

Patricia Muller

Center for Evaluation and Education Policy
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EDUCATION

Indiana University. July 1999. Ph.D. Major: Higher Education. Minor: Inquiry/Research Methodology. *Dissertation: Precollege science achievement growth: Racial-ethnic and gender differences in cognitive and psychosocial constructs. Analysis of National Educational Longitudinal Study (NELS) data using hierarchical linear modeling (HLM).*

Indiana University. May 1992. M.S. College Student Personnel Administration.

State University of New York at Binghamton. May 1990. B.S. Applied Social Sciences.

ACADEMIC AND ADMINISTRATIVE EXPERIENCE

Associate Director, Center for Evaluation and Education Policy. Indiana University. January 2004-present.

Associate Director, Indiana Center for Evaluation. Indiana University. July 2001 – December 2003.

Senior Research Associate, Indiana Center for Evaluation. Indiana University. June 1999 - June 2001.

Adjunct Faculty, School of Education. Indiana University. Taught doctoral student class (Y611) on qualitative methodology, Spring 2001.

Research Associate, Indiana Center for Evaluation. Indiana University. January 1999-June 1999.

Research Assistant and Staff Statistician, Cleveland Public School Choice Program Evaluation Project. Indiana University. November 1996-January 1999.

Research Assistant, American Educational Research Association/National Science Foundation Grant. Indiana University. Project Director, Frances K. Stage. Science, Mathematics and Engineering Majors: Effects of Pre-College Classroom Experiences, Ability and Student Psychological Factors. June 1997-January 1998.

Statistician, Kalamazoo College Retention Study. Paid consultant to Dr. John Bean, Professor. Indiana University. December 1997- February 1998.

Research Assistant, Associate Dean for Research and Development. School of Education, Indiana University. May 1995- December 1997.

Assistant Instructor, School of Education. Indiana University. Masters-level course (U549) on environmental theory and assessment. Fall 1997.

Program Advisor for Leadership Development and Service-Learning, Student Activities Office. Indiana University. 1992-1995.

Adjunct Instructor, School of Education. U495 Leadership Development Seminar. 1992-1995.

Assistant Coordinator, Department of Residence Life. Indiana University. 1990-1992.

Student Staff Supervisor and Course Instructor, Office of Orientation Programs, University Division. Indiana University. January 1991-August 1991.

EVALUATION EXPERIENCE**

*** Responsibilities as Associate Director include oversight and supervision of Research Associates with direct responsibility for the implementation of a portfolio of evaluation projects. Projects listed here do not reflect these projects for which I have provided general oversight, and quality control, but instead focus only on those evaluations that I have played a more significant role in directing and/or implementing.*

Evaluation of Ohio's Expanding the Pool of Qualified Teachers (EPQT), Ohio Department of Education. Project Director. December 2003 – June 2005.

Evaluation of the Ohio Literacy Initiative: OhioReads and Reading Excellence Act, Ohio Department of Education. Lead evaluator from 4/02 through 9/02, and project director throughout contract. March 2001 – June 2003.

Evaluation of the Reading Rescue Program, the Literacy Trust, Inc. Project director, and co-lead evaluator. September 2002 – August 2003.

Evaluation of School Reform Initiatives in Indiana, Indiana Department of Education. Project director. July 1999- June 2002.

Case study of Key Effective Practices Implemented by Ohio's 1999-2000 Improved School Districts, Ohio Department of Education. Project Director. March 2001 – February 2002.

Impact Study of the Ohio Local Report Card Project, Ohio Department of Education. Project director, and co-lead evaluator. November 1999 – June 2001.

Evaluation of Project Enhance: An inner city middle school program for improving mathematics and science learning, Lilly Foundation Inc. through Marian College. Lead evaluator. November 1999 – December 2001.

Evaluation of the Ohio Summer Institute on Reading Intervention, Athens-Meigs Educational Service Center and the Ohio Department of Education. Project Director. July 2000 – June 2001.

