

Updated August 2021

NANCY MARTORANO MILLER

University of Dayton, Department of Political Science
300 College Park, Dayton, Ohio 45469-1425
937-229-4995

Nmiller1@udayton.edu

Current Positions

Associate Professor (Tenured August 2008), Department of Political Science, University of Dayton

Past Administrative Positions

Associate Director of Research, University Honors Program, University of Dayton 2015-2021

Educational Background

Ph.D.	Political Science	Rice University	2002
M.A.	Political Science	Rice University	2000
B.A.	Political Science	Clemson University	1995

Fields of Specialization

Legislative Process, State Politics, Political Parties and Interest Groups, Urban Politics, Research Methods

Teaching Experience

University of Dayton	Associate Professor	2008-present
University of Dayton	Assistant Professor	2002-2008
Rice University	Instructor/TA	1996-2002
Houston Community College-SW	Adjunct Instructor	2001

Undergraduate Courses Taught

State and Local Politics, Political Analysis, Political Science Capstone, Interest Group Politics, American Political Systems

Graduate Courses Taught

State and Local Government, Applied Research Techniques, Quantitative Methods in Public Administration

Professional and University Service

Associate Editor, <i>State Politics and Policy Quarterly</i>	June 2009-June 2014
Executive Council Member, APSA State Politics and Policy Section	2006-2008
Editorial Board Member, <i>Legislative Studies Quarterly</i>	2010-2012
Interim Director of Undergraduate Studies (Department-level)	2014-May 2015
Roesch Chair in Social Sciences Search Committee (College-level)	2009-2010
College of Arts and Sciences Tenure and Promotion Committee, Chair (2013-14)	2011-2014
Associate Director of Research, University Honors Program (University-level)	2015-present
Academic Advising Models Task Force (University-level)	2017-2018
College of Arts and Sciences Lecturer Promotion Committee, Chair (2019-present)	2019-2020
Path Forward - Faculty Processes Subgroup (University-level)	July/August 2020
Barbara Sinclair Lecture Award Selection Committee (APSA)	2020-2021

Keynote Addresses, Invited Talks and Awards

OhioHealth Gerlach Center for Senior Health (October 2016), "Navigating the 2016 Election."

State University of New York, University at Buffalo (January 2015), "The Ties That Bind: Exploring Constitutional Restrictiveness in U.S. State Legislatures."

Updated August 2021

Rothermere American Institute at Oxford University (September 2014), Keynote Speaker, “The Rights of the Political Minority,” conference. The title of the address is “Disappearing Quorums, Big Berthas and Critical Mass: Minority Party Obstruction in the States.”

Ohio State University Department of Political Science (October 2013), “With One Hand Tied Behind Their Backs: Understanding External Constraints on State Legislatures.”

Alan Rosenthal Prize (American Political Science Association Legislative Studies Section) (August 2007) awarded to the best book or article published by a junior scholar that has potential value to legislative practitioners. The award was for the article “Balancing Power: Committee System Autonomy and Legislative Organization,” *Legislative Studies Quarterly*. (May 2006).

Major Publications

“An Alternative Route to Voting Reform: the Right to Vote, Voter Registration, Redistricting and U.S. State Constitutions,” *Publius: The Journal of Federalism*. (Summer 2019) with Keith E. Hamm, Maria Aroca and Ronald D. Hedlund.

“Legislative Politics in the States.” In *Politics in the American States: A Comparative Analysis*, 11th ed., eds. Virginia Gray, Russell L. Hanson and Thad Kousser. Washington, D.C.: CQ Press (2017) with Keith E. Hamm.

“Constrained Behavior: Understanding the Entrenchment of Legislative Procedure in American State Constitutional Law,” *Albany Law Review*, (2015) with Keith E. Hamm and Ronald D. Hedlund.

“State Legislatures,” *The Oxford Handbook of State and Local Government*, Donald P. Haider-Markel (ed). Oxford, UK: Oxford University Press. (2014) with Keith E. Hamm and Ronald D. Hedlund.

“The Coingate Effect: The Impact of Scandal on Attitudes Toward State and Federal Political Actors,” *The Social Science Journal*, (March 2012) with Stacy G. Ulbig.

