

Udall Center

Fellows Program

a decade of
policy scholarship
1990-2001

by

Robert Merideth, Robert G. Varady, and Kathleen Veslany

Udall
Center
for studies in
public policy
The University of Arizona



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Authors

Robert Merideth is assistant director and editor-in-chief at the Udall Center. Robert G. Varady is the Center's deputy director and director of environmental programs. Kathleen Veslany is associate editor at the Center.

Udall Center Fellows Program: A Decade of Policy Scholarship, 1990-2001

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Established in 1987, the Udall Center for Studies in Public Policy at The University of Arizona sponsors policy-relevant, interdisciplinary research and forums that link scholarship and education with decisionmaking. The Center specializes in issues concerning environment, natural resources, and public lands; American Indian governance and economic development; the U.S.-Mexico border; and related topics.

American Indian Policy

Focuses on research, executive education, and outreach related to tribal self-governance, reservation economic development, natural resources and environmental issues, American Indian health, and aspects of relevant federal policy. The Center, through its Native Nations Institute, both initiates research projects of its own and responds to requests or commissions from Indian nations, the federal government, and other Indian and non-Indian organizations.

Environmental Conflict Resolution

Emphasizes multistakeholder policy dialogues on contentious environmental issues. The Center facilitates such forums as the Arizona Common Ground Roundtable, develops and enacts role-play simulation games, sponsors training workshops on facilitation and mediation, and responds to requests and commissions for design and facilitation of policy dialogues and public participation processes.

U.S.-Mexico Border Environment

Involves research and outreach on policy related to transboundary water management; the role of public participation and specifically, post-NAFTA environmental institutions (BECC, NADB, and CEC); and issues of borderwide significance. The Center promotes democratization of decisionmaking in the border region through pioneering use of electronic discussion groups (BECCnet and CECnet), and organization of public forums and workshops.

Environmental Policy in the West

Includes collaborative research and outreach on the policy dimensions of such issues as climatic change and variability in the Southwest, the use of spatial decision-support systems in roundtable stakeholder discussions, and water-resources allocation and use in the region.

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Udall Center

Fellows Program

BACKGROUND

The University of Arizona (UA)'s Udall Center for Studies in Public Policy, established in 1987, is a unit within the Vice Presidency for Research. In support of its mission to link scholarship and education with decisionmaking, and consistent with an idea in its charter, the Center initiated a scholars-in-residence program during the 1990-91 academic year.

The Udall Center Fellows program allows faculty members and researchers, with release from their teaching and other major responsibilities, to spend a semester at the Center—in historic, territorial-style buildings just west of the campus—to engage in research on any topic related to public policy. The Center provides Fellows with a private office in a setting conducive to productive research and offers some operational support for communications and supplies, clerical services, and use of the Center's resources.

To date, the Center has hosted 85 Fellows from 29 departments at the UA, as well as five Fellows from outside the University.¹ The success of this established program can be measured by the consistently high degree of interest shown by faculty members, the rich disciplinary diversity of Fellows, the extensive record of research publications produced by Fellows, and an established and active network of policy scholars at the UA and elsewhere.

FUNDING

A key to the Center's ability to implement and maintain such a program is the notion that this can be accomplished without the infusion of major external funds for stipends. This insight and the Center's subsequent strategy of tapping existing university resources took hold when it was endorsed by a number of deans, department heads, and other administrators at the UA.

Each year since 1990 the program has been supported at relatively low cost to the Center—occasionally through such traditional arrangements as sabbatical leaves and external funds, but mainly through modest stipends paid to the Fellows' home departments for teaching replacement costs.

When a fellowship coincides with a sabbatical, there is no need for additional resources; over the years, sabbaticals have been one mode of support, accounting for perhaps 10 percent of the Fellows. Another model, used on a few occasions, is for faculty members to pay for their own teaching-replacement costs through grants they may control.

¹In 1997, the Fellows program, with support from the Morris K. Udall Foundation, included visiting scholars from outside the UA with interest in environmental conflict resolution. And in 1998, with funding from the Ford Foundation, the program added a fellowship to support public-policy research pertaining to the U.S.-Mexico border environment.

"The fellowship came at a great time in my career and enabled me to pursue uninterrupted my research and writing in an environment that was both pleasant and stimulating. I think the fellowships are a wonderful gift to the faculty that repay the Udall Center and the University in so many important ways."

— Sallie Marston
Professor and Head,
Geography and
Regional Development
(Udall Center Fellow,
1990-91)

Nearly all the rest, however, are made possible by stipends. Sometimes deans provide these payments; at other times, department heads allocate resources internally. Since 1995, the Udall Center itself has been able to offer a few such stipends (on the order of \$5,000 each) to departments via an agreement with the UA's Vice President for Research.

In one special arrangement, several science and policy Fellows have been sponsored by the University's Institute for the Study of Planet Earth (ISPE), which has provided stipends for faculty members in science and engineering disciplines who want to work on public policy issues.

Finally, in a few cases, the Center has obtained limited external funding—to date from the Ford Foundation and Morris K. Udall Foundation—to support Fellows from outside the UA focused on specific policy topics. In these instances, the stipends have been larger (in the range of \$15,000 to \$25,000) and paid directly to the Fellows to defray their temporary living costs and related expenses.

"The fellowship was a wonderful way for me to pursue my own research without interruptions or demands on my time. The Center is located just close enough to campus so that the library is accessible, but far enough away to limit day-to-day distractions."

