

# Curriculum Vitae

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## Education

*Stanford University - School of Education*, Stanford, California  
Ph.D. - Sociology of Education - 1979  
*Stanford University - Department of Sociology*, Stanford, California  
A.M. - Sociology - 1976

*Princeton University*, Princeton, New Jersey  
A.B. With Honors - 1974  
Major - English Language and Literature  
Elected to Phi Beta Kappa Society

## Professional Experience

### Teaching

*Ruth L. Gottesman Professor of Educational Research*, Department of Human Development, Teachers College, Columbia University, New York - Responsibilities for providing leadership in reconceptualizing educational research as a source of knowledge to guide educational innovation - September 2004 to Present

*Professor of Sociology and Education*, Department of Human Development, Teachers College, Columbia University, New York - Responsibilities for designing and teaching doctoral level courses in organizational theory, program evaluation, research design, and sociology of education - Previously Assistant Professor and Associate Professor - September 1984 to Present

*Assistant Professor* - Graduate Institute of Education, Department of Sociology and the Doctoral Program in Organizational Behavior, Washington University, St. Louis, Missouri - Responsibilities for designing and teaching graduate and undergraduate courses in the sociology of education, sociology of organizations, administration, supervision, program evaluation, and human resources management - July 1979 to June 1984

*Assistant Professor* - Department of Criminal Justice and Department of Education - Washington State University, Pullman, Washington - Responsibilities for designing and teaching graduate and undergraduate courses in social science research and public policy and in the social foundations of education - September 1978 to July 1979

*Writing Tutor* - Stanford University Division of Humanities and Sciences, Program in Structured Liberal Education - Responsibilities for working with freshman students to develop skills in composition and for designing and teaching a writing instruction workshop for senior tutors - October 1975 to June 1978

### **Externally Funded Research and Development**

*Co-Principal Investigator – Designing a 21<sup>st</sup> Century Educational Research Center – UAE Ministry of Education* – Project funded by a contract for \$150,000 from the UAE Ministry of Education to lead a collaborative design event for the design of a national center for research in education – November 2017 to September 2018.

*Director – The Learning Theater Project* – Gottesman Libraries – Teachers College, Columbia University – Project funded by a gift of \$8,000,000 from George and Camilla Smith to support the renovation of a floor of the library to create a 21<sup>st</sup> century venue to support ambitious learning, teaching, and research – April 2013 to June 2017.

*Senior Investigator – Video Production and Technology Support* – Teachers College, Columbia University – Project funded by a grant of \$57,800 from the College Completion Innovation Fund in partnership with NYC Outward Bound to provide video creation and technology support to program participants – July 2015 to February 2016

*Senior Investigator – EdLab at the Gottesman Libraries* – Teachers College, Columbia University – Project funded by grants from the Young Arts Foundation totaling \$468,000 for the development of online resources for teachers and students as part of a curriculum to support the use of HBO's Master Class program in schools – September 2010 to August 2014

*Senior Investigator – EdLab at the Gottesman Libraries* – Teachers College, Columbia University – Project funded by grants from the Peterson Foundation totaling \$480,000 to support the development of online resources for teachers and students as part of a curriculum on understanding the federal budget deficit – September 2009 to August 2014

*Senior Investigator – EdLab at the Gottesman Libraries* – Teachers College, Columbia University – Project funded by a gift of \$35,000 from Joyce Cowin to support the development of online resources for teaching financial literacy to teenagers – November 2012 to August 2013

*Senior Investigator – EdLab at the Gottesman Libraries* – Teachers College, Columbia University – Project funded by grants from the Rock and Roll Forever Foundation totaling \$332,000 to support the development of learning concepts and prototypes of

online resources for the use of rock and roll music as a vehicle to teach 20<sup>th</sup> Century U.S. History – September 2011 to August 2012

*Principal Investigator* – EdLab at the Gottesman Libraries – Teachers College, Columbia University – Project funded by a contract for \$26,000 from Pearson Education to conduct a review of data mining tools and a survey of data mining practices in various Pearson divisions – April 2012 to November 2012

