NANCY E. BRUNE, PH.D.

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EDUCATION

Yale University, New Haven, CT

Ph.D. 2006. Political Science (emphasis on political economy). Dissertation: *Financial Liberalization in the Developing World*

Harvard University, John F. Kennedy School of Government, Cambridge, MA

Master of Public Policy. 1996. Specialization in Finance and Development.

Harvard College, Cambridge, MA

A.B. in Government, cum laude. 1991. Honors Thesis, magna cum laude.

Other

Awarded a certificate of completion for the National Hispana Leadership Institute Fellows program, January 2013, Harvard University, John F. Kennedy School of Government, Executive Education

PROFESSIONAL EXPERIENCE

Executive Director, Kenny Guinn Center for Policy Priorities, Nevada

2013-present

- Serve as chief executive of bipartisan policy center in Nevada.
- Conduct research and analyze critical issues in areas of education policy, economic development, tax and fiscal policy, science and technology, health policy, and natural resource security.
- Develop innovative and effective public engagement tools and programs.
- Responsible for all activities related to program development, grant solicitation and management, public relations, and community outreach.
- Oversee and coordinate all aspects of budgeting and financial management, and human resource issues.

Adjunct Senior Fellow, Center for a New American Security, Washington, D.C.

2012-2014

- Researched and published policy briefs and opinion pieces on energy and environmental security issues, including U.S. energy boom and geopolitical implications, climate and security in the Asia Pacific, water-energy security nexus, disaster preparedness and risk reduction, ocean conservation and military planning, operational energy, and Arctic strategy.
- Organized and led Unconventional Energy and U.S. National Security Task Force and Climate and Security in Asia working group.
- Founding member of Climate and Security Working Group.

Senior Policy Analyst, Sandia National Laboratories, Albuquerque, NM

2010-2013

- Conducted research and analyzed critical issues in areas of national security, energy security, natural resources, infrastructure resiliency and disaster preparedness, nonproliferation, and homeland security.
- Lead investigator for 3 studies examining security architectures in Canada, Latin America, and Africa.
- Member of research team for studies assessing: nonproliferation; global energy security; and migration, climate, and conflict nexus in Africa.
- Served as program manager for Climate Change and Human Impacts program and Arctic program.
- Supported Human Resilience/Environmental Security Project and wrote a case study on Nigeria to illustrate the ways in which environmental stress can interact with underlying tensions to trigger conflict.
- Successfully managed \$1M in externally funded work; managed staff/research teams of 4-10 people.

Adjunct Instructor, Nevada System of Higher Education, Las Vegas, NV

2007-present

- Teach Leadership class at Nevada State College.
- Teach introductory American Politics and World Geography classes at the College of Southern Nevada.
- Taught introductory American Politics and World Politics at the University of Nevada at Las Vegas.

Instructor, Anderson School of Management, University of New Mexico, Albuquerque, NM 2010-2011

• Taught Business and Society undergraduate class.

Director of Policy, Institute for Security Studies, University of Nevada, Las Vegas, NV

2007-2010

- Conducted research and analyzed national, homeland and energy security issues.
- Directed *Energy Security Policy Initiative* and all related financial, program and personnel activities.
- Built collaborative relationships with academic institutions, research organizations and law enforcement agencies, and supported program and organizational development.
- Responsible for all activities related to program/project development, grant solicitation and management.

Research Fellow, Niehaus Center for Globalization & Governance, Princeton University, NJ 2005-2006

• Conducted research on development, trade, public sector reforms, and market reforms.

Macroeconomist/International Strategy Consultant, J.P. Morgan Chase, NY, NY

2005

- Analyzed macroeconomic environment, legal and regulatory frameworks and financial sector development in emerging markets (Brazil, China, India, Mexico, Russia and South Korea).
- Assessed market size/potential demand for retail banking products in emerging markets (e.g., China).

Consultant/Research Associate, Harvard School of Public Health, Boston, MA

2002-200

- Collaborated with International Health Systems Program team on the management, design and analysis of projects aimed at reforming health care systems in developing countries.
- Authored household survey data-based (peer-reviewed) studies and reports assessing the impact of training programs on community participation and development.

Research Associate, International Institute, University of California, Los Angeles, CA

2002-2005

- Analyzed trade and globalization data, global governance, and conflict.
- Compiled and managed original, global datasets on privatization and financial liberalization that have been used by economists at Harvard Business School, the World Bank, the IMF and the OECD.