“Partisan Stacking on Legislative Committees,” *Legislative Studies Quarterly*, (May 2009) with Ronald D. Hedlund, Kevin Coombs and Keith E. Hamm

“Measuring State Legislative Committee Power: Change and Chamber Differences in the 20th Century,” *State Politics and Policy Quarterly*, (Spring 2006), with Keith E. Hamm and Ronald D. Hedlund.

“Balancing Power: Committee System Autonomy and Legislative Organization,” *Legislative Studies Quarterly*. (May 2006).

“Cohesion or Reciprocity? Majority Party Strength and Minority Party Procedural Rights in the Legislative Process,” *State Politics and Policy Quarterly*. (Spring 2004).

“Structuring Committee Decision Making: Rules and Procedures in U.S. State Houses and Senates.” *Journal of Legislative Studies*. (Summer 2001), Vol. 7, No. 2, with Keith E. Hamm and Ronald D. Hedlund.

“A Transforming South: Exploring Patterns of State House Seat Contestation,” *American Review of Politics*. (Spring/Summer 2000), with R. Bruce Anderson and Keith E. Hamm.

Minor Publications

Updated August 2021

“More Americans are suing over gerrymandered state maps – but the Supreme Court is not likely to step in,” *TheConversation.com*, May 28, 2019 (<https://theconversation.com/more-americans-are-suing-over-gerrymandered-state-maps-but-the-supreme-court-is-not-likely-to-step-in-116873>) (picked up by over 20 mass media outlets including Salon, UPI, Route Fifty, Houston Chronicle)

“One-party rule in 49 state legislatures reflects flaws in democratic process,” *TheConversation.com*, February 20, 2019 (<https://theconversation.com/one-party-rule-in-49-state-legislatures-reflects-flaws-in-democratic-process-109395>) (picked up by over 10 mass media outlets including Pennsylvania Capital Star, Utica College Public Affairs, San Antonio Express)

“Representation,” In *Political Encyclopedia of U.S. States and Regions*, Donald P. Haider-Markel, Michael Card, Keith Gaddie, Gary Moncrief and Kenneth Palmer, (eds.), Washington , DC : CQ Press. (2008).

“Professionalized Legislature,” In *Political Encyclopedia of U.S. States and Regions*, Donald P. Haider-Markel, Michael Card, Keith Gaddie, Gary Moncrief and Kenneth Palmer, (eds.), Washington , DC : CQ Press. (2008).

“Law-Making,” In *Political Encyclopedia of U.S. States and Regions*, Donald P. Haider-Markel, Michael Card, Keith Gaddie, Gary Moncrief and Kenneth Palmer, (eds.), Washington , DC : CQ Press. (2008).

“Whip,” In *Political Encyclopedia of U.S. States and Regions*, Donald P. Haider-Markel, Michael Card, Keith Gaddie, Gary Moncrief and Kenneth Palmer, (eds.), Washington , DC : CQ Press. (2008).

“National States’ Rights Party, 1958-1984,” In *The Encyclopedia of Third Parties in America*, Immanuel Ness and James Ciment, (eds.), Armonk, NY: Sharpe Reference (2000).

External Research Grants Funded

NSF Dissertation Improvement Grant: “Theories of Legislative Organization and the Development of U.S. State Legislative Committee Systems” (Co-PI/Dissertation chair – Keith Hamm, Rice University). August 2000-July 2002. Funding Agency: Political Science Program, National Science Foundation. Amount: \$8,100.

External Research Grant Applications Unfunded

NSF Political Science Program – “But It’s Not Our Fault! Do Citizens Hold State-Level Public Officials Accountable for the Activities of National-Level Public Officials?” (Co-PI Stacy G. Ulbig, Sam Houston State University) Amount requested: \$332,279.

Internal Research Grants Funded

College of Arts and Science Liberal Arts Catalyst Grant: “The Diffusion of Ideas in State Constitutions” July 202-May 2022. Amount: \$13,002

College of Arts and Science Liberal Arts Catalyst Grant: “Applying the Institutional Grammar Syntax Framework to the Study of Public Policy in State Constitutions” May 2018-June 2019. Amount: \$4994

University of Dayton Summer Research Fellowship: “Punishing the Statehouse for the Sins of Congress: Do State Government Officials Suffer from the Public’s Perception of Federal Officials?” Summer 2006. Amount: \$5000.