*Senior Investigator* – EdLab at the Gottesman Libraries – Teachers College, Columbia University – Project funded by grants from the Hewlett Foundation totaling \$350,000 for an investigation into existing tools to support personalized adaptive instruction and to design a methodology and an online environment to support the collaborative open source development of such tools – February 2009 to July 2011

*Senior Investigator* – EdLab at the Gottesman Libraries – Teachers College, Columbia University – Project funded by a grant from the CDC to the National Center for Disaster Preparedness totaling \$75,000 for the development of digital teaching materials to support the education of mid-level disaster preparedness officials – September 2010 to August 2011

*Principal Investigator* – EdLab at the Gottesman Libraries – Teachers College, Columbia University – Project funded by grants from the Time Warner Foundation/HBO totaling \$49,000 to develop online learning resources connected to major documentaries and films produced by HBO. Responsibilities for designing and evaluating learning materials and for working with Time Warner/HBO executives in envisioning next generation learning materials – February 2008 to January 2009

*Senior Investigator* – EdLab at the Gottesman Libraries – Teachers College, Columbia University – Project funded by grants from the Rockefeller Foundation totaling \$135,000 for the development of online materials for the Teaching the Levees Curriculum (a curriculum using Spike Lee’s film, *The Day the Levees Broke*) designed to support teachers in drawing out the lessons of the destruction of New Orleans from Hurricane Katrina - January 2007 through February 2009

*Principal Investigator* - EdLab at the Gottesman Libraries – Teachers College, Columbia University - Project funded by grants from the Rockefeller Foundation totaling \$180,000 for an online digital archive chronicling the history of the school finance reform in New York State. Responsibilities for designing and implementing a digital archiving strategy to gather, archive, and preserve documents related to the school finance reform initiative - January 2005 through December 2006

*Principal Investigator* - Community Service Society, New York, NY - Studies funded by grants totaling \$30,000 to examine the impact of the new Regents standards on at-risk students and poor schools. Responsibilities for designing and supervising studies involving existing data and the collection of new data on high school responses to the new standards - May 1997 through March 1999

*Co-Principal Investigator* - Institute for Urban and Minority Education - Teachers College, Columbia University - A study funded by grants of \$600,000 from the Andrew Mellon Foundation and the Pew Charitable Trusts through Rutgers University - Responsibilities for designing and conducting a study of the impact of educational finance reform on school district operations and service delivery to students in New Jersey - June 1991 to June 1995

*Principal Investigator* - Institute for Urban and Minority Education - Teachers College, Columbia University - A study funded by a grant of \$80,000 from the Office of Educational Research and Improvement, U.S. Department of Education - Responsibilities for designing and conducting a follow-up study of individuals who entered teaching through college-based and alternate route teacher education programs in 1987 - September 1992 to September 1993

*Principal Investigator* - Institute for Urban and Minority Education - Teachers College, Columbia University - A study funded by a grant of \$75,000 from the Office of Educational Research and Improvement, U.S. Department of Education - Responsibilities for designing and conducting a study of the use of information on student performance to match school resources to student needs through course assignment and scheduling processes in five urban high schools - September 1991 to September 1992

*Principal Investigator* - National Center for Research on Effective Schooling for Disadvantaged Youth - Johns Hopkins University - A study funded by a grant of \$240,000 by the Office of Educational Research and Improvement - Responsibilities for designing and conducting a field experiment to study the use of student information systems to make urban high schools more responsive to their students - May 1989 to December 1992

*Principal Investigator* - National Center for Research on Teacher Education - Michigan State University - A study funded by a grant of \$800,000 from the Office of Educational Research and Improvement - Responsibilities for designing and conducting a study of new policies for teacher education and certification in the state of New Jersey - December 1985 to November 1990

*Principal Investigator* - Institute for Education and the Economy - Teachers College, Columbia University - A study funded by a grant of \$40,000 from the Spencer Foundation to examine the post-high school education and employment experiences of non-college bound youth. May 1988 to August 1989