Consultant, World Bank, Washington, DC

2003-2004

- Provided research support for better governance and institutional development project in Ecuador.
- Analyzed the economic and political costs of the mismanagement of public resources in Ecuador and helped compile and edit the Project Appraisal Document (PAD).
- Final product established a new prototype for internal evaluation and approval process.

Special Assistant to the President, Overseas Private Investment Corporation, Washington, DC 1998-2001

- Analyzed trends in trade, export growth, risk management, and investment for senior management of an agency that helps U.S. businesses invest overseas.
- Assessed regulatory constraints and project/sovereign risk, and analyzed the impact of proposed finance and insurance projects on the U.S. economy and host-country development.

PEER-REVIEWED PUBLICATIONS

<u>The Salience and Complexity of Building, Regulating, and Governing the Smart Grid: Lessons from a Statewide Public-Private Partnership.</u> 2014. *Energy Policy*. Volume 74, November 2014: 243–252 (with Chris Koliba, Mercy DeMenno, Asim Zia).

<u>The Diffusion of Financial Liberalization Across Regional Integration Agreements (RIAs) in Developing</u> Countries. August 2014. *Foreign Policy Analysis*. (with Alexandra Guisinger).

Sub-Saharan Africa Regional Architecture Analysis. 2013. Sandia Report. (Brune et al).

South America Regional Architecture Analysis. 2012. Sandia Report. (Brune et al).

Canada Architecture Analysis. 2012. Sandia Report. (Brune et al).

Mexico and Central America Regional Architecture Analysis. 2011. Sandia Report. (Longley, Patel, Brune).

Building Social Capital in Post-Conflict Communities: The Case of Nicaragua. 2011. Social Science and Medicine Volume 68(5): 885-893 (with T. Bossert).

<u>The Globalization Rorschach Test: International Economic Integration, Inequality, and the Role of Government</u>. 2005. *Annual Review of Political Science*. Vol. 8: 399-423. (with G. Garrett)

<u>The International Monetary Fund and the Global Spread of Privatization</u>. *IMF Staff Papers*. August 2004. Vol 51(2): 195-219. (with Geoffrey Garrett and Bruce Kogut).

OTHER PUBLICATIONS (SELECTED)

Constraining Capital Control Reversals. March 2016. (with Alexandra Guisinger).

The Impact of the U.S. Shale Boom on Africa. Fall/Winter 2015. Journal of International Affairs Vol 69:1.

Climate, Security, and Reform. November 2015. In Femia and Werrell, *Climate Change, Security & the Asia-Pacific Rebalance*, edited volume (The Center for Climate and Security: Washington, DC).

<u>Advisory Committee Must Proceed with Caution</u>. *Las Vegas Review Journal*. October 11, 2015. (with Victoria Carreón).

Breaking up is to do: Issues for Consideration in the Deconsolidation of the Clark County School District. October 2015. Guinn Center for Policy Priorities: Nevada.

<u>Bipartisanship Needed to Address Climate Change</u> (Op-ed). *Reno Gazette Journal*. September 30, 2015. <u>Increased Education Spending Must Improve Student Outcomes</u> (Op-ed). *Las Vegas Review Journal*. July 15, 2015. (with Victoria Carreón)

Comparison of 2015 Nevada Tax Proposals. April 2015. Guinn Center for Policy Priorities: Nevada.

The Business License Fee: What We Still Don't Know- Questions for Legislators. March 2015. Guinn Center for Policy Priorities: Nevada.

<u>School choice should not leave rural Nevadans behind</u>. *Reno Gazette Journal*. February 24, 2015. (with Victoria Carreón)

Examining Nevada's Education Priorities: Which Initiatives are Worth the Investment? February 2015. Guinn Center for Policy Priorities and Nevada Succeeds: Nevada.

Fact Sheet on Question 2: Nevada Constitutional Amendment. October 2014. Guinn Center for Policy Priorities: Nevada.

<u>Tesla Deal Underscores Need for Continued Reforms</u> (Op-ed). *Reno Gazette Journal*. September 14, 2014. Development Incentives: A Guide for Nevada's Legislators. September 2014. Guinn Center for Policy Priorities: Nevada.

The State of Latinos in the Intermountain West: Building the Infrastructure of Opportunity. June 2014. Guinn Center for Policy Priorities: Nevada.

<u>The Rebalance to Asia: Implications for U.S. Military Energy Use.</u> Center for National Policy/Truman National Security Project. April 2014. (with Stacy Closson).

<u>Energy: Latin America's Growing Heft in Global Oil Markets</u>. Prepared for Aspen Institute Congressional Program. February 2014.

