

Cecilia R. Martinez, Ph.D.

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RESEARCH INTERESTS: Energy and environmental policy, urban and community studies; sustainable community and economic development; energy policy, environmental justice, climate policy

EDUCATION

University of Delaware, Newark, Delaware, USA
PhD, Urban Affairs and Public Policy, 1993

- Dissertation Topic: Energy, Technics and Postindustrial Society: the Political Economy of Inequality
- Winner of the Ryden Prize for Best Dissertation in the Social Sciences.
- Specialization: Energy and environmental policy, community development, urban and regional planning, social equity

New Mexico State University, Las Cruces, New Mexico, USA
MPA, Department of Government, 1982

Stanford University, Palo Alto, California, USA
B.S. Political Science, 1979

CURRENT POSITION

Director of Research Programs
Center for Earth, Energy and Democracy

ACADEMIC EXPERIENCE

University of Delaware, College of Earth and the Environment, and Center for Energy and Environmental Policy, Newark, DE

Associate Research Professor 2010-2013

- Taught gradate level courses including Political Economy of the Environment, International Perspectives on Energy and the Environment, Environmental Justice, Agriculture and the Environment.
- Advise and supervise undergraduate students on academic programs, internships, student research.
- Advise and supervise graduate students on sponsored research; advise doctoral dissertations and master's theses and academic programs.
- Supervise CEEP research projects
- Research on energy and environmental policy including community development and environmental justice, and urban planning, climate change and socio-economic impacts

Metropolitan State University, College of Arts and Sciences, St. Paul, MN
Associate Professor and Chairperson 1995-2005

- Taught interdisciplinary undergraduate courses on public policy, community development, ethnic studies, and environmental policy; conducted research
- Developed certificate policy programs for urban communities; partnerships with racial and cultural community organizations; promotion of service learning.
- Administration of department including development of budgets, curriculum planning and development, directing faculty hiring, faculty development, grants and development.
- Advising of undergraduate students and development of community service projects.
- Faculty and staff supervision

University of Minnesota, Humphrey Institute for Public Affairs, Minneapolis, MN
Adjunct Faculty 1998-2002

- Taught graduate course offered by Humphrey Institute for Public Affairs, Chicano Studies Department, American Indian Studies Department, African American and Afro Studies Department
- Coordinated and developed policy curriculum integrating community leaders/experts and faculty under Ford Foundation grant

Macalester College, Department of Political Science, St. Paul, MN
Assistant Professor of Political Science (Fixed Term) 1991-1994

- Teaching and advising undergraduate students, curriculum development

Higher Education Consortium for Urban Affairs, St. Paul, MN
Program Director 1991-1995

- Administration of immersion programs including financial and budgetary oversight; program development
- Grants and fund development
- Coordination with member colleges and universities
- Teaching undergraduate seminars, field experiences, student development including service learning opportunities

University of Delaware, College of Urban Affairs, Newark, DE
Research Associate 1988-1992

PROFESSIONAL EXPERIENCE

Center for Earth, Energy and Democracy at Institute for Agriculture and Trade Policy
Minneapolis, MN

Founder and Director 2008-2010

- Administration of programs including financial and budgetary oversight;

- supervision of staff; organization and program development; strategic planning
- Fundraising including grants and contracts; grants management
- Program assessment and evaluation
- Research and community organizing

Independent Consultant, Saint Paul, MN 2007-2008

- Provided research, organizational technical assistance, evaluation and assessment
- Clients included foundations and philanthropic organizations; state and tribal government; and non-profit organizations

Bush Foundation, Saint Paul, MN

Archabald Bush Leadership Fellow 2005-2007

- Professional development and research in the areas of Indigenous peoples, energy and environmental sustainability. Participated as Visiting Fellow at the National Museum of the American Indian, Center for Energy and Environmental Policy, United Nations Working Group on Indigenous Peoples.

American Indian Research and Policy Institute, St. Paul, MN 1995-2004

Research Director

- Directed research program and supervised staff and research assistants
- Fundraising and grants management; research program administration
- Research program development; coordinated organizational collaborations

PROFESSIONAL SERVICE

U.S. Environmental Protection Agency. National Advisory Committee to the Commission for Environmental Cooperation, U.S. Environmental Protection Agency, Present.

U.S. Environmental Protection Agency. Environmental Justice Technical Review Panel. Scientific Advisory Board. 2014-2015.

U.S. Department of Energy, Technical Assistance Center. Center for Climate Strategies, Project Administrator. Present.

Associate Editor, WIRES Energy Journal, Wiley and Sons, 2010.

