

## Dr. Gilbert A. Valverde, Ph.D.

Department of Educational Policy and Leadership  
University at Albany, State University of New York  
Education 320  
Albany, New York 12222  
518 / 442-5089 (*office*)      518 / 442-4953 (*office fax*)  
gvalverde@albany.edu (*E-mail*)      www.albany.edu/~gv382 (*website*)

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### PERSONAL BACKGROUND

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#### EDUCATION

The University of Chicago *Doctor of Philosophy: 1994*  
Division of the Social Sciences,  
Department of Education,  
Administrative, Institutional, and Policy Studies  
Comparative Education Center

Universidad de Costa Rica: *Bachiller: 1986*  
Faculty of Philosophy  
San José, Costa Rica

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### SCHOLARSHIP

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#### AWARDS AND DISTINCTIONS

Comparative and International Education Society Presidential Elections, 2011. Elected by the membership to the presidency:

- Vice President for period 2011-2012,
- President-Elect for period 2012-13,
- President for period 2013-2014,
- Past President for period 2014-2015.

Member, Board of Directors, Comparative and International Education Society, elected by the membership for period 2008-2011.

Recipient, J. William Fulbright Senior Specialists Program, awarded June, 2006 for period 2006-2011.

Recipient, University at Albany Graduate Student Organization Teaching Excellence Award for 1998-1999.

Member, Board of Student Editors, American Journal of Education, January 1990 - January 1991.

Century Scholarship, The University of Chicago, 1987 – 1994

## ACADEMIC POSITIONS

Chair, *Department of Educational Administration and Policy Studies, School of Education, University at Albany - State University of New York*. May 2010 – present.

Associate Professor, *Educational Administration and Policy Studies, School of Education, University at Albany – State University of New York*. Affiliated faculty member of the Nelson A. Rockefeller College of Public Affairs and Policy, Graduate School of Public Affairs; and the Department of Latin American and Caribbean Studies Fall 2005 – present, [Assistant Professor: 1998-2005]. Core faculty of the Comparative and International Educational Policy Program since its formation, Fall 2002 – present.

Associate Director and Senior Researcher, *U.S. National Research Center, Third International Mathematics and Science Study (TIMSS) and Survey of Mathematics and Science Opportunities (SMSO), Michigan State University*. January 1992 - August 1998.

Assistant Professor, *College of Education, Michigan State University, Measurement and Quantitative Methods: Department of Counseling, Educational Psychology and Special Education*. Fall 1997 - Summer 1998.

## PUBLICATIONS (R = refereed, I = invited, S = Spanish, P = Portuguese, F = French)

### *Books and Monographs*

Valverde, Gilbert A. and Emma Näslund-Hadley. November 2010. *The State of Numeracy Education in Latin America and the Caribbean*. Washington DC: Inter American Development Bank, Education Division, Technical Notes - IDB-TN-185.

Valverde, Gilbert A., and Richard G. Wolfe. 2010. *Regional Testing and Evaluation Efforts in the Centers for Excellence in Teacher Training, CETT White Paper Series*. Washington DC: United States Agency for International Development.

Valverde, Gilbert A., Leonard J. Bianchi, William H. Schmidt, Curtis C McKnight, and Richard G. Wolfe. 2002. *According To the Book: Using TIMSS To Investigate The Translation Of Policy Into Practice In The World Of Textbooks*. Dordrecht, The Netherlands: Kluwer Academic Publishers.

Schmidt, William H., Curtis C. McKnight, Gilbert A. Valverde, Richard T. Houang and David E. Wiley. 1997. *Many Visions, Many Aims: A Cross-National Investigation Of Curricular Intentions In School Mathematics*. Dordrecht, The Netherlands: Kluwer Academic Publishers.

Schmidt, William H., C. McKnight, S. Raizen, P. Jakwerth, G. Valverde, R. Wolfe, E. Britton, L. Bianchi and R. Houang. 1997. *A Splintered Vision: An Investigation of U.S. Science and Mathematics Education*. Dordrecht, The Netherlands: Kluwer Academic Publishers.

Schmidt, William H., D. Jorde, L. Cogan, E. Barrier, I. Gonzalo, U. Moser, K. Shimizu, T. Sawada, G. Valverde, R. Prawat, C. McKnight, S. Raizen, E. Britton, D. Wiley & R. Wolfe. 1996. *Characterizing Pedagogical Flow: An Investigation of Mathematics and Science Teaching in Six Countries*. Dordrecht, The Netherlands: Kluwer Academic Publishers.

### **Articles and book contributions**

Valverde, Gilbert A. 2011. La buena enseñanza y la agenda abierta de la evaluación docente ante un recurso escaso (Good Teaching and teacher testing's open agenda in face of a scarce resource) in, *La Evaluación Docente en Chile*, edited by J. Manzi, R. Gonzalez and Y. Sun. Santiago, Chile; MIDE UC. (I/S)

Valverde, Gilbert A. 2009. A Padrões e avaliação (Standards and Evaluation) in, *Políticas Educacionais e Coesão Social – Uma Agenda latino-americana*, edited by S. Schwartzman and C. Cox. Rio de Janeiro, Elsevier; São Paulo: iFHC (I/P)

Valverde, Gilbert A. 2009. Estándares y evaluación. (Standards and Evaluation - spanish translation of article cited above) In *Políticas Educativas y Cohesión Social en América Latina*, edited by S. Schwartzman and C. Cox. Santiago, Chile: Uqbar Editores (I/S)

Ravela, Pedro; Patricia Arregui; Gilbert Valverde; Richard Wolfe; Guillermo Ferrer; Felipe Martínez Rizo; Mariana Aylwin and Laurence Wolff. 2008. Las Evaluaciones Educativas que América Latina Necesita (The Educational Evaluations That Latin America Needs). *Revista Iberoamericana de Evaluación Educativa* 1 (1) : 51-63. (I/S)

Valverde, Gilbert A. 2006. La interpretación justificada y el uso apropiado de los resultados de las mediciones (The Correct Interpretation and Appropriate Use of the Results of Educational Measurements). In *Sobre Estándares y Evaluaciones en América Latina* (On Standards and Evaluations in Latin America). Edited by Patricia Arregui. Santiago, Chile: PREAL – Grupo de Trabajo Sobre Estándares y Evaluación: 70-81 (I/S) [Update of original article published in 2000]

Ferrer, Guillermo; J.M. Esquivel and G. Valverde. 2006. Aspectos Del Currículo Prescrito en América Latina: Revisión de Tendencias Contemporáneas en Currículo, Indicadores de Logro, Estándares y Otros Instrumentos. (Aspects of the Intended Curriculum in Latin Americas: Survey of Contemporary Trends in Curriculum, Achievement Benchmarks, Standards and Other Instruments). Edited by Patricia Arregui. In *Sobre Estándares y Evaluaciones en América Latina* (On Standards and Evaluations in Latin America). Santiago, Chile: PREAL – Grupo de Trabajos Sobre Estándares y Evaluación: 123-180 (I/S)

Valverde, Gilbert A. 2006. Expectativas Claras: La calidad educativa y la articulación de un sistema de políticas en evaluación y currículo. (Clear Expectations: Educational Quality and the Articulation of a System of Evaluation and Curriculum Policies) *Cuadernos Nacionales del Instituto de Estudios Nacionales de la Universidad de Panamá* 8: 9-17. (I/S)

Valverde, Gilbert A. 2005. *El Movimiento a Favor de los Estándares en los Estados Unidos* (The movement in favor of educational standards in the United States). [Documentos, No. 32] Santiago de Chile. PREAL. (I/S)

Valverde, Gilbert A. 2005. Curriculum Policy Seen through High-Stakes Examinations: Mathematics and Biology in a Selection of School-Leaving Examinations From the Middle East and North Africa. *Peabody Journal of Education* 80 (1): 29-55. (R)

Valverde, Gilbert A. 2004. Curriculum Convergence In Chile: The Global And Local Context Of Reforms In Curriculum Policy. *Comparative Education Review* 48 (2): 174-201. (R)

Valverde, Gilbert A. 2003. La política en evaluación y currículo ante el desafío de la calidad: Tendencias mundiales y casos de los Países Bajos y los Estados Unidos (Testing And Curriculum Policy And The Challenge Of Quality: World Trends And Case Studies From The Netherlands And The United States). In *La experiencia internacional en sistemas de medición: Estudios de casos*. Santiago, Chile: Comisión para el Desarrollo y Uso del Sistema de Medición de la Calidad de la Educación. (I)