*Principal Investigator* - Center on Education and Employment - Teachers College, Columbia University - A study funded by a grant of \$22,000 from the Office of Educational Research and Improvement - Responsibilities for preparing a synthesis of research on the impact of federal education and employment policies in light of the changing nature of the U.S. economy - December 1985 to November 1986

*Principal Investigator* - Teacher Evaluation as an Organizational Process - A study funded by the Spencer Foundation with a grant of \$7,300 - Responsibilities for conducting an analysis of data from the School Assessment Survey to determine the relationship between teacher evaluation and other organizational processes - September 1985 to August 1986

*Post-Doctoral Research Fellow* - Department of Sociology, The Johns Hopkins University - NIMH Program in Structurally Induced Social Problems and Mental Health - Advanced Training in Quantitative Methods and Mental Health Problems - July 1983 to August 1984

*Faculty Liaison* - Diabetes Research and Training Center, School of Medicine, Washington University - Responsibilities for review of the Center's research and training activities, for supervising the research of graduate students from the Graduate Institute of Education involved in the Center's activities, and for designing an evaluation of the Center's educational programs - September 1981 to June 1984

*Principal Investigator* – Graduate Institute of Education, Washington University - Evaluation Processes in Schools - A study funded by a grant of \$8,500 from the National Institute of Education through the Center for Educational Policy and Management at the University of Oregon - Responsibility for producing a conceptual paper dealing with the implications of previous research on evaluation processes - January 1983 to June 1983

*Principal Investigator* – Graduate Institute of Education, Washington University - Status Characteristics and Teacher Authority in the Classroom - A study funded by a Grant from the Washington University Faculty Research Fund - Responsibility for a pilot study to examine the impact of student knowledge of teacher status characteristics on teacher authority - October 1982 to June 1983

*Principal Investigator* – Graduate Institute of Education, Washington University - Organizational Evaluation Systems and Student Disengagement in Secondary Schools - A study funded by the National Institute of Education with a grant of \$40,247 - Responsibility for the collection and analysis of interview and survey data to examine the impact of problems in evaluation processes on student disengagement from school - September 1980 to December 1981

*Principal Investigator* – Graduate Institute of Education, Washington University - Evaluation Systems and Teacher Motivation - A study funded by the Spencer Foundation with a grant of \$32,500 - Responsibility for directing the collection and analysis of records and observational and survey data to examine the impact of principals' evaluation practices on the effort and effectiveness of teachers in six inner-city middle schools - September 1980 to August 1981

*Principal Investigator* – Graduate Institute of Education, Washington University - Organizational Antecedents of School-Induced Delinquency - A study funded by the Washington University Faculty Research Fund - Responsibility for collecting interview

data to examine the impact of problems in school evaluation and authority systems on student delinquency - November 1979 to June 1980

*Principal Investigator* - Ideological Systems and School Organization - A study funded by the National Endowment for the Humanities with a grant of \$2,500 - Responsibility for reviewing literature related to the effects of ideological systems on various dimensions of school organizations - May 1979 to August 1979

*Research Assistant* - Stanford Center for the Study of Youth Development, Stanford, California - Responsibilities for assisting in a variety of research activities including work on evaluation systems in universities and secondary schools and on teacher classroom behavior - October 1976 to June 1978

*Research Assistant* - Stanford Center for Research and Development in Teaching - Responsibilities for assisting in a study of student perceptions of high school and for conducting research on personnel evaluation in schools - October 1975 to May 1976

### **Administration and Service**

*Member* – Committee on Interdisciplinary Studies in Education, Teachers College, Columbia University – This Committee aids students in designing an area of specialization not currently offered at the College, but for which a coherent and integrated program of study may be developed from several disciplines. September 2018 to Present

*Member* – Education Program Advisory Council, Teachers College, Western Governors University – Responsibilities for reviewing plans and providing advice to the dean of Teachers College – September 2018 to Present

*Member* – Institutional Review Board, Teachers College, Columbia University – Responsibilities for reviewing faculty and student research plans for the protection of human subjects – September 2017 to Present