— Edella Schlager
Associate Professor,
Public Administration
and Policy
(Udall Center Fellow,
1994-95)

APPLICATION AND SELECTION PROCESS

The application and selection process is straightforward. Early each spring semester, the Center issues a call for applications to department heads and directors, and invites potentially interested policy scholars to apply.

Applicants are asked to submit: (1) a brief statement describing general policy research interests; (2) plans for a specific project to be undertaken as a Udall Center Fellow; (3) description of any specific proposals already submitted or to be submitted for external support for the project; (4) a *curriculum vitae*; and (5) a letter of support from the department head or dean, plus a letter of reference. Applicants also are asked to indicate a semester preference for the year to which they are applying for a fellowship.

A small peer-review committee comprising former Fellows or members of the Udall Center's faculty advisory committee reviews the applications and meets late in the spring to select the Fellows for the upcoming year. The committee ranks the applicants and submits the names to the Center director. Based on the

Figure 1. Number of Fellows (cumulative by year)

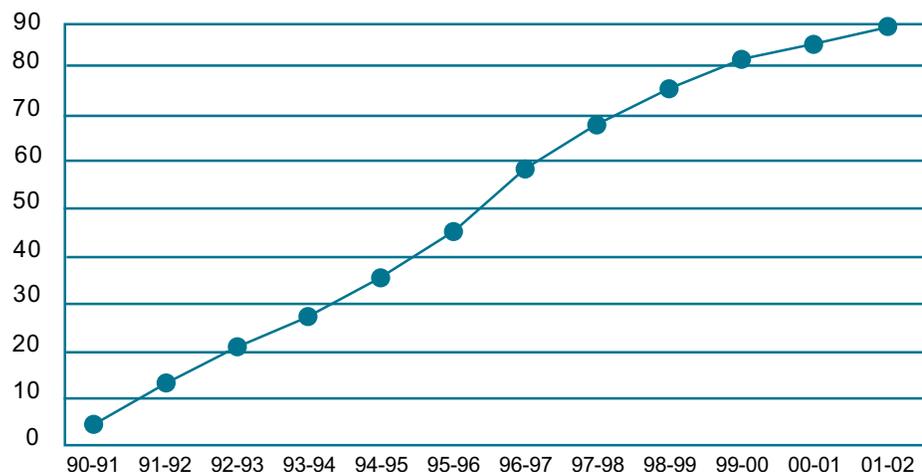
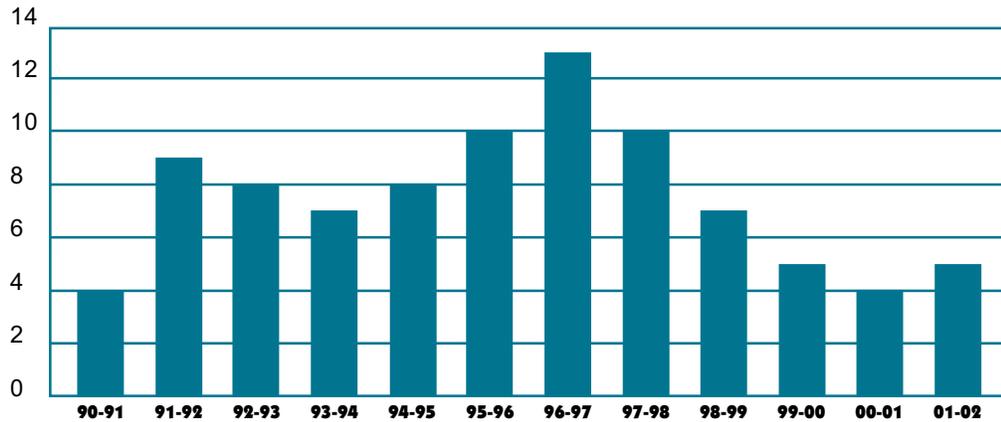


Figure 2. Number of Fellows (per year)



availability of funding and office space, the director and senior Center staff match these options with the top-ranked applicants. Successful candidates are notified of their selection soon after the committee has met. As a condition of the award, incoming Fellows are required to sign a residency statement in which they agree to work at the Center and to participate in a luncheon-seminar series. Fellows' residencies typically coincide with the academic semester calendars (August-December or January-May).

PROGRAM GROWTH

As mentioned earlier, in the program's 12 years, 85 UA faculty members and five non-UA scholars have been named Udall Center Fellows. Since the initial year of 1990-91, the rate of growth in the number of Fellows rose steadily until it peaked in 1996-97 with the naming of 13 Fellows (Figure 1).

Since that time, the Center has limited the number of invitees because of space constraints. Beginning in the 1999-2000 academic year, the Center limited the program to four or five Fellows per year (Figure 2). Given the size of the UA and the continued infusion of new faculty with interests in public policy, the pool of policy scholars seems to be continually replenished.

DISCIPLINARY DIVERSITY

The disciplinary mix of Fellows has changed over the years (Table 1). During the program's initial four years (1990-91 to 1993-94), one college at the UA, Social and Behavioral Sciences (SBS), contributed predominantly, providing two-thirds of the Fellows. The College of Business and Public Administration (BPA) also featured prominently during the program's initial years. Overall, SBS and BPA together have been responsible for sending to the Center more than 70 percent of the Fellows from the UA.

Beginning in the program's second year, the disciplinary diversity of the Fellows—as measured by the number of participating UA colleges and departments (Table 2)—grew noticeably. In the 12 years of the program, 29 departments in 10 colleges have sent faculty members as Fellows to the Udall Center.

"My experience as a Udall Center Fellow broadened my horizons about what can be achieved through systematic effort and a good work environment; but above all, it opened for me new perspectives for linking scientific research with the search for solutions to societal problems."

