

SONA KARENTZ ANDREWS

ACADEMIC DEGREES:

PhD 1981, MA 1977
Geography, Arizona State University

BA 1975
Geography, Worcester State College, Massachusetts

PROFESSIONAL APPOINTMENTS:

2004 - present: **Provost and Vice President for Academic Affairs, Professor of Geosciences**, Boise State University

2003- 2004: **Vice Provost, Academic Affairs**, University of Wisconsin - Milwaukee

2001- 2003: **Associate Vice Chancellor, Academic Affairs**, University of Wisconsin - Milwaukee

2000 - 2001: **American Council on Education (ACE) Fellow**. Carthage College, Kenosha, Wisconsin

1995 - 2000: **Assistant Vice Chancellor, Academic Affairs**, University of Wisconsin - Milwaukee

1994 - 2004: **Professor**, Department of Geography, University of Wisconsin - Milwaukee

1988 - 1994: **Associate Professor**, Department of Geography, University of Wisconsin - Milwaukee

1981-1988: **Assistant Professor**, Department of Geography, University of Minnesota - Twin Cities

PUBLICATIONS:

Ransdell, L.B., Toevs, S., White, J., Lucas, S., Perry, J., Grosshans, O., Boothe, D., & Andrews, S.K. 2008. Increasing the number of women administrators in the academy: A proposed application of the Transformational Leadership Model. *Women in Sport and Physical Activity Journal*. 17(1):3-14.

Andrews, S. 2005. An era of continued growth and prominence for Cartographic Perspectives. *Cartographic Perspectives* October: 17-20.

Andrews, S., Winstead, W, Stecker, D, Weill, D. 1999. Tragedy of the commons: who owns classroom space. *Planning In Higher Education*. 27 (summer): 32-38.

Andrews, S. 1996. *Maps from the American Geographical Society Collection*. A multimedia videodisc. Dubuque, IW: Wm. C. Brown Publishers.

Andrews, S. 1995. Tactual mapping. In S. Parker, *1995 Yearbook of Science and Technology*. 69-71. New York: McGraw Hill.

Andrews, S. 1994. Creating interactive cartographic media on CD-ROM. *Cartographic Perspectives*. 19: 31-36.

Huxhold, W. and Andrews, S. 1994. Long range planning for a multidisciplinary GIS environment in an academic setting. *Proceedings of the Urban and Regional Information Systems Association*. vol I:732-744.

Andrews, S. and Grozik, J. 1994. Creating an interactive videodisc on mapping. *Library Hi-Tech*. 46 (12:2):61-74.

Huxhold, W. and Andrews, S. 1994. University develops long-range GIS plan. *GIS World*. 7(7):52-54.

Tilton, D. and Andrews, S. 1994. Space, place and interface. *Cartographica*. v.30(4):61-72.

Andrews, S. and Tilton, D. 1993. How multimedia and hypermedia are changing the look of maps. *Proceedings of Auto-Carto-11*. Washington, D.C.: American Congress on Surveying and Mapping: 348-366.

Andrews, S., Otis-Wilborn, A., and Messenheimer-Young, T. 1991. Beyond seeing and hearing: teaching geography to sensory impaired children. *Pathways in Geography Series*. No. 2. Indiana, Pennsylvania: National Council for Geographic Education.

McHaffie, P., Andrews, S., Dobson, M., Anonymous. 1990. Ethical problems in cartography. *Cartographic Perspectives*. 7:3-13.

Andrews, S. 1990. The cartographer's choice: decisions affecting tactual map design. in Zonn, L. (ed.). *Place Images in the Media*. New York: Rowman and Littlefield.

Andrews, S. 1988. Applications of a cartographic communication model to tactual map design. *The American Cartographer*. 15:183-195.

Andrews, S. 1987. Cartography textbook use. *Proceedings of the XIIth National Surveying Teachers Conference*. Washington, DC.: American Congress on Surveying and Mapping. 285-297.

Gersmehl, P., and Andrews, S. 1986. Teaching the language of maps. *Journal of Geography*. 85:267-270.

Andrews, S., and Gersmehl, P. 1986. Creating and using video tapes for cartographic demonstrations. *Journal of Geography*. 85:125-127.

Andrews, S. 1985. The use of capsule paper in producing tactual maps. *Journal of Visual Impairment and Blindness*. 79:396-399.

Andrews, S. 1984. Tactual maps, introducing the unseen world to the blind. *Encounters*. v. 7, #6: 30-32.

Andrews, S. 1984. *121 maps* in Olsenius, R. and Zerby, J. *The Wisconsin Travel Companion*. Wayzata: Bluestem Productions.

Andrews, S. 1984. *Tactual nautical chart: Apostol Islands*.

Andrews, S. 1983. Spatial Cognition through tactual maps. in Wiedel, J. (ed.). *Proceeding of the First International Symposium on Maps and Graphics for the Visually Handicapped*. Washington, DC: Association of American Geographers.