*Member* – Finance, Facilities, and Support Services Committee, Teachers College, Columbia University – Responsibilities for reviewing the budget of the College and organizing faculty comments and for participating in discussions regarding the allocation of space and the maintenance of facilities – July 2018 to Present

*Member* – Institutional Review Board, Teachers College, Columbia University – Responsibilities for reviewing faculty and student research involving human subjects – September 2017 to Present

*Chair* – Finance, Facilities, and Support Services Committee, Teachers College, Columbia University – Responsibilities for reviewing the budget of the College and organizing faculty comments and for participating in discussions regarding the allocation of space and the maintenance of facilities – September 2016 to June 2018

*Director* – Program in Learning Analytics – Department of Human Development, Teachers College, Columbia University – Responsibilities for managing all aspects of the program – June 2016 to Present

*Founding Editor* – *New Learning Times*, Teachers College, Columbia University – Responsibilities for defining the editorial frame and managing all content appearing on this daily online mobile publication covering new developments in the education sector – July 2012 to June 2019

*Founder/InDirector* – *EdLab*, Teachers College, Columbia University – Responsibilities for charting the course for a new unit focused on innovation, learning, and technology – July 2005 to June 2019

*Director* - The Gottesman Libraries, Teachers College, Columbia University - Responsibilities for providing leadership to move the library forward to provide a new generation of knowledge services to support research and teaching - September 2004 to June 2019

*Executive Editor* - *Teachers College Record*, Teachers College, Columbia University - Responsibilities for providing leadership to reposition a traditional academic journal as a prominent online destination for knowledge about education and educational research - September 1995 to June 2019

*Member* – New Media Center, Institute for Data Science and Engineering, Columbia University – Participate in developing practices to bring together doctoral students and faculty interested in applying data science techniques to the examination of media - September 2012 to Present

*Member* – Committee on Libraries and Information Technology - Columbia University Faculty Senate – Participate in review of ongoing operations of libraries and information services – September 2015 to Present

*Chair* – *Faculty Advisory Committee* – Teachers College, Columbia University – Participate in hearing appeals from faculty and staff and providing general advice to the President of the College - September 2014 to August 2016

*Member* – Faculty Advisory Committee, Teachers College, Columbia University – Participate in hearing appeals from faculty and staff and providing general advice to the President of the College - September 2013 to August 2014

*Member* – Information Security Advisory Committee, Teachers College, Columbia University – Participate in development of policies and practices to secure institutional data - September 2013 to April 2015

*Member* – Trustees Committee on Technology – Participate in discussions of the evolving role of technology in the programs and operations of the College - September 2012 to August 2014

*Member* – CTP/McGraw-Hill Publishing Advisory Board – Provide advice on the development of new assessment products - January 2011 to December 2014.

*Chair* – Finance, Facilities, and Support Services Committee, Teachers College, Columbia University – Responsibilities for reviewing the budget of the College and organizing faculty comments and for participating in discussions regarding the allocation of space and the maintenance of facilities – September 2005 to May 2009

*Chair* - Search Committee for Vice President of Finance and Administration, Teachers College, Columbia University, October 2006 to February 2007

*Interim Director* - The Milbank Memorial Library, Teachers College, Columbia University - Responsibilities for leading the library through a major reorganization, including a \$20 million project to renovate the library facilities - May 2002 through August 2004

*Chair* - Seminar on the Future of Libraries, Teachers College, Columbia University - September 1999 to June 2017

*At-Risk Student Needs Expert* - Intervenor Districts in Leandro vs. State of North Carolina - Hogan and Hartson, Washington, DC. - Prepared a report on the impact of the North Carolina finance system on at-risk students in Hoke County Schools. - February 1998 to 2000

*Director* - Graduate Program in Sociology and Education, Teachers College, Columbia University - Provided leadership to the M.A., M.Ed., Ed.D., and Ph.D. programs in sociology and education - September 1997 to August 2001

*Member* - Committee on Education Finance, Equity, Adequacy, and Productivity, Division on Education, Labor, and Human Performance, National Research Council - Participated in the preparation of a study and committee report on the state of educational finance in the U.S. - May 1996 to July 1999