Surveys and Findings in the Study of Community (Charter) Schools in Ohio, Ohio Legislative Office of Education Oversight (LOEO). Project Director. February 2001 – May 2001.

Evaluation of Remediation Programs in Indiana, North Central Regional Education Laboratory. Lead evaluator. November 1999 – January 2000.

Evaluation of the Cleveland Scholarship (Voucher) and Tutoring Program, Ohio Department of Education. Statistician from November 1996-January 1999.

PUBLICATIONS

Schreiber, J. B. and Muller, P. (2003). Hierarchical (Multilevel) Linear Modeling. In Schreiber, J. B. Ed., Journal of Educational Research theme issue reviewing methodologies. Invited manuscript currently under review.

Muller, P., Stage, F. K., Kinzie, J. (2002). Science Achievement Growth Trajectories: Using Hierarchical Linear Modeling (HLM) to Understand Factors Influencing Racial-Ethnic Differences. American Educational Research Journal, 38(4), pp.981-1012.

Boone, W. J., Metcalf, K. K., and Muller, P. A. (2001). The impact of vouchers on the science and mathematics achievement of elementary students in a majority African American public school district. Journal of Women and Minorities in Science and Engineering. 7(4), 341-354.

Metcalf, K. K., Muller, P. A. , and Legan, N. A., Eds. (2001). School Choice in America: The Great Debate. Phi Delta Kappa International. Hot Topics Series. Bloomington, IN: Phi Delta Kappa.

Stage, F. K., Muller, P., Kinzie, J., & Simmons, A. (1999). Creating Learning Centered Classrooms: What Does Learning Theory Have To Say?. ASHE-ERIC Higher Education Reports, Volume 26, No. 4. Washington, D.C.: The George Washington University, Graduate School of Education and Human Development.

Muller, P., & Stage, F. K. (1999). Service-Learning: Exemplifying the connections between theory and practice. In F. K. Stage, L. Watson & M. Terrell (Eds.), Maximizing Student Learning and Development Through Involvement and Investment. ACPA Media.

Stage, F. K., & Muller, P. (1999). Theories of learning for college students. In F. K. Stage, L. Watson & M. Terrell (Eds.), Maximizing Student Learning and Development Through Involvement and Investment. ACPA Media.

Kinzie, J., Stage, F. K., Muller, P. (Submitted for publication). Science, Mathematics and Engineering Majors: Cultural Capital, Aspirations, and Psychological Factors. Journal of Higher Education.

Bean, J., & Muller, P. (1998) A Study of College Student Retention at Kalamazoo College. Technical Report. Kalamazoo, Michigan.

Muller, P. (accepted for publication). White racial consciousness and its relationship to racism. In S. Ferguson, T. King, & C. Bierderman (Eds.), The Quest for Cultural Competence. San Francisco: Jossey-Bass.

Johnson, C., Kunkle, J. & Muller, P. (1992). The effect of a Black Culture Center on African-American students' perception of the college campus. Journal of the Indiana University Student Personnel Association, 3-15.

Muller, P. (1991). Orientation programs: In aggressive pursuit of diversity. Journal of the Indiana University Student Personnel Association, 3-13.

COMPETITIVE CONFERENCE PAPERS

Muller, P. (2002). The efficiency and effectiveness of web-based surveys to collect data from K-12 teachers. Paper presented at the 2002 American Evaluation Association Conference. Washington, D.C.

Muller, P. (2002). The development and use of an analytic rubric to evaluate the impact of a state-wide K-12 literacy program. Paper presented at the 2002 American Evaluation Association Conference. Washington, D.C.

Muller, P. (2002). Increasing the quality and rigor of educational evaluation: Issues and implications of the No Child Left Behind legislation. Paper presented at the 2002 American Evaluation Association Conference. Washington, D.C.