Valverde, Gilbert A. 2002. Curriculum: International. In *The Encyclopedia of Education (Second Edition)*, edited by James W. Guthrie. New York: Macmillan Reference. (I)

Valverde, Gilbert A. 2001. La política educativa peruana y las evaluaciones educacionales internacionales (Peruvian Educational Policy and International Educational Evaluations). *Crecer - Revista de la Unidad de Medición de la Calidad, Ministerio de Educación*, 2: 10-12. (I/S)

Valverde, Gilbert A. 2000. Strategic Themes In Curriculum Policy Documents: An Exploration Of TIMSS Curriculum Analysis Data. *International Journal of Educational Policy Research and Practice* 1 (2): 133-151. (R)

Valverde, Gilbert A. and William H. Schmidt. 2000. Greater Expectations: Learning From Other Countries In The Quest For World-Class Standards In US School Mathematics And Science. *Journal of Curriculum Studies* 32 (5): 651-687. (R)

Valverde, Gilbert A. 2000. La interpretación justificada y el uso apropiado de los resultados de las mediciones (The Correct Interpretation and Appropriate Use of the Results of Educational Measurements). In *Los Próximos Pasos: ¿Hacia Dónde y Cómo Avanzar en la Evaluación de Aprendizajes en América Latina?* (Next Steps: Where and How to Advance in the Assessment of Learning in Latin America), edited by Pedro Ravela. Lima, Perú: GRADE/Preal. (I/S)

Valverde, Gilbert A., and Martín Benavides A. 2000. *Análisis de Contenido de Evaluaciones Nacionales de Factores Asociados al Logro Académico en América Latina*. (A Content Analysis of National Evaluations of Factors Associated with Academic Achievement in Latin America) Lima, Perú: GRADE/PREAL. (I/S)

Valverde, Gilbert A. 1999. Xenophobia or Xenodochia? Myths And Lessons In A Recent Cross-National Study Of Mathematics And Science Achievement. *The AASA Professor* 22 (3): 1-7. (I)

Valverde, Gilbert A. 1999. Democracy, Human Rights, and Development Assistance for Education: The USAID and World Bank in Latin America and the Caribbean. *Economic Development and Cultural Change* 47 (2): 401-419. (R)

McKnight, Curtis C., and Gilbert A. Valverde. 1999. Explaining TIMSS Mathematics Achievement: A Preliminary Survey In *International Comparisons in Mathematics Education*, edited by Gabriele Kaiser, Eduardo Luna and Ian Huntley, 48-67. London: Falmer Press. (I)

Valverde, Gilbert A. 1998. Evaluation and Curriculum Standards in an Era of Educational Reforms. In *Evaluation and Education Reform: Policy Options*, edited by Benjamín Álvarez and Mónica Ruiz-Casares, 61-92. Washington DC: U.S. Agency for International Development. (I) (English version of Spanish-language contribution in subsequent reference)

Valverde, Gilbert A. 1997. Evaluación y Estándares de Currículo. In *Evaluación y Reforma Educativa: Opciones de Política*, edited by Benjamín Álvarez and Mónica Ruiz-Casares, 67-102. Washington DC: U.S. Agency for International Development. (I)

Valverde, Gilbert A., and William H. Schmidt. Winter 1997-98. Refocusing U.S. Math and Science Education. *Issues in Science and Technology*: 60-66. (I)

Valverde, Gilbert A. 1997. Las Políticas Educativas Nacionales Y La Participación En Estudios Internacionales. (National Educational Policies and Participation in International Studies). In *Avaliação e Determinação de Padrões na Educação Latino-Americana: Realidades e Desafios*, edited by Helena Bomeny. Rio da Janeiro: Fundação Getulio Vargas: 9-15. (S/I)

Valverde, Gilbert A. and Curtis C. McKnight. 1997. Importancia del Currículo y Algunos Temas Comunes en la Reforma de la Educación Matemática y Científica a Nivel Internacional. (Importance of Curriculum Standards and Some Common International Themes in Mathematics and Science Education Reform) *Formas y Reformas de la Educación PREAL*. 3 (1): 31-38. (S/I)

Schmidt, William H., Gilbert A. Valverde, Curtis C. McKnight and Edward D. Britton. 1996 Étude internationale des curricula. Description d'un système de mesure complet du curriculum formel. (The International Study of Curriculum. Description of a System of Measures of the Intended Curriculum) *Revue Internationale de l'éducation - Sèvres* 12: 119-133. (R/F)

Valverde, Gilbert A. 1995. United States. In *International Encyclopedia of National Systems of Education (Second Edition)*, edited by T. Neville Postlethwaite, 1033-41. London: Pergamon Press. (Invited contribution, adaptation of article cited below) (I)

Valverde, Gilbert A. 1994. United States: System of Education. In *International Encyclopedia of Education (Second Edition)*, edited by Thorsten Husén and T. Neville Postlethwaite, 6538-47. London: Pergamon Press. (I)

## RESEARCH FUNDING

*Assessing International Assessments: Developing an International Political Economy of Large-Scale Cross-National Educational Testing Programs*, Faculty Research Awards Program – Category A, The Research Foundation of the State University of New York, \$9,640.00. 2011-2012.

*Building Scholarship on Higher Education Policy: Advancing the Global Approach*. Ford Foundation. Valverde as Co - Principal Investigator (with A. Wagner and D. Levy). 3 –year grant for program development. \$ 250,000.00, January 2007 to December 2009

*Monitoring and Evaluation of Educational Opportunities and Learning in USAID Sponsored Projects in the Dominican Republic.* Program Office for Education, United States Agency for International Development. Valverde as Principal Investigator. 4 –year grant for longitudinal study of learning and educational opportunities. \$ 1.8 million, November 2003 to November 2007.

*Initial Development of Monitoring and Evaluation Study for USAID Projects in The Dominican Republic.* Program Office for Education, United States Agency for International Development. Valverde as Principal Investigator. 5-month preliminary research and development grant for one semester support for full-time graduate assistant: \$16,272.00 May 31 to October 31, 2003.

*Building Scholarship on Higher Education Policy: A Global Approach.* Ford Foundation program support for Comparative and International Policy Program (CIEPP), \$250,000.00. [co-investigator, with A. Wagner (PI) and D. Levy]. Grant is for development of three research and teaching strands within CIEPP, Valverde work on Accountability strand. 2002 - 2005.

*Measuring Structures of Curriculum Governance in Latin America,* Faculty Research Awards Program – Category A, The Research Foundation of the State University of New York, \$9,800.00. 1999-2000.

*Updating dataset on USAID and World Bank Group assistance to Latin American Education,* International Theme Group Seed Grant, College of Education, Michigan State University, \$3000.00, 1997.

#### **PH.D. DISSERTATION**

*International Development Assistance for Education: An Exploratory Study of Three Decades of World Bank and USAID Project Assistance in Latin America and the Caribbean.* [Dissertation committee: John E. Craig (Chair), Anthony S. Bryk, Robert Dreeben, and Kenneth K. Wong]

#### **REVIEWER FOR**

Educational Evaluation and Policy Studies

Comparative Education Review

International Journal of Educational Policy Research and Practice

Páginas de Educación: Revista de la Escuela de Educación de la Universidad Católica del Uruguay

#### **PAPERS PRESENTED (I = INVITED, R= REFEREED, S= SPANISH)**

"La buena enseñanza y la agenda abierta de la evaluación docente en América Latina" (Good teaching and Latin America's open agenda in teacher evaluation) at the Seminario Internacional: Medicina educacional y responsabilización: Las consecuencias de medir con consecuencias. Pontificia Universidad Católica de Chile, Santiago, Chile, May 24, 2011 (I/S)

"Summative and Formative Assessment of the National Tests of the Dominican Republic: Pitfalls and New Models for the Future" at the Annual Meeting of the Comparative and International Education Society, Chicago, Illinois, March 2010 (R)

"Modeling and Analysis to Address the Primary School Quality Crisis in the Dominican Republic: A case of policy analysis" at the Annual Meeting of the Comparative and International Education Society, Charleston, South Carolina, March 2009 (R)

