

VITA

Patricia Gober

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ACADEMIC TRAINING:

Ph.D. 1975 Ohio State University
M.A. 1972 Ohio State University
B.S.Ed. 1970 University of Wisconsin, Whitewater

AREAS OF SPECIALIZATION:

Population Geography
Urban Geography
Migration
Urban Environment
Decision Making Under Uncertainty
Water Resource Management

PROFESSIONAL APPOINTMENTS

2008-present Professor, School of Sustainability, Arizona State University

2007-present Distinguished Honors Faculty, Barrett the Honors College at Arizona State University

2004-present Co-Director, Decision Center for a Desert City, Global Institute of Sustainability, Arizona State University

2003-present Policy Research Associate, Morrison Institute for Public Policy, Arizona State University

Fall 1992 Visiting Professor, Department of Geography, University College London

1985 - 1991 Chair, Department of Geography, Arizona State University.

- 1984 - 1985 Acting Chair, Department of Geography, Arizona State University.
- 1985 - present Professor of Geography, Arizona State University.
- 1980 - 1985 Associate Professor of Geography, Arizona State University.
- 1975 - 1980 Assistant Professor of Geography, Arizona State University.
- 1972 - 1973 Research Geographer, Battelle Memorial Institute, Columbus, Ohio.
- 1971 - 1975 Graduate Teaching Associate, Ohio State University.
- 1970 - 1974 Research Fellow, Ohio State University.

BOOKS:

Patricia Gober. 2006. *Metropolitan Phoenix: Place Making and community Building in the Desert.* Philadelphia: University of Pennsylvania Press, 233 pp.

Michael Kuby, John Harner, and **Patricia Gober.** 2007. *Human Geography in Action* (Fourth Edition). New York: Wiley, 528 pp.

Michael Kuby, John Harner, and **Patricia Gober.** 2004. *Human Geography in Action* (Third Edition). New York: Wiley.

JOURNAL ARTICLES:

Patricia. Gober, Craig Kirkwood, Robert C. Balling, Jr., Andrew W. Ellis, and Stephanie Deitrick. Analyzing and visualizing the uncertain impacts of climate change for water system risk management: The case of Central Arizona. *Annals of the Association of American Geographers*, in review.

Patricia Gober, Anthony J. Brazel, Soe Myint, Ray Quay, Adam Miller, Steve Rossi, and Susanne Grossman-Clarke. Mitigating urban heat island effects with water- and energy-sensitive urban design. *Journal of the American Planning Association*, in review (revise and resubmit).

K. L. Larson, D. D. White, **P. Gober,** S. Harlan, and A. Wutich. Divergent perspectives on water resource sustainability in a public-policy-science context. *Environmental Science and Policy*, in review.

Subhrajit Guhathakurta and **Patricia Gober.** Linking urban heat islands to water use in Phoenix: A path analysis. *Journal of Planning Education and Research*, in review.