Muller, P., and Metcalf, K. K. (2002). A holistic model for comprehensive program evaluation. Paper presented at the 2002 American Evaluation Association Conference. Washington, D.C.

Muller, P. A, Metcalf, K.K., Beghetto, R., Rajgopal, R., and Kercheval, A. (2001). The holistic model of evaluation. 2001 Annual Meeting of the American Evaluation Association, St Louis, MO.

Muller, P.A. (2001). The complexities of longitudinal evaluations incorporating student academic achievement as an outcome measure. 2001 Annual Meeting of the American Evaluation Association, St Louis, MO.

Muller, P. A., and Kercheval, A. (2001). A theory-based evaluation of a statewide district report card initiative: Effects on parents and the general public. 2001 Annual Meeting of the American Evaluation Association, St Louis, MO.

Muller, P. A., Metcalf, K. K., Beghetto, R., Rajgopal, R., and Kercheval, A. (2001). Applications of the Holistic Model of Evaluation. Annual meeting of the Mid-Western Educational Research Association (MWERA). Chicago, IL.

Muller, P. A., and Metcalf, K. K. (2001). Publicly-funded school vouchers: Results from an evaluation of one state=s efforts. American Educational Research Association Annual Meeting 2001. Seattle, WA.

Muller, P. (1999). Precollege Mathematics Achievement: Effects of Cognitive and Psychosocial Constructs by Race-Gender and Ethnicity. Paper presented at the 1999 Annual Meeting of the American Educational Research Association, Montreal.

HONORS

American Educational Research Association (AERA) Dissertation Research Grant.
August 1998 - May 1999.

August and Elizabeth Eberle Fellowship. Indiana University. August 1997- July 1998.

University Graduate Fellowship. Indiana University. August 1995-May 1997.

American Educational Research Association Graduate Student Seminar on Quantitative Analyses.
Nominated as Indiana University Representative. April 1998.

Association for the Study of Higher Education Policy Issues Graduate Student Seminar. Nominated as Indiana University Representative. October 1996.

National Center for Education Statistics, U.S. Department of Education. Selected to attend training program on the use of NCES Databases for research and policy discussion. Washington, DC. August 1996.

Indiana University Jimmy Ross Award. Presented annually by the student body to one professional staff member in recognition of their contribution to the university. 1994.

Committee on Multicultural Understanding Award for Outstanding Contributions Regarding Cultural Diversity. Indiana University. 1991.

National Orientation Directors Association (NODA) Norman K. Russell Scholarship. Awarded in recognition of excellence and contribution to the field. 1991.

Henry L. Pitler Award for Scholarship and Leadership. State University of New York at Binghamton. 1990.

University Award for Excellence. State University of New York at Binghamton. Awarded in recognition of leadership, service and academic excellence. 1989.

TRAININGS AND EDUCATIONAL SEMINARS

Project Management Training. Three day project management training provided by PM Advisors. Spring 2003.

Cost-Benefit and Cost-Effectiveness Analyses. The Evaluators Institute. July 23-24, 2001. Washington, D.C.

Evaluating Programs for Hard to Reach Populations. The Evaluators Institute. July 26, 2001. Washington, D.C.

Advanced Issues in Utilization-Focused and Developmental Evaluation. The Evaluators Institute. July 27, 2001. Washington, D.C.

Design and Administration of Internet and Mail Surveys, The Evaluators Institute. October 30 - November 1, 2000. Honolulu, Hawaii.

Association for Institutional Research (AIR) Institute for Graduate Students. NSF Database Institute. Selected to attend summer 1998 institute in Washington, D.C.

American Educational Research Association Graduate Student Seminar. Advanced Seminar in Quantitative Analyses. April 1998.

Association for the Study of Higher Education Graduate Student Seminar. Policy Issues in Higher Education. Memphis, TN. October, 1996.

National Center for Education Statistics, U.S. Department of Education. Completed advanced studies seminar on training use of NELS:88 and NHES databases for educational research and policy discussion. Washington, D.C. August 1996.

GRANTS AND AWARDS

(Note: Only those grants *not* associated with the Indiana Center for Evaluation are listed. Full listing of external funding during tenure at Indiana Center for Evaluation is available upon request.)

Precollege Science Achievement: Racial-Ethnic and Gender Differences in Cognitive and Psychosocial Constructs. Awarded. American Educational Research Association Grants Program. Dissertation Grant. \$10,000. August 1998-July 1999.

“Science, Mathematics and Engineering Majors: Effects of Pre-College Classroom Experiences, Ability and Student Psychological Factors.” (with F.K. Stage and J. Kinzie). Awarded. American Educational Research Association/National Science Foundation Grants Program. \$24,994. 7/97-6/99.

NSF Database Institute. Association for Institutional Research. \$1,500. June 1998.

Institute on Statistical Analysis for Educational Policy. American Educational Research Association. \$1500. July 1996.

PRESENTATIONS AND INVITED TALKS

Evaluation Capacity Building: Building the Internal Evaluation Capacity of Other Organizations. Half day workshop presented at the Annual Meeting of the Canadian Evaluation Association, Vancouver, B.C. June 1, 2003.

The School Choice Debate: Lessons from the Cleveland Scholarship Evaluation Project. Panel presentation at the Midwest Educational Research Association Conference, Chicago. October 1998.

Freirian Pedagogy and Service-Learning. Invited lecturer in F.K. Stage's education doctoral seminar, C750, Learning and Teaching on the College Campus. Indiana University. February 1997.

Developing Service-Learning Both Inside and Outside the Formal Curriculum. Invited address for Indiana Campus Compact's Service-Learning Curriculum Development Seminar. 1996.

White Racial Consciousness and its Relationship to Racism. Invited Address for the Commission on Multicultural Understanding and the Office for Women's Affairs. Indiana University. 1996.

Breaking Through Barriers, Building Connections: Triumphs and Tribulations of a Women's Leadership Conference. Indiana Association of Women in Education Annual Conference. Indianapolis, IN. 1994.

Tomorrow's Designs: Incorporating Multicultural Issues Into Orientation Programs. National Orientation Directors Association National Conference. Costa Mesa, CA. 1991.

Incorporating Multicultural Issues Into Orientation Programs. National Orientation Directors Association Region VII Conference. Indianapolis, IN. 1991.

Diversity in the Residence Halls. Midwest Meeting of Graduate Students in Student Personnel Conference. Bloomington, IN. 1990.

PROFESSIONAL SERVICE

Fall 2003. Pro-bono consultant for Indiana Commission on Community Service and Volunteerism.

Fall 2001 B Fall 2002. Pro-bono methodology and evaluation consultant to the Indiana Youth Workers= Advisory Board.

Proposal reviewer for American Educational Research Association Annual Meeting. 1996, 1997, 2000, 2001, 2002.

Proposal reviewer for American Evaluation Association Annual Meeting, 2001,2002.

Research paper session chair. American Evaluation Association Annual Meeting, 2001.

Research paper session chair, discussant. American Educational Research Association Annual Meeting, 1996.

Vice-chair, Human Rights Commission, City of Bloomington. November 1996-August 1998.

Investigator, Human Rights Commission, City of Bloomington. August 1995-November 1996.

Chair, Indiana University Council on Service-Learning and Community Service. 1992-1994.

Advisory Board, Indiana Campus Compact. 1992-1995.

Executive Council, Committee on Multicultural Understanding. Indiana University. 1992-1995.

Grant writer, Learn and Serve America: Higher Education. Submitted proposal to the Corporation for National and Community Service for Collaborative City and University _Service-Learning Center. 1994.

Proposal Reviewer, Indiana Campus Compact Lilly grant proposal. 1994.

Proposal Reviewer, Indiana Americorps grant proposals. 1994.

Board of Directors, City of Bloomington's Volunteer Action Center. 1992-1995.