– Basilio Verduzco
Investigator,
University of
Guadalajara, Mexico
(Udall Center/Ford
Foundation Fellow,
1998-99)

Table 1. Udall Fellows by Academic Year

	Department	College or Institution ¹
2001-2002		
Linda Darling	History	Social and Behavioral Sciences
Suzanne Dovi	Political Science	Social and Behavioral Sciences
Linda Green	Anthropology	Social and Behavioral Sciences
Beth Mitchneck	Geography and Regional Development	Social and Behavioral Sciences
J.E. de Steiguer ¹	Renewable Natural Resources	Agricultural and Life Sciences ⁴
2000-2001		
Richard Eaton	History	Social and Behavioral Sciences
Don Grant III	Sociology	Social and Behavioral Sciences
H. Brinton Milward	Public Administration and Policy	Business and Public Administration
Laura Tabili	History	Social and Behavioral Sciences
1999-2000		
Allen Buchanan	Philosophy	Social and Behavioral Sciences
Julia Clancy-Smith	History	Social and Behavioral Sciences
John Garcia	Political Science	Social and Behavioral Sciences
Katherine Morrissey	History	Social and Behavioral Sciences
Charles Smith	Near Eastern Studies	Social and Behavioral Sciences
1998-99		
Martha Conklin ¹	Hydrology and Water Resources	Engineering
David N. Gibbs	Political Science	Social and Behavioral Sciences
Alice Schlegel	Anthropology	Social and Behavioral Sciences
W. James Shuttleworth ¹	Hydrology and Water Resources	Engineering
David Wilkins	Political Science	Social and Behavioral Sciences
From other institutions		
Christopher Brown ²	Department of Geography and Planning	West Chester University, PA
Basilio Verduzco ²	Instituto de Estudios Economicos y Regionales	University of Guadalajara, Mexico
1997-98		
Susan L. Craddock	Women's Studies/Geography and Regional Development	Social and Behavioral Sciences
Jennifer Croissant ¹	Materials Science and Engineering	Engineering
Kevin Lansley ¹	Civil Engineering and Engineering Mechanics	Engineering
Calvin Morrill	Sociology	Social and Behavioral Sciences
Keith G. Provan	Public Administration and Policy	Business and Public Administration
Michael Rosenzweig ¹	Ecology and Evolutionary Biology	Science
David Schmidt	Philosophy	Social and Behavioral Sciences
From other institutions		
Andrew Bowman ³	Center for Public Policy Dispute Resolution	Univ. of Texas School of Law, Austin
Chris Carlson ³	Ohio Comm. on Dispute Res. and Conflict Management	
Gregg Walker ³	Departments of Speech Communication and Forest Resources	Oregon State Univ., Corvallis
1996-97		
Karen Anderson	History	Social and Behavioral Sciences
Elisabeth Clemens	Sociology	Social and Behavioral Sciences
Andrew Comrie ¹	Geography and Regional Development	Social and Behavioral Sciences
Alvin I. Goldman	Philosophy	Social and Behavioral Sciences
Lisa Graumlich ¹	Laboratory of Tree-Ring Research	Science
Ken Koput	Management and Policy	Business and Public Administration
Larry Leslie	Higher Education	Education
Thomas Maddock III ¹	Hydrology and Water Resources	Engineering
Thomas McGuire	Bureau of Applied Research in Anthropology	Social and Behavioral Sciences
Gordon Mulligan	Geography and Regional Development	Social and Behavioral Sciences
Walter Powell	Sociology	Social and Behavioral Sciences
Thomas Sheridan	Arizona State Museum	Vice Presidency for Research
Benjamin Wilfond	Pediatrics	Medicine

1995-96

Roger Bales ¹	Hydrology and Water Resources	Engineering
Adele Barker	Comparative and Cultural Literary Studies	Humanities
Albert Bergesen	Sociology	Social and Behavioral Sciences
Lucien Duckstein ¹	Systems and Industrial Engineering	Engineering
Leslie Eldenburg	Accounting	Business and Public Administration
Roger Fox	Agricultural and Resource Economics	Agriculture
Barbara Gutek	Management and Policy	Business and Public Administration
Laura McCloskey	Psychology	Social and Behavioral Sciences
Ronald L. Oaxaca	Economics	Business and Public Administration
Gary Rhoades	Higher Education	Education

1994-95

Victor R. Baker ¹	Geosciences	Science
Dennis Cory	Agricultural and Resource Economics	Agriculture
Janet R. Jakobsen	Women's Studies	Social and Behavioral Sciences
Douglas McAdam	Sociology	Social and Behavioral Sciences
Amnon Rapoport	Management and Policy	Business and Public Administration
Edella Schlager	Public Administration and Policy	Business and Public Administration
John Schwartz	Political Science	Social and Behavioral Sciences
Sheila A. Slaughter	Higher Education	Education

1993-94

Susan Gonzalez Baker	Public Administration and Policy	Business and Public Administration
Thomas Christiano	Philosophy	Social and Behavioral Sciences
Deborah Mathieu	Political Science	Social and Behavioral Sciences
Susan Philips	Anthropology	Social and Behavioral Sciences
David A. Snow	Sociology	Social and Behavioral Sciences
Soroosh Sorooshian	Hydrology and Water Resources	Engineering
Thomas Weaver	Anthropology	Social and Behavioral Sciences

