski, V. P., Rose Zeller Excellence in Geography Research Award, "Geophysical Survey of the Champagne Springs Ruins", \$1,860. (Assistance from S. M. Di Naso).

Di Naso, S.M. Redden Grant, \$1,500.

2004

Gutowski, V. P., Rose Zeller Excellence in Research Award, "Geophysical Survey of the Dove Creek Archaeological Site", \$1,200. (Assistance from S. M. Di Naso).

EIU TEAM Planning, Implementation and Evaluation Grant, \$15,000 (with J. Stimac).

Colorado State Historical Fund – Archaeological Assessment Grant, "Archaeological Assessment: Champagne Springs PI/PII Prehistoric Village", \$9,890, (with Don Dove, Vince Gutowski, Harvey Henson, Steve Di Naso).

2003

Gutowski, V. P., Rose Zeller Excellence in Research Award, "Precision Survey of the Dove Creek Archaeological Site, Cortez, CO", \$1,577.