- Seung-Jae Lee, Elizabeth A. Wentz, and **Patricia Gober**. Space-time forecasting using Bayesian Maximum Entropy: A case study in forecasting municipal water demand for Phoenix, Arizona. *Geographical Analysis*, in review.
- Patricia Gober**, Elizabeth A. Wentz, Timothy Lant, Michael K. Tschudi, and Craig Kirkwood. WaterSim: A simulation model for urban water planning in Phoenix, Arizona, USA. *Environment and Planning B*, in review.
- Robert. C. Balling, **Patricia Gober**, and Nancy Jones. 2008. Sensitivity of residential water consumption to variations in weather and climate: An intra-urban analysis of Phoenix, Arizona, *Water Resources Research*, 44 W10401, doi:10.1029/2007WR006722.
- Andrew W. Ellis, Timothy W. Hawkins, Robert C. Balling Jr., and **Patricia Gober**. 2008. Estimating future runoff levels for a semi-arid fluvial system in Central Arizona. *Climate Research*, 33: 171-182.
- Seung-Jae Lee, Robert C. Balling, Jr., and **Patricia Gober**. 2008. Bayesian maximum entropy mapping and the soft data problem in urban climate research. *Annals of the Association of American Geographers*. 98(2): 309-322.
- Subhrajit Guhathakurta and **Patricia Gober**. 2007. The impact of urban heat islands on water use: The case of Phoenix Metropolitan Area. *Journal of the American Planning Association* 73(3): 317-329.
- Patricia Gober**. 2007. Pasteur's Quadrant and the Education of an Applied Geographer, *Research in Geographic Education* 9(1): 36-43.
- Elizabeth A. Wentz and **Patricia Gober**. 2007. Determinants of small-area water consumption in the City of Phoenix, Arizona USA. *Water Resources Management* 21(4): 1849-1863.
- Robert C. Balling, Jr. and **Patricia Gober**. 2007. Climate variability and residential water use in Phoenix, Arizona. *Journal of Applied Meteorology and Climatology* 46(7): 1130-1137.
- Anthony Brazel, **Patricia Gober**, Seung-Jae Lee, Susanne Grossman-Clarke, Joseph Zehnder, Brent Hedquist, and Erin Comparri, 2007. Dynamics and determinants of urban heat island change (1990-2004) in Phoenix, Arizona USA. *Climate Research* 33: 171-182.
- Elizabeth K. Larson, Nancy B. Grimm, **Patricia Gober**, and Charles L. Redman. 2005. The paradoxical ecology and management of water in the Phoenix, USA metropolitan area. *Journal of Ecohydrology and Hydrobiology* 5(4): 287-296.
- Patricia Gober** and Stanley D. Brunn. 2005. Introducing voices in the AAG's second century. *The Professional Geographer* 56(1): 1-3.

- Canfei He and **Patricia Gober**. 2004. Gendering interprovincial migration in China. *International Migration Review* 37(2): 1220-1251.
- Kevin E. McHugh, **Patricia Gober**, and Daniel Borough. 2002. The Sun City Wars: Chapter 3. *Urban Geography* 23(7): 627-648.
- Patricia Gober**. 2002. Urban Geography in the 1970s: The Comparative Metropolitan Analysis Project. *Urban Geography* 23(6): 423-432.
- Kevin E. McHugh, **Patricia Gober**, and Daniel Borough. 2002. The Sun City Wars: Chapter 3. *Urban Geography* 23(7): 627-648.
- Elizabeth A. Wentz, **Patricia Gober**, Robert C. Balling, and Thomas A. Day. 2002. Spatial patterns and determinants of carbon dioxide in an urban environment. *Annals of the Association of American Geographers* 92(1): 15-28.
- Thomas A. Day, **Patricia Gober**, Fusheng S. Xiong, and Elizabeth A. Wentz. 2002 Temporal patterns in near-surface CO₂ concentrations over contrasting vegetation types in the Phoenix metropolitan area. *Agricultural and Forest Meteorology* 2997: 1-17.
- Patricia Gober** and Elizabeth K. Burns. 2002. The size and shape of Phoenix's urban fringe. *Journal of Planning Education and Research* 21: 394-405.
- Patricia Gober**. 2001. Essential geography content for K-12. *2001 Yearbook of the Middle States Council for Social Studies* ISSN 0739-8069: 64-77.
- Patricia Gober**. 2000 Immigration and North American cities. *Urban Geography* 21(1): 83-90.
- Patricia Gober**. 2000. In search of synthesis. *Annals of the Association of American Geographers* 90(1): 1-11.
- Patricia Gober** and Elizabeth K. Burns. 1998. Why job linkages won't work in Phoenix. *Applied Geographical Studies* 2(1): 1-16.
- Elizabeth K Burns and **Patricia Gober**. 1998. Job linkages in inner-city Phoenix. *Urban Geography* 19(1): 12-23.
- Patricia Gober**. 1997. The role of access in explaining state abortion rates. *Social Science and Medicine* 43: 1003-1016.
- Patricia Gober**, Charles F. Jeffery, and Kevin E. McHugh. 1996. Using moving-industry data to depict U.S. migration patterns. *Growth and Change* 27: 231-251.