1992-93

Chris C. Demchak	Public Administration and Policy	Business and Public Administration
Tamra Pearson d'Estrée	Psychology	Social and Behavioral Sciences
Michael Hechter	Sociology	Social and Behavioral Sciences
Keith Lehrer	Philosophy	Social and Behavioral Sciences
Roger L. Nichols	History	Social and Behavioral Sciences
Lynn Smith-Lovins	Sociology	Social and Behavioral Sciences
Douglas Weiner	History	Social and Behavioral Sciences
Ervin Zube	Renewable Natural Resources	Agriculture

1991-92

Allen Buchanan	Philosophy	Social and Behavioral Sciences
Bonnie Colby	Agricultural and Resource Economics	Agriculture
Paula England	Sociology	Social and Behavioral Sciences
Debra Friedman	Sociology	Social and Behavioral Sciences
Roger C. Henderson	Law	Law
Bernard P. Herber	Economics	Business and Public Administration
Bernard Jaworski	Marketing	Business and Public Administration
Bruce Sales	Psychology	Social and Behavioral Sciences
Michael Schaller	History	Social and Behavioral Sciences

1990-91

Lawton Burns	Management and Policy	Business and Public Administration
James C. Cox	Economics	Business and Public Administration
Andrew Kirby	Geography and Regional Development	Social and Behavioral Sciences
Sallie Marston	Geography and Regional Development	Social and Behavioral Sciences

¹Science and policy Fellow supported by the UA Institute for the Study of Planet Earth (ISPE)

²U.S.-Mexico border environment Fellow supported by the Ford Foundation

³Environmental conflict resolution Fellow supported by the Morris K. Udall Environmental

⁴Formerly, the College of Agriculture

Table 2. Disciplinary Diversity of the UA Udall Center Fellows*

<u>UA College</u>	<u>Fellows</u>	<u>Departments/Units</u>
Social and Behavioral Sciences	48	10
Business and Public Administration	14	5
Engineering	8	4
Agricultural and Life Sciences	5	2
Science	3	3
Education	3	1
Humanities	1	1
Law	1	1
Medicine	1	1
Vice Presidency for Research	1	1
	85	29

*In addition, five Fellows have come from five external institutions.

A large part of the disciplinary diversity results from the science and policy Fellows supported by the UA's Institute for the Study of Planet Earth (ISPE). Since 1994-95, ISPE has sponsored 12 Fellows from nine departments, including Civil Engineering and Engineering Mechanics, Ecology and Evolutionary Biology, Geography and Regional Development, Geosciences, Hydrology and Water Resources, Materials Science and Engineering, Renewable Natural Resources, Systems and Industrial Engineering, and the Laboratory of Tree-Ring Research.

Five additional Fellows have come to the Center from as many outside institutions, including the Center for Public Policy Dispute Resolution (Texas), Ohio Commission on Dispute Resolution and Conflict Management, Oregon State University, University of Guadalajara (Mexico), and West Chester University (Pennsylvania).

Table 3. Research Themes of Udall Center Fellows

<u>Theme</u>	<u>Number of Fellows**</u>
Environmental and natural resources policy	30
Women, minorities, and indigenous peoples	20
Health and human development	14
Theory of democracy and institutions	12
Conflict resolution and decisionmaking	10
Economic development	10
Science, technology, and society	8
Projects with international or multinational focus	20

**Some Fellows' research themes are counted in multiple categories.

CLUSTERED RESEARCH THEMES

As this disciplinary diversity might suggest, the 90 Fellows (UA and external) include social and physical scientists, agricultural scientists, conflict-resolution specialists, humanists, education scholars, engineers, a lawyer, and a physician. Their academic and professional research interests have fallen naturally into seven sets of themes (Table 3).

The largest research clusters have been in the areas of environment and natural resources; women, minorities, and indigeneous peoples; health and human development; and the theory of democracy and institutions, with smaller clusters in the themes of conflict resolution and decisionmaking, economic development, and science-and-technology policy. And across these seven themes, the focus of research for 20 of the Fellows has been on international or multinational policy issues.

MEASURES OF SUCCESS

An indication of the program's influence is the number of publications—nearly 160 books, chapters, journal articles, and other scholarly works—attributed by Fellows to have been initiated, completed, or inspired by their fellowships. The “Publications” in the appendix also attest to the intellectual diversity Fellows share among colleagues in different disciplines within the public policy arena.

The Udall Center Fellows luncheon-seminar series, to which all Fellows contribute, is attended by current and former Fellows and other interested members of the academic community, representing an extremely eclectic collection of disciplines and professions. The resulting events—nearly 100 such seminars—have provided an ongoing forum for the presentation and critique of important public policy research at the University, among scholars in a variety of fields who might otherwise seldom come into contact with each other.

Perhaps the most significant outcome for the Center, though, has been the formation of a cadre of policy scholars at the UA with whom to develop and sustain collaborative research and outreach projects, particularly related to the Center's interests in environmental policy and American Indian policy. Over the years the relationships formed between Fellows and Udall Center staff have led to numerous interdisciplinary activities and have provided an invaluable intellectual foundation to support the Center's mission. In addition, many Fellows provide service to the Center as members of various research and outreach committees. For example, Fellows presently comprise nearly half of the Center's 22-member faculty advisory committee.

With the Fellows Program now in its second decade, the Udall Center anticipates continuing prosperity and synergy as new Fellows bring their intellectual curiosity and research programs to the Center.

“The opportunity to work one-on-one with specialists in policy was unique in my experience. It has profoundly changed my attitude to the hydrological science field in which I work and was the basis for my interest in developing the new international initiative ‘Hydrology for the Environment, Life, and Policy (HELP)’. After my experience, I doubt if I will ever do science that is not policy-relevant.”