(with Lawrence Wolfe) "The Educational Assessments that Latin America Needs" at the Annual Meeting of the Comparative and International Education Society, Charleston, South Carolina, March 2009 (R)

"Convergencia Curricular en Chile" (Curriculum Convergence in Chile). First Annual Meeting of the Peruvian Society for Education Research, Arequipa, Perú. November 2008. (R/S)

"What are the Most Important Lessons about Learning in the Dominican Republic for Government and International Assistance Agencies?" at the Annual Meeting of the Comparative and International Education Society, New York, New York, March 2008. (R)

(with Renzo Roncagliolo) "Time to Learn Mathematics in Public and Private Schools: Understanding Differences in Aspects of the Implemented Curriculum in the Dominican Republic" at the Annual Meeting of the Comparative and International Education Society, New York, New York, March 2008. (R)

"Opportunities to Learn Through the Educational Evaluation Research Consortium" at the Annual Meeting of the Comparative and International Education Society, Baltimore, Maryland, February 2007. (R)

"The Standards-Based Accountability Movement in the United States" at the conference: *Accountability Educacional: posibilidades y desafíos para América Latina a partir de la experiencia internacional* (Educational Accountability: Possibilities and Challenges for Latin America in the Light of International Experience) organized by the *Centro de Investigación y Desarrollo de la Educación* (CIDE: Centre for Research and Development in Education – A Chilean NGO) and *Programa de Promoción de la Reforma Educativa en América Latina y el Caribe* (PREAL: Program to Promote Educational Reform in Latin America a – Washington DC based NGO). Santiago, Chile. April 19, 2005. (I/S)

"Integrated Systems of Curriculum Policies for Academic Excellence" at the International Seminar on Standards and Testing: Advances and Challenges in Latin America, Lima, Peru, November 2004. (I / S)

"The Impact of Cross-National Achievement Studies on National Educational Policies: The Case of the TIMSS and the USA" at the XI National Coordinator's Meeting of the UNESCO Latin American Laboratory for the Evaluation of Educational Quality, Panama City, Panama, April 2002. (I / S)

"The Responsibilities of Curriculum Policy in Rising to the Challenge of Educational Quality" at the International Seminar on Standards and Educational Evaluation, Lima, Perú, October 2001. (I / S)

"Conceptual Prerequisites for Studying the Effects of Curriculum on Learning" at the Annual Meeting of the American Educational Research Association, New Orleans, Louisiana, April 2000. (R)

"School Mathematics and Science by the Book: A Study of textbooks in 38 nations" at the Annual Meeting of the Comparative and International Education Society, Toronto, Canada, April 1999. (R)

"Different Sources of Variation: The Influence of School, Class and Individual Effort on Achievement Scores" at the Annual Meeting of the American Educational Research Association, Montreal, Canada, April 1999. (R)

"Approaching the Integrated Study of the Functioning of Educational Systems" at the Annual Meeting of the American Educational Research Association, Montreal, Canada, April 1999. (R)

"The Architecture of Textbooks: Cross-National Variation in the Organization of Intended Educational Opportunities" at the Annual Meeting of the American Educational Research Association, Montreal, Canada, April 1999. (R)

"Characterizing U.S. Pedagogy through the Third International Mathematics and Science Study." at the Annual Meeting of the American Educational Research Association, San Diego, California, April 1998. (R)

"Greater Expectations: Learning from other nations in the quest for world-class standards in mathematics and science education" at the Annual Meeting of the American Educational Research Association, San Diego, California, April 1998. (R)

"The Architecture of Textbooks: Cross-national variation in the organization of intended educational opportunities." at the 42nd Annual Meeting of the Comparative and International Education Society, Buffalo, New York, March 1998. (R)

"Investigating Instructional Practices: Methodological Considerations." at the Annual Meeting of the American Educational Research Association, Chicago, Illinois, March 1997. (R)

"Item Topic Clusters: An Approach to Solving the Validity Dilemma in Cross-National Assessments." at the Annual Meeting of the American Educational Research Association, Chicago, Illinois, March 1997. (R)

"Innovations in Curriculum-Sensitive Evaluation and Cross-National Studies of Educational Policy." at the 41st Annual Meeting of the Comparative and International Education Society, Mexico City, Mexico, March 1997. (R)

"Science Education Policy in TIMSS Countries." at the 41st Annual Meeting of the Comparative and International Education Society, Mexico City, Mexico, March 1997. (R)

"Surveying Mathematics and Science Opportunities to Learn: An Introduction to Curriculum Analysis." at the Eighth Meeting of the International Conference of Mathematics Education (ICME), Seville, Spain, July 1996. (R)



"Envisioning Curriculum-Sensitive Studies of Educational Systems: Implications of the TIMSS Model for Future Research." at the Annual Meeting of the American Educational Research Association, New York, New York, April 1996. (R)

"Measuring the Intended Curriculum: Textbooks and the Implementable Curriculum." at the Annual Meeting of the American Educational Research Association, New York, New York, April 1996. (R)

"Curriculum-Sensitive Studies of Educational Systems: Implications of the TIMSS Model for Future Large-Scale Comparative Research." at the 40th Annual Meeting of the Comparative and International Education Society, Williamsburg, Virginia, March 1996. (R)

"Democratization, Human Rights, and Development Assistance for Education: The US AID and World Bank in Latin America and the Caribbean." at the 40th Annual Meeting of the Comparative and International Education Society, Williamsburg, Virginia, March 1996. (R)

"Cross-national and Regional Variations in Mathematics and Science Curricula." at the Annual Meeting of the American Educational Research Association, San Francisco, California, April 1995. (R)

"International Development Assistance for Education: Report from a Study of Three Decades of World Bank and USAID Project Assistance in Latin America and the Caribbean." at the 39th Annual Meeting of the Comparative and International Education Society, Boston, Massachusetts, April 1995. (R)

"Studying the World's Curricula in Mathematics and the Sciences." at the 39th Annual Meeting of the Comparative and International Education Society, Boston, Massachusetts, April 1995. (R)

"Cross-National Patterns in the Treatment of Topics in Measurement and Data Analysis: A Comparison Between Mathematics and the Science Education." at the Annual Meeting of the American Educational Research Association, New Orleans, Louisiana, April 1994. (R)

"Measurement of Content Coverage Goals and Opportunity to Learn." at the Annual Meeting of the American Educational Research Association, New Orleans, Louisiana, April 1994. (R)

"International Curriculum Analysis." at the 38th Annual Meeting of the Comparative and International Education Society, San Diego, California, March 1994. (R)

"World Bank and USAID Assistance for Education: An Exploration of Funds Awarded to Projects in Latin America and the Caribbean from 1960 to 1990." at the 38th Annual Meeting of the Comparative and International Education Society, San Diego, California, March 1994. (R)

"Modified Topic Trace Mapping." at the Annual Meeting of the American Educational Research Association, Atlanta, Georgia, April 1993. (R)

"Designing Measures of Mathematics and Science Curriculum, Learning Opportunities, and Instructional Practices for TIMSS: The Survey of Mathematics and Science Opportunities (SMSO)." at the Annual Meeting of the American Educational Research Association, Atlanta, Georgia, April 1993. (R)

"Issues in the Comparative Study of Curricula." at the 37th Annual Meeting of the Comparative and International Education Society, Kingston, Jamaica, March 1993. (R)

#### **CURRENT RESEARCH INTERESTS**

Global trends in Mathematics and Science education policy, including especially policies regarding opportunities to learn mathematics and the sciences in elementary and secondary schooling.

The study of methodological options in the measurement of learning (that is, growth over time) and how these compare to options for the measurement of achievement (cumulative knowledge and skills). With a special interest in their respective strengths and weaknesses in the study of educational opportunity structures in school mathematics and science, and the implications of these for their uses as evidentiary bases for educational policymaking in general, and educational accountability structures in particular.

The cross-national study of curriculum governance policies: focusing on the role of complex partnerships of global-domestic, private-public, and for profit-not for profit actors and agencies in educational standards, indicator systems, textbook and assessment policy and the configuration of educational opportunity structures in the context of educational reform.

Role of large-scale cross-national studies of education in mathematics, science and reading in the national and state educational policy debates in the United States and other countries, particularly concerning curriculum governance and assessment policy.