Fact Sheet on The Education Initiative (Margin Tax). February 2014. Guinn Center for Policy Priorities.

Good state budget planning can help build a strong economy (Op-ed). Las Vegas Sun. February 11, 2014.

Security and Networks in the Atlantic Basin. 2014. In Dan Hamilton et al, <u>Dark Networks: Emerging Trends and Implications for Human Security</u>, edited volume. (Johns Hopkins University Center for Transatlantic Relations and Brookings Institution).

Safe Streets, Safe Cities. Winter 2014. Americas Quarterly.

Sustainable Resilience and the Spill-Over Effect. 2013. (with V. Tidwell, G. Backus, A. Bier, D. Villa, T. Brown, K. Proctor, E. Kistin-Keller, and N. Hayden).

Geopolitical Implications of the U.S. Energy Boom. 2013. Center for a New American Security. Working Paper.

Nuclear Terrorism in Sub-Saharan Africa. 2013. Project on Nuclear Issues (with K. Proctor).

U.S. AID Supports Disaster Risk Reduction, Resiliency and Climate Adaptation Engagement in Asia Pacific. *CNAS Natural Security Blog.* May 30, 2013.

Space, Satellites and Security: Expanding U.S. – Japan Cooperation. May 2013. Working Paper. Center for A New American Security.

Drivers of Instability and Conflict in Africa. CNAS Natural Security Blog. April 24, 2013.

The eEnergy Vermont Collaborative: Bringing the Smart Grid to the State of Vermont. 2013. Jeffords Center for Public Policy, University of Vermont.

Climate Change and Infrastructure, Urban Systems, and Vulnerabilities. 2012. Thomas Wilbanks and Steven Fernandez (eds.). Island Press.

Cities After Sandy: Climate Change and Urban Resiliency. World Politics Review. November 7, 2012.

Urbanization and Climate Change. Global Trends 2030 Blog. August 24, 2012.

The Browning of the Green Movement. *Comunicacion*. Las Vegas Latin Chamber of Commerce. Sept. 2012.

<u>Urbanization, Security and Resiliency</u>. *Global Trends* 2030 Blog. July 21, 2012.

Moving to Cooler Temperatures. CNAS Natural Security Blog. July 12, 2012.

Long term interests suggest no change in strategy (Op-Ed). Las Vegas Sun. March 22, 2012.

Sub-Saharan Africa and the Arab Spring. World Politics Review. December 20, 2011.

The Brazil-Africa Narco Nexus. Americas Quarterly. October 2011.

Nigeria's Election Highlights Challenges Ahead. World Politics Review. April 22, 2011.

50 Years Later: OPEC's Continuing Threat to American Security. 2010. Journal of Energy Security.

Latin America: A Blind Spot in U.S. Energy Security Policy. Journal of Energy Security. July 2010.

Democrats' immigration bill a step toward security, fairness (Op-Ed). Las Vegas Sun. June 6, 2010.

While we were Sleeping. The Moderate Voice blog. May 21, 2010.

The Impact of Sovereign Wealth Funds: Passive Investors or National Security Threat? In *The Impact of the Growth of Sovereign Wealth Funds*. Windsor Energy Group, eds. 2009. Windsor Energy Group/Arab Financial Forum: London.

Supporting the Information Sharing Environment: Improving Liaison between the Commercial

Facilities Sector and Intelligence Fusion Centers. Center for Infrastructure Protection. Vol. 8(6): 7-8, 32) (with R. Coullahan and R. Bryant).

<u>Fueling America's Options: The Future of Energy Security</u> (DVD). 2009. Wrote script, prepared graphic materials and secured appearances of U.S. Congresswomen from Nevada for DVD.

Measuring Our Wealth. 2008. For Bernard Schwartz Forums on Economic Policy (NDN: Washington, DC). Pills and Politics: The Political Economy of Contraceptive Security in the Developing World. 2005. Harvard School of Public Health: Boston, MA. For Management Sciences for Health and the U.S. Agency for International Development.

The Mismanagement of Public Resources and Related Inefficiencies in Ecuador. 2004. In Foundations for Institutional Reform in Ecuador. World Bank: Washington, DC.

ORIGINAL DATABASES

- Global Privatization Database. 2010. Compiled an original database of more than 16,000 global privatization transactions in more than 165 countries over period 1985-2007 that includes information on the privatized enterprise, the year it was sold, its sectoral identification, the value of the transaction, the name/national origin of the purchaser, the share sold, and the method of privatization.
- <u>Financial Openness Index (FOI) Database</u>. 2011. Compiled original financial openness index for 187 countries over period 1965-2009 that measures controls on inflows and outflows for money credit operations, invisible transactions, capital & money market securities, direct investment, provisions specific to banks and dual/multiple exchange rate arrangements.

These original databases have been used by researchers at Harvard Business School, Harvard University, <u>University of California at Berkeley</u>, Princeton University, Organization for Economic Cooperation and Development, the International Monetary Fund, and the Inter-American Development Bank.

CONFERENCE PARTICIPATION/ PUBLIC PRESENTATIONS

Women's Research Institute of Nevada. Invited panelist, *NEW Leadership Conference*. Las Vegas, June 2016. Columbia University Journal of International Affairs. Invited panelist, *Thought Leadership Forum*. New York, January 2016.

Ecologic Institute. Invited panelist, *The Future of the Atlantic Hemisphere*. Washington, DC, November 2015.

Lions Club, Las Vegas. Invited speaker. October 2015.

Reno Sunset Rotary Club. Invited speaker. October 2015.

UNLV Senior Soap Box, Invited speaker. September 2015.

Various Las Vegas Rotary Clubs. Invited speaker. March, June 2015.

Gear Up STEM Conference. Invited speaker. February 2015.

The National Association for Bilingual Education (NABE) Conference. Invited keynote speaker, *Context of Latino Research in Nevada and Top 5 Critical Considerations*, Las Vegas, March 5-7, 2015.

The German Marshall Fund. Invited participant, *The Atlantic Dialogues 2014*, Morocco, October 24-26, 2014.

UNLV Office of Diversity Initiatives. Invited panelist, *Women in Leadership through the Eyes of Latina Women in Southern Nevada*, Las Vegas, October 17, 2014.

Great Basin College. Invited speaker, *Building the Infrastructure of Opportunity for Latinos in Nevada*, Elko, Nevada, September 18, 2014.

Guinn Center. *Building the Infrastructure of Opportunity for Latinos in Nevada*, Las Vegas, June 30, 2014. Latino Network of Southern Nevada Summit. Invited speaker, *The State of Latinos in Nevada*. March 2014.

Aspen Institute Congressional Program. Invited speaker, *Latin America's Changing Economies, Societies & Politics: Opportunities and Challenges for the U.S.* Cartagena, Colombia, February 2014.

Project on Nuclear Issues. Invited speaker, *Nuclear Terrorism in Sub-Saharan Africa*. Sandia National Laboratories. June 2013.

LBJ School of Public Affairs/U.S. Africa Command. Shifting Conflict Patterns in Africa: Drivers of Instability and Strategies for Cooperation. Invited panelist, *Demographic Drivers of Instability and the Regional Security Architecture*. April 15-16 2013.

National Council for Science and the Environment. Moderator, *Informing Disaster Resilience Policy;* Invited panelist, *Tools for Informing Disaster Preparedness and Planning.* January 2013.

Center for Transatlantic Relations Atlantic Basin Conference. Invited speaker, *Security in the Atlantic Basin*. September 2012.

National Council for Science and the Environment: Environment and Security. Convener/Panelist, *Energy-Water-Security Nexus*; Convener/Moderator, *Models and Decision Support for Understanding Risk*, Climate Disruption and Security. January 2012.

Political Economy of International Organizations 6th Annual Conference. Invited participant, *Unpacking the Black Box: The Diffusion of Financial Liberalization in Developing Countries*. January 2012.

Smart Grid Policy: Pathways for Improving the Global Environment. Invited speaker, Distributed Generation & Energy Storage Technologies: Policy & Regulatory Challenges. Vermont Law School, August 2011.

Stockholm International Water Week. Invited speaker, Energy-Water-Security Nexus. August 2011.

Powering the Future: The Vermont Smart Grid and Beyond Conference, University of Vermont. 2011. Moderator, Smart Grid & the Policy Landscape.

Pacific Council on International Policy. Invited speaker, Energy Security in Latin America. November 2010.

Project on Nuclear Issues/CSIS. Capstone Conference. Invited speaker, The Nonproliferation Treaty. November 2010.

Globalization and Natural Resources Conference, University of Pittsburgh. Invited participant, Financial Liberalization and Natural Resources. 2010

Rotary Club, Las Vegas. Invited speaker, *Energy Security*. February 2008.

WAND. Keynote speaker, *Homeland Security*. December 2008.