– James Shuttleworth
Professor,
Hydrology and Water
Resources
(Udall Center/ASPE
Science and Policy
Fellow,
1998-99)

BIOGRAPHIES

BIOGRAPHIES OF UDALL CENTER FELLOWS

Karen S. Anderson (1996-97), Professor of History, The University of Arizona. *Project:* Policy Implications of School Desegregation Crisis in Little Rock, Arkansas, 1954-1964

Roger C. Bales¹ (1995-96), Professor of Hydrology and Water Resources, The University of Arizona. *Project:* Climate Change in Alpine Areas and the Effects on Water Resources in Arid Regions

Victor R. Baker¹ (1994-95), Regents Professor, Head of Hydrology and Water Resources, Professor of Geo-sciences and of Planetary Sciences, The University of Arizona. *Project:* The Role of Experience-based Science in Relating Science and Society

Susan Gonzalez Baker (1993-94), Associate Professor of Sociology, The University of Texas at Austin (at the time of the fellowship, Assistant Professor, School of Public Administration and Policy, The University of Arizona). *Project:* The Role of Immigrants and Immigrant Community-Advocacy Groups in Effecting Real Change in Immigrant Lives

Adele M. Barker (1995-96), Associate Professor of Russian and Slavic Languages and of Comparative Cultural and Literary Studies, The University of Arizona. *Project:* Relationship Between Soviet Public Policy and Female-authored Literary Texts

Albert J. Bergesen (1995-96), Professor of Sociology, The University of Arizona. *Project:* Backlash Politics: Reactions to Recent Latino Immigration

Andrew Bowman² (1997-98), General Counsel, Texas Windpower (at the time of the fellowship, with the Center for Public Policy Dispute Resolution, University of Texas School of Law, Austin). *Project:* Specific and Practical Ways for Local Governments to Better Address Certain Recurring Policy Dilemmas Through Public Policy Dispute Resolution Techniques

Christopher Brown³ (1998-99), Assistant Professor of Geography, New Mexico State University (at the time of the fellowship, Assistant Professor of Geography and Planning, West Chester University, PA). *Project:* The Potential for a Binational *Consejo* to Address Environmental Conflict within the Santa Cruz River Basin

Allen E. Buchanan (1991-92, 1999-2000), Professor of Philosophy, The University of Arizona. *Projects:* Ethical Concerns in Mapping the Human Genome. Indigenous Peoples' Rights, and National Minorities' Rights: A Critical Comparison of Two Normative Discourses

¹Science and policy Fellow supported by the UA's Institute for the Study of Planet Earth (ISPE)

²Environmental conflict resolution Fellow supported by the Morris K. Udall Foundation

³U.S.-Mexico border environment Fellow supported by the Ford Foundation

Lawton R. Burns (1990-91). Professor of Health Care Systems and Management, and Director, Wharton Center for Health Management and Economics, University of Pennsylvania (at the time of the fellowship, Assistant Professor of Management and Policy, The University of Arizona). *Project:* Discrepancies in Access, Quality, and Cost Provided by Arizona Hospitals to Patients

Chris Carlson² (1997-98), Co-director, Policy Consensus Initiative, Santa Fe, NM (at the time of the fellowship, with the Ohio Commission on Dispute Resolution and Conflict Management). *Project:* An Examination of How Political Leaders Have Used Conflict Resolution Tools to Work Out Agreements Over Controversial Issues

Thomas D. Christiano (1993-94), Associate Professor of Philosophy, The University of Arizona. *Project:* How to Evaluate and Define Democratic Institutions

Julia A. Clancy-Smith (1999-2000), Associate Professor of History, The University of Arizona. *Project:* Migrations: Trans-Mediterranean Settlements in North Africa and France

Elisabeth S. Clemens (1996-97), Associate Professor of Sociology, The University of Arizona. *Project:* The Pragmatics of Institutional Change: Reconstructing and Deconstructing the American Welfare State

Bonnie G. Colby (1991-92), Professor of Agricultural and Resource Economics, The University of Arizona. *Project:* Economic Impacts of Reallocating Agricultural Water Supplies to Other Uses During Drought Years, Mitigating Water Shortages in Urban Areas and Steamflows for Wildlife and Recreation

Andrew C. Comrie¹ (1996-97), Associate Professor of Geography and Regional Development, The University of Arizona. *Project:* Overcoming Sparse Climate Data in the U.S.-Mexico Border Region

Martha H. Conklin¹ (1998-99), Associate Professor of Hydrology and Water Resources, The University of Arizona. *Project:* Detecting Water Quality Responses to Climate Change, with an Emphasis on GLOBE and Other Volunteer Monitoring Programs

Dennis C. Cory (1994-95), Department Head and Professor of Agricultural and Resource Economics, The University of Arizona. *Project:* Water Quality Regulations in Arizona

James C. Cox (1990-91), Professor of Economics, The University of Arizona. *Project:* Lease Auctions

Susan L. Craddock (1997-98), Assistant Professor of Women's Studies, University of Minnesota (at the time of the fellowship, Assistant Professor of Women's Studies and of Geography and Regional Development, The University of Arizona). *Project:* Health Policy and the Lessons of History

Jennifer L. Croissant¹ (1997-98), Associate Professor of Materials Science and Engineering, The University of Arizona. *Project:* Engineering Design and People with Disabilities: Social Movements, Public Policies, and Research Practices

Linda T. Darling (2001-2002), Associate Professor of History, The University of Arizona. *Project:* Indigenous Relationships Between Middle Eastern Governments and Their People in Contemporary Policymaking

Chris C. Demchak (1992-93), Associate Professor of Public Administration and Policy, The University of Arizona. *Project:* An Examination of the Military Organizations in Germany, Great Britain, Hungary, Israel, Poland, and the former Czechoslovakia

Suzanne Dovi (2001-2002), Assistant Professor of Political Science, The University of Arizona. *Project:* The Legitimacy of Public Policy Advocates and the Accountability Between Advocates and Historically Disadvantaged Groups

Lucien Duckstein¹ (1995-96), Professor Emeritus of Systems and Industrial Engineering, The University of Arizona. *Project:* Multiobjective Decision-Making Applied to Water and Natural Resources

Richard M. Eaton (2000-2001), Professor of History, The University of Arizona. *Project:* Public Policy and the History of India

Leslie G. Eldenburg (1995-96), Associate Professor of Accounting, The University of Arizona. *Project:* Health Care Reimbursement and Regulatory Policies and Their Effects on Provision of Health Care Services

Paula England (1991-92), Professor of Sociology, University of Pennsylvania (at the time of the fellowship, Professor of Sociology, The University of Arizona). *Project:* How Institutions, Social Networks, and Cultural Norms Affect Outcomes of Interest to Policymakers

Tamra Pearson d'Estrée (1992-93), Associate Professor of Conflict Analysis and Resolution, George Mason University (at the time of fellowship, Assistant Professor of Psychology, The University of Arizona). *Project:* Techniques of Resolving Disputes Over Water Rights

Roger W. Fox (1995-96), Professor Emeritus of Agricultural and Resource Economics, The University of Arizona. *Project:* Policy Issues Related to Indian-owned Gambling in Arizona

Debra Friedman (1991-92), Associate Provost for Academic Planning, The University of Washington (at the time of the fellowship, Assistant Professor of Sociology, The University of Arizona). *Project:* Institutional Design, Incentives, and Child Custody Laws

John A. Garcia (1999-2000), Professor of Political Science, The University of Arizona. *Project:* Alternative Voting Systems for Local Governments: The Case of Cumulative Voting and Minority Communities

David N. Gibbs (1998-99), Associate Professor of Political Science, The University of Arizona. *Project:* International Peacekeeping, Humanitarian Intervention, and National Self-Interest

Alvin I. Goldman (1996-97), Regents Professor of Philosophy and Cognitive Science, The University of Arizona. *Project:* Social Epistemology: The Role of Information in the Electoral Process

Don S. Grant III (2000-2001), Associate Professor of Sociology, The University of Arizona. *Project:* The Influence of Organizational Structure on Industry's Toxic Emissions

Lisa Graumlich¹ (1996-97), Professor of Land Research and Environmental Science, and Director of the Mountain Research Center, Montana State University (at the time of fellowship, Associate Professor, Laboratory of Tree Ring Research, and Director, Institute for the Study of Planet Earth, The University of Arizona). *Project:* Social Drivers of Land-Use Change in Hindu Kush-Himalaya

Linda Green (2001-2002), Assistant Professor of Anthropology, The University of Arizona. *Project:* Inequality in Health Care Policy and Tuberculosis Cases Among Alaska Natives

Barbara A. Gutek (1995-96), McClelland Professor of Management and Policy, The University of Arizona. *Project:* Sexual Harassment and Work Environment

Michael Hechter (1992-93), Professor of Sociology, The University of Washington (at the time of fellowship, Professor of Sociology, The University of Arizona). *Project:* The Source and Variation in Values Related to Quality of Life

Roger C. Henderson (1991-92), Professor of Law, The University of Arizona. *Project:* Legal Issues Surrounding Accident Compensation Reform in Arizona

Bernard P. Herber (1991-92), Professor Emeritus of Economics, The University of Arizona. *Project:* Economic and Efficiency Issues that Arise in Cases of Transnational Atmospheric Pollution, Global Warming, and Ozone Layer Depletion

Janet R. Jakobsen (1994-95), Director of the Barnard Center for Research on Women, Barnard College (at the time of the fellowship, Assistant Professor of Women's Studies, The University of Arizona). *Project:* Gender Stereotypes

Bernard Jaworski (1991-92), Professor of Marketing, University of Southern California (at the time of the fellowship, Associate Professor of Marketing, The University of Arizona). *Project:* How State Agencies Monitor Business-Related Developments and Devise Strategies to Attract and Maintain Firms Within the State

Andrew Kirby (1990-91), Professor of Social Science and Director, M. A. Interdisciplinary Studies Program, Arizona State University West (formerly Professor of Geography and Regional Development, The University of Arizona). *Project:* Spatial Distribution of Federal Expenditures in United States Border Counties

Kenneth W. Koput (1996-97), Associate Professor of Management and Policy, The University of Arizona. *Project:* The Role of Elite Sponsorship in Biotechnology's Emergence

Kevin E. Lansey¹ (1997-98), Associate Professor of Civil Engineering & Engineering Mechanics, The University of Arizona. *Project:* Development of Techniques for Examining the Effect of Climate Change on Urban Water Resources Planning

Keith E. Lehrer (1992-93), Regents Professor of Philosophy, The University of Arizona. *Project:* An Interactive, Dynamic Model of Consensus Development

Larry L. Leslie (1996-97), Vice Dean for Academic Affairs of Education and Professor of Higher Education, The University of Arizona. *Project:* The Effects of Changes in Institutional Revenue Patterns Upon Undergraduate Education Within Science, Math, and Engineering (SME) Units of U.S. Public Research Universities