*At-Risk Student Needs Expert* - Plaintiff in Abbott v. Burke - Educational Law Center, Testified on the Needs of At-Risk Students in Low Wealth Districts - November to December 1997

*Board of Examiners* - Graduate Record Examination in Education, Educational Testing Service - Member of the board that develops and reviews material for inclusion on the Graduate Record Examination subject matter test in the field of education - July 1992 to July 1998



*Advisory Board Member - Education and Sociology: An Encyclopedia* - September 1994 to 1999

*Series Editor - Sociology and Education* - Teachers College Press - September 1992 to 2001

*Consultant* - Office of Civil Rights, U.S. Department of Justice - Prepared analysis of the impact of student enrollment in different curricular tracks for a case against the Midland Texas Independent School District - May 1995 to October 1995

*Member* - Committee on College Organization - Participated in development of a plan for the reorganization of the departmental structure of Teachers College - May 1995 to November 1995

*Chair* - Search Committee for Academic Vice President and Dean, Teachers College, Columbia University - October 1994 to June 1995

*Member* - Search Committee for Vice President of Finance and Administration, Teachers College, Columbia University, July 1994 to January 1995

*Disparities Expert* - Plaintiff in Sheff v. O'Neill - Connecticut Civil Liberties Union, American Civil Liberties Union, NAACP Legal Defense Fund - Prepared Study of and Testified on the Disparities in the Educational Resources and Program in Hartford and surrounding school districts for lawsuit challenging arrangements for state support of public schools in Connecticut - November 1991 to January 1993

*Chair* - Faculty Advisory Committee, Teachers College, Columbia University - Responsibilities for chairing the committee that hears appeals that have exhausted administrative channels and for providing advice to the President of the College - January 1993 to January 1994

*Evaluation Consultant* - WNET Channel 13, New York - Advised on the Design and Implementation of an Evaluation of the Teacher Training Institute in the Use of Video in the Classroom - October 1990 to August 1992

*Chair* - Subcommittee on the Academic Program, Faculty Executive Committee, Teachers College, Columbia University - Responsibility for chairing the subcommittee that reviews the quality of the academic programs of the college - September 1989 - August 1990

*Evaluation Consultant* - Special Programs for Disruptive Youth - New Jersey State Department of Education - Advised Directors of Six Local District Programs on Strategies for Evaluating the Effectiveness of their Programs and Developed Final Summary Report - April 1988 through December 1988

*Director* - Program for Entry into the Educating Professions, Department of Philosophy and Social Sciences, Teachers College, Columbia University - Responsibility for all phases of program management including the development of new masters level degree options - September 1987 to August 1989

*Member* - Ad Hoc Committee on Faculty Governance - Teachers College, Columbia University - Participated in redesign of faculty governance structure - April 1986 to May 1987

*Member* - Commissioner's Task Force on the Supervision of Instruction - New Jersey State Department of Education - Participated in development of a state model for the supervision of instruction - May 1986

*Evaluation Director* - Designed and directed an evaluation of the Peer Leadership Training Program for the National Executive Service Corps - September 1985 to March 1986

*Executive Committee Member* - New Jersey-NASDTEC Evaluation Team - New Jersey State Department of Education - Responsible for evaluating the organization and administration, general education, and social science areas as part of the comprehensive evaluation of selected teacher education and certification programs within the state - October 1983 to May 1984

*Director* - Program in Educational Studies, Graduate Institute of Education, Washington University - Designed and directed a new undergraduate major in the liberal study of education - September 1981 to June 1983

*Co-Chairman* - Program in Human Resources Management - Graduate Institute of Education, Washington University - Coordinated the development of a new masters level program in human resources management and establishment of a community advisory board of representatives from business and non-profit organizations - September 1980 to June 1984

*Executive Board Member* - Interdisciplinary Doctoral Program in Organizational Behavior, Washington University - Participated in curriculum development, admissions, and program development activities - September 1982 to June 1984

*Chairman* - Program in the Social Context of Education, Graduate Institute of Education, Washington University - Designed and directed revised doctoral and master's level programs - September 1980 to June 1982