#### **MEMBERSHIP IN LEARNED AND PROFESSIONAL SOCIETIES**

- American Educational Research Association
- Comparative and International Education Society
- American Association of Hispanics in Higher Education
- Latin American Studies Association

#### **LANGUAGES**

English and Spanish – native fluency (experienced simultaneous translator); French and Portuguese – some reading, some speaking; Classical Latin and Greek – reading.

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#### **APPLIED RESEARCH AND PROFESSIONAL PRACTICE**

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Principal Advisor to the Director, *Directorate of Evaluation and Quality Control, Ministry of Education*, Dominican Republic. Developing comprehensive plans for psychometric updating of national school leaving examinations, advising on participation in international assessments, and aiding in the development of new national diagnostic longitudinal assessments for primary school. 2010 – present.

International Advisor, *Instituto de Evaluación Educativa de la Universidad Católica de Uruguay*, Evaluation of the impact of Plan Ceibal on instructional practices in primary school classrooms. International advisor to this first-time evaluation of the instructional impact of the nation-wide distribution of notebook computers in the Republic of Uruguay. December 2010 – present.

Lead Author and Consultant, *Inter-American Development Bank*. Technical Note on Numeracy Education in Latin America. Conducted desk review of the current status of mathematics and science K-12 education in Latin America, identifying and analyzing recent innovative programs, and developed a recommended framework for action to guide new IDB investments in Numeracy Education in the region. May - November, 2010.

Consultant, *Achieve Inc.* Providing technical assistance and writing main report for the “Review of International Science Standards” benchmarking study comparing the United States to a selection of APEC and OECD countries. August 2009 – August 2010.

Lead international comparative analyst, policy analysis group coordinated by the *Universidad Diego Portales* in Santiago, Chile to provide support to the *Chilean Ministry of Education* in the development of new policies for secondary education. November 2008 – February 2009

Testing and evaluation policy advisor, *Aguirre International* and *United States Agency for International Development*. Providing advice to the Afghanistan Primary Education Project. September 2006 – 2007.

Principle evaluation and testing advisor, *United States Agency for International Development, Latin America and the Caribbean Bureau, Presidential Initiative for Centers for Excellence in Teacher Training*. Providing advice and aiding in compliance with data quality standards for efforts in monitoring and evaluation of this Presidential Initiative for purposes of formative feedback to regional centers in the Andean, English-speaking Caribbean and Central American Regions, and for purposes of reporting to the United States Congress. 2004 – 2010.

Standards and testing policy analyst, *United States Agency for International Development, Guatemala Mission*. Provided input to the development of the scope of work and request for proposals for a USAID project to entitled: “Development of a National Education Research and Evaluation System to Improve Educational Accountability, Quality and Efficiency in Guatemala”. January 2005.

Testing policy analyst, *World Bank Institute (WBI)* and *Ministry of Education, Youth and Sport -- Royal Government of Cambodia*. Conducted advisory review of testing policies and instruments developed by the Educational Quality Improvement Program (EQIP) for its work in Cambodia. December 2004.

Curriculum policy specialist, *Congreso de la República de Perú (National Congress of Perú)*. Presented and provided input as a member of an expert panel during a special session preparatory to the congressional debate of new national legislation to create the *Instituto Peruano de Evaluación, Acreditación y Certificación de la Educación* (Peruvian Institute for Educational Evaluation, Accreditation and Certification). Lima, Peru. November 10, 2004.

Analyst, *Comisión para el Desarrollo y Uso del Sistema de Medición de la Calidad de la Educación* (Commission for the Development and Use of the System for Educational Quality Measurement) convened by the Minister of Education, Chile. Providing analysis and testimony for the use of this special commission entrusted with recommending educational testing policy for Chilean primary and secondary education. August – December, 2003.

Panel Member, Quality Enhancement Review – Pilot Training Program on National Assessment. *The World Bank Institute, The World Bank*. Serving on panel in formative evaluation of the WBI training program to support the development of educational assessment in South East Asia, Africa and Latin America. April 21 and 22, 2003.

Evaluation policy specialist, Basic Education Policy and Support. *United States Agency for International Development – Dominican Republic Mission*. Serving as principal specialist to USAID for development of evaluation plan to study interventions in the education sector: including the Falconbridge Foundation School Sponsorship Program (a private foundation of a Canadian mining company), the Global Food for Education Initiative (a project of the US Department of Agriculture), and a new USAID School Sponsorship Program. April, 2001 – July 2007.

Evaluation policy specialist, Basic Education Policy and Support. *United States Agency for International Development – Dominican Republic Mission*. Serve as principal specialist in USAID technical assistance to the Dominican Secretariat of Education, charged with drafting specification for technical assistance project to create and consolidate a reliable system for educational data collection, validation, and information dissemination for the Dominican Republic. April, 2001 – July 2007.

Evaluation policy specialist, *Grupo de Análisis para el Desarrollo* (Group of Analysis for Development – GRADE), Perú. Member of multinational team of specialists assisting this Non-Governmental Organization in providing support to the Ministry of Education in the area of assessment and indicators policy. Summer 1998 – Winter 2002.

Lead analyst, *Grupo de Análisis para el Desarrollo* (Group of Analysis for Development – GRADE), Perú. Leader of team of analysts convened by this Non-Governmental Organization to prepare a policy analysis for the Ministry of Education of Perú examining options in the development of standards and evaluation policy within the context of educational reforms resulting from the restoration of democratic government. October, 2001.

Evaluation and curriculum policy team specialist, *United States Agency for International Development - Honduras Mission*. Served as member of interdisciplinary team in summative review of a five-year 12.5 million-dollar program of assistance to Honduran basic education. Also charged with evaluating Honduran education sector issues and laying out options and recommendations for new USAID strategic objective in the area of assistance in evaluation and curriculum policy. June 17 – July 21, 2000.

Educational research specialist, *Unidad de Currículum y Evaluación* (UCE – Curriculum and Evaluation Unit), *Ministry of Education, Chile*. In charge of training personnel in Chile in curriculum analysis methodologies, and responsible for preparation of data for Chilean national report benchmarking mathematics and science curricula in 4<sup>th</sup> and 8<sup>th</sup> grades with curricula of 38 other nations. Summer 1999.

Curriculum governance specialist, *Grupo de Análisis para el Desarrollo* (Group of Analysis for Development – GRADE), *Perú*. Leader of team of consultants convened by this Non-Governmental Organization to prepare and analysis brief for the Ministry of Education of Perú to assist in the development of evaluation policy for a newly established level of secondary-education, a 2-year final level called the *Bachillerato*. July and August, 1999.

Analyst, *National Governors' Association, Center for Best Practices, Education Policy Studies Division*. Authored policy brief for meeting of National Governors' Association concerning policy implications of the Third International Mathematics and Science Study, July 1998.

Analyst, *Unidad de Desarrollo Curricular y Recursos Educativos de Educación Secundaria* (Curriculum and Educational Resources Unit for Secondary Education), *Perú*. Providing assistance in evaluation of curriculum standards policies associated with reform of secondary education. Additionally, assisted in design of research and evaluation plans for verification and enhancement of reform curriculum. May 16 – 23, 1998.

Analyst, Technical Secretariat, Educational High Council, *Chile (Secretaría Técnica, Consejo Superior de Educación, CSE)*. Assisting CSE staff in their mandate to review curriculum standards, programs of study, and educational evaluation policies proposed by the Ministry of Education. November, 1997 – 1998.

Analyst and external evaluator, *Ministry of Education of Ecuador and United Nations Office for Project Services*. Conducted assessment of evaluation policy related to first national educational assessment effort in Ecuador, a component of a basic education quality and equity project directed toward the urban poor (EB / PRODEC) financed by the World Bank. Also aided in design of a new program of educational opportunity research sponsored by the Ministry in the areas of Mathematics and Reading Comprehension. November 1997.

Team specialist in evaluation policy, *The World Bank. Supervisory Mission, Chile: Primary Education Improvement Project and Secondary Quality Improvement Project*. Advisor on curriculum, quality assurance mechanisms, and secondary education strategy in the context of Chilean concerns with global competitiveness. Delivered lectures on evaluation and curricula at the Pontificia Universidad Católica de Chile as part of this mission. May 1997.

Analyst, *The World Bank*. Conducted three-month study of evaluation standards for Mathematics and Biology school-leaving examinations in Middle East and North Africa. September - November, 1996.