Environmental Health Tracking & Biomonitoring Advisory Panel. Minnesota Department of Health, State of Minnesota. 2008-2009.

Institutional Review Board. Minnesota Department of Health. State of Minnesota. 2007-2009.

India Study Group. Collaboration between Center for Energy and Environmental Policy and Prayas Pune, India, (2007 and 2008).

United Nations Working Group on Indigenous Peoples, United Nations. Geneva, Switzerland, (2005).

American Indian Policy Certificate Program. Development of an Indian policy certificate curriculum. In collaboration with the American Indian Policy Center and the University of Minnesota, Duluth Indian Studies program. Metropolitan State University. Funded by Bremer Foundation, St. Paul, MN. (2003).

Research Director. Hispanic Advocacy and Empowerment through Research (H.A.C.E.R.) Provide research assistance -- project included demographic analysis of Latino population in Minneapolis and Dakota County. (2000)

Invisible College. National faculty development project on integration of research, community service and curriculum development. (1997-2000).

PUBLICATIONS

“Protecting Environmental Justice Communities From the Detrimental Impacts of Climate Change.” With Nicky Sheats. Forthcoming in Lemery and Luber eds., Global Climate Change and Human Health. Wiley and Sons.

“Community Food Systems: Energy and Environmental Sustainability.” With Peleg Kremer, Katherine Kuholski, Katherine Kitchener, Cassandra Brunette, John Byrne. A Science, Energy and Technology Project. Report to the State of Delaware. 2013.

“Community Agriculture Best Practice Models.” With Dan Kasper, Peleg Kremer, Katherine deGateno, John Byrne. A Science, Energy and Technology Project. Report to the State of Delaware. 2010.

“Relocating Energy in the Social Commons: Ideas for a Sustainable Energy Utility.” 2009. With John Byrne, and Colin Ruggero. Bulletin of Science, Technology and Society, Vol. 29, No. 2: 81-94.

“Delaware’s Sustainable Energy Utility.” 2009. With John Byrne. Delaware Lawyer, summer issue: 26-31.

“Tribal History and Governments 101: A Minnesota Primer. 2007. Perspectives on Minnesota Politics and Government. 6th Edition. Edited by Steve Hoffman, Angela High-Pippert, and Kay Wolsborn, editors. Pearson Publishing: Boston, Massachusetts.

Green Buildings in Delaware: Challenges and Opportunities. 2008. With B. Van Boekhold, M. Salisbury, J. Byrne, and G. Alleng. A Renewable Energy Applications for Delaware Yearly (READY) Project. Report to the State of Delaware. Newark, DE: Center for Energy and Environmental Policy.

“An Environmental GIS and Health Analysis of the Urban Landscape” 2007. With John Byrne, Amy Roe, Srestha Banerjee, and Joseph Pereira. Center for Energy and Environmental Policy and Women’s Environmental Institute.

Environmental Justice: Discourses in International Political Economy (International Discourses in Political Economy, Energy and Environmental Policy. 2002. Co-edited with John Byrne and Leigh Glover. Rutgers, NJ: Transaction Press.

“The Circle of Life: Preserving American Indian Traditions and Facing the Nuclear Challenge.” 2002. In **Environmental Justice: Discourses in International Political Economy.** With John Poupart. Rutgers, NJ: Transaction Press.

“The Production of Unequal Nature.” 2002. In **Environmental Justice: Discourses in International Political Economy.** With John Byrne and Leigh Glover. Rutgers, NJ: Transaction Press.

“A Brief in Environmental Justice.” 2002. In **Environmental Justice: Discourses in International Political Economy.** With John Byrne and Leigh Glover. Rutgers, NJ: Transaction Press.

Recognizing the Importance of Native Language: A Model for Native Language Revitalization. 2005. Minneapolis, MN: Grotto Foundation.

Community Mapping of Environmental Justice. 2004. Minneapolis, MN Headwaters Foundation for Social Justice.

A Funding Model or Native Revitalization: An Analysis of a 15 Year Initiative of the Grotto Foundation. 2004. St. Paul, MN. Grotto Foundation.

Characteristics of Traditional American Indian Leadership. 2003. With John Poupart. St. Paul, MN: American Indian Policy Center.

Natural Helping Networks: A System of Care and Family Partnerships for Substance Abuse Treatment Workbook. 2003. With James T. Decker, John Red Horse, Willie Elliot, Julie Amik Shingobe, Candi Gile-Aubid, Lee Staples, Amy Cook, Bobbie Jo Wheeler. Northern Kentucky University Department of Social Work and Human Services. Conference sponsored by SAMHSA.

American Indian Data Book and Community Profile. 2002. St. Paul, MN: American Indian Policy Center.

Family Preservation: A Case Study of Indian Tribal Practice. With John G. Red Horse and Priscilla Day. 2001. Seattle WA: National Indian Child Welfare Association and Casey Family Programs.

Family Preservation: Concepts in American Indian Communities. With John G. Red Horse, Priscilla Day, John Poupart and Donald Day. 2000. Seattle, WA: National Indian Child Welfare Association and Casey Family Programs.

To Build A Bridge: An Introduction to Working With Indian Families. 2001. With John G. Red Horse, John Poupart and Dawn Scharnberg. St. Paul, MN: American Indian Policy Center.

American Indian Leadership: Traditional to Contemporary. 2000. St. Paul. American Indian Research and Policy Institute.

"Politics and Big Science: The Case of Nuclear Power" (1996). With John Byrne, in **Governing the Atom: The Politics of Risk.** In *Energy Policy Studies Series*. Transactions Press.

"Waste Away: Environmental Racism and its Cost to Communities of Color." 1992. **Colors.** July/August pp. 18-21.

"The Social Structure of Nature." 1991. With John Byrne and Steven M. Hoffman. In Dennis W. Cheek, ed. **Broadening Participation in Science, Technology and Medicine.** Bloomington, IN: ERIC Clearinghouse for Social Studies/Social Science Education: 67-76.

"Lewis Mumford and the Living City." 1990. With John Byrne. In **Regional Studies Association Newsletter.** (A British Publication). No. 167 (June)

"Ghastly Science." 1989. With John Byrne. **Society.** Volume 27, No. 1:22-24

"The City as Commodity: The Decline of Urban Vision." 1989. With John Byrne, et al. **RAUMPLANUNG** (A German Planning Journal). Volume 46, No. 47:174-178.

"Technological Politics in the Nuclear Age." 1989. With John Byrne and Steven Hoffman. **Bulletin of Science, Technology and Society.** Volume 8, No. 6:580-594.

"Urban Policy without the Urban." 1987. With John Byrne. In **Regional Studies Association Newsletter.** (A British Publication). No. 148 (May/June).

"The Post-Industrial Imperative: Energy, Cities and the Featureless Plain." 1985. With John Byrne and Daniel Rich. Pp. 101-141 in **Energy and Cities.** Volume 2 of the *Energy Policy Studies* series. New Brunswick, NJ: Transaction Books.

Energy and Cities -- Bibliography." 1985. Pp 143-171 in **Energy and Cities.** Volume 2 of the *Energy Policy Studies* series. New Brunswick, NJ: Transaction Books.

"Energy Resource Endowments and U.S. Regional Development." With John Byrne, Insook Han, et al. Presented at the 34th North American Regional Science Association Meeting, Baltimore, MD. (1987)

Evaluation of the Effect of Increased Peak Season Utility Rates on the Residential Sector." 1984. In **PROCEEDINGS OF THE ENERGY CONSERVATION PROGRAM EVALUATION CONFERENCE**. Argonne National Laboratory. U.S. Department of Energy (August):1-50.

PAPERS IN PROGRESS

An Analysis of Energy, Justice and Climate Change: Post Colonial Justice in the Greenhouse. Book project .

Environmentalism and Urban Planning in the Corporate City. With Dr. Robert Warren. To be submitted to Journal of Urban Affairs.

PROFESSIONAL REPORTS

"New Urban Agenda for a New Climate." Position paper prepared for UNFCCC COP-15. With Drs. Kristen Hughes, Mark Alan Hughes, Ali Malkawi, and John Byrne. Copenhagen, Denmark. December 7-18.

"Climate Inequity." Position paper prepared for UNFCCC COP-15. With Ms. Shalini Gupta. Copenhagen, Denmark. December 7-18.

Strategic Planning and Program Evaluation. Taku Skan Skan. Lower Sioux Indian Community, Minnesota. (2008).

American Indian Family Empowerment Program Leadership Institute. Project Coordinator. Developed and coordinated a leadership program for the Grotto Foundation. Sponsored by the W.K.Kellogg Foundation. (2006-2007).

Native philanthropy leadership program. Developed the training institute for Native Americans in Philanthropy. (2006)

Grotto Foundation. Native Language Revitalization Initiative Evaluation. Minnesota. (2004).

Dakota Wicohan. Facilitator for strategic planning for the Dakota language preservation group. Upper Sioux Dakota. Minnesota. (2003).

Environmental Justice Assessment. Consultant for the Headwaters Foundation for Social Justice. Minneapolis, MN. (2004).

Minnesota Environmental Profile: An Analysis of Toxins and Health Risk in Selected Minnesota Communities. (2007)

American Indians and the Minnesota Family Investment Program. A community-based evaluation of MFIP and American Indian women in Ramsey County. (2003)

Evaluation of SAMHSA Substance Abuse Conference. Northern Kentucky University. Department of Social Work and Human Services. (February 18, 19, 20, 2003).

An Assessment of American Indian Health Disparities. State of Minnesota Eliminating Health Disparities Initiative. Sponsored by the Metropolitan Urban Indian Directors. Minneapolis Indian Health Board, fiscal agent. (2003)

An Evaluation of the American Indian Family Empowerment Program. Grotto Foundation. St. Paul, MN. (2002)

Multi-Year Evaluation of the Enterprise Community Program, Minneapolis, MN. Department of Housing and Urban and Development. In collaboration with the Rockefeller Institute of Government, SUNY. (1997, 1998)

A Needs Assessment of Services for American Indians. American Indian Policy Institute. Funded by the Children, Families, and Community Initiative. St. Paul Foundation/Bigelow Foundation. (1997)

Evaluation of the Neighborhood Preservation Initiative. St. Paul, MN. Abt Associates sponsored by the Pew Charitable Trust/St. Paul Foundation Joint Initiative. (1997)

"An Evaluation of Renewable Resources in Asia." 1992. With John Byrne, Young-Doo Wang, et al. Sponsored by the World Bank.

"An Evaluation of a Demand-Side Management Plan for Delaware." With John Byrne, J. Barry Cullingworth, et al. Funded by the Delaware Public Service Commission. (1989)

"An Analysis of Delaware Household Electricity Demand." 1984. Pp. 96-118 in **RESIDENTIAL ELECTRICITY DEMAND: THE EFFECT OF RATE POLICIES, INFORMATION AND INCOME.** With John Byrne, Daniel Rich, Francis Tannian and Young-Doo Wang. Prepared for the Delaware Public Service Commission.

"Residential Electricity Consumption Analysis." With John Byrne, Daniel Rich, Francis Tannian and Young-Doo Wang. Funded by the Delaware Public Service Commission. Project duration--1983-1984.

PRESENTATIONS, WORKSHOPS, AND CONFERENCES

Midwest Environmental Justice Convening. Sponsored by Headwaters Foundation. October 2010.

"An Urban Agenda for the New Climate. United Nations Framework Convention on Climate Change, Conference of Parties 15, Copenhagen, Denmark, December 2009.

Ananya Dance Theatre Collaboration. Provided technical expertise for a trilogy of performances on environmental impacts on women of color. Professional dance

performances at the Southern Theater in Minneapolis, MN 2002007, 2008, 2009.

“Climate Principles for Social and Environmental Sustainability.” Advancing Climate Justice: Transforming the Economy, Public Health, and our Environment. New York, City, New York, January 2009.

“Solar Cities: An International Movement.” New York City Solar Summit, New York City sponsored by International Solar Cities, 2008.

“Theory and Praxis: Using the Arts to Engage Community Environmental Issues.” Invited Presentation for the Conference on Science and Values, St. Paul, MN, 2008.

“Food Sovereignty and Climate Change.” Presented on behalf of the Institute for Trade and Agricultural Policy, Environmental Leadership Program. 2008.

“The Wedge Theory and Climate Stabilization: A Critique.” Environmental Leadership Program. New Jersey Institute of Technology. July 2007.

“Indigenous Peoples and the Water as a Commons. Presented at the 4th World Water Forum, Mexico City, Mexico, March 2006.

“An Urban Analysis of Cultural Wars and Environmental Justice.” Environmental Justice Conference. Macalester College. February 25, 2006.

“The Commodification of Native Culture: Appropriation of Environment” Conference on Issues in Indian Country. Sponsored by Indigenous Peoples Task Force and the Minnesota NACT under a grant from the Robert Woods Johnson Foundation. White Earth Reservation, MN. November, 2005.

“Environmental Justice and the Midwest Region: A survey of grassroots environmentalism.” The Minnesota Environmental Groups Association. Minneapolis, Minnesota. April 21, 2004.

“Environmental Racism: The Native Experience.” Panelist for the Amaker Public Interest Lawyers Group, Indiana University School of Law. Indianapolis, Indiana. March 27-28 2004

Planning Committee Member. Facilitator, “Curriculum Development and Assessment.” Minnesota Ethnic Studies Conference. 2004.

“American Indian Women: Gender Definitions and Traditional Values in Contemporary Society” Presentation for American Indian Family Center, St. Paul, MN. 2003.

“Traditional Practices and American Indian Family Preservation: Alternative Models for Child Welfare Services.” Ramsey County Human Services. Four-part workshop conducted for Ramsey County Health and Human Services. 2003.

"U.S. Nuclear Policy and the Struggle for American Indian Political and Legal Sovereignty." Presented at the Contemporary Issues in Environmental and Energy Policy. Sponsored by the Center for Energy and Environmental Policy and the Graduate School of Urban Affairs and Public Policy. University of Delaware. 2002.

"American Indian Family Preservation." National Indian Child Welfare Association Conference. April, 2001. Anchorage, Alaska.

American Indian Family Preservation. Child Welfare League of America." Child Welfare League of America. Denver, CO. 2001.

Co-organizer. Environmental Issues in Indian Country. Sponsored by the American Indian Research and Policy Institute. St. Paul, MN. 1999.

Co-organizer. Ethnic Studies in the 21st Century Conference. In collaboration with the University of Minnesota African and African-American Studies Department. 1998.

"Perspectives on Environmental Leadership: Research Agendas in the Modern Era." Sponsored by the University of Minnesota Women in Natural Resources Center. University of Minnesota, 1998.

Co-organizer. Thinking, Teaching, Public Policy and Social Change In Communities. Co-sponsored with the University of Minnesota Afro- and African American Studies Department, with support from the Ford Foundation. 1998.

"Community Development and the New Inequality." Presented at the National Gathering for Service Learning. Providence, Rhode Island. May 1995.

"Genetics and the Impacts on Women of Color." Panelist for Cultural Heritage Week. University of Minnesota at Morris. April 1995.

"Abandoning Social Agency: Urban Realities from the 60 to the 90s." Invited Speaker to the Haas Center for Public Service, Stanford University, Stanford, Ca., Spring 1995.

Moderator for the panel, **TECHNOLOGY, DEVELOPMENT AND THE ENVIRONMENT: AN INTERNATIONAL PERSPECTIVE**, and presenting, "The Political Economy of Nuclear Power: Industrial Commodification of Indian Places and Community." The National Association for Science, Technology and Society Conference, Washington D.C. March, 1995.

"Race and Class Challenges to the Peace Studies Movement." 1992. Invited Panelist at the Peace Studies Conference, Boulder, Colorado.

"Environmental Commodification and the Industrialization of Native American Lands." 1992. With John Byrne and Steven Hoffman. Presented at the Annual Meetings of the National Association for Science, Technology and Society.

AWARDS and PUBLIC SERVICE

- Recipient Maya Wiley Fellowship. Center for Social Inclusion, 2015.
- Recipient St. Paul Foundation Facing Race Ambassador Award, 2014.
- Board of Directors, Minneapolis American Indian Center. Present
- Board of Directors, Ain Dah Yung, St. Paul , MN, 2000 – 2012.
- Board of Directors, Nawayee Center School, Minneapolis, MN, 2008 – 2014.
- Advisory Board Member, Two Feathers Fund, St. Paul Foundation, St. Paul, MN, 2008-2009
- Center for Energy and Environmental Policy Alumni Achievement Award. 2006.
- Board of Directors, Headwaters Foundation for Social Justice, 2000-2005.
- Visiting Research Fellow, National Museum of the American Indian, Smithsonian Institution, Washington DC, 2005.
- Financial Committee. YWCA, Minneapolis, MN, 2001-2002.
- Elected Board of Directors, Independent School District #199, 1995-2000
- Mark Haskell Award in Political Economy. College of Urban Affairs and Public Policy. 1990

REFERENCES

Dr. Daniel Rich. University Professor of Public Policy in the College of Human Services, Education and Public Policy. drich@udel.edu; 302-831-6835;
http://udapps.nss.udel.edu/experts/327002485-Daniel_Rich

Dr. Robert Warren. Professor, School of Urban Affairs & Public Policy and Center for Energy and Environmental Policy; Senior Management Fellow, Institute for Public Administration. rwarren@udel.edu; 302-831-1686;
<http://www.ipa.udel.edu/directory/homepages/warren.html>

Dr. Edward Valandra. Chair, Department of Indian Studies. University of South Dakota. E_valandra@hotmail.com; 605-624-4550

Dr. Kristen Hughes. University of Pennsylvania. Khughes99@hotmail.com; 254-228-3127