

**CHRISTOPHER BITTER**  
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## **QUALIFICATIONS SUMMARY**

- Ten years experience in high-level real estate and urban economic research
- Exceptional writing, presentation, and quantitative analytical skills
- Proven ability to manage teams and complex projects
- Expertise with GIS, relational databases, and statistical software

## **EDUCATION**

*The University of Arizona, Tucson, Arizona*

**Ph.D.** in Geography (2008)

Minor: Agricultural and Resource Economics

Areas of specialization: urban, economic and population geography; housing markets; locational analysis; and quantitative analytical techniques

Dissertation: *Geography, housing prices, and interregional migration*

**M.A.** in Geography (1996)

*The University of Michigan, Ann Arbor, Michigan*

**A.B.** in Anthropology (1990)

## **REAL ESTATE AND URBAN ECONOMIC RESEARCH EXPERIENCE**

*Consultant, Tucson, Arizona (2007 to present)*

- Currently engaged by a prominent real estate investment trust to develop econometric forecasting models for the warehouse property sector.

*RREEF, San Francisco, CA and New York, NY (2000-2004)*

*Senior Manager, Real Estate and Economic Research*

- Established and managed RREEF's New York Research Department with primary responsibility for East Coast market coverage. Recruited, trained, and managed research staff.
- Analyzed urban economies and development trends, and prepared five-year forecasts of supply, demand, and rental rate growth in support of strategic planning, portfolio management, and property acquisition decisions (office, industrial, apartment, and retail property sectors).
- Prepared real estate strategy white papers and assisted in the preparation of baseline property market forecasts and strategic economic and market outlooks.
- Presented RREEF Research qualifications and strategic outlooks to existing and prospective clients.

The Dorchester Group, Scottsdale, AZ (1996-2000)

*Senior Analyst/Project Manager*

- Managed large-scale litigation support projects involving complex property valuation issues. Developed work plans, prepared budgets, managed professional staff, and coordinated work with other expert firms.
- Performed economic, demographic, and real estate market analyses relating to commercial, residential, and land valuation dynamics. Developed hedonic models to quantify the impact of environmental externalities on property values.
- Prepared reports and critiqued reports and analyses of opposing expert witnesses.
- Developed sophisticated geographic information systems and large-scale relational databases to integrate, visualize, and analyze economic, property, and real estate transaction data.

## **TEACHING EXPERIENCE**

The University of Arizona, Tucson, AZ (2005-present)

*Adjunct Lecturer/Instructor*

- Instructed over 400 students on the principals and applied applications of urban and economic geography.
- Developed course materials, lectured, and evaluated student performance.

## **PUBLICATIONS**

Bitter, Christopher, Gordon F. Mulligan, and Sandy Dall'erba. 2007. Incorporating spatial variation in housing attribute prices: a comparison of geographically weighted regression and the spatial expansion method. *Journal of Geographic Systems* 9: 7–27.

Plane, David A., and Christopher Bitter. 1997. The role of migration research in regional science. *Papers in Regional Science* 76: 133–153.

Bitter, Christopher, and David A. Plane. Migration, housing prices, and stage in the life course, (Under Review).

Bitter, Christopher. Valuing location-specific externalities: do spatial effects matter? (Under Review).

Carruthers, John I., Gordon F. Mulligan, and Christopher Bitter. Place, space, and the evolution of housing values in the United States. (Under Review).

## **PROFESSIONAL AFFILIATIONS**

American Real Estate Society  
Association of American Geographers  
Regional Science Association International  
Urban Land Institute  
Western Regional Science Association