

RICHARD L. WOBBEKIND
Professional Vita

PERSONAL DATA:

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EDUCATION:

Degrees Awarded

<i>Bachelor of Arts</i>	Economics	Bucknell University	1975
<i>Master of Arts</i>	Economics	University of Colorado at Boulder	1979
<i>Doctor of Philosophy</i>	Economics	University of Colorado at Boulder	1984

BACKGROUND:

Fields of Specialization

Primary Fields: Regional Economics, Economic Development, Industrial Organization
Secondary Fields: Public Finance, Economics of Education

Research Interests

Regional Economic Development	Sports Economics
Regional Migration and Amenities	Antitrust and Regulation

Awards

MBA Association Professor of the Year, 1987, 1991
Bank One University of Colorado-Boulder Faculty Service Outreach Award, 1997
Boulder Chamber of Commerce, Member of Distinction, 2002
Stearns Award - University of Colorado, 2006
Thayne Robsen Award – A.U.B.E.R., 2008
Boulder Chamber of Commerce, Key Contributor, 2010
Fellow of the National Association for Business Economics, 2011

Present Position

Associate Dean Leeds School of Business,
University of Colorado at Boulder

Also holding the rank of *Associate Professor* of Finance, Attendant Rank, and *Faculty Director*, Business Research Division, Leeds School of Business, University of Colorado at Boulder and Director,

RESEARCH AND PROFESSIONAL EXPERIENCE:

Executive Director: *Business Research Division, University of Colorado at Boulder*

Responsible for State of Colorado economic analyses, implementation of economic development projects and small business studies. Manage office that is a major state data source. Assist faculty in compilation of research proposals. Develop policy and strategy for the Trade Adjustment Assistance Center.

July 1992 - 2019 (Director); January 1988 – June 1992 (Associate Director)

Senior Associate Dean *Leeds School of Business*

Research Economist: *SSC Project, University of Colorado*

Responsible for fiscal impact analysis of Superconducting Super Collider project for the State of Colorado.

Summer 1985, Summer 1987

Research Economist: *Center for Economic Analysis, University of Colorado*

Worked on research applications of the Colorado Forecasting and Simulation Model (COFS), which included the impact of the solar energy tax credit on the Colorado economy and the impact of the high technology layoffs on the Denver-Boulder area. September 1984 - May 1985

Academic Program Administrator: *The Economics Institute, University of Colorado*

Served as a counselor and program advisor for the Economics, Business

Administrator: Administration, and Statistics courses. Responsible for the scheduling of classes and the assignment of instructors.

January 1979 - February 1982

Research Assistant: *State of Colorado, Department of Justice*

As part of a three-person research team, conducted a study of the costs and benefits of trucking regulation in the State of Colorado.

March 1978 - August 1978

Grant Administrator: *Institute of Regional Affairs, Bucknell University*

Administered a Title I grant on community-based education in central Pennsylvania.

June 1975 - July 1976

PUBLICATIONS, PROPOSALS, AND PRESENTATIONS:

Papers in Refereed Publications

Frederick, D. M., E. A. Frederick, W. H. Kaempfer, and R. L. Wobbekind. "Panethnic linsanity: issues with the concept and use of race in research on discrimination in sports." *Journal of Global Intelligence & Policy – JGIP*, Volume 6, Issue 11 (Fall 2013): 1-22.

Wobbekind, R "On the Importance of Education" *Business Economics* (April 2012)

Reed, R.O., T. Buchman, W. Sinnett, and R. Wobbekind, "Why Should Private Companies Implement Sarbanes-Oxley" *Financial Executive International Journal* (April 2005)

Frederick, D. M., W. H. Kaempfer, and R. L. Wobbekind, "Arbitration Versus Negotiation: The Risk Aversion of Players." *Applied Economics Letters*, pp. 187-190 (January 1998).

Frederick, D. M., W. H. Kaempfer, and R. L. Wobbekind, "Risk, Race and Repeated Arbitration; Evidence from Baseball Arbitration's Double Plays" in *Baseball Economics: Current Research*. Praeger Press (1996).

Frederick, D. M., W. H. Kaempfer, and R. L. Wobbekind, "Salary Arbitration as a Market Substitute" in *Diamonds Are Forever* edited by P. M. Sommers. Washington, D.C.: *The Brookings Institution* (1992).

Graves, P.E., and R.L. Wobbekind "International Student Demand for Higher Education in the U.S." *Research in Higher Education*, (Fall 1989).

Selected Technical Papers/Publications

2020 Colorado Business Economic Outlook (editor), Business Research Division, Leeds School of Business, University of Colorado at Boulder (December 2019).

U.S Foreign Policy for the Middle Class: Perspectives from Colorado, with Salman Ahmed, Brian Lewandowski et al. Carnegie Endowment for International Peace (October 2019)

2019 Colorado Business Economic Outlook (editor), Business Research Division, Leeds School of Business, University of Colorado at Boulder (December 2018).

2018 Colorado Business Economic Outlook (editor), Business Research Division, Leeds School of Business, University of Colorado at Boulder (December 2017).