Thomas Maddock, III¹ (1996-97), Professor of Hydrology and Water Resources, The University of Arizona. *Project:* Policy Aspects of Changing Definitions of Surface Water and Groundwater in the West

Sallie A. Marston (1990-91), Department Head and Professor of Geography and Regional Development, The University of Arizona. *Project:* The Nature of Community Response to Economic and Spatial Changes in the Southwest

Deborah R. Mathieu (1993-94), Associate Professor of Political Science, The University of Arizona. *Project:* The Role of Policymakers and the State in Preventing Prenatal Fetal Harm

Douglas McAdam (1994-95), Professor of Sociology, Stanford University (at the time of the fellowship, Professor of Sociology, The University of Arizona). *Project:* Comparison of Social Movements in Europe (the EC) and in the United States and Mexico (NAFTA)

Laura McCloskey (1995-96), Associate Professor of Maternal and Child Health, Harvard University (at the time of the fellowship, Associate Professor of Psychology, The University of Arizona). *Project:* Family Violence and Moral Theory

Thomas R. McGuire (1996-97), Associate Research Anthropologist for the Bureau of Applied Research in Anthropology. *Project:* The Implementation of Indian Water Settlements in the Southwest

H. Brinton Milward (2000-2001), McClelland Professor of Public Management, The University of Arizona. *Project:* The Evolution of Community Mental Health Systems Under Conditions of Managed Care

Beth Mitchneck (2001-2002), Associate Dean, College of Social and Behavioral Sciences, and Associate Professor of Geography and Regional Development. *Project:* The Nature of Spatially Variable Governance and Local Economic Development in the Russian Federation

Calvin K. Morrill (1997-98), Professor of Sociology, University of California, Irvine (at the time of the fellowship, Professor of Sociology, The University of Arizona). *Project:* The Emergence of the International Environmental Conflict Resolution Field

Katherine G. Morrissey (1999-2000), Associate Professor of History, The University of Arizona. *Project:* The Nature of Conflict

Gordon F. Mulligan (1996-97), Professor of Geography and Regional Development, The University of Arizona. *Project:* An Economic Typology of U.S. Counties

Roger L. Nichols (1992-93), Professor of History, The University of Arizona. *Project:* Contrasting Experiences of Native-Americans in the United States and Canada

Ronald L. Oaxaca (1995-96), Professor of Economics, The University of Arizona. *Project:* Econometric Models of Decisionmaking and the Labor Market: Comparing Women and Minorities to Majority Males

Susan U. Philips (1993-94), Professor of Anthropology, The University of Arizona. *Project:* The Language of Conflict Management in the Colonial Court System of the Pacific Island of Tonga

Walter W. Powell (1996-97), Professor of Education and of Sociology, Stanford University (at the time of the fellowship, Professor of Sociology, The University of Arizona). *Project:* Biotechnological Product Development and Regulatory Policy

Keith G. Provan (1997-98), Professor of Public Administration and Policy, The University of Arizona. *Project:* Behavioral Health Funding and Policy Issues for Native Americans

Amnon Rapoport (1994-95), Karl Eller Professor of Management and Policy, The University of Arizona. *Project:* Interactive Decisionmaking

Gary D. Rhoades (1995-96), Department Head and Professor of Higher Education, The University of Arizona. *Project:* The U.S. Government and Academic Science and Technology Policy

Michael L. Rosenzweig¹ (1997-98), Professor of Ecology and Evolutionary Biology, The University of Arizona. *Project:* Reconciliation Ecology—Rationale and Prospects

Bruce D. Sales (1991-92), Professor of Psychology, The University of Arizona. *Project:* Standards of Practice in Health Care

Michael Schaller (1991-92), Professor of History, The University of Arizona. *Project:* How U.S. Policy Towards Japan After WWII Helped to Bring a Rise in Japan's Power

Edella Schlager (1994-95), Associate Professor of Public Administration and Policy, The University of Arizona. *Project:* Local Governance of Natural Resources

Alice E. Schlegel (1998-99), Professor of Anthropology, The University of Arizona. *Project:* Apprenticeships: An Answer to the Social and Vocational Needs of Adolescents

David J. Schmidt (1997-98), Professor of Philosophy and of Economics, The University of Arizona. *Project:* Environmental Conflict Resolution in the West

John E. Schwarz (1994-95), Professor of Political Science, The University of Arizona. *Project:* Economic Opportunity in the United States

Thomas E. Sheridan (1996-97), Curator of Ethnohistory, Arizona State Museum, and Professor of Anthropology, The University of Arizona. *Project:* The Political Ecology of Ranching in Arizona and Sonora

W. James Shuttleworth¹ (1998-99), Professor of Hydrology and Water Resources, The University of Arizona. *Project:* Well-Made Water-Related Public Policy Requires a Second International Hydrologic Decade

Sheila A. Slaughter (1994-95), Professor of Higher Education, The University of Arizona. *Project:* Universities and Markets

Charles D. Smith (1999-2000), Professor of Near Eastern Studies, The University of Arizona. *Project:* The Roots of Arab Grievances in the Arab-Israeli Conflict: The Discourse of Imperialism in British Policy and Historical Scholarship on the Subject

D. Lynn Smith-Lovin (1992-93), Professor of Sociology, The University of Arizona. *Project:* Using Affect-Control Theory to Investigate the Relationship Between Identity, Emotion, and Action

David A. Snow (1993-94), Professor of Sociology, University of California, Irvine (at the time of the fellowship, Professor of Sociology, The University of Arizona). *Project:* The Issue of Agency of Homeless People: Theoretical and Policy Implications

Soroosh Sorooshian (1993-94), Regents Professor of Hydrology and Water Resources and Professor of Systems and Industrial Engineering, The University of Arizona. *Project:* The Impact of Climate Changes on Arid and Semiarid Regions

J. E. de Steiguer¹ (2001-2002), Professor and Chair of the Watershed Program, School of Renewable Natural Resources, The University of Arizona. *Project:* Mitigating Potential for Global Environmental Change Damage to Natural Resources Located on Federal Lands of the American West Through Public Policy

Laura Tabili (2000-2001), Associate Professor of History, The University of Arizona. *Project:* Workers Without Borders: Outsiders and Insiders in an Industrial Society, 1850-1939

Basilio Verduzco³ (1998-99), Instituto de Estudios Economicos y Regionales, University of Guadalajara, Mexico. *Project:* Policymakers and Public Participation on the U.S.-Mexico Border

Gregg B. Walker² (1997-98), Associate Professor and Chair, Speech Communication, and Adjunct Professor of Forest Resources, Oregon State University, Corvallis. *Project:* Collaboration and Multi-party Negotiation in Environmental Conflicts: Two Research Ideas

Thomas Weaver (1993-94), Professor of Anthropology, The University of Arizona. *Project:* Impacts of the World Bank Loan Development Policy in Durango and Chihuahua Regions of Northern Mexico on Indigenous Peoples, the Forestry Industry, and Forest Exploitation

Douglas R. Weiner (1992-93), Associate Professor of History, The University of Arizona. *Project:* The History of the Soviet Conservation Movement Through the 1930s, 1940s, and 1950s

Benjamin S. Wilfond (1996-97), Head of Bioethics Research Section, National Human Genome Research Institute (formerly Assistant Professor of Pediatrics, The University of Arizona). *Project:* Policy Implications of the NIH Cancer Genetic Studies Consortium Projects

David Wilkins (1998-99), Associate Professor of American Indian Studies, of Political Science, and of Law, University of Minnesota (at the time of the fellowship, Associate Professor of Political Science, The University of Arizona). *Project:* Indigenous Politics and the American Political System

Ervin H. Zube (1992-93), Professor Emeritus of Renewable Natural Resources, The University of Arizona. *Project:* The Changing Definition of National Parks in the United States

PUBLICATIONS

PUBLICATIONS BY UDALL CENTER FELLOWS*

BOOKS, JOURNAL ARTICLES, AND OTHER SCHOLARLY WORKS ATTRIBUTED BY UDALL CENTER FELLOWS
TO HAVE BEEN INITIATED, COMPLETED, OR INSPIRED BY THEIR FELLOWSHIP.

- Bales, R.**, B. Morehouse, and D. Liverman (1999): "Climate Assessment Project for the Southwest." Proceedings, American Society of Civil Engineers, Water Resources Planning and Management National Conference, Phoenix, AZ.
- Baker, V. R.** (1996a): "The Geological Approach to Understanding the Environment." *GSA Today* 6(3), 41-3.
- Baker, V. R.** (1996b): "Geomorphology and Global Habitability." *Geomorphology and the Changing Environment in Europe: Plenary Papers of the European Regional Conference of the International Association of Geomorphologists*, Budapest, Hungary: Hungarian Academy of Sciences.
- Baker, V. R.** (1996c): "Modeling Global Change: Why Geologists Should Not Let 'System' Come Between Earth and Science." *GSA Today* 6(5), 8-11.
- Baker, V. R.** (1998): "Hydrological Understanding and Societal Action." *Journal of the American Water Resources Association* 34(4), 819-25.
- Barker, A.**, ed. (1999): *Consuming Russia: Popular Culture, Sex, and Society Since Gorbachev*. Durham, NC: Duke University Press.
- Barker, A.**, and J. Gheith, eds. (2001): *A History of Women's Writing in Russia*. Cambridge, U.K.: Cambridge University Press.
- Beck, C. J., **B. D. Sales**, and R. K. Haan (1993a): "Is Self-representation a Reasonable Alternative to Attorney Representation in Divorce Cases?" *St. Louis University Law Journal (Health Law Symposium)* 37(3), 553-605.
- Beck, C., **B. Sales**, and R. Haan (1993b): *Self-Representation in Divorce Cases*. Chicago, IL: American Bar Association.
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- Bella, A., F. Szidarovszky, and **L. Duckstein** (1996): "An Algorithm for Dynamic Negotiations." *Southwest Journal of Pure and Applied Mathematics* 2, 1-15.
- Benjamin, G. A. H., and **B. D. Sales** (1992a): "Comprehensive Lawyer Assistance Programs: Justification and Model." *Law and Psychology Review* 16, 113-36.
- Benjamin, G. A. H., and **B. D. Sales** (1992b): "Lawyer Psychopathology: Development, Prevalence, and Intervention." *Law and Psychology: The Broadening of the Discipline* (ed: J. R. P. Ogloff) Durham, NC: Carolina Academic Press.
- Bogardi, I., A. Bardossy, and **L. Duckstein** (1996): "Conflict Analysis Using Multiple Criteria Decision Making Under Uncertainty." *Transboundary Water Resources Management: Institutional and Engineering Approaches*. 2d ed. Vol. 7. (eds: J. Ganoulis, L. Duckstein, P. Literathy, and I. Bogardi) Heidelberg, Germany: NATO ASI Series, pp. 139-62.
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*Fellows names are in bold; occasionally citations include multiple fellows.

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