University of Dayton Women’s Center’s Summer Research Grant Program for Pre-Tenure Women Faculty: “Punishing the Statehouse for the Sins of Congress: Do State Government Officials Suffer from the Public’s Perception of Federal Officials?” Summer 2005. \$1000.

University of Dayton Summer Research Fellowship and Equipment Grant: “Partisan Realignment and Its Impact on the Legislative Process.” Summer 2003. Amount: \$3500.

Updated August 2021

University of Dayton Women's Center's Summer Research Grant Program for Pre-Tenure Women Faculty: "Partisan Realignment and Its Impact on the Legislative Process." Summer 2003. Amount: \$480.

Center for the Study of Institutions and Values at Rice University: "Theories of Legislative Organization and the Development of U.S. State Legislative Committee Systems" Fall/Spring 2000. Amount: \$500.

Works in Progress/Under Review

State Constitutions Project – Book and journal manuscripts with Keith Hamm (Rice University), Ronald Hedlund (Northeastern University) and Maria Aroca (Rice University) – conference papers presented at the APSA 2009, 2011, 2014, 2015, 2016, 2017 State Politics and Policy Conference 2010, 2011, 2012, 2014, 2015 and MPSA 2013, 2016 constitute the evolution of this project

Assessment of co-curricular experiences on vocation: Journal manuscript based on iPoster from 2018 APSA.

Book Reviews

Institutional Change in American Politics: The Case of Term Limits. edited by, Karl Kurtz, Bruce Cain, and Richard G. Niemi, *Perspectives on Politics.* 7(September 2009): 660-661.

Political Commentary in Mass Media Outlets

USA Today – provided post-election analysis for story about Ohio presidential election results (November 2020)

WBNS-TV (Columbus, OH) – provided live election night commentary in November 2020

Columbus Dispatch – provided political analysis for multiple stories in 2020

CBS News – provided political analysis of state of 2020 presidential race in Ohio for national CBS This Morning segment (October 2020)

Face the State – repeat guest on 10tv (WBNS) (Columbus, Ohio) weekly state politics analysis and discussion program "Face the State w/Scott Light. Appeared on 3 episodes (March 31, 2019; May 12, 2019 and November 17, 2019. February 2, 2020)

Associate Press – story on Dayton Mayor and challenges city faced in 2019 (December 27, 2019)

Vermont Digger – story on fighting in Vermont Republican Party (November 11, 2019)

FiveThirtyEight – Guest on "On Politics" podcast; topic was partisan gerrymandering challenges in state courts (September 6, 2019) (<https://fivethirtyeight.com/features/politics-podcast-the-gerrymandering-fight-moves-to-the-states/>)

Spectrum News 1 – story on Ohio redistricting court challenge (May 11, 2019)

Dayton 24/7 Now – story on Ohio redistricting court challenge (May 10, 2019)

Cleveland.com – story on Ohio redistricting court challenge (May 3, 2019)

Maryland Matters – story on contested MD Speaker's race (April 24, 2019)

ABC 22/Fox 28 (Columbus, Ohio) – Ohio Gubernatorial Debate @ UD

Governing – Analysis of state level 2018 election results. (November 17, 2018).

Bloomberg News – 2018 Midterm elections. (October 18, 2018).

ABC 6/FOX 28 (Columbus) – 2018 Governor's debate at UD. (September 19, 2018).

Cleveland Plain Dealer – Potential conflicts of interest for US Senate candidate Mike Gibbons. (April 30, 2018).

National Journal – Medicaid Expansion as a campaign issue in the 2018 OH Governor's race. (April 16, 2018).

SiriusXM Radio – Guest on "Jim Parson's Is Too Stupid for Politics" Channel 102, Radio Andy – 40 minute guest interview on State and Local Politics (November 2017)

ABC22/Fox 45 – Commentary of DeWine/Husted 2018 GOP Gov Ticket

Associate Press – Is John Kasich a lame duck (appeared in 310 outlets, reach of 46 million readers)

Updated August 2021

WDTN – Clare Boothe Luce grand award

Sinclair Broadcasting – 2016 Presidential election

FairVote.org – Instances of procedures that promote bipartisanship in state legislatures