*Evaluation Director* - Evaluation of the Arts in the Basic Curriculum Program - Contract from the St. Louis Art Museum - May 1981 to September 1981

*Evaluation Director* - Evaluation of the Program in Structured Liberal Education - Contract from the Division of Humanities and Sciences of Stanford University - April 1977 to August 1977

*Evaluation Assistant* - Evaluation of Mental Retardation Research Centers - NICHD Evaluation Task Force - April 1978 to September 1978

*Research Analyst and Special Assistant* - New Jersey State Department of Education - Division of Research, Planning, and Evaluation - Responsibilities for preparing analyses of current research reports, for providing staff support for the Commissioner's Task Force on Adolescent Education, for co-directing an E.S.E.A. Title V project on alternative schools, and for providing general assistance to the Assistant Commissioner of Education - June 1972 to September 1976

### **Professional Affiliations and Activities**

2012 – Fellow of the American Educational Research Association

*Member* - American Sociological Association, American Educational Research Association.

*Member* - Books Editorial Board, American Educational Research Association, 2004 to 2012

*Chair* - Nominations Committee, Section on Sociology of Education, American Sociological Association - 1998

*Chair* - Publications Committee, American Educational Research Association, 1998 to 1999

*Member* - Publications Committee, American Educational Research Association, 1996 to 1999

*Manuscript Reviewer* - AERA Division G, Division K, *Educational Researcher*, *Review of Educational Research*, *Sociology of Education*, *American Educational Research Journal*, *American Journal of Education*, *Elementary School Journal*, *Child Development*, *Journal of Teacher Education*, *American Sociological Review*, *Sociological Focus*

*Editorial Board Member* - *Sociology of Education*, 1993 through 1995; *Social-Psychology of Education*, 1995 through 2001; *American Educational Research Journal* (SIA), 2008 through 2010, 2014 through 2015.

*Editor* - *American Educational Research Journal*, Section on Teaching, Learning, and Human, Development, 1992 through 1994; *Teachers College Record*, 1995 to Present; National Society for the Study of Education Yearbooks, 2009-Present

## **Publications and Papers**

### **1977**

Natriello, G., T. Deal, S.M. Dornbusch, and M. Hoag. *A Review of the Literature on Personnel Evaluation in Schools*. Stanford Center for Research and Development in Teaching. Also in *Resources in Education*, November. Arlington, Va. ED 141 407.

### **1978**

Natriello, G. "From Alternative Schools to Options in Public Education: Alternative Schools and State Education Agencies." in T. Deal and R. Nolan, eds., *Alternative Schools: Ideologies, Realities, Guidelines*. Chicago: Nelson-Hall, 330-339.

Birman, B. and G. Natriello. "Perspectives on Absenteeism in High Schools." *Journal of Research and Development in Education*, 11, 28-38.

Farman, G., G. Natriello, and S.M. Dornbusch. "Social Studies and Motivation: High School Students' Perceptions of the Articulation of Social Studies to Work, Family, and Community." *Theory and Research in Social Education*. 6, 27-39.

Dornbusch, S.M., J.V. Baldrige, G.P. Ecker, M.A. Hoag, and G. Natriello. *Sexism Without Sexists: How the Structure of Evaluation Systems Perpetuates Inequality for Women Faculty*. Center for Educational Research at Stanford.

Dornbusch, S.M. and G. Natriello. "Case Study Reports of the Climate for Interdisciplinary Research at Three Mental Retardation Research Centers." in *Evaluation of Research Centers: Mental Retardation Population Studies*. Report of an Evaluation Task Force. Washington, D.C.: National Institute of Child Health and Development

### **1979**

Natriello, G. and S.M. Dornbusch. "An Experimental Study of the Effects of Student Characteristics on Teacher Standards and Warmth." Paper presented at the Annual Meeting of the American Educational Research Association, San Francisco, April. Also in *Resources in Education*, October, Arlington, Va. ED 171 669

Natriello, G. "The Effects of Status Characteristics, Performance Characteristics, and Student Behavior on Teacher Classroom Behavior." Paper presented at the Annual Meeting of the Pacific Sociological Association, Anaheim, California, April

Natriello, G. "Teacher Standards and Teacher Warmth in the Classroom: Toward a Theory of Teaching as Institutional Leadership." Paper presented at the Seventh Annual Meeting of the Pacific Northwest Educational Research and Evaluation Conference, Seattle, Washington, May.