Consultant, *Chicago Board of Education, Division of Research Evaluation and Planning, Bureau of Program Evaluation*. September 1989 - June 1990.

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**SCHOLARLY AND PROFESSIONAL SERVICE**

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***University service***

Chair, Department of Educational Administration and Policy Studies, School of Education, University at Albany, State University of New York, June 2010 - present.

Member, Dean of Graduate Studies Search Advisory Group. University at Albany, State University of New York, Spring 2010.

Chair, Ad Hoc Search Committee, Department of Educational Administration and Policy Studies, School of Education. Position: Senior Professor of Global Education Policy. University at Albany, State University of New York, 2007-2008.

Member, Ad Hoc Search Committee, Department of Educational Administration and Policy Studies, School of Education. Position: Assistant Professor of Educational Leadership. University at Albany, State University of New York, 2007-2008.

Member, Ad Hoc Search Committee, Department of Educational Administration and Policy Studies, School of Education. Position: Adjunct Associate Professor of Educational Leadership. University at Albany, State University of New York, 2007-2008.

Member, University Diversity Audit Self-Study Team. University at Albany, State University of New York, 2007-2008.

Chair, Examining Committee for Doctoral Comprehensive Examinations, Department of Educational Administration and Policy Studies, University at Albany, State University of New York, Fall 2006.

Member, Ad Hoc Search Committee, Department of Educational Administration and Policy Studies, School of Education. Position: Assistant Professor of Higher Education Administration. University at Albany, State University of New York, Fall 2006.

Member, Ad Hoc Search Committee, Department of Educational Administration and Policy Studies, School of Education. Position: Assistant Professor of School Leadership. University at Albany, State University of New York, Fall 2006.

Member, Ad Hoc Search Committees, Department of Educational Theory and Practice, School of Education. Position: Assistant Professor of Instructional Technology. University at Albany, State University of New York, Fall 2006.

Member, Ad Hoc Search Committees, Department of Educational Theory and Practice, School of Education. Position: Assistant Professor of Science Education. University at Albany, State University of New York, Fall 2006.

Member, Ad Hoc Search Committees, Department of Educational Theory and Practice, School of Education. Position: Assistant Professor of Educational Diversity. University at Albany, State University of New York, Fall 2006.

Member, Admissions and Academic Standing Committee, Department of Educational Administration and Policy Studies, School of Education, University at Albany, State University of New York, Spring 2005 - present.

Member, Ad Hoc Search Committee, Department of Educational Administration and Policy Studies, School of Education, University at Albany, State University of New York, Fall 2005.

Member, Ad Hoc Search Committee, Department of Educational Theory and Practice, School of Education, University at Albany, State University of New York, Fall 2005

Member, Graduate Studies Council, Department of Latin American and Caribbean Studies, College of Arts and Sciences, University at Albany, State University of New York, Spring 2003 – present.

Chair, Examining Committee for Doctoral Comprehensive Examinations, Department of Educational Administration and Policy Studies, University at Albany, State University of New York, Fall 2003 – Spring 2004.

Member, Curriculum Standing Committee, Department of Educational Administration and Policy Studies, School of Education, University at Albany, State University of New York, Fall 1998 – Fall 2005.

Member, Faculty Council, College of Education, University at Albany, State University of New York, Fall 2002 – Fall 2003.

Chair, Curriculum Standing Committee, Department of Educational Administration and Policy Studies, School of Education, University at Albany, State University of New York, Fall 2000 – Fall 2001.

Member, Ad Hoc Search Committee, Department of Educational Administration and Policy Studies, School of Education, University at Albany, State University of New York, Fall 2000.

Member, Ad Hoc Search Committee, Department of Educational Theory and Practice, School of Education, University at Albany, State University of New York, Spring 2000.

Member, Ad Hoc Strategic Planning Committee, Department of Educational Administration and Policy Studies, School of Education, University at Albany, State University of New York, Fall 1998 - Spring 2000.

Member, Provost's Advisory Task Force on the Assessment of Student Learning Outcomes, State University of New York System Administration, Office of the Provost and Vice Chancellor for Academic Affairs. Fall 1999 - Fall 2000.

Member, Planning Committee for Interdepartmental Degree Program in Instructional Leadership, School of Education, University at Albany, State University of New York. Fall 1999 - 2000.

Member, Academic Council, School of Education, University at Albany, State University of New York, Fall 1998 - 2001.

### ***National service***

Member, Outstanding Dissertations Committee, *American Association of Hispanics in Higher Education*, 2010 - present

Chair, Ad Hoc Committee for Allocation of Funds and Fundraising, *Comparative and International Education Society*, 2010-2011.

Member, Ad Hoc Committee on the Future of Management and Leadership, *Comparative and International Education Society*, 2010-2011.

Chair, Ad Hoc Committee on the Advancement of Comparative and International Education. *Comparative and International Education Society*, 2009-2010.

External reviewer, for case of consideration of promotion and continued appointment to the Department of Mathematics, *Texas State University San Marcos*. October 2008.

Member, Board of Directors, Comparative and International Education Society. Period 2008-2011.

External reviewer, for case of consideration of continued appointment to the Department of Mathematics and Statistics, *American University*, Washington D.C. November, 2003.

Executive Committee member, *Collegiate Association for the Development of Educational Administration*. Fall 1998 - 2001.

Advisor, *First in the World Consortium*. Assisting in data analysis, interpretation, and communication for this consortium of twenty school districts in suburban Chicago, Illinois. Coordinated curriculum analysis component of the consortium's participation in the TIMSS, and was member of teacher instructional practices data analysis team. Summer 1997 - Fall 1998.

Advisor, *National Aeronautics and Space Administration (NASA), Classroom of the Future*. Work on external advisory committee on evaluation and standards for NASA's Challenges in Applied Mathematics and Physics (CHAMP) curriculum project. February – August, 1997.

### ***International service***

Member, Board of Directors and Board of Editors, *REVALÚE: Revista de Medición, Evaluación y Políticas Educativas*. Research journal of a consortium of Mexican, Spanish, Uruguayan and one US University (University at Albany) headquartered at the Universidad Autónoma de Aguascalientes. May 2010 - present.



Member, External Evaluation Committee (CEAE) of the School of Government of *Universidad Torcuato Di Tella*, Buenos Aires, Argentina. Fall 2010 - present

International Academic Committee Member (*Miembro, Comité Académico Internacional*) of the *Centro Medición MIDE - UC (MIDE-UC Measurement Center)*, *Pontificia Universidad Católica de Chile*. Fall 2009 - present.

Member, International Editorial Board. *Páginas de Educación*. Peer reviewed journal in education of the *Faculty of Human Sciences, Universidad Católica del Uruguay*. Fall 2009 - present.

Reviewer, *Social Sciences and Humanities Research Council of Canada*. Reviewing research grant applications for the Canadian federal agency that promotes and supports university-based research in the humanities and social sciences. Spring 2009 – present.

Advisor, *Ministerio de Educación (Ministry of Education)* of the Dominican Republic. Providing advice on the implementation of reforms to the national educational testing and national educational evaluation systems. August 2009 – present.

Expert witness, *Ministerio de Educación y Consejo Superior de Educación (Ministry of Education and High Council of Education)*, *Republic of Costa Rica*. Provided advice to both bodies in joint special session, concerning recently approved change in Costarican educational law requiring participation in TIMSS and PISA international assessments. San José, Costa Rica, May 22, 2009

Advisor, *Consejo Nacional de Educación (National Council of Education); Ministry of Finance and Ministry of Education, Republic of Perú*. Providing advice on educational evaluation and standards policy to key governmental agents in Peru, as input to the process of implementing the newly legislated *Plan Educativo Nacional (National Educational Plan)*. Lima, Perú. May 2007.

Steering Committee Member, *Working Group on Standards and Evaluation, Program to Promote Educational Reform in Latin America (PREAL)*. Core member of this multinational working group promoting and conducting policy analysis and research on the role of standards and evaluation in educational governance in Latin America. 1998 – present.

Member, Selection Committee, *Latin American Educational Research Fund*. Serve as a reviewer member of Selection Committee a Latin American regional educational grant program, underwritten by the Global Development Network and coordinated by PREAL. In 2002, nine grants for projects in five countries, totaling US \$227,650.00 were awarded in this program to which eligibility is limited to researchers based in Latin American institutions. 2002 – 2003.

External Advisor, *Sistema de Ingreso a la Educación Superior (SIES) – Admissions System for Higher Education, Consejo Nacional de Rectores – National Council of Rectors, Universidad de Chile and Pontificia Universidad Católica de Chile, Republic of Chile*. External advisor to this project for the development of a new system of admissions tests to Chilean universities. 2000 – 2003.

Advisor, *Ministry of Education, Republic of Chile*. Advisor on curriculum and evaluation, policy for reform initiatives in primary and secondary education. Commissioned to conduct benchmarking study of Mathematics and Science curriculum proposals that are part of current curriculum reform of secondary education in Chile. Advisor to ministerial Unit of Curriculum and Evaluation. March 1997 – 2002.

Member, international panel of advisors: *Taller Internacional: Aportaciones a la definición de una Política Nacional de Evaluación de la Educación en México*. Providing advice at an international invitational workshop convened by Felipe Martinez Rizzo, director of the *Instituto Nacional de Evaluación de la Educación (INEE)* in Mexico, to contribute to the preparation of a document recommending national educational evaluation policy for submission to the Mexican Senate and Executive branch. Mexico, D.F. February 5-7, 2003.

Expert witness, University Seminar for Review of Reform in Admissions Standards, *Pontificia Universidad Católica de Chile (PUCC)* – Chile. Provided testimony to this closed session of university officials, faculty, the Vicariate and Auxiliary Bishopric for Education, and Ministry of Education, charged with recommending policy for the PUCC regarding changes in university admission tests administered by the Council of Rectors of Chilean Universities. Santiago, Chile. June 19-20, 2002.

Expert witness, *National Commission of Review of Curriculum Reform and Admissions Testing for Higher Education* – Chile. Provided testimony to this commission charged with aligning college entrance requirements in Chile with curriculum reform policies being implemented in secondary education. In addition, worked with Ministry of Education to formulate technical recommendations regarding college entrance examination policy options for consideration of the commission. Santiago, Chile. May 10 - 13, 2000.

Principal Advisor, *Coordinación Educativa y Cultural Centroamericana (CECC - Central American Office for Coordination in Education and Culture, an organization belonging to the Sistema de la Integración Centroamericana, established in the Tegucigalpa Protocol as a system devoted to regional integration)*. Principal external advisor to the CECC project to establish national standards for primary education in each Central American republic, as well as common regional standards. Project funded by the Organization of Ibero-American States (OEI – *Organización de Estados Iberoamericanos*). January - December, 1999.

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## TEACHING AND PROFESSIONAL TRAINING

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### UNIVERSITY COURSES TAUGHT (§= NEW COURSES DEVELOPED)

EAPS 887 – Advanced Seminar on Large-Scale International Comparative Studies in Education §

EAPS 601 – Introduction to Social Analysis

EAPS 666 / (Cross-listed as ALCS 599Q in Latin American and Caribbean Studies) – Comparative Educational Policy Studies §

EAPS 670 – Analysis for Educational Policy and Leadership §

EAPS 680 – Seminar in Educational Administration and Policy Studies – Master’s Level

EAPS 780 – Seminar in Educational Administration and Policy Studies – Certificate of Advanced Studies Level

EAPS 714 – Introduction to Research Methods in Educational Administration and Policy Studies

EAPS 715 – Research Practicum in Education Administration and Policy Studies

EAPS 891 – Seminar in Education Policy and Administrative Research

EAPS 766 – Research Seminar in Methods in Comparative and International Educational Policy Studies §

EAPS 687 – Seminar on the Global Politics of Educational Quality §

## DISSERTATION COMMITTEE WORK (C = CHAIR, M = MEMBER)

Zapata, Gonzalo. *Program Innovation in Higher Education: The Creation of New Degree Programs by Chilean Universities 1981-2008*. Proposal defended Fall 2011. (C)

Uribe, Lina. *State Policy Reform and Equitable Access to Higher Education: The Colombian Case*. Proposal Defended, Fall 2010. (M)

Scheker, Ancell. *Educational Reform and Teachers' Decision Making: Relationship between the intended and the implemented reading curriculum in Dominican primary schools*. Dissertation Defended, Spring 2011. (C) [Recipient of both University and School Distinguished Dissertation Awards.]

Horowitz, Rich. *The Relation of Mindfulness to Outstanding Student Affairs Leaders and College Leadership Development Programs*. Proposal Defended, Fall 2009 (C).

Praphamontripong, Prachayani. *Intra-Sectoral Diversity: A Political Economy of Thai Private and Public Higher Education*. Dissertation defended, Fall 2009. (M) [Recipient of the School of Education Distinguished Dissertation Award]

Perez, Iris. *Rural Education in Nicaragua and Costa Rica*. Dissertation Defended, Fall 2010. (M - Université de Montréal)

Rabossi, Marcelo. *Agency Costs and Labor Contract Design In Higher Education: The Case Of Two Public And Two Private Universities In Argentina*. Dissertation defended, Spring 2008. (M)

O'Neil, Michael. *Adolescent Problem Behavior, Engagement, and Progression Through the Mathematics Curriculum*. Dissertation defended, Fall 2008. (M)

Baxter, Barbara A. *Moral Education in the Culturally Diverse American Public School: Insights from Anthropology*. Dissertation defended, Spring 2007 (M)

Roncagliolo, Renzo. *Time to Learn Mathematics in Public and Private Schools: Understanding Differences in Aspects of the Implemented Curriculum in the Dominican Republic*. Dissertation defended, Fall 2009. (C)

Dragone, Joseph P. *The Achievement Gap: An Analysis of Building Level Trends and Contributing Factors Among Middle Schools in New York State*. Dissertation defended, Fall 2006. (M)

Greco, Joseph. *Rural Teacher Migration*. Dissertation defended, Spring 2007. (M)

Flotts de los Hoyos, María Paulina. *Validation of Four-Part Measurement Model in an Evaluation of the Scholastic Aptitude of Prospective University Students in Chile*. Dissertation defended August, 2004. (M – Pontificia Universidad Católica de Chile)

Flores, Irene G. *From Public Policy to Classroom Practice: Mathematics Curriculum Decision-making in Secondary Education in El Salvador*. Dissertation defended Spring 2006. (C)

Weber, Rita. *The Impact of Social And Academic Integration On the Persistence of Academically Under Prepared College Students*. Dissertation defended October 2005. (M)

Bump, Karin. *On the Fence of Legitimacy: A Framework for Understanding and Assessing the Legitimacy of New Academic Disciplines*. Dissertation defended, Fall 2009. (M)

Chen, Lu. *State Accountability Policies: The Case of Nevada*. Dissertation defended Fall 2007. (C)

O'Neil, Michael. *Adolescent Problem Behavior, Engagement, and Progression Through the Mathematics Curriculum*. Proposal defended, Fall 2006 (M)

Arenas, Jorge. *Technological Universities in Mexico*. Dissertation Defended, Fall 2009. (M)

Del Favero, Frank S. *The Influence of Professional Development Context, Process, and Content on the Academic Performance of Students in New York State Public Schools*. Dissertation defended May 2003. (C)

Hunt, Donald J. *Teachers Perceptions of Curricular Control*. Dissertation defended Spring 2003. (M)

Guptill, Angela M. *The Impact of Professional Support on Job Satisfaction of Female Superintendents in New York State*. Dissertation defended Spring, 2003. (Co-C)

Berger, Donna S. *A Study of the Effects of an Integrated "ABC" Approach to Self-Management on Student Self-Management Ability and Self-Efficacy*. Dissertation defended Fall 2003. (M)

Ganio, John W. *The Effect on Equity of Changes in Formula Funding for State University of New York Community Colleges*. Dissertation defended Fall 2003. (C)

Agafonov, Alexander. *Tolerance vs. Intolerance: Examining Attitudes of Russian Educators Toward Political, Social, and Moral Diversity*. Dissertation defended Summer 2007. (M)

Ingersoll, Barton L. *Identification of Factors that Influence First Semester Academic Success for First Time, Full-Time Students in a Four Year Liberal Arts Residential College*. Dissertation defended Fall 2003. (C)

Rose, Jane W. *Capable Students Who Drop Out of Suburban High Schools*. Dissertation defended Spring 2006. (M)

Bastiaens, Jozef. *Development Assistance and State-University Relations in Indonesia*. Dissertation defended, Summer 2007. (M)

**MASTER'S ESSAYS – MASTER OF PUBLIC POLICY, ROCKEFELLER COLLEGE (FA = FACULTY ADVISOR, R = READER)**

Noelle M. Ellerson, Spring 2006 (FA)  
Kristy Ellis, Spring 2006 (R)

**TEACHING AND PROFESSIONAL TRAINING OUTSIDE UNIVERSITY COURSES (S = SPANISH)**

Lecturer, Parliamentary Professional Development Course, Library of Congress of the Republic of Chile. *Contributions of Comparative Education to Educational Policy Analysis*. Delivered via videoconference, March 7, 2011.

Fulbright Senior Specialist Lecturer, "Seminario para los alumnos de grado de la Licenciatura en Ciencias de la Educación" (Seminar for Licentiate Degree Students in Educational Sciences). Universidad de San Andrés, Buenos Aires, Argentina, August 2, 2011. (S)

Fulbright Senior Specialist Instructor, "Seminario de Maestría en Evaluación Educativa" (Masters Seminar on Educational Evaluation) at the Universidad de San Andrés, Buenos Aires, Argentina, July 18 to 22, 2011. (S)

Instructor, "Taller Sobre el Diseño de Investigación Empírica en las Ciencias Sociales" (Workshop on the Design of Empirical Research in the Social Sciences) sponsored by the *Vicerectoría de Investigación, Innovación y Relaciones Interinstitucionales, Pontificia Universidad Católica Madre y Maestra*, Delivered workshop developed by myself in February 2009 to university faculty on main campus. Santiago de los Caballeros, Dominican Republic, September 28-30, 2009. (S)

Instructor, "Taller Sobre el Diseño de Investigación Empírica en las Ciencias Sociales" (Workshop on the Design of Empirical Research in the Social Sciences) sponsored by the *Vicerectoría de Investigación, Innovación y Relaciones Interinstitucionales, Pontificia Universidad Católica Madre y Maestra, Recinto Santo Tomas de Aquino*. Delivered workshop developed by myself in February 2009 to university faculty at this campus. Santo Domingo, Dominican Republic, May 21-23, 2009. (S)

Instructor, Master Class in Large Scale Cross-National Assessments, Universidad de Costa Rica (University of Costa Rica). San Pedro de Montes de Oca, Costa Rica. Sole instructor for intensive master class addressing technical and policy issues in large-scale international assessments. Class offered to students and faculty of the graduate program in educational evaluation. April 21-24, 2009. (S)

Instructor, "Taller Sobre el Diseño de Investigación Empírica en las Ciencias Sociales" (Workshop on the Design of Empirical Research in the Social Sciences) sponsored by the *Vicerectoría de Investigación, Innovación y Relaciones Interinstitucionales, Pontificia Universidad Católica Madre y Maestra*. Developed and delivered workshop to university faculty. Santiago de los Caballeros, Dominican Republic, February 10-13, 2009. (S)

Lead Instructor and Developer, "Workshop on Curriculum Analysis", The World Bank Institute (Juan Dolio, Dominican Republic). Created and lead instructional team of 3 for intensive workshop in curriculum analysis methods for the study of curriculum policy, alignment of assessment

instruments, and construction of test blueprints offered to Ministry of Education testing personnel from 9 Latin American Countries. January 23 – 26, 2008. (S)

Fulbright Senior Specialist Instructor, "Taller de Análisis Curricular" (Workshop on Curriculum Analysis), Universidad Católica de Uruguay, Montevideo, Uruguay. Organizer and sole instructor for intensive workshop in curriculum analysis methods for the study of curriculum policy, alignment of assessment instruments, and construction of test blueprints. October 30 – November 3, 2006. (S)

Fulbright Senior Specialist lecturer, *Universidad Católica del Uruguay*, Montevideo, Uruguay. Offered a series of conferences and lectures for faculty members and graduate students on topics in curriculum and testing policy, educational administration, and policy analysis. August 7 – 18, 2006. (S)

Convener and Moderator, On-Line Forum "Mitos, Controversias y Políticas en Evaluación Educativa en América Latina" (Myths, Controversies and Policies in Educational Evaluation in Latin America). Developed discussion guides, served as convener / moderator and wrote discussion summaries for this on-line multi-national forum. July – August, 2005. (S)

Instructor, 2005 *Summer Literacy Institute on Assessment and Instruction*, University at Albany, School of Education. Developed and delivered session: *Implications of the TIMSS for New York Curriculum Standards in School Mathematics and Science*. Albany, New York, June 28, 2005.

Instructor, "Expectativas Claras: Un Taller sobre Política Curricular" (Clear Expectations, a workshop on curriculum policy) sponsored by the *Partnership for Educational Revitalization in the Americas*. Developed and delivered one-day workshop to personnel of the Honduran Ministry of Education, the National Evaluation Unit, and members of education-oriented non-governmental organizations. Tegucigalpa, Honduras, May 27, 2004. (S)

Instructor, *New Superintendent's Workshop* sponsored by the *Hudson-Mohawk Region Leadership Academy, Albany, New York*. Developed and delivered one-day workshop: "Greater Expectations: Learning from other countries in the quest for world-class standards in school mathematics and science" Latham, NY. April 29, 2002.

Instructor, *the World Bank Institute, the United States Agency for International Development and Partnership for Educational Revitalization in the Americas*. Served as principal instructor for a course co-sponsored by these organizations. Developed new materials and revised extant material extensively based on previous effort in Central America. Course title: Educational Evaluation: Strategic Options. Santo Domingo, Dominican Republic. April 7 - 13, 2002. (S)

Instructor, *the World Bank Institute and Partnership for Educational Revitalization in the Americas*. Served as co-instructor for a course co-sponsored by these organizations. Course title: Educational Evaluation: Strategic Options. Course offered via traditional lectures and videoconferencing in Guatemala, Honduras, El Salvador and Nicaragua. August 13 – 21, 2001. (S)

Guest lecturer, *Pontificia Universidad Católica de Chile*, School of Psychology. Delivered lecture and workshop in this School's Master and Doctoral degree programs. August, 2000. (S)

Instructor, *Beachwood City Schools, Beachwood, Ohio and the SMART (Science and Mathematics Achievement Required for Tomorrow) Consortium of Cleveland, Ohio*. Developed and delivered a 3-day workshop at Beachwood, OH school district offices, for superintendents, principals and department heads on world-class standards and benchmarking for school mathematics and science curricula. March 1-3, 1999.

Instructor, *Ministry of Education of El Salvador. San Salvador, El Salvador*. Developed and delivered workshop "Educational Evaluation: Policy Options for an Era of Educational Reform". December 14 - 18, 1998. (S)

#### **INVITED SPEECHES AND LECTURES (S = SPANISH)**

Keynote Speaker, UNESCO – UNICEF Joint Meeting on The Right to a Quality Education for All in Latin America and the Caribbean: *The utility of international assessments and their application in the design of national public policies in education*. Cartagena de Indias, Colombia, September 21, 2011.

Keynote Speaker, Universidad Torcuato di Tella: "Evaluaciones Internacionales de Calidad Educativa en América Latina". *International Evaluations of Educational Quality in Latin America*. Buenos Aires, Argentina, August 2, 2011.

Keynote Speaker, Universidad de San Andrés: "Evaluando la Participación de Argentina en PISA: Desafíos Políticos y Metodológicos" *Evaluating the Participation of Argentina en PISA: Challenges in Policy and Methodology*. Buenos Aires, Argentina, July 28, 2011. (S)

Plenary Address, II Semana de Investigación de la Pontificia Universidad Católica Madre y Maestra: *Research and Leadership: The Importance of the Analytic University*. Sede Santo Tomás de Aquino. Santo Domingo, Dominican Republic, November 1, 2010. (S)

Keynote Speaker, Seminario Internacional: Factores Asociados a la Calidad de la Educación: Una Cuestión de Derechos: *Standards and Evaluation: Challenges Facing Latin America*. Alcaldía Mayor de Bogotá, IDEP and Universidad Externado. Bogotá, Colombia, September 8, 2010. (S)

Keynote Speaker, Congreso Internacional de Evaluación y III Conferencia ReLAC (International Conference on Evaluation and III annual conference of ReLAC (Red Latinoamericana de Seguimiento Evaluación y Sistematización en América Latina y El Caribe): *Evaluation and Standards in Central America: The Challenges Ahead*. University of Costa Rica, San José, Costa Rica July 29, 2010. (S)

Plenary Address, Inter American Development Bank Expert Seminar: An Even Start: " Numeracy Education in Latin America and the Caribbean: *The State of Numeracy Education in Latin America and the Caribbean*. Enrique V. Iglesias Conference Center, Inter American Development Bank, Washington DC, June 7 2010.

Invited Speaker, New York State Association of Small City School Districts Annual Meeting: *How do US School Children Measure Up to Their International Peers?* Fort Orange Club. Albany, NY May 24 2010



Invited Lecture, University of Costa Rica: *La Participación en Estudios Internacionales Comparativos a Gran Escala en Educación: Consideraciones para Costa Rica* (Participation in Large Scale Cross-National Achievement Studies: Considerations for Costa Rica). San Pedro de Montes de Oca, Costa Rica, April 21, 2009. (S)

Plenary Address, at the founding of the IPEBA (Instituto Peruano de Evaluación, Acreditación y Certificación de la Calidad de la Educación Básica y Técnico Productivo - Peruvian Institute of Assessment, Accreditation and Certification of the Quality of Basic and Technical Education). *Evaluación y Estándares en América Latina* (Evaluation and Standards in Latin America). Lima, Peru, November 12, 2008. (S)

Invited speaker, CaPRI – the Caribbean Policy Research Institute, conference: *Improving the Quality of Education in Jamaica: Accountability and Performance*. Lecture title: *Lessons Learned in Standards and Assessment Policy*. University of the West Indies, Mona Campus, Kingston, Jamaica, October 29, 2008

Speaker, Facultad Latinoamericana de Ciencias Sociales (FLACSO – Latin American Faculty of Social Sciences). Lecture: *Evaluación y Estándares*. (Evaluation and Standards) Antigua, Guatemala, June 12, 2007. (S)

Plenary Address, Empresarios por la Educación (Business People for Education): *Desafíos a Futuro del Sistema de Estándares y Evaluación Educativa en Guatemala* (Future Challenges for the Guatemalan System of Standards and Educational Evaluation) Guatemala City, Guatemala, June 12, 2007. (S)

Keynote speaker, PDK/Capital District Association for Women in Administration. Lecture: *How do US School Children Compare to Their International Peers?* Albany, New York, November 14, 2006.

Keynote speaker, Universidad Católica del Uruguay. Lecture: *Testing and Standards Policies: International Trends and Current Status in Latin America*. Montevideo, Uruguay. August 17, 2006. (S)

Keynote speaker, Universidad Católica del Uruguay, Program for Studies in Higher Education. Lecture: *International Trends in Standards and Testing for University Entrance*. Montevideo, Uruguay. August 14, 2006. (S)

Keynote speaker, USAID Regional Education Workshop for Latin America and the Caribbean. Lectures: *Measuring Student Learning and Quality Standards for Learning Assessments*. Wyndham Airport Hotel, Miami, FL. May 4 & 5, 2006.

Plenary Address, Ministry of Education of the Republic of Panamá. Lecture: *Educational Quality and Policy Options for Standards and Evaluation*. City Club, Panamá City, Panamá. May 9, 2006 (S)

Speaker, Presidential Initiative for Centers for Excellence in Teacher Training – US Agency for International Development. Conference: *Successes, Synergies, and Sustainability*. Kingston, Jamaica. Title: *Measurement, Sampling and Evaluation Design Options For Assessing Project Impact*. May 11, 2005

Plenary Address, *Acción para la Educación Básica* (Action for Basic Education) Inc. - EDUCA (A Non-Governmental Organization devoted to education in the Dominican Republic). Conference: *Aprendo '03*. Hotel V Centenario, Santo Domingo, Dominican Republic. Title: Evaluation policy and its place in two logics of curriculum governance. November 20, 2003. (S)

Speaker, *Education Policy Workshop, Center for Policy Research, Rockefeller College of Public Affairs and Policy and Department of Educational Administration and Policy Studies, University at Albany, SUNY*. Lecture: "World Class Curriculum Policy in School Mathematics and Science". Rockefeller College, Albany, NY. October 25, 2002.

Speaker, *Executive Committee, Capital Area School Development Association, Albany, New York*. Lecture: "Greater Expectations: Learning from other countries in the quest for world-class standards in school mathematics and science". March 14, 2002.

Keynote Speaker, *Universidad Rafael Landívar, Guatemala*. Delivered public lecture on "Evaluation and Standards: the next steps for curriculum policy in Latin America". Guatemala City, Guatemala. August 14, 2001. (S)

Keynote Speaker, *Fundación Empresarial Para el Desarrollo Educativo* (Business Foundation for Educational Development), *El Salvador*. Delivered public lecture on "Evaluation and Standards: the next steps for curriculum policy in Latin America". San Salvador, El Salvador. August 17, 2001. (S)

Keynote Speaker, *Project M.I.N.D Annual Conference, The School District of Palm Beach County, FL and the South Florida Annenberg Challenge Foundation*. "Greater Expectations: Learning from other nations in the quest for world-class standards in US school mathematics". West Palm Beach, Florida. May 4, 2000.

Keynote Speaker, *Secretariat General of the Central American Coordinating Office for Education and Culture*. Delivered keynote address and participated as advisor to an international seminar of delegations from the ministries of education of Guatemala, Honduras, El Salvador, Nicaragua, Costa Rica and Panama participating in an effort to establish national and regional educational standards for primary education. Title: "Where do we go from here? Promise and Pitfalls of School Delivery Standards". Puntarenas, Costa Rica. July 26 - 30, 1999. (S)

Plenary Address, *Ministry of Education of Chile*. Santiago, Chile. Invited speaker at workshop for textbook editors and ministry curriculum personnel. Speech: "Textbooks, Evaluation and Curriculum Policy in High-Achieving Countries". July 14, 1999. (S)

Keynote speaker, *Association of Mathematics Teachers of the Rochester Area, Rochester, New York, Spring Conference*. Speech: "World-Class Standards and World-Class Opportunities to Learn: Elements of Curricular Competitiveness". May 5, 1999.

Plenary Address, *Secretariat of State for Education of Honduras*. Tegucigalpa, Honduras, at USAID sponsored international seminar: 'Educating to Build the Future'. Speech: "School Mathematics and Science in an Era of Globalization: Elements of Curricular Competitiveness." January 18-22, 1999. (S)

Speaker, *Southern Regional Education Board. Atlanta, Georgia.* Middle Grades Policies and Practices Roundtable. October 29-30, 1998.

Keynote speaker, *State of Ohio Department of Education.* Columbus, Ohio. Policy Seminar: Implications of TIMSS for Systemic Improvement of Mathematics and Science in Ohio. September 9-10, 1998.

Keynote Speaker, *Acción para la Educación Básica (Action for Basic Education) Inc. - EDUCA* (A Non-Governmental Organization devoted to education in the Dominican Republic). Conference: *Aprendo '97.* Hotel V Centenario, Santo Domingo, Dominican Republic. Title: Guiding Futures: Cross-national Benchmarking and the Elements of Competitive Curricula in Mathematics and Science. November 2, 1997. (S)

Speaker, *Inter-American Dialogue and Program to Promote Educational Reform in Latin America (PREAL).* Conference: *Avaliação e Determinação de Padrões na Educação Latino-Americana* (Evaluation and Setting Standards for Education in Latin America). Fundação Getulio Vargas, Rio de Janeiro, Brazil. December 4-6, 1996. Title: The Third International Mathematics and Science Study: Implications for the Third World. (S)

Keynote Speaker, *University of Costa Rica.* Conference: Taller Internacional Sobre Tendencias Actuales en Medición y Evaluación Educativa (International Workshop on Current Practices in Educational Measurement and Evaluation). Title: "Curriculum, Instructional Practices, and Academic Achievement: New Developments in Educational Measurement and Evaluation". San José, Costa Rica. July 1-4, 1996. (S)

Invited speaker and co-author of seminar report: International Seminar on Measuring Quality of Learning in Latin America. Organized by *UNESCO Regional Office for Latin America and the Caribbean (OREALC)* June 29 - July 1, 1994. Monterrey, N.L., México. (S)