Council of State Governments – Minority party procedural rights

Dayton Daily News – 2012 Presidential Election; Ohio State Budget Crisis; Centerville Mayoral Recall; State Legislative Lobbyists, Ohio House of Representatives Speaker Race; Democratic Presidential nominees; Howard Dean fundraising strategies; Pres. Bush’s fundraising trip to OH; Importance of fundraising To Democratic presidential candidates; Bush’s and Sen. Kerry’s OH bus tours; Kerry’s selection as Edward as running mate; 2005 Dayton mayoral primary; Gender and Race in the 2008 Presidential Campaign

BBC News London – 2012 Presidential Election

TV Tokyo – 2012 Presidential Election

Cincinnati Enquirer – 2012 Congressional election results

Associated Press - Impact/ Meaning of President Bush’s trip to Ohio on July 4; Kerry’s selection as Edward as running mate; Mike Turner’s re-election campaign; 2002 Ohio gubernatorial election; Ohio Governor Taft’s State of the State Address; Gov. Ted Strickland’s (OH) first 100 days

CNN.com – Ohio’s role in the 2004 presidential election

Channel 22/45 News – Ohio Governor Taft’s State of the State Address; Kerry’s selection as Edward as running mate; recurring series of commentary on 2004 Presidential election

Channel 2 News – Live in-studio commentary on President Bush’s campaign visit to Troy, Ohio

BBC London Radio – 2002 U.S. Congressional Mid-Term Elections

WYSO Public Radio, Yellow Springs, Ohio – 2002 Ohio Elections

II Panorama – Role of Ohio in the 2004 Presidential Election

Reforma – Role of Ohio in the 2004 Presidential Election

Think TV – 2005 Dayton mayoral race

San Francisco Gate – Reform of the electoral college

Public Radio (Miami University; 88.5FM) – “Public Forum” with Gary Scott; 2008 OH presidential primary

Bloomberg Radio – “Simply Put” with Tom Moroney – 2008 OH presidential primary returns

Professional Conference Papers/Roundtables (since last promotion)

“Incremental or Transformative? The Effect of Civil War on Institutional Change?” with Liana Eustacia Reyes, Keith E. Hamm, Maria Aroca and Ronald D. Hedlund. Paper presented at the annual meeting of the Southern Political Science Association, virtual conference (January 2021).

“Federalism During the Trump Presidency,” roundtable participant at the annual meeting of the American Political Science Association, Washington, DC (August 2019).

“Beyond Anecdotes: Assessing Experiential/Cocurricular Experiences in Political Science,” iPoster presented at the annual meeting of the American Political Science Association, Boston, MA (August 2018).

“Why Study State Constitutions,” with Maria Aroca, Keith E. Hamm and Ronald D. Hedlund. Paper presented at the annual meeting of the American Political Science Association, San Francisco, CA (August 2017).

“Sticky Legacies: Persistence of State Constitutional Provisions,” with Maria Aroca, Keith E. Hamm and Ronald D. Hedlund. Paper presented at the annual meeting of the American Political Science Association, Philadelphia, PA (September 2016).

“Powers, Mandates, Restrictions and Exclusions, Oh My...Exploring the Influence of State Constitutions on the Legislative Branch,” with Keith E. Hamm and Ronald D. Hedlund. Paper presented at the Midwest Political Science Association, Chicago, Illinois (April 2016)

Updated August 2021

“I’ve got an Issue with this Issue?: The Impact of Ballot Issue Summary Complexity and Media Coverage on Voter Rolloff and Passage Rates,” with Allison Cozad and Grant W. Neeley. Paper presented at the Midwest Political Science Association, Chicago, Illinois (April 2016)

“The Evolution of Constitutional Restrictiveness in State Legislatures,” Paper presented at the annual meeting of the American Political Science Association, San Francisco, CA (September 2015).

“Working in a Cage: The Evolution of Constitutional Restrictiveness in U.S. State Legislatures,” with Keith E. Hamm and Ronald D. Hedlund. Paper presented at the 15th annual State Politics and Policy Conference, Sacramento, CA (May 2015).

“Constrained Behavior: Understanding the Entrenchment of Legislative Procedure in American State Constitutional Law,” with Keith E. Hamm and Ronald D. Hedlund. Paper presented at the annual meeting of the American Political Science Association, Washington, DC (August 2014).

“With One Hand Tied Behind Their Backs: Constitutional Entrenchment in State Legislatures,” with Keith E. Hamm and Ronald D. Hedlund. Paper presented at the State Politics and Policy Conference, Bloomington, Indiana (May 2014).