2017 Colorado Business Economic Outlook (editor), Business Research Division, Leeds School of Business, University of Colorado at Boulder (December 2016).

2016 Colorado Business Economic Outlook (editor), Business Research Division, Leeds School of Business, University of Colorado at Boulder (December 2014).

2015 Colorado Business Economic Outlook (editor), Business Research Division, Leeds School of Business, University of Colorado at Boulder (December 2014).

2014 Colorado Business Economic Outlook (editor), Business Research Division, Leeds School of Business, University of Colorado at Boulder (December 2013).

Lewandowski, B and Wobbekind, R.L. "Assessment of Oil and Gas Industry Economic and Fiscal Impacts in Colorado" *Oil, Gas and Mining, Volume 1, Issue 1* (August 2013)

- 2013 Colorado Business Economic Outlook* (editor), Business Research Division, Leeds School of Business, University of Colorado at Boulder (December 2012).
- 2012 Colorado Business Economic Outlook* (editor), Business Research Division, Leeds School of Business, University of Colorado at Boulder (December 2011).
- 2011 Colorado Business Economic Outlook* (editor), Business Research Division, Leeds School of Business, University of Colorado at Boulder (December 2010).
- Economic Impacts of Implementing the Colorado Clean Air-Clean Jobs Act under Different Scenarios*, with Brian Lewandowski, Bonnie Beverly, Cindy DiPersio, Matt Wolfe Noah Hahn, and Sean Planchard.(October 2010)
- 2010 Colorado Business Economic Outlook* (editor), Business Research Division, Leeds School of Business, University of Colorado at Boulder (December 2009).
- 2009 Colorado Business Economic Outlook* (editor), Business Research Division, Leeds School of Business, University of Colorado at Boulder (December 2008).
- 2008 Colorado Business Economic Outlook* (editor), Business Research Division, Leeds School of Business, University of Colorado at Boulder (December 2007).
- 2007 Colorado Business Economic Outlook* (editor), Business Research Division, Leeds School of Business, University of Colorado at Boulder (December 2006).
- 2006 Colorado Business Economic Outlook* (editor), Business Research Division, Leeds School of Business, University of Colorado at Boulder (December 2005).
- 2005 Colorado Business Economic Outlook* (editor), Business Research Division, Leeds School of Business, University of Colorado at Boulder (December 2004).
- Colorado Economic Opportunities: Today, Tomorrow and the Future*, with Eye, Horvath, Light, DiPersio and Webb, Business Research Division, Leeds School of Business, University of Colorado at Boulder (January 2004)
- 2004 Colorado Business Economic Outlook* (editor), Business Research Division, Leeds School of Business, University of Colorado at Boulder (December 2003).
- Long Term Prospects for the Denver Metro and Colorado Economies*, with Gary Horvath, Business Research Division, Leeds School of Business, University of Colorado at Boulder (January 2003).
- 2003 Colorado Business Economic Outlook* (editor), Business Research Division, Leeds School of Business, University of Colorado at Boulder (December 2002).
- The Impact of the U.S. Department of Commerce Federal Laboratories (NIST, NOAA, and NTIA) on the City of Boulder and Boulder County*, with Gary Horvath and Cindy DiPersio, Business Research Division, Leeds School of Business, University of Colorado at Boulder (August 2002)
- Satisfaction and Sales Leakage Analysis: Fort Morgan and Morgan County* with Gary Horvath, Business Research Division, Leeds School of Business, University of Colorado at Boulder (2002).
- 2002 Colorado Business Economic Outlook* (editor), Business Research Division, Leeds School of Business, University of Colorado at Boulder (December 2001).
- Boulder County Employment Study 2000*, with Gary Horvath and Cindy DiPersio, Business Research Division, Leeds School of Business, University of Colorado at Boulder (January and December, 2001).
- Colorado International Trade Office Performance Survey: Summary of Results for Fiscal Year 2001*, with Gary Horvath et al., Business Research Division, Leeds School of Business, University of Colorado at Boulder (October 2001).

- Survey of President's Club and Chancellor's Society Donors*, with Gary Horvath and Cindy DiPersio, Business Research Division, Leeds School of Business, University of Colorado. (September 2001)
- 2001 Colorado Business Economic Outlook* (editor), Business Research Division, University of Colorado at Boulder (December 2000).
- Needs Assessment of the University of Colorado Alumni Association*, with Gary Horvath, Business Research Division, University of Colorado at Boulder (January 2000).
- 2000 Colorado Business Economic Outlook* (editor), Business Research Division, University of Colorado at Boulder (December 1999).
- The Effectiveness of TIAA-CREF Advertising in Colorado*, with Gary Horvath, Business Research Division, University of Colorado-Boulder (October 1999).
- A Strategic Analysis of the Cement Industry in Colorado*, with Gary Horvath, Business Research Division, University of Colorado at Boulder (May 1999).
- The Impact of IBM on Boulder County Colorado*, with Gary Horvath, Business Research Division, University of Colorado at Boulder (April 1999).
- Can You Tell the Players Without a Scorecard; Further Evidence on Discrimination in Baseball*, with D.M. Frederick and W.H. Kaempfer, American Statistical Association Papers and Proceedings from annual meeting (January 1999).
- The Renewable Energy Industry in Colorado*, with Gary Horvath and Karen Eye, Business Research Division and C.U. Business Advancement Center, (December 1998).
- 1999 Colorado Business Economic Outlook* (editor), Business Research Division, University of Colorado at Boulder (December 1998).
- Analyzing the Nature of Growth in Boulder County*, with Byron Koste and Will Fleissig Business Research Division, University of Colorado (September 1998).
- How Local Tourism Business and Industry Representatives View Their Contribution to Colorado's Economy and Quality of Living*, with Patrick Long Business Research Division, University of Colorado (July 1998).
- The Importance of Tourism in the Colorado Economy*, with Patrick Long Business Research Division, University of Colorado (July 1998).
- University of Colorado Health Plan Satisfaction Survey*, with Gary Horvath and Karen Eye, Business Research Division, University of Colorado (July 1998)
- Colorado Ski Industry: Highlights of the 1997-98 Season*, with C.R. Goeldner, Business Research Division, University of Colorado at Boulder (June 1998).
- MAMTC Regional Market Assessment: Measuring Name Recognition and Field Effectiveness*, Richard Wobbekind, Gary Horvath and Karen Eye (April 1998).
- Boulder County Employment Study*, Richard Wobbekind, Business Research Division, University of Colorado at Boulder (April 1998).
- 1998 Colorado Business Economic Outlook* (editor), Business Research Division, University of Colorado at Boulder (December 1997).
- 1997 Business/Economic Outlook* (editor), Business Research Division, University of Colorado at Boulder (December 1996).
- The Economic Impact of the Arts in Aspen*, Business Research Division, University of Colorado at Boulder (March 1996).
- 1996 Colorado Business Economic Outlook* (editor), Business Research Division, University of Colorado at Boulder (December 1995).
- Manufacturing and the Colorado Economy," *Colorado Business Review* (May 1995).

- The Economic Impact of the Biomedical Industry in Colorado*, with David Olson, Business Research Division, University of Colorado at Boulder (February 1995).
- 1995 Colorado Business Economic Outlook* (editor), Business Research Division, University of Colorado at Boulder (December 1994).
- Bureau Survival in the 1990s and Beyond: A Colorado Perspective*, AUBER Conference Abstracts (December 1994).
- 1994 Colorado Business Economic Outlook* (editor), Business Research Division, University of Colorado at Boulder (December 1993).
- Colorado Ski Highlights 1992-93*, with C.R. Goeldner, Business Research Division, University of Colorado at Boulder (June 1993).
- 1993 Colorado Business Economic Outlook* (editor), Business Research Division, University of Colorado at Boulder (December 1992).
- Colorado Ski Highlights 1991-92*, with C.R. Goeldner, Business Research Division, University of Colorado at Boulder (June 1992).
- 1992 Colorado Business Economic Outlook* (editor), Business Research Division, University of Colorado at Boulder (December 1991).
- Morgan County Housing Needs Analysis*, Business Research Division, University of Colorado at Boulder (January 1991).
- 1991 Colorado Business Economic Outlook* (editor), Business Research Division, University of Colorado at Boulder (December 1990).
- The Economic Impact of the Arts of Colorado, 1989*, with Cindy DiPersio Business Research Division, (August 1990).
- 1990 Colorado Business Economic Outlook* (editor), Business Research Division, University of Colorado at Boulder (February 1990).
- Older Worker Profile in Colorado Regions Nine and Ten*, with Patrick Long and Gary Horvath, for Western Colorado Employment Training Services (April 1989).
- 1989 Colorado Business Economic Outlook* (editor), Business Research Division, University of Colorado at Boulder (December 1988).
- Assessing the Impacts of the Super Collider*, with Reuben A. Zubrow and Stein Sture, (July 1987).
- The Relative Performance of Socially Responsible Mutual Funds*, with R. Brown, University of Colorado College of Business Working Paper 87-18 (May 1987).
- Investment Behavior, Accounting Returns, and Tobin's Q Ratio*, with Daryl Winn, presented at WEA meetings (July 1987).
- Preliminary Analysis of the Economic Impacts of the Proposed Colorado Superconducting Super Collider*, with Reuben Zubrow and Stein Sture, (February 1985).
- The Social Cost of Motor Common Carrier Regulation in the State of Colorado*, with Wesley J. Yordon and Steven E. Crane, submitted to the Attorney General's Office of the State of Colorado (August 1978).

Selected Funded Proposals

U.S. Foreign Policy for the Middle Class (Carnegie Foundation), 2019
Boulder Innovation Study 2017, 2019
Colorado Office of Economic Development and International Trade Resiliency Study (2016)
Economic Impact of Remittances in the Philippines (Western Union) 2015
Economic Assessment of the Colorado Renewable Portfolio Standard (2014-2015)
Colorado State Revenue Forecast (2013-present)
REMI Forecasting and Analysis Project (2013-2018)
City of Boulder Primary Employer Study (2012)
Secretary of State New Entity Filings (2012- present)
RTD Forecasting Project (2011-present)
Colorado Green Jobs Survey (2011)
CO-Labs Impact Study (2010)
Economic Impact of Implementing the Colorado Clean Air-Clean Jobs Act
under Different Scenarios (2010)
Economic Impact of the Western Stock Show (2009)
Affordable Housing Project Assessment in Boulder Colorado (2008)
Microenterprise in Colorado (2004)
The Provision of Worker Assistance in Colorado (2004)
Economic Opportunities: Today, Tomorrow and the Future (2004)
Interpreting Economic Information for Rural Areas (2004)
Business Leaders Confidence Index (2002-2008)
Economic Impact of the Arts in Aspen (2003)
Retail Sales Leakage Study (2002)
Economic Impact of the Film Industry in Colorado (2002)
C.U. Foundation Survey (2001)
Yuma County, Colorado Economic Impact Analysis (2001)
Boulder County Workforce Profile (1999-2000)
City of Longmont Economic Impact Analysis (1999)
C. U. Alumni Association Customer Satisfaction Survey (1999)
T.I.A.A.-C.R.E.F. Labor Force Survey (1999)
Mid-America Manufacturing Technical Assistant Center (MAMTC), *Manufacturers Survey*
(1998-1999)
Leading Economic Indicator Series for Boulder County (1994-present)
The Economic Impact and Viability of the Renewable Energy Industry in Colorado (1998)
Assessing the Nature of Boulder County's Growth (1998)
University of Colorado Benefits Survey (1997-1998)
Yuma County, Colorado Economic Impact Analysis (1998)
Boulder County Workforce Profile (1997-1998)
University of Colorado Benefits Survey (1997)
Rocky Flats Local Impact Initiative, *Environmental Industry Survey* (1997)
Rocky Flats Local Impact Initiative, *Biomedical Industry Survey* (1997)
University of Colorado, *Academic Streamlining Project* (1997)
Assessing the Effectiveness of the Rocky Flats Local Impact Initiative (1996-1998)
Assessing the Effectiveness of the Colorado International Trade Office (1996-2000)

City of Longmont Police Department, *Longmont Citizen Survey Regarding Attitudes Toward the Police* (completed February 1996)
 Renaissance Holographic, *Assessment of the Holography Industry* (1996)
 Economic Impact of the Arts in Aspen (1995)
 Economic Impact of the Biomedical Industry (1994)
 IBM Survey Data Analysis (1993)
 An Assessment of Impact Fees in Crested Butte (1993)
 Great Plains Database Development (1991)
 Morgan County Housing Needs Assessment (1990)
 A Demonstration of the Business Research and Information Network (1990)
 Survey Services for *Always Buy Colorado* (1989)
 An Analysis of the Economic Impact of the Arts in Colorado (1988)
 Presenting Economic Forecasts in Rural Areas (1988)
 Older Workers Labor Profile (with Patrick Long), (1988)

Selected Presentations at Professional Meetings

- “Colorado in 2019: Will the Recovery Ever End?”
 presented at the Western Economics Association (WEAI) annual meetings
 in San Francisco, CA (July 1, 2019).
- “Colorado: The Forecast for 2019 : Will the Recovery Ever end?”
 presented at the Western Regional Science Association (WRSA) annual meetings
 in Napa Valley CA (February 12, 2019).
- “Colorado in 2018 : Impacts of the National Tax Cuts”
 presented at the Western Economics Association International (WEAI) annual meetings
 in Vancouver B.C. (June 27, 2018).
- “Colorado: The Forecast for 2018 : Impacts of the National Tax Cuts”
 presented at the Western Regional Science Association (WRSA) annual meetings
 in Pasadena, CA (February 12, 2018).
- “Colorado in 2017: How Long Will the Expansion Last?”
 presented at the Western Economics Association International (WEAI) annual meetings
 in San Diego, CA (June 26, 2017).
- “Colorado: The Forecast for 2017 : How Long Will the Expansion Last?”
 presented at the Western Regional Science Association (WRSA) annual meetings
 in Santa Fe, NM (February 17, 2017).
- “Colorado: in 2017: Solid Growth as the Energy Industry Stabilizes”
 presented at the Western Economics Association (WEAI) annual meetings
 in Portland, OR (June 28, 2016).
- “Colorado: The Forecast for 2016 : How Has the National Economic Slowdown Impacted the State?”
 presented at the Western Regional Science Association (WRSA) annual meetings
 in Tucson, AZ (February 16, 2015).
- “Colorado: The Forecast for 2015: Will the Oil Price Decline Rule the Day?”
 presented at the Western Regional Science Association (WRSA) annual meetings
 in Tucson, AZ (February 16, 2015).

- “Colorado: in 2014: Strong Growth Driven by the Energy Industry?”
presented at the Western Economics Association (WEAI) annual meetings
in Denver, CO (June 28, 2014).
- “Colorado: The Forecast for 2014: Strong Diversified Growth?”
presented at the Western Regional Science Association (WRSA) annual meetings
in San Diego, CA (February 17, 2014).
- “Colorado: in 2013: Has the Recovery Finally Happened?”
presented at the Western Economics Association (WEAI) annual meetings
in Seattle, WA (July 1, 2013).
- “Colorado: The Forecast for 2013: How Important is Sequester?”
presented at the Western Regional Science Association (WRSA) annual meetings
in Santa Barbara, CA (February 25, 2013).
- “How Is the Government Employment Sector Faring?” American Economics Association meeting,
San Diego, CA (January 3, 2013)
- “On the Importance of Education” NABE Presidential address, NABE annual meeting, Dallas, TX
(September 12, 2011)
- “Colorado: The Forecast for 2011: Colorado’s Energy Sector Slows the Recovery”
presented at the Western Regional Science Association (WRSA) annual meetings
in Monterrey, CA (February 28, 2011).
- “Colorado: The Forecast for 2010: Will Colorado Lead or Lag the National Recovery?”
presented at the Western Regional Science Association (WRSA) annual meetings
in Sedona, AZ (February 22, 2010).
- “Colorado: The Forecast for 2009: Why Has Colorado Fared So Well?”
presented at the Western Regional Science Association (WRSA) annual meetings
in Napa, CA (February 22, 2009).
- “Colorado: The Forecast for 2008 and the Challenges of a Housing Led Recession”
presented at the Western Regional Science Association (WRSA) annual meetings
in Koloa, HI (February 26, 2008).
- “Colorado: The Forecast for 2007 and the Challenges of Immigration,”
presented at the Western Regional Science Association (WRSA) annual meetings
in Newport Beach, CA (February 26, 2007).
- “Colorado: The Forecast for 2006 and the Challenge of Advanced Technology Job Loss,”
presented at the Western Regional Science Association (WRSA) annual meetings
in (February 25, 2006).
- “Colorado: in 2005: Has the Wage Recovery Finally Happened?”
presented at the Western Economics Association (WEA) annual meetings
in San Francisco, CA (July 1, 2005).
- “Colorado: The Forecast for 2005 and the Issues Related to Balancing the Budget,”
presented at the Western Regional Science Association (WRSA) annual meetings
in (March 1, 2005).
- “Colorado: in 2004: Where Has Policy Failed Us?”
presented at the Western Economics Association (WEA) annual meetings
in Vancouver, BC (July 1, 2004).
- “Colorado: The Forecast for 2004 and the Role of Slower Net Migration”
presented at the Western Regional Science Association (WRSA) annual meetings
in Maui, HA (February 27, 2004).

- “Colorado: The Forecast for 2003 and the Issues Related to Balancing the Budget,” presented at the Western Regional Science Association (WRSA) annual meetings in Rio Rico, AZ (March 1, 2003).
- “Colorado: The Forecast for 2002 in the Wake of 9/11,” presented at the Western Regional Science Association (WRSA) annual meetings in Monterrey, CA (February 26, 2002).
- “Assessing the Impact of a Business Through Its Fiscal and Genealogical Contributions,” presented at the National Association for Business Economics (NABE) annual meetings in New York City, NY (September 10, 2001).
- “Colorado: The Forecast for 2001 and the Role of the Neweconomy,” presented at the Western Regional Science Association (WRSA) annual meetings in Palm Springs, CA (February 26, 2001).
- "Assessing the Impact of a Business Through Its Fiscal and Genealogical Contributions" presented at the Association for University Business and Economics Research (AUBER) national meetings in Washington, D.C. (April 15, 2000).
- “Colorado: The Forecast for the Year 2000, the Issues and the Structural Challenges,” presented at the Western Regional Sciences Association National Meetings (WRSA) in Kauai, HI (February 26, 2000).
- "Measuring the Differential Impacts of Reduced Tourism Advertising" presented at the Regional Science Association International Meetings (RSAI) in Montreal, Canada (October 16, 1999).
- “Assessing the Fiscal Impact of the Hog Industry in Yuma County, County: Methodological Issues and Results,” presented at the Association of University Business and Economics Research (AUBER) National Meeting in Washington, D.C. (April 27, 1999).
- “Colorado: The Forecast for the Year 1999, the Issues and the Structural Challenges,” presented at the Western Regional Sciences Association National Meetings (WRSA) in Ojai, CA (February 26, 1999).
- “Conducting A Labor Force Study in Boulder County: Methodological Issues and Results?” presented at the Association of University Business and Economics Research (AUBER) National Meeting in Washington, D.C. (April 25, 1998).
- “Colorado's International Trade Position,” presented at the Western Regional Sciences Association National Meetings (WRSA) in Monterey, CA (February 21, 1998).
- “Colorado: The Forecast for the Year 2000, the Issues and the Structural Challenges,” presented at the Western Regional Sciences Association National Meetings (WRSA) in Kona, HI (February 26, 1997).
- “Arbitration Versus Negotiation: The Risk Aversion of Players,” presented at the Western Economics Association meetings with William Kaempfer (July 8, 1996).
- “Colorado and the 21st Century,” presented at the Western Regional Science meetings, Napa, CA (February 25, 1996).
- “Collaborative Research Among Bureaus: Opportunities and Barriers,” presented at the AUBER Fall conference in Honolulu, HI (October 13, 1992).
- "Japanese Corporate Strategies for Dealing with the Single European Market" with Michael Palmer, presented at The Association of University Business and Economics Research (AUBER) National Meetings in Honolulu, HI (October 12, 1992).
- "Issue, Costs and Uncertainty: How to Hold an Economic Forecasting Conference," presented at the

Association of University Business and Economics Research (AUBER) National Meeting in St. Petersburg, FL (October 6-9, 1991).

"Base Closings, Plant Closings and the Reallocation of Resources: Business Research Opportunities Under the New Federalism," presented at the Association of University Business and Economics Research (AUBER) National Meetings in Charlottesville, VA (October 1990).

"Roles beyond Economic Analysis: How Can Other Functions Generate Support for Your Bureau?" presented at the Association of University Business and Economics Research (AUBER) National Meeting in Costa Mesa, CA (October 8-11 1989).

Invited Presentations

"The Colorado Economy in 2020: Growth with Uncertainty," presented at the Kansas City Federal Reserve 27th Annual Regional Economic Roundtable in Kansas City, MO (November 4, 2019)

"The Colorado Economy in 2019: Will the Recovery Ever End?" presented at the Kansas City Federal Reserve 26th Annual Regional Economic Roundtable in Oklahoma City, OK (November 29, 2018)

"The Colorado Economy in 2018: Impacts of the National Tax Cuts," presented at the Kansas City Federal Reserve 25th Annual Regional Economic Roundtable in Denver, CO (December 6, 2017)

"The Colorado Economy in 2017: How Long Will the Expansion Last" presented at the Kansas City Federal Reserve 24th Annual Regional Economic Roundtable in Omaha, NE (November 2, 2016)

"The Colorado Economy in 2016: Life After the decline in oil prices," presented at the Kansas City Federal Reserve 23rd Annual Regional Economic Roundtable in Kansas City, MO (October 29, 2015)

"The Colorado Economy in 2015," presented at the Kansas City Federal Reserve 22nd Annual Regional Economic Roundtable in Omaha, NE (October 29, 2014)

"The Colorado Economy in 2014," presented at the Kansas City Federal Reserve 21st Annual Regional Economic Roundtable in Denver, CO (November 15, 2013)

"The Colorado Economy in 2013," presented at the Kansas City Federal Reserve 20th Annual Regional Economic Roundtable in Oklahoma City, OK (November 15, 2012).

"The Importance of Education for U.S. Competitiveness" presented at the Birmingham branch of the Atlanta Federal Reserve (August 10, 2012)

"The Colorado Economy in 2012," presented at the Kansas City Federal Reserve 19th Annual Regional Economic Roundtable in Kansas City, MO (November 15, 2011).

"The Colorado Economy in 2011," presented at the Kansas City Federal Reserve 18th Annual Regional Economic Roundtable in Omaha, NE (November 23, 2010).

"The Colorado Economy in 2010," presented at the Kansas City Federal Reserve 17th Annual Regional Economic Roundtable in Denver, CO (November 26, 2009).

"The Colorado Economy in 2009," presented at the Kansas City Federal Reserve 16th Annual Regional Economic Roundtable in Kansas City, MO (November 20, 2008).

"The Colorado Economy in 2008," presented at the Kansas City Federal Reserve 15th Annual Regional Economic Roundtable in Oklahoma City, OK (November 26, 2007).

"The Colorado Economy in 2006," presented at the Kansas City Federal Reserve 14th

- Annual Regional Economic Roundtable in Kansas City, MO (December 1, 2005).
- “The Colorado Economy in 2005,” presented at the Kansas City Federal Reserve 13th Annual Regional Economic Roundtable in Kansas City, MO (December 3, 2004).
- “The Colorado Economy in 2004,” presented at the Kansas City Federal Reserve 12th Annual Regional Economic Roundtable in Kansas City, MO (November 7, 2003).
- “The Colorado Economy in 2003,” presented at the Kansas City Federal Reserve 11th Annual Regional Economic Roundtable in Kansas City, MO (November 22, 2002).
- “A Discussion of The Boom and Bust of Western Economies,” presented at the Boom/Bust Symposium in Boulder, CO sponsored by the Center for the American West (December 2, 2001)
- “The Colorado Economy in 2002,” presented at the Kansas City Federal Reserve 10th Annual Regional Economic Roundtable in Kansas City, MO (December 1, 2001).
- “The Colorado Economy in 2001,” presented at the Kansas City Federal Reserve 9th Annual Regional Economic Roundtable, Kansas City, MO (December 2000).
- “The Rural Colorado Economy and Public Policy,” presented at the Wilderness Lands Symposium, Denver, CO (February 4-5, 2000), sponsored by the Center for the New West.
- “The Colorado Economy in 2000,” presented at the Kansas City Federal Reserve 8th Annual Regional Economic Roundtable. Kansas City, MO (December 1999).
- “The Colorado Economy in 1999,” presented at the San Francisco Federal Reserve 1st Annual Regional Economic Roundtable. Kansas City, MO (July 1999).
- “The Colorado Economy in 1999,” presented at the Kansas City Federal Reserve 7th Annual Regional Economic Roundtable. Kansas City, MO (November 1998).
- “The Colorado Economy in 1998,” presented at the Kansas City Federal Reserve 6th Annual Regional Economic Roundtable. Kansas City, MO (November 1997).
- “The Role of Research Bureaus in Business Outreach Relations,” presented at Portland State University (March 11, 1996).
- “The Role of Research Centers in Collegiate Schools of Business,” presented at Western Association of Collegiate Schools of Business Dean’s Meeting, Fairbanks, AK (September 16, 1996).
- “The Role of Trade Programs in Economic Development,” presented at Economic Development Administration Regional conference, Denver, CO (December 19, 1996).
- “The Colorado Economy in 1997,” presented at the Kansas City Federal Reserve 5th Annual Regional Economic Roundtable. Kansas City, MO (November 1996).
- “The Colorado Economy in 1996,” presented at the Kansas City Federal Reserve 4th Annual Regional Economic Roundtable. Kansas City, MO (November 1995).
- “The Colorado Economy in 1995,” presented at the Kansas City Federal Reserve 3rd Annual Regional Economic Roundtable. Kansas City, MO (November 1994).
- “The Colorado Economy; Key Issues for 1994,” presented at the 2nd Annual Western Economic Outlook Symposium, Denver, CO (February 21-22, 1994), sponsored by the Center for the New West.
- “The Colorado Economy in 1994,” presented at the Kansas City Federal Reserve 2nd Annual Regional Economic Roundtable. Kansas City, MO (November 1993).
- “The Future of Colorado Through Trade and Transportation,” presented at the 1st Annual Western Economic Outlook Symposium, Denver, CO (January 15, 1993), sponsored by the Center for the New West.
- “The Future of the Colorado Economy,” presented at the Kansas City Federal Reserve Regional Economic Roundtable, Kansas City, MO (November 20, 1992).

Selected Other Presentations

- "The U.S. Economic Outlook for 2014" R. Keith Schwer keynote address at the Association for University Business and Economics Research annual meeting, Portland, OR (October 12, 2014).
- "The U.S. Economic Outlook for 2011" at the National Association for Business Economists annual Meeting, Denver, CO (October 11, 2010).
- "Organized and moderated panel session entitled "Immigration: The Challenges Ahead" at the NABE Spring conference, Washington, D.C. (March 15, 2005).
- "Organized and moderated panel session entitled "The Performance of Regional Economies" at the NABE Spring conference, Washington, D.C. (March 22, 2004).
- "The Colorado Economy and Fiscal Change," presented to the Colorado City and County Managers Association on February 25, 2008
- "The Colorado Economy," presented to Leadership Boulder, Boulder, CO (2008, 2007, 2006, 2005, 2004, 2003, 2002, 2001, 2000, 1998, 1997, 1996, 1995, 1994, 1992).
- "The Colorado Economy in the Southwest," Southwest Business Outlook, Durango, CO (annually from January 1994 -2015).
- Organized and moderated panel session entitled "University Cooperative Research with Independent Policy Institutes," at the AUBER Spring conference, Washington, D.C. (April 11, 1992).
- Moderated panel on "Privatization and Finance," at 6th Annual Hispanic Symposium on Business and the Economy, Boulder, CO (October 8, 1992).
- Organized and moderated panel session entitled "Direct Foreign Investment: Research Issues and Questions," at the AUBER Fall conference in Honolulu, HI (October 12, 1992).
- Organized and moderated panel session entitled "Japan's Economic Strength: How Can We Compete?" At the AUBER Fall conference in Honolulu, HI (October 13, 1992).
- "The Colorado Economy in 1993," presented to the Denver Chamber of Commerce "Top 100 Business Leaders" Denver, CO (December 17, 1992).
- "The Role of the University in the Economic Development Process," session moderator and presenter Economic Developers Council of Colorado Conference at the University of Northern Colorado, Greeley, CO (October 5, 1990).
- Participant and discussant at The Center for the New West Roundtable on "Energy Prices and the Impact on the Rocky Mountain Economy," Denver, CO (September 4, 1990).
- "The Colorado Economy and High Technology Manufacturing," presented to the Surface Mount Technology Manufacturers (February 20, 1990).
- "The Role of the C.U. Business School in the Economic Development Process," presented at the Economic Developers Council of Colorado conference in Copper Mountain, CO (October 4-6, 1989).
- "The Role of Tourism in Colorado's Economic Growth," presented at the Colorado Tourism Conference in Grand Junction, CO (October 19, 1988).

TEACHING POSITIONS HELD:

- Associate Professor, Attendant Rank** *Leeds School of Business,, University of Colorado at Boulder*
MBA and undergraduate courses in Macroeconomics, Public Policy, Entrepreneurship and Managerial Economics
June 1996-present
- Assistant Professor:** *College of Business and Administration, University of Colorado at Boulder*
MBA courses in Economic Theory
September 1985-May 1996
- Visiting Lecturer:** *Department of Economics, University of Colorado*
Intermediate Microeconomics, Introductory Macroeconomics
Fall 1984 - Spring 1985
- Instructor:** *Division of Continuing Education, University of Colorado*
Principles of Microeconomics
Spring 1983
- Instructor:** *Department of Economics, University of Colorado*
Two sections of Principles of Macroeconomics
Fall 1981
- Instructor:** *The Economics Institute, University of Colorado*
Introduction to Microeconomics, Introduction to Macroeconomics, Intermediate Microeconomics, Intermediate Macroeconomics, Intermediate Microeconomics and Statistics, and The Teaching of Economics and Business
January 1979 - February 1982
- Instructor** *Department of Economics, University of Colorado*
Principles of Macroeconomics, Spring 1979
Principles of Microeconomics, Fall 1979

Doctoral Thesis Committees

Tom Nelson, Ph.D. Finance (May 1989)

Donald Bergh, Ph.D. Strategy, Organization and Management (May 1991)

Awad Alharti, Ph.D. Department of Economics (July 1991)

Najat Husain, Ph.D., Department of Economics (May 1992)

Neramit Panchangakul, Ph.D., Department of Economics (January 1992)

Charles Rayborn, Ph.D., Finance (May 1992)

Richard Thompson, Ph.D., Strategy, Organization and Management (December 1992)

Mustafa E. Nasution, Ph.D., Department of Economics (December 1993)

Mark Skidmore, Ph.D., Department of Economics (1994)

Janet Rodgers, Ph.D., Department of Economics (2000)

Devon Lynch, PhD. Department of Economics (2006)

Stephen Nicar, PhD. Department of Economics (2012)

Molly Shea, PhD. Department of Education (2013)

PROFESSIONAL AFFILIATIONS AND SERVICE

Affiliations

Association of University Economics and Business Research

American Economic Association

Financial Management Association

National Association for Business Economics

Western Economics Association

Western Regional Science Association

Denver Association of Business Economists

Economic Developers Council of Colorado

Professional Service

Governor's Revenue Estimating Advisory Committee (1994-present)

National Association for Business Economics (NABE)

- Education and Forecast Committees (2010-present)
- Nominating Committees (2010-2013, 2015-2018, 2020)
- Past President (2011-2012)
- President (2010-2011)
- Vice President (2009-2010)
- Board Member (2005-2008, 2009 - 2013)
- Regional – Utility Roundtable Chair (2002-2006)
- Regional – Utility Roundtable Vice Chair (2001-2002)
- Regional – Utility Roundtable Board Member (2000-2001, 2007)

Boulder Development Commission/Boulder Economic Council

- Board (1994-present)

Association for University Business and Economics Research (AUBER)

- Secretary/Treasurer (2001-2007)
- Past President, Publications Chair (1996-1997)
- President 1995-96
- 1st Vice President 1994-1995
- Conference Chair 1995
- 2nd Vice President 1993-1994
- Chairman, Constitution and By-Laws Committee 1992-1993
- Board Member 1991-2007, 2014-2016

Denver Association of Business Economists

- President 1993-1994
- Vice President 1992-1993
- Secretary/Treasurer 1991-1992

Economic Developers Council of Colorado, Fall Conference Chair (2004)

Economic Development Commission Strategic Planning Committee (1997-1999)

World Trade Center Policy Advisory Board (1993-2000)

DRCOG Plan Forecast Committee (1991-2009)

Boulder Redevelopment Authority (2002-2012)

Blue Ribbon Commission on Revenue Stabilization (July 2006- January 2008)

Blue Ribbon Commission on Revenue Stabilization II (January 2009 – July 2010)

University Service

- Graduate School Executive Advisory Committee (June 2016-2019)
- Industry Collaboration Advisory Committee (July 2013- June 2016)
- CU Real Estate Center Board of Advisors (September 2012 – 2019)
- Academic Affairs Budget Advisory Committee (September 2012 – 2019)
- Graduate Teaching Program Committee (2010- 2019)
- Boulder Athletics Board (September 2009 – June 2010, September 2012 –April, 2013)
- Study Abroad Committee (2007 – present)
- Federal Relations Advisory Committee (2005- 2015)
- Research Cabinet (September 2002- 2015)
- Boulder Campus Planning Commission (January 2002-June 2016)
- Campus Master Plan Task Force (section chair) (2009 - 2010)
- College of Business External Relations Committee, Chair (2000- 2007)
- Graduate Task Force on Interdisciplinary Education (2004)
- College of Business Research Committee (1991-2001)
- Committee on Electronic Communications (1997- 2007)
- Demographics and Space Task Force, Chair (July 1997-May 1998)
- BUFLINKS Outreach Program (1995-1997)
- Chancellor Institutional Advisory Committee (1995-1997)
- Community Development Outreach Council (1995-1996)
- Chancellor's Task Force on Communication (1993-1994)
- Sustainable Boulder Economy Committee, University Representative (1994-1996)