Conference on Multinational Corporations, Washington University at St. Louis. Invited participant, The Diffusion of Foreign Direct Investment. March 2007

European Consortium for Political Research (ECPR), Cyprus. Invited participant. Financial Liberalization in the Developing World. May 2006

Global Conference on Business and Economics, Harvard University. Invited participant, Financial Liberalization in the Developing World. October 2006

LEADERSHIP

Member, Council on Foreign Relations (2014-)

Member, Pacific Council on International Policy (2010-)

Member, International Institute for Strategic Studies (2012-)

Member, International Women's Forum, Nevada Chapter (2014-)

Member, Energy & Environment Expert Insiders, National Journal (2013-2015)

Member, U.S. Global Leadership Coalition (2015-)

Founding Member, Climate and Security Working Group

Selected Participant, National Hispana Leadership Institute Executive Leadership Program (2013)

Election Observer, National Democratic Institute, Nigeria, April 2011

Member, International Advisory Board, Journal of Energy Security

Fellow, Truman National Security Project

Graduate, Leadership Las Vegas, Las Vegas Chamber of Commerce, Class of 2010

COMMUNITY SERVICE

Appointed Member, Blue Ribbon for Kids Commission, Nevada (2015)

Chair/Appointed Member, Institutional Advisory Council, College of Southern Nevada (2014-2018)

Board Member, Goodwill Industries of Southern Nevada (2014-)

Appointed Member, Advisory Council on STEM, Nevada (2013-2016) (Appointed by Senate Leadership)

Appointed Member, English Mastery Council (2013-2016) (Appointed by the Governor)

Appointed Member, Knowledge Fund Advisory Council, Governor's Office of Economic Development, NV Appointed Member/Chair, UAS Proposal Review Panel, Knowledge Fund Advisory Council, Governor's Office of Economic Development, NV (2014-)

Leadership Committee, Opportunity Alliance Nevada (2015-)

Appointed Member, Clark County School District School Comparison Report Committee (2014-2015)

Board Member, Jobs for America's Graduates Nevada (JAGNV) (2014-)

Appointed Member, Clark County Department of Social Services Citizen Advisory Committee (2012-2015)

Executive Committee Member, Nevada KIDS Count (2014-)

Vice-President, Southern Nevada Public Television (2016-2018); Board Trustee (2014-); Chair, Government Relations Committee

Board Member, Outside Las Vegas Foundation (2013-2019); Chair, Education Committee (2015-)

Member, Regional Transportation Commission's Transportation Access Advisory Committee (2013-)

Appointed Member, Yale Graduate School Alumni Association Executive Committee (2013-2016)

Board Trustee, Discovery Children's Museum (2012-2018)

Appointed Member, Urban Land Institute Smart Growth Committee, Clark County (2012-2014)

Appointed Member, Clark County School District Results Work Stream Committee (2013)

Board Member, Girls on the Run Las Vegas (2010-2014); Grant writer, Secretary.

Board Member, Nevada Wilderness Project (2009-2013); Secretary.

Board Member, Create a Change Now (2010-2013); Grant writer.

Selection Committee Member, Bolden Internship (2014, 2015)

(Bilingual) Court Appointed Special Advocate (CASA) for three children in foster care (2008-present)

Appointed Member, Clark County Committee on Community Priorities (2009-2010)

(Bilingual) Certified Mediator, Neighborhood Justice Center (2008-2012)

Member, Las Vegas Latin Chamber of Commerce (2007-2008, 2012-2014)

Member, Red Cross Disaster Action Team (2007-2012)

Volunteer, Safe Faith United (led resume writing workshops for Latina victims of domestic abuse) (2011)

AWARDS

Women Who Mean Business, Las Vegas Business Press, Nevada (2015)

Woman of Distinction Finalist, National Association of Women Business Owners (NAWBO), Nevada Chapter (2015)

Selected Participant, National Hispana Leadership Institute Executive Leadership Program (2012-2013)

Fellow, American Marshall Memorial Fellowship (2009), declined

Fellow, Program for U.S. Young Hispanic Leaders (2001)

Ford Foundation Doctoral Dissertation Fellowship for Minorities

National Hispanic Scholarship

Yale University Sterling Prize (awarded to top graduate student in incoming class)

LANGUAGES AND FOREIGN WORK EXPERIENCE

Languages: Spanish (Fluent), Portuguese (working command)

Country Experience: Brazil, Bolivia, Canada, Colombia, Ecuador, Mexico, Nicaragua, Nigeria, and the Philippines.