

Nicholas Schmitz
Research Assistant
Real Estate & Land Use Economics
Real Estate Research Center
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Education

University of Nebraska Omaha, NE
Master of Arts Real Estate and Land Use Economics May 2008
GPA 3.67
Activities: Rho Epsilon Real Estate Fraternity

North Dakota State University Fargo, ND
Bachelor of Science Natural Resources Management December 2006
Physical Resources Emphasis: Minor in Soil Science & Geology
Honors: Magna Cum Laude (GPA: 3.75) Deans List 6 of 7 Semesters
Activities: Bison Bowhunters Treasurer Fall 2004 to Spring 2006

Minnesota State University Mankato, MN
Post Secondary Enrollment (20 Credits) May 2003
GPA 3.85

Selected Course Work

Geographic Information Systems (Intro & Advanced)
Microclimatology
Soil Genesis and Survey
Econometrics & Applied Regression Models
Microeconomic Theory

Computer Proficiency

ArcGIS Desktop 9.2 with ArcINFO Workstation
AutoDesk Map 2005 with SurvCAD & Tsunami
ArcView 3.2
Stata 9
Adobe Photoshop

Relevant Work Experience

University of Nebraska at Omaha (**Current Position**) Omaha, NE
Real Estate Research Center May 2006 to Present
Research Assistant

North Dakota State University Fargo, ND
Department of Agribusiness and Applied Economics February 2005 to December 2006
Research Assistant

Falkirk Mining Company a North American Coal Subsidiary Underwood, ND
Coal Exploration May 2005 to August 2005
Geologic Engineering Co-op

Jadd Seppmann and Sons LLP Mankato, MN
Well Drilling and Septic Systems Summer 2003 and 2004
Drillers Assistant

Refereed Journal Articles

Shultz, S., N.Schmitz, and J Leitch. 2007. "A Spatial Evaluation of Agricultural Property Tax Inequity Associated with Productivity-Based Assessments." *Journal of Property Tax Assessment and Administration*, 3(3).

Papers presented at professional meetings

Shultz, S. and N. Schmitz. 2007. "The Impact of Rural Water Supply Systems on Property Values." Paper Presented: Universities Council on Water Resources/ National Institute of Water resources Annual Conference: *Hazards in Water Resources*. Boise Idaho, July 24-26, 2007.

Shultz, S. and N. Schmitz. 2007. "Using Spatial Information on Land Values in Targeting Conservation Practices." Paper Presented: *Heartland Region "Targeting Critical Areas for Implementation of BMPs" Workshop*, June 5 - 7, 2007.

Shultz, S. and N. Schmitz. 2007. "Modeling Neighborhood Level Price Appreciation: A Comparison of Methods and Levels of Spatial Scale" Paper Presented: *American Real Estate and Urban Economics Association 35th Annual Mid-Year Meeting*, May 29-30, 2007. Washington DC.

Shultz, S. and N. Schmitz. 2007. "Augmenting MLS Data to Improve Hedonic Estimates of Golf Course Values" Paper Presented: *The American Real Estate Society 23rd Annual Meeting*, April 12-14, 2007.

Shultz, S. and N. Schmitz. 2007 "Neighborhood Price Appreciation and Single-Family Mortgages." In Omaha (2000-2006). *NIFA 5th Annual Affordable Housing Deal Maker's Marketplace*. January 24, 2007.

Shultz, S. and N. Schmitz. 2007. "Using Spatial Information on Land Values in Targeting Conservation Practices." Paper Presented: *Heartland Region "Targeting Critical Areas for Implementation of BMPs" Roundtable*, Jan 9-10, 2007.

Schmitz, N. and S. Shultz, 2006. "A GIS-based Approach to Target Low Cost Agricultural Land Sensitive to Degradation." Paper presented: *Managing Agricultural Landscapes for Environmental Quality*. Soil and Water Conservation Society, Oct 11-13 2006.

Shultz, S. and N. Schmitz, 2006. "Improving the cost-effectiveness of USFWS wetland easements through the mapping of agricultural land values across landscapes." Paper presented: *Managing Agricultural Landscapes for Environmental Quality*. Soil and Water Conservation Society, Oct 11-13 2006.

Shultz, S. and N. Schmitz, 2006. "The Value of Irrigation in the Republican Watershed Based on Site-Specific Details of Sold Agricultural Land (2000-2005)." Paper presented at the *2006 UNL Water Colloquium*, 2006.Oct 5-7.

Posters Presented At Professional Meetings

Schmitz N. and S. Shultz, 2007. "A Geo-Spatial Analysis of Single Family Mortgage Lending in Omaha" Poster presented at the *2007 Nebraska GIS Symposium*. Apr 3-5.

Schmitz N. and S. Shultz, 2007. "Predicting Parcel Level Irrigation Values for Cost Effective Irrigation Retirement in The Republican Watershed" Poster presented at the *2007 Nebraska GIS Symposium*. Apr 3-5.

Shultz, S. and N. Schmitz, 2006. "Single-Family Housing Price Trends" Poster presented at the *2006 UNL Water Colloquium*. Oct 5-7.

Shultz, S. and N. Schmitz, 2006. "A Synopsis of Nebraska-Wide Real Estate Research at the University of Nebraska-Omaha" Poster presented at the *2006 UNL Water Colloquium*. Oct 5-7.

Work Shops Attended

Heartland Regional Water Coordination Initiative. June 5 - 7, 2007. **Targeting Critical Source Areas for Implementation of BMPs**. Nebraska City, NE. [By Invitation Only]

The Nebraska State Data Center. May 31, 2007. **Overview of the American Community Survey**.

Ron Bruder, Applied Data Consultants, Inc. April 3, 2007. **Exploring ESRI Geodatabases**. Omaha, NE

Douglas County Environmental Services. February 28, 2007. **Low impact Development Storm water Best Management Practices and Conservation Design Land Development Workshop**. Omaha, NE.

Working Papers & Ongoing Research

The Impact of the Conservation Reserve Program on the Sale Price of Agricultural Land

Augmenting Housing Sales Data to Improve Hedonic Estimates of Golf Courses

The Impact of Omaha Area Lakes/Reservoirs on Residential Property Values

Incorporation of Open Space in Residential Subdivisions: Effects of Low Impact Development on Single Family Housing Values

Modeling Neighborhood Price Appreciation: A Comparison of Methods and Levels of Spatial Scale

The Impact of Rural Water Supply Systems on Property Values

On Measuring Differentiated Values of Productive Capacity for Agricultural Land Using Spatially Explicit Real Estate Transaction Data: Irrigation in the Republican Watershed

Improving Estimates of the Value of Irrigated Land in the Republican Watershed: Consideration of Non-Real property Transactions

Payment Incentives Required for Irrigation Retirement Programs