- Patricia Gober**, Amy Glasmeier, James Goodman, David Plane, Howard Stafford, Joseph Wood. 1995. Employment conditions in geography, Part 1: Enrollment and degree trends. *The Professional Geographer* 47 (3): 317-28.
- Patricia Gober**, Amy Glasmeier, James Goodman, David Plane, Howard Stafford, Joseph Wood. 1995. Employment conditions in geography, Part 2: Current demand conditions. *The Professional Geographer* 47 (3): 329-336.
- Patricia Gober**, Amy Glasmeier, James Goodman, David Plane, Howard Stafford, Joseph Wood, 1995. Employment conditions in geography, Part 3: Future demand conditions. *The Professional Geographer* 47 (3): 336-346.
- Patricia Gober**. 1994. Why abortion rates vary: A geographical examination of the supply and demand for abortion services in the United States in 1988. *Annals of the Association of American Geographers* 84 (2): 230-50.
- Patricia Gober**, Kevin E. McHugh, and Denis Leclerc. 1993. Job-rich but housing-poor: The dilemma of a western amenity town. *The Professional Geographer* 45: 12-20.
- Kevin E. McHugh and **Patricia Gober**. 1992. Short-term dynamics of the U. S. interstate migration system, 1980-88. *Growth and Change* 23: 428-45.
- Patricia Gober**. 1992. Urban housing careers. *Progress in Human Geography* 16: 171-89.
- Patricia Gober**, Kevin E. McHugh, and Neil Reid. 1991. Phoenix in flux: Household instability, residential mobility, and neighborhood change. *Annals of the Association of American Geographers* 81: 80-88.
- Kevin E. McHugh, **Patricia Gober**, and Neil Reid, 1990. Structural forces, residential satisfaction, and mobility expectations. *Demography* 26: 81-95.
- Patricia Gober**. 1989. The urbanization of suburbs. *Urban Geography* 10: 311-15.
- Patricia Gober**. 1988. Sunbelt urbanisation: A regional development perspective. *Australian Journal of Regional Studies* 1: 61-80.
- John Pickus and **Patricia Gober**. 1988. Urban villages and activity patterns in Phoenix. *Urban Geography* 9: 85-97.
- Patricia Gober**. 1986. How and why Phoenix households changed: 1970-1980. *Annals of the Association of American Geographers* 76: 536-49.
- Patricia Gober**. 1986. Homogeneity versus heterogeneity in household structure: The recent experience of 20 U. S. cities. *Environment and Planning A* 18: 715-27.

- Patricia Gober.** 1985. Large-scale residential segregation of the elderly: The case of Sun City. *Journal of Geography* 84: 189-98.
- Patricia Gober.** 1984. Regional convergence versus uneven development: Implications for Sunbelt SMSAs. *Urban Geography* 5: 130-145.
- Patricia Gober** and Robert C. Mings. 1984. A geography of nonpermanent residence in the United States. *The Professional Geographer* 36: 164-173.
- Patricia Gober** and Leo E. Zonn. 1983. Kin and elderly amenity migration. *The Gerontologist* 23: 288-94.
- Patricia Gober** and Michelle Behr. 1982. Central cities and suburbs as distinct place types: Myth or fact. *Economic Geography* 58: 371-85.
- Michelle Behr and **Patricia Gober.** 1982. When a residence is not a home: Examining residence-based migration definitions. *The Professional Geographer* 34: 178-84.
- Patricia Gober.** 1981. Falling household size and its effect on metropolitan population growth and density. *Annals of Regional Science* 14: 1-10.
- Patricia Gober** and Rena Gordon. 1980. Intra-urban physician location: A case study of Phoenix. *Social Science and Medicine* 14: 1-11.
- Patricia Gober.** 1980. The relationship of location, amenities and economic change to net migration in nonmetropolitan counties of the U. S. *Regional Science Perspectives* 10: 10-21.
- Patricia Gober.** 1980. Shrinking household size and its effect on population density patterns: A case study of Phoenix, Arizona. *The Professional Geographer* 32: 55-62.
- Patricia Gober-Meyers.** 1978. Inter-state migration and economic growth: A simultaneous equations approach. *Environment and Planning A* 10: 1241-52.
- Patricia Gober-Meyers.** 1978. Migration analysis: The role of geographic scale. *Annals of Regional Science* 12: 52-61.
- Patricia Gober-Meyers.** 1978. A review of literature dealing with employment motivated migration and economic growth in post-industrial market economies. *Progress in Human Geography* 2: 207-29.

BOOK CHAPTERS, PROCEEDINGS AND OTHER PIECES

- Jonathan Fink and **Patricia Gober**. 2008. Using stakeholder engagement and visualization to aid decision-making about water use in the Middle East. In *Transboundary Natural Resource Governance in Region of Extreme Conditions*, ed. Clive Lipchin and Deborah Sandler. Amsterdam: Springer-Verlag, in press.
- Patricia Gober**. 2008. Climate adaptation and water resource management in Phoenix. *Water Resources Impact* 10(4): 10-13.
- Patricia Gober** (ed.). 2007. Land Use: Challenges and Choices for the 21st Century. 91st Arizona Town Hall Report. Phoenix: Arizona Town Hall.
- Patricia Gober**. 2007. Water, climate and the future of Phoenix. *Geographische Rundschau* 3(4), 20-24.
- Anthony J. Brazel and **Patricia Gober**. 2007. Urban-scale climate change effects on water use. *Southwest Hydrology* 6(5), 10-11.
- Patricia Gober**. 2006. Census. In *Encyclopedia of Human Geography*, ed. Barney Warf. Thousand Oaks, Calif: Sage, 30-31.
- Patricia Gober**. 2006. Census Tract. In *Encyclopedia of Human Geography*, ed. Barney Warf. Thousand Oaks, Calif: Sage, 31-32.
- Patricia Gober**. 2006. Model. In *Encyclopedia of Human Geography*, ed. Barney Warf. Thousand Oaks, Calif: Sage, 305-307.
- Patricia Gober**. 2006. Geography of Population. In *Encyclopedia of Human Geography*, ed. Barney Warf. Thousand Oaks, Calif: Sage, 368-370.
- Patricia Gober**. 2006. Phoenix: The New American City. In *New American City: Artists Look Forward*, eds. Heather Sealy Lineberry and John Spiak. Tempe, Ariz: Arizona State University Art Museum, 11-21.
- Patricia Gober**. 2005. Comparative Metropolitan Analysis Project. In *Urban Geography in America, 1950-2000*, eds. Brian J.L. Berry and James O. Wheeler. New York: Routledge, 2005, 157-170.
- Patricia Gober** and James Tyner. 2004. Population geography. In *Geography in America at the Dawn of the 21st Century*, eds. Gary L. Gaile and Cort J. Willmott. New York: Oxford University Press, 185-99.
- William Graf, **Patricia Gober**, and Anthony J. Brazel. 2001. In memoriam: Melvin G. Marcus, 1929-1997. *Annals of the Association of American Geographers* 91(4): 724-733.

Patricia Gober and Mark W. Rosenberg. 2001. Looking back, looking around, looking forward: A woman's right to choose. In *Geographies of Women's Health*, eds. Isabel Dyck, Nancy Lewis, and Sara McLafferty. New York: Rutledge, 88-104.

Patricia Gober. 2000. Settlement dynamics and internal migration of the U.S. foreign-born population. In *Migration and Restructuring in the United States*, eds. Kavita Pandit and Suzanne Davies Withers. Boulder: Rowman & Littlefield, 231-249.

Mary Jo Waits, Rebecca L. Gau, Mark L. Murro, Tina Valdecanas, Tom R. Rex, Leonard Bower, Elizabeth K. Burns, Lisa DeLorenzo, William Fulton, **Patricia Gober**, John Hall, Alicia Harrison, Alicia, Kent Hill, Glen Krutz, and Scott Scott. 2000. *Hits or Misses: Fast Growth in Metropolitan Phoenix*. Tempe: Morrison Institute for Public Policy.

Patricia Gober. 1998. The demographics of urban growth. In *Arizona Policy Choices*, eds. John Stuart Hall, N. Joseph Cayer, and Nancy Welch. Tempe: Morrison Institute for Public Policy, Arizona State University, pp. 30-36.

Patricia Gober, Elizabeth K. Burns, Kimberly Knowles-Yanez, and Jeffrey James. 1998. Rural to urban land conversion in metropolitan Phoenix. In *Arizona Policy Choices*, eds. John Stuart Hall, N. Joseph Cayer, and Nancy Welch. Tempe: Morrison Institute for Public Policy, Arizona State University, pp. 40-45.

Michael Kuby, John Harner, and **Patricia Gober**. 1998. *Human Geography in Action: A Problem Solving Approach to Human Geography*. New York: Wiley.

Patricia Gober. 1997. *Megalopolis: The future is Now*. In *Ten Geographic Ideas That Have Changed the World*, ed. Susan Hanson. New Brunswick, NJ: Rutgers University Press, pp. 182-202.

Patricia Gober, Amy Glasmeier, James Goodman, David Plane, Howard Stafford, Joseph Wood. 1997. Employment trends in geography: A report to NRC's Rediscovering Geography Committee. In *Rediscovering Geography: New Relevance for Science and Society*. Washington, DC: National Academy Press, 187-217.

Patricia Gober. 1995. Reply to Russell S. Kirby: Methodological issues in abortion research. *Annals of the Association of American Geographers* 85: 585-588.

Patricia Gober. 1993. Americans on the Move. *Population Bulletin* 48 (3): 1-40.

Patricia Gober and Kevin E. McHugh. 1992. Commuting patterns, housing affordability, and residential satisfaction in Sedona's laborshed. In *Sustaining Sedona's Economy: Planning Toward the Year 2000*, eds. John Stuart Hall and K. David Pijawka. Tempe, AZ: ASU School of Public Affairs, 26-44.

William L. Graf and **Patricia Gober**. 1992. Systems, movements, patterns, and cycles. In *Geography's Inner World: Pervasive Themes in Contemporary American Geography*, eds. Ronald F. Abler, Melvin G. Marcus, and Judy M. Olson. New Brunswick, NJ: Rutgers University Press, 234-54.

Patricia Gober. 1990. The urban demographic landscape: A geographic perspective. In *Housing Demography*, ed. Dowell Myers. Madison, WI: University of Wisconsin Press, 232-48.

Stephen E. White, Lawrence A. Brown, William A. V. Clark, **Patricia Gober**, Richard Jones, Kevin E. McHugh, and Richard L. Morrill. 1989. Population geography. In *Geography in America*, eds. Gary L. Gaile and Cort J. Willmott. Columbus, OH: Merrill Publishing Company, 258-289.

Patricia Gober and Kevin E. McHugh. 1988. The urban growth process. In *Urban Growth in Arizona: A Policy Analysis*, ed. Rob Melnick. Tempe, Arizona: Morrison Institute for Public Policy, Arizona State University, 1-42.

Patricia Gober. 1983. Resource development and the evolution of boomtowns in the American West. In *American-German International Seminar, Geography and Regional Policy: Resource Management by Complex Political Systems*, eds. John S. Adams, Werner Fricke and Wolfgang Herden. Heidelberg, FRG: Geographical Institute, University of Heidelberg, 127-145.

Patricia Gober. 1981. Federal policy, migration and the changing geography of the U.S. population. *Texas Business Review* 55: 262-67.

Patricia Gober, Michelle Behr, and Jill Engmark. 1981. *Travel Patterns of Friendship Village Residents: A Comparison of Widows, Elderly Married Women and Men*. SIROW Working Papers Series N. 5. Tucson, Arizona: University of Arizona, 1-16.

Patricia Gober. 1981. Federal policy, migration and the changing geography of the U.S. population. In *Federalism and Regional Development*, ed. George Hoffman. Austin, Texas: University of Texas Press, 293-326.

Patricia Gober. 1980. *An Annotated Bibliography of Population Growth and Migration to Nonmetropolitan Areas of the U.S.* Monticello, Illinois: Vance Bibliographies, 1-30.

Patricia Gober-Meyers. 1975. Selective interstate migration patterns in the U.S.: 1965-1970. *International Geography* 7: 36-9.

Patricia Gober-Meyers. 1975. Interstate migration and per capita income growth, 1965-1970. *Proceedings of the Association of American Geographers* 7: 15-55.

FUNDED RESEARCH AND CONSULTING

Co-Principal Investigator/Program Director. Decision Center for a Desert City Supplement. National Science Foundation, Award ID 0345945. \$500,000, 2008-2010 (with Charles Redman).

Co-Principal Investigator/Program Director. Decision Center for a Desert City Supplement. National Science Foundation, Award ID 0345945. \$75,000, 2007-2009 (with Charles Redman).

Co-Principal Investigator/Program Director. Decision Center for a Desert City: The science and policy of climatic uncertainty. National Science Foundation, Award ID: 0345945. \$6.9 million, 2004-2009 (with Charles Redman, Bob Bolin, Thomas Taylor, and Grady Gammage).

Co-Principal Investigator. Dynamics of an urban carbon dioxide dome. National Science Foundation, \$498,367, 1999-2001 (with Robert Balling, Elizabeth Wentz, and Craig Idso).

Co-Investigator. Central Arizona - Phoenix LTER (Long-Term Ecological Research). National Science Foundation DEB-9714833, \$5.8 million, 1997-2004) with Charles Redman, Nancy Grimm, and others).

Co-Principal Investigator. A hands-on approach to introductory human geography. National Science Foundation DUE-9752794, \$82,000. 1998-2000. (with Michael Kuby).

Co-Investigator. Spatial mismatch. U. S. Department of Housing and Urban Development - COPC (Community Outreach and Planning Center) COPC-AZ-94-0004, \$34,700, 1994-96 (with Rob Melnick and Morrison Institute staff).

Co-investigator. Salt-Gila management policy study. Maricopa County Flood Control District. Phoenix, AZ. 1994-95.

Principal Investigator. An analysis of changes in minority composition in congressional districts as proposed by the Arizona House of Representatives and Senate. Lewis and Roca, Phoenix, AZ, 1992.

Principal Investigator. Household change and residential mobility. Graduate College Research Assistant Program, Arizona State University, \$10,481, 1987-88. (with Kevin E. McHugh)

Principal Investigator. Household reorganization, residential mobility and urban population change. National Science Foundation SES-8215141, \$35,000, 1983-85.

Principal Investigator. Identifying 20 major destinations for elderly migrants in the year 2000. Happy Trails Resorts, Inc., Seattle, WA, 1984.

Principal Investigator. A report on the representativeness of the grand jury selection process in Southern Nevada. Guy Buckley Attorney-at-Law, 1983.

Principal Investigator. Behavioral aspects of migration to Sun City, Arizona. University Research Fund, Arizona State University, \$15,000, 1979-1980. (with Leo Zonn)

Principal Investigator. Shrinking household size and its effect on urban density patterns. Faculty Grant-in-Aid, Arizona State University, \$3,000, 1978.

Principal Investigator. The impact of interregional migration on nonmetropolitan America. Faculty Grant-in-Aid, Arizona State University, \$3,000, 1976.

PROFESSIONAL ACTIVITIES

Member, Committee on Geographical Sciences, National Research Council, 2004-2007.

Member, AAG Centennial Campaign Committee, 2002-present.

Member, AAG Centennial Coordinating Committee, 2000- present.

Member, College Board Advanced Placement Committee for Human Geography, 2001-2006, Chair, 2003-2006.

Member, Study Section on Social Science, Nursing, Epidemiology, and Methods (SNEM-3), National Institutes of Health, 1999-2003.

Member, Joint History/Geography Education Project. 1999-2000, Fordham Foundation and the Grosvenor Center for Geographic Education.

Executive Board, COSSA (Consortium of Social Science Associations), 1998-2001.

Board of Trustees, Population Reference Bureau, 1998-2004; Executive Committee, 1999-2004, Vice Chair, 2001-2004.

Science Advisory Board, National Oceanographic and Atmospheric Administration, 1998-2001; Chair of Subcommittee on Scientific Synthesis and Analysis, 1998-2001.

President, Association of American Geographers (AAG), 1997-98.

Vice President, AAG, 1996-97.

Review Panel, NSF Graduate Fellowships, 1996 and 1997.

Review Panel, NSF National Young Investigators, Social and Economic Sciences, 1994.

AAG Nominating Committee, 1994.

Chair, AAG Employment Forecasting Committee, 1994-1996.

Chair, AAG Human Resources Committee, 1992.

Editorial Board, *Urban Geography*, 1992-present.

Associate Editor, *Annals of the Association of American Geographers*, 1991-1993.

Editorial Board, *Geographical Analysis*, 1990-present.

Review Panel, NSF Presidential Young Investigators, Social and Economic Sciences, 1990.

Guest Editor, *Urban Geography*, Vol. 10, No. 4, 1989.

Chair, AAG Census Advisory Committee, 1988-1990.

AAG Local Arrangements Committee, 1988.

AAG Finance Committee, 1988-1990.

AAG National Councillor, 1986-1989.

Oversight Panel, NSF-Geography and Regional Science Program, 1985.

Australian-American Symposium, Regional Impacts of Population and Structural Change, USA and Australia, Palm Springs, June, 1984.

Editorial Board, AAG Resource Papers, 1984-1986.

Review Panel, NSF-Geography and Regional Science Program, 1983-1985.

AAG Nominating Committee, 1984.

President, AAG Population Specialty Group, 1984-85.

AAG Nystrom Awards Committee, 1981.

American-German International Seminar, National Science Foundation and the Association of American Geographers, Austin, Texas, 1979.

Slavic Studies Summer Seminar in Yugoslavia, Association of American Geographers and the National Science Foundation, Yugoslavia, 1971.

MEMBERSHIPS

Association of American Geographers
Population Association of America
National Council for Geographic Education

HONORS AND AWARDS

Fellow, American Association for the Advancement of Science, February, 2009.

Prince Abdulaziz International Price for Water, Water Resources Management and Protection Division (3rd Award, 2006-2008), November, 2008.

President's Medal for Social Embeddedness, *New American City: Artists Look Forward*, Arizona State University, April, 2007.

Honorary Doctorate of Science, Carthage College, Kenosha, WI, May, 1998.

Outstanding Young Alumni, University of Wisconsin-Whitewater, Whitewater, WI, December, 1977.

BOOK REVIEWS

Society, Action and Space: An Alternative Human Geography by Benno Werlen. *Annals of the Association of American Geographers* 84 (1994), 345-346.

Migration and Residential Mobility: Macro and Micro Approaches by Martin Cadwallader. *Growth and Change*, 24 (1993), 613-615.

Place, Migration, and Development in the Third World: An Alternative View. by Lawrence A. Brown. *Geographical Analysis* 24 (1992), In press.

Sunbelt/Snowbelt: Urban Development and Regional Restructuring. by Larry Sawyers and William K. Tabb. *Urban Geography* 8 (1987), 386-7.

Migration Surveys in Low-Income Countries: Guidelines for Survey and Questionnaire Design. by R. E. Bilborrow, A. S. Oberai, and G. Standing. *Economic Geography* 62 (1986), 191-2.

Introduction to Applied Demography: Data Sources and Estimation Techniques, by Norfleet W. Rives, Jr. and William J. Serow. *Annals of Regional Science* 20 (1986), 95-7.

Women in the Cities of Asia, by James T. Fawcett, Siew-Ean Khoo and Peter C. Smith. *Annals of the Association of American Geographers* 75 (1985), 613-15.

Geographical Perspectives on the Elderly, by A. M. Warnes. *The Professional Geographer* 34 (1982), 481-2.

Regions in Crisis, by John Carney, Ray Hudson, and Jim Lewis. *The Professional Geographer* 33 (1981), 277-8.

A Geography of Europe, by George Hoffman. *Journal of Geography* 78 (1979), 39.

Geography and Inequality, by B.E. Coates, R.J. Johnston, and P.L. Knox. *Journal of Regional Science* 18 (1978), 310-3.

UNIVERSITY ACTIVITIES

2006-2007. School of Geographical Sciences Director Search Committee.

2005-2006. School of Social and Family Dynamics Search Committee, Global Institute for Sustainability Planning Committee, Project Directors Committee, and Ecological Economics Search Committee; College of Liberal Arts and Sciences Committee on Committees.

2004-2005. Department of Geography Personnel Committee, International Institute for Sustainability Faculty Search Committee.

2003-2004. Department of Geography Graduate Program and Personnel Committees, Search Committee for Departmental Chair; Center for Environmental Studies Advisory Committee.

2002-2003. Department of Geography Colloquium Committee, Search Committee for Human Geographer and IT Specialist, Center for Environmental Studies Advisory Committee.

2001-2002. Department of Geography Personnel and Graduate Committees, Search Committee for Human Geographer (Chair), CLAS Requirements Review Committee. Center for Environmental Studies Advisory Committee, LTER Executive Committee.

2000-2001. Department of Geography Personnel and Scholarship Committees, CLAS Requirements Review Committee.

1999-2000. Sabbatical leave.

1998-99. Department of Geography Ph.D. Committee and Enrollment Management Committee (Chair), CLAS Requirements Review Committee, University Community Engagement Task Force.

1997-98. Department of Geography Ph.D. Committee (Chair), University Council on Research and Creative Activities (Social Science Subcommittee Chair), Long-Range Ecological Monitoring Leadership Council (Land Use Change Co-Chair), Center for Environmental Studies Advisory Committee.

1996-97. Department of Geography Ph.D. Committee, CLAS Requirements Review Committee, University Council on Research and Creative Activities.

1995-96. Department of Geography Ph.D. Committee, CLAS Research Awards Committee, CLAS Requirements Review Committee, University Council on Research and Creative Activities.

1994-95. Department of Geography Personnel Committee. Faculty Search Committee, CLAS Research Awards Committee.

1993-94. Department of Geography Personnel Committee.

1992-93. Sabbatical leave.

1991-92 University Program for Faculty Development Advisory Committee, Department of Political Science Chair Search, Enrollment Management Task Force on Interdisciplinary Professional Majors.

1990-91 University Program for Faculty Development Advisory Committee, Human Resources Information Task Force, College of Education Search Committee.

1989-90 Steering Committee for Academic Chairs Program, University Program for Faculty Development Advisory Board, Human Resources Information Task Force, Secondary Education Search Committee.

1988-89 Steering Committee for Academic Chairs Program, Human Resources Information Task Force, Child Care Steering Committee, Search Committee for Chair of the Department of Religious Studies, Goldwater Chair Committee.

1987-88 Human Resources Information Task Force, Child Care Steering Committee

1986-87 Human Resources Information Task Force, Child Care Steering Committee

1985-86 Affiliated Faculty, Department of Planning.

1984-85 Search Committee for Associate Dean for Research, College of Liberal Arts (Chair), Liberal Arts Planning Committee, University Grievance Committee

1983-84 Academic Freedom and Tenure Committee, Grievance Committee, Ad-hoc Committee for Grievance Review, Faculty Women's Association (Vice President), Liberal Arts Planning Committee, Department of Geography Personnel Committee (Chair), Executive Committee, Search Committee for New Chair.

1982-83 Academic Freedom and Tenure Committee, Liberal Arts Planning Committee, Department of Geography Personnel Committee.

1981-82 Academic Freedom and Tenure Committee, Department of Geography M. A. Committee (Chair).

1980-81 Faculty Senate Procedures Committee, Liberal Arts Committee on Committees, Department of Geography M. A. Committee (Chair), Personnel Committee.

1979-80 Liberal Arts Committee on Committees (Chair), Ad hoc Committee for Requirements Review, Department of Geography Personnel Committee, Undergraduate Committee.

1978-79 Liberal Arts Committee on Committees (Chair), Department of Geography Search Committee for New Chair, Personnel Committee, Undergraduate Committee.

1977-78 Faculty Women's Association (Treasurer), Department of Geography Undergraduate Committee.

1976-77 Department of Geography Bylaws Committee (Chair).

THESES AND DISSERTATIONS SUPERVISED

Carol Polombo. 2007 Expected. Impacts of light-rail transit on station areas in metropolitan Phoenix: 2000-2005. Ph.D. dissertation.

Rachel Russell. 2007 Expected. The re-making of Tempe Town Lake. M.A. thesis.

Peter Howe. 2007 Expected. The new water brokers? Knowledge production about the Gila River Indian Community and the 2004 Arizona Water Rights Settlement Act. Barrett Honors College thesis.

Karl Seitz. 2005. Migration and identity in Belize. 2005. M.A. thesis.

Daniel Eugene Borough. 2002. The impacts of elderly segregation on countywide spending initiatives. Ph.D. dissertation.

Jaime Goodwin-White. 2001. Belonging in space: Citizenship and mobility patterns of five U.S. immigrant groups, 1985-90. M.A. thesis.

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COURSES TAUGHT (MULTIPLE TIMES DURING THE LAST 10 YEARS)

Introduction to Human Geography
Geography of Phoenix
Quantitative Methods in Geography
Advanced Research Methods in Geography
Human Migration
Population Geography

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