## 1980

Birman, B. and G. Natriello. "Absenteeism in High Schools: Multiple Explanations for an Epidemic." in K. Baker and R. Rubel, eds., *School Crime and Violence*. Lexington, Mass.:D.C. Heath.

Menke, B. and G. Natriello. "Issues in the Use of Tests for Entry Level Police Officer Selection: A Case Study." Paper presented at the Annual Meeting of the Academy of Criminal Justice Sciences, Oklahoma City, March.

Natriello, G. and S.M. Dornbusch. "Academic Instruction or Behavioral Control: An Experimental Study of Teacher Responses to Classroom Problems." Paper presented at the Annual Meeting of the American Educational Research Association, Boston, Massachusetts, April. Also in *Resources in Education*, March 1982, Arlington, Va. ED 209 337.

Natriello, G. and S.M. Dornbusch. "Providing Direction and Building Commitment: A Study of Teacher Standards and Warmth." Paper presented at the Annual Meeting of the American Educational Research Association, Boston, Massachusetts, April. Also in *Resources in Education*, February 1982, Arlington, Va. ED 206 621.

Natriello, G. and S.M. Dornbusch. "The Stratification of Socialization Processes: A View from the Classroom." Paper presented at the Annual Meeting of the American Sociological Association, New York, August. Also in *Resources in Education*, February 1982, Arlington, Va. ED 207 874.

## 1981

Natriello, G. and P. Scott. "Secondary School Evaluation Systems and Student Disengagement." Paper presented at the Annual Meeting of the American Educational Research Association, Los Angeles, California, April. Also in *Resources in Education*, January 1982. Arlington, Va. ED 206 112.

Natriello, G. and T. Mitchell. "Institutions of Meaning: Changing Conceptions of Educational Institutions in American Society." Paper presented at the Annual Meeting of the American Educational Research Association, Los Angeles, California, April. Also in *Resources in Education*, January 1982, Arlington, Va. ED 206 113.

deCharms, R. and G. Natriello. "Evaluation and Teacher Motivation." Final Report to the Spencer Foundation. Graduate Institute of Education, Washington University, St. Louis, Missouri, October.

Natriello, G. and S.M. Dornbusch. "Pitfalls in the Evaluation of Teachers by Principals." *Administrator's Notebook*, 29, 1-4.

## 1982

Natriello, G. "The Impact of the Evaluation of Teaching on Teacher Effort and Effectiveness." Paper presented at the Annual Meeting of the American Educational Research Association, New York, March. Also in *Resources in Education*, March 1983, Arlington, Va. ED 222 506.

Natriello, G. "Managing Compliance in School Organizations: Comparative and Definitive Rules." Paper presented at the Annual Meeting of the American Educational Research Association, New York, March. Also in *Resources in Education*, January 1983, Arlington, Va. ED 219 882.

Natriello, G. "Organizational Evaluation Systems and Student Disengagement in Secondary Schools." Final Report Submitted to the National Institute of Education, April. St. Louis: Washington University.

Natriello, G. and S.M. Dornbusch. "Providing Direction and Building Commitment: Teaching as Institutional Leadership." *Educational Research Quarterly*, 7, 30-39.

### **1983**

Natriello, G. and S.M. Dornbusch. "Bringing Behavior Back in: The Effects of Student Characteristics and Behavior on the Classroom Behavior of Teachers." *American Educational Research Journal*, 20, 29-43.

Natriello, G. Review of *Ability Testing: Uses, Consequences and Controversies*. *Contemporary Sociology*, 12, 176.

Natriello, G. and M. Cohn. "Beyond Sanctions: The Evolution of a Merit Pay System." Paper presented at the Annual Meeting of the American Educational Research Association, Montreