

## Curriculum Vitae

**Chad A. Goings**  
**1221 East 3<sup>rd</sup> Street**  
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### Education

**PhD in Geoscience** (in progress – A.B.D.)  
University of Iowa, Iowa City, IA

**MA in Anthropology** (May 2002)  
University of Arkansas, Fayetteville, AR

**BA in Anthropology** (August 1997)  
University of Northern Iowa, Cedar Falls, IA

### Work Experience

**Rolling Hills Consulting Services, LLC**  
1221 East 3rd Street, Washington, IA  
Title: President/Principal Investigator  
2006 to Present  
Duties: President and Principal Investigator

**University of Iowa**  
Department of Geoscience, Iowa City, IA  
Title: Teaching Assistant/Research Assistant  
August 2006 to Present  
Duties: Teaching Environmental Science and Research Assistant  
for USGS STATEMAP project in Iowa

**University of Iowa – Office of the State Archaeologist**  
700 Clinton Street Bldg, Iowa City, IA  
Title: GIS Specialist  
Supervisor: Joe Artz  
June 2004 to September 2006  
Duties: create predictive models for prehistoric archaeological  
site locations using a combination of GIS and statistical software

**Iowa Lakes Community College**  
19 South 17<sup>th</sup> Street, Estherville, IA  
Title: GIS Coordinator/Instructor  
Supervisor: Mary Mohni  
July 2002 to July 2004  
Duties: coordinate two-year GIS program and serve as instructor  
of all GIS courses in program.

**University of Arkansas**

Department of Anthropology, Old Main, Fayetteville, AR

Title: Teaching Assistant

Supervisor: Ken Kvamme

January 2002 to May 2002

Duties: teach archaeology lab as a part of graduate assistantship

**Mid-Continental Research Associates**

16350 Lowell, AR

Title: Crew Chief and Mapping Technician

Supervisor: Robert Lafferty

May 2001 to May 2002

Duties: crew chief on historic/prehistoric site mitigation and conducted mapping of site along with spatial analysis

**Bear Creek Archeology**

Highway 9, Cresco, IA

Title: Crew Chief and GIS/Lab Technician

Supervisor: David Stanley

August 1997 to July 1999

Selected Papers, Presentations and Technical Reports

*A Geographic Information System Model of Prehistoric Mound Location in Iowa.* Journal of the Iowa Archeological Society 57:21–29

*Modeling Prehistoric Mound Locations in Iowa.* Paper presentation at the 2008 Plains Conference in Laramie, WY.

*A Phase IA Archaeological Reconnaissance Survey for the Proposed Buffalo Creek Wind Farm in Township 92 North, Range 22 West and Township 93 North, Range 22 West, Franklin County, Iowa.* RHCS#7

*A Phase I Cultural Resource Survey for Two Proposed Bridge Replacements in the South ½ of Section 29 and the North ½ of Section 32, Township 93 North, Range 19 West, Franklin County, Iowa.* RHCS#6b

*A Phase I Cultural Resource Survey for Two Proposed Bridge Replacements in the NE ¼ of Section 27, NW ¼ of Section 26, SW ¼ of Section 23, SE ¼ of Section 22, Township 90 North, Range 19 West, Franklin County, Iowa.* RHCS#6a

*Modeling Limestone Resources using Geographic Information Systems (GIS) for the Bangs Property, Alden, Iowa.* RHCS#5

*Modeling Limestone Resources using Geographic Information Systems (GIS) for the Alden, Iowa Plant.* RHCS#3

*A Phase IA Reconnaissance Survey for a Proposed Quarry Pit in Township 84 North, Range 8 West, Sections 26 and 27, Linn County, Iowa. RHCS#2*

*A Phase I Cultural Resource Investigation for a New Ethanol Facility in Township 79 North, Range 16 West, Section 9, Poweshiek County, Iowa. RHCS#1*

*GIS Modeling Supplement to A Phase IA Archaeological Resources Assessment of Proposed Xenia Service Areas in Calhoun, Humboldt, and Wright Counties, Iowa (co-authored with Joe Artz and Melanie Riley). 2006 Contract Completion Report 1464, General Contracts Program, Office of the State Archaeologist.*

*Assessing Visibility between Prehistoric Mound Groups and a Proposed Cell Tower Near Harpers Ferry, Iowa. 2006 Contract Completion Report, General Contracts Program, Office of the State Archaeologist.*

*Appendix A: Geospatial and Morphological Analysis of Stone Feature Data from the West Mine Area, Coteau Properties, Mercer County, North Dakota. Submitted to Ethnoscience, Inc., Billings, Montana. (with Joe Artz)*

*Phase IA Archaeological Survey of the Proposed Midwest Manufacturing RISE Application Area in Pottawattamie and Shelby Counties, Iowa. 2006 Contract Completion Report, General Contracts Program, Office of the State Archaeologist.*

*Mapping a Path to Iowa's Prehistoric Past. Poster Presentation at the 2006 MAGIC GIS Symposium in Kansas City, MO.*

*Modeling Prehistoric Site Locations in Iowa. Paper presentation at the 2005 IGIC Conference in Ames, IA.*

*A Phase I Cultural Resources Survey of the Proposed Vender Velde Bridge Replacement, Summit Township, O'Brien County, Iowa. Prepared for the O'Brien County Engineer as a private consultant in April, 2004.*

*A Predictive Model for Lithic Resources in Iowa. Plains Anthropologist, Volume 48: Number 184, February 2003*

*Chert Outcrops and Site Location in Iowa. Paper presentation at the 2001 Society for American Archaeology Conference in New Orleans, LA. (with Joe Artz).*

*A Phase I Cultural Resources Survey of the Proposed Southwest Iowa Egg Cooperative Caged-Lager Production Unit,*

*Associated Reservoir, and Waterline, Victoria Township, Cass County, Iowa. Bear Creek Archeology (BCA#633), April 1998*

#### Technical Experience

ArcGIS 10, Arcview 3.3, ArcInfo Workstation, Spatial Analyst, 3D Analyst, Geostatistical Analyst, Survey Analyst, ArcPad, Model Builder, ArcObjects, Visual Basic, VBA in ArcGIS, MapObjects, AutoCAD, IDRISI, Surfer, Matlab, S-Plus, ERDAS Imagine, PCI, Corel Draw, Corel Photopaint, Sokkia Total Stations, Trimble and Leica Differential GPS systems, Geoscan RM-15 Soil Resistivity Meter, GSSI SIR-2000 Ground Penetrating Radar, Geoscan FM-36 Fluxgate Gradiometer

#### Workshops and Courses Taken

Advanced LIDAR Workshop (UNI – 2007), GPS into GIS: Advanced GPS Workshop (UNI-2007), Introduction to VBA Programming with ArcObjects (UNI-2007) Soils: Genesis and Landscapes (Lakeside Labs – 2006), LIDAR Workshop (UNI - 2006), Introduction to ArcGIS Survey Analyst (ESRI online – 2003), Working with Survey Data in ArcGIS (ESRI online – 2003), Working with ArcPad (ESRI online – 2003), Learning ArcGIS 8 Spatial Analyst (ESRI online – 2003), Advanced Applications of Remote Sensing (UNI - 2002), Introduction to Visual Basic for ESRI Software (ESRI online - 2002), Interpreting Archaeological Ground Penetrating Radar Data (Arkansas – 2001), An Introduction to ArcView GIS (ESRI Minneapolis - 1998)

#### Professional Memberships

Iowa Geographic Information Council  
Association of Iowa Archaeologists  
American Quaternary Association  
Iowa Archeological Society  
Geological Society of Iowa  
Soil Science Society of America

#### Short List of College Courses Taught (\* means taught online)

Physical Geology – Kirkwood Community College  
Environmental Science – University of Iowa  
Cultural Anthropology - Kirkwood Community College  
GIS Applications II – Iowa Lakes Community College  
Digital Cartography – Iowa Lakes Community College  
Intro. To GPS – Iowa Lakes Community College\*