Andrews, S. 1983. *Tactual map: the Twin Cities metropolitan area*.

Andrews, S. 1983. *Tactual map: Minneapolis*.

Andrews, S. 1983. *Tactual map: downtown Minneapolis*.

Andrews, S., and Goddard, A. 1983. *Tactual Atlas of the University of Minnesota, Minneapolis Campus*.

Andrews, S. 1983. *98 maps* in Olsenius, R. *The Minnesota Travel Companion*. Wayzata: Bluestem Productions.

Andrews, S. 1979. *cover design, 42 illustrations and figures* in Lounsbury, J. and Aldrich, F. *Introduction to Geographic Field Methods* (first and second editions). Columbus: Charles E. Merrill Publishing Company.

Karentz (Andrews), S. 1977. *Tactual Atlas of Arizona State University Campus*.

GRANTS AWARDED (selected from among 17 grants totaling over \$1,000,000):

2008 - **ACE/Sloan Award for Faculty Career Flexibility**, project director. \$200,000

1993 - **Hypermedia Archive of Native American and Inuit Indian Maps on CD-ROM**, project director and principle investigator on a research grant funded by the National Endowment for the Humanities, Research Division Program. \$279,408 (7/93 - 12/94).

1991 - **Interactive Mapping Videodisc**, project director and co-principle investigator on a research grant funded by the United States Department of Education- College and Library Technology and Cooperation Grants Program. \$304,106 (10/91 - 6/93).

1991 - **The American Housing Stock Circa 1800**, Faculty Associate on a research grant funded by the National Science Foundation (Principle Investigator- Professor Carole Shammas). \$7,300 (Andrews' portion of the grant).

1989 - **Map Reading Abilities of Visually Impaired Children**, principle investigator on a research grant funded by the University of Wisconsin- Milwaukee Graduate School Research Committee Award. \$8,416.

1983, 1984, 1985 - **Research Grant**, Minneapolis-St. Paul Alumane Chapter of Delta Gamma. Tactual map research. \$12,000

1983 - **Research Grant**, Center for Urban and Regional Affairs, University of Minnesota. Tactual mapping project. \$6,500.

PRESENTATIONS:

Over 60 presented at academic/professional conferences including NAFSA:Association of International Educators, Association of American Geographers, American Associate of Higher Education, National Council for Geographic Education, North American Cartographic Information Society, American Congress on Surveying and Mapping, Society of College and University Planners, Wisconsin Libraries Association, and Wisconsin Women in Higher Education Leadership.

PROFESSIONAL AND PUBLIC SERVICE (excluding University service):

- 2008 - present **Member**, Boise Public Library Community Advisory Group
- 2007- present **Executive Committee Member**, Western Interstate Commission for Higher Education's Northwest Academic Forum
- 2007- present **Board Member and Program Committee Chair**, City Club of Boise
- 2007 **Campus Coordinator**, United Way Campaign
- 2006 - 2007 **Member**, Idaho State Board of Education High School Redesign Committee
- 2006- present **Board Member**, World Sports Humanitarian Hall of Fame
- 2004- present **Idaho State Coordinator**, American Council on Education Fellows
- 2004- 2008 **Executive Committee Member**, American Council of Fellow
- 2003- 2004 **Committee Member**, Wisconsin Lieutenant Governor Barbara Lawton's Fund Raising Task Force on Wisconsin Women = Prosperity Initiative
- 2001-2003 **Treasurer**, Wisconsin Women in Higher Education Leadership
- 2000-2004 **Wisconsin State Coordinator**, American Council on Education Fellows
- 1999-2003 **Board Member**, Wisconsin Women in Higher Education Leadership
- 1999-2003 **Resource Volunteer**, PEARLS for Girls, a non-profit organization in Milwaukee, Wisconsin designed to provide leadership development for minority and disadvantaged middle school and high school girls.
- 1996-2000 **Treasurer**, North American Cartographic Information Society
- 1995-2000 **Associate Executive Director**, North American Cartographic Information Society
- 1995-2000 **Board Member**, UW-Milwaukee Chapter, Wisconsin Women in Higher Education Leadership
- 1993-1995 **Editorial Board** of the *Annals of the Association of American Geographers*

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| 1991-1995 | Editorial Board of the <i>Professional Geographer</i> |
| 1993-1996 | Chair , Association of American Geographers Committee on Classroom Multimedia |
| 1993-1996 | Member - Association of American Geographers Commission on College Geography |
| 1992-1996 | Editor of <i>Cartographic Perspectives</i> , the Journal of the North American Cartographic Information Society |
| 1991-1992 | Chair , Association of American Geographers Cartography Specialty Group |
| 1990-1991 | Vice-chair , Association of American Geographers Cartography Specialty Group |