“With One Hand Tied Behind Their Backs: Constitutional Entrenchment in State Legislatures,” with Keith E. Hamm and Ronald D. Hedlund. Paper presented at the Midwest Political Science Association, Chicago, Illinois (April 2014).

“Evaluating the Representativeness of State Legislative Committees: A Preliminary Assessment of the Contribution Connection,” with Keith Hamm, Ronald Hedlund, and Jaelyn Kettler, paper presented at the 13th annual State Politics and Policy Conference, Iowa City, Iowa (May 2013).

“The More Things Change, The More They Stay the Same: Committee System Autonomy Revisited,” Paper presented at the Midwest Political Science Association, Chicago, Illinois (April 2013).

"The Diffusion of Anti-Human Trafficking Policy in the American States", with Anthony Talbott, and Christopher Klarich, Interdisciplinary Conference on Human Trafficking, Lincoln, Nebraska. (October 2012).

"The Diffusion of Anti-Human Trafficking Policy in the American States", with Anthony Talbott, and Christopher Klarich, Midwest Political Science Association, Chicago, Illinois. (April 2012).

"One Tough Nut: The Development of Legislative Structure and Procedure," with Ronald D. Hedlund. Paper presented at the State Politics and Policy Conference, Houston, Texas (February 2012).

“Limiting the Evolutionary Path: Explaining Constitutional and Statutory Entrenchment in State Legislatures,” with Keith E. Hamm and Ronald D. Hedlund Paper presented at the annual meeting of the American Political Science Association, Seattle, Washington (September 2011).

“The Ties that Bind: Measuring Constitutional and Statutory Entrenchment in State Legislatures,” with Ronald D. Hedlund and Keith E. Hamm. Paper presented at the 11th annual State Politics and Policy Conference in Hanover, New Hampshire (June 2011).

“Parallel Jurisdictions, Oversight Capability and Administrative Review: U.S. State Legislatures and Administrative Agencies,” with Ronald D. Hedlund and Keith E. Hamm. Paper presented at the annual meeting of the Midwestern Political Science Association, Chicago, Illinois (April 2011)

Updated August 2021

“State Legislative Evolution: Path Dependency, Organization Theory and Bounded Rational Choice,” with Ronald D. Hedlund and Keith E. Hamm. Paper presented at the 10th annual State Politics and Policy Conference, Springfield, Illinois (June 2010).

“Paths, Events and Strategic Choices: The Evolution of American State Legislatures,” with Keith E. Hamm and Ronald D. Hedlund Paper presented at the annual meeting of the American Political Science Association, Toronto, Ontario, Canada (September 2009).

“Theory vs. Reality: Exploring Committee System Autonomy in the State Legislative Process,” Paper presented at the annual meeting of the American Political Science Association, Boston, Massachusetts (August 2008)

“The Coingate Effect: The Impact of Scandal on Attitudes Toward State and Federal Political Actors,” with Stacy G. Ulbig, Paper presented at the 7th Annual Conference on State Politics and Policy in Philadelphia, Pennsylvania (May 2008)

“Bicameral Influences: Accounting for Chamber Differences in Committee System Autonomy,” Paper presented at the annual meeting of the Midwestern Political Science Association, Chicago, Illinois (April 2008).

Participation at Professional Meetings (other than presenting papers) (since last promotion)

Panel Chair:

“State Political Party Participation and Voting Behavior,” Midwestern Political Science Association, 2013

“Party Control in U.S. State Legislatures.” American Political Science Association Meeting 2009

“Bill Sponsorship Analysis.” Midwestern Political Science Association Meeting 2008

Discussant:

“Parties and Leaders in U.S. State Legislatures,” American Political Science Association Meeting, 2019

“State Legislative Politics,” American Political Science Association Meeting, 2017

“State Legislative Politics,” Midwestern Political Science Association, 2016

“Legislative Studies Poster Session,” American Political Science Association Meeting, 2015

“Governors and Executive Politics,” American Political Science Association Meeting, 2014

“Understanding Party Polarization in the States,” State Politics and Policy Meeting, 2014

“Parties and Interest Groups in the States,” Midwestern Political Science Association, 2014

“Legislative Careers and Legislative Experience,” State Politics and Policy Meeting 2012

“Legislators: Why They Do What They Do,” Midwestern Political Science Association 2011

“Issues in State Legislatures,” American Political Science Association Meeting 2008

“Bill Sponsorship Analysis.” Midwestern Political Science Association Meeting 2008

“Education Policy: Which Branch of Government Matters?” Midwestern Political Science Association Meeting 2008

University/College Service

Associate Director of Research, University Honors Program	2015-present
College of Arts and Sciences Lecturer Promotion Committee, Chair (2019-present)	2019-present
Academic Advising Models Task Force	2017-2018
Office Hours – UD Public Relations Social Media	2018
ISE Summer Program Selection Committee	2018
University of Dayton Model United Nations, faculty advisor	2003-2009
Faculty Liaison Dayton Civic Scholars, Fitz Center for Building Leadership in Community	2009-2014
American Marianist University Civic Engagement Team	2008-2011
Common Academic Program: Social Sciences Working Group	2009-2011
Academic Affairs Committee	2009-2010
Special Interest Housing Faculty advisor	2014/15 and 2018/19

Updated August 2021

Path Forward - Faculty Processes Subgroup (University-level)

July/August 2020

Additional Department Service

Interim Director of Undergraduate Studies	2014-2015
Interim MPA Director	2010-2011
Internship Coordinator	2005-2010
Department committee service (various semesters):	
Chair, American Politics Search Committee (Fall 2015)	
MPA Committee	
Undergraduate Committee, Chair	
Executive Committee	
Travel Policy Committee	
Tenure and Promotion Policy revisions committee, Chair	
Search committee member: IR, comparative lecture, PA positions (2008, 2009, 2017)	
POL 80 th Anniversary Planning Committee, Chair (2018-19)	

Additional Professional Service

Grader American Government Advanced Placement (AP) Exam	Summer 2006
---	-------------

Reviewer:

- American Political Science Review*
- American Journal of Political Science*
- Legislative Studies Quarterly*
- State Politics and Policy Quarterly*
- Journal of Politics*
- American Politics Review*
- State and Local Government Review*
- Social Science Journal*
- Congress & the Presidency*
- Journal of Legislative Studies*
- Publius*
- American Politics Research*

Other Information

Participated in UD “Good Neighbor Day”	October 2002
Participated in University of Dayton Teaching Fellows Program	2003-04 Academic Year
Participating in the development of the Dayton Civic Scholars Certificate Program	Spring 2004-2014
Participated in a “Women and Careers” talk sponsored by the English Language and Multicultural Institute and the Women’s Center	August 2004
Organized “Candidates and Issues Forum” for the 2004 Presidential Election	Fall 2005
Participated in the Stander Cup during the Stander Symposium	April 2005
Springboro Lions Club	Fall 2005
Moderated a debate concerning electoral reforms on 2005 Ohio state ballot	
Developed an interdisciplinary course on cities with Grant Neeley (POL), Janet Benarek (HST) and James Biddle (ED)	Summer/Fall 2007

Updated August 2021

Participated in Summer Workshop in Leadership and Vocation (Dinners with faculty)	Summer 2007
Serving as a discussant for during the Symposium on Race, Class and Katrina at UD	October 2007
Presenter at University of Dayton Law School brown bag on Comparative Electoral Systems	March 2020
Presenter at The Pandemic and Common Good Teach-In series	April 2020

Undergraduate Thesis Director

Catherine Tkachyk (2005-06): “Mistake on the Lake? A Study of Regionalism in the Cleveland Metropolitan Area”

Tyler Griesenbock (2006-07): “After the Dean Scream: Internet Use in the 2006 Election Cycle”

Eric Erdman (2006-07): “How the Democratic Party Has Fallen and What I Can Do to Regain National Prominence”

Alex Buskirk (2007-08): “The Impact of the Daily Show and Colbert Report on Young Adult Political Opinions”

Elizabeth Brumleve (2014-2016): Untitled Attorneys General project

Alison Cozad (2015-2016): Media and State Politics

Victoria Szczechowski (2016-17): Nationalism and International Adoption Policy

Bryan Borodkin (2018-19): Environmental Politics

Cierra Stewart (2018-20): Voting Rights in 2019

Dissertation

“Theories of Legislative Organization and the Development of U.S. State Legislative Committee Systems,” completed May 2002, Rice University.

Committee: Keith Hamm, Chair; Rick Wilson; Earl Black; and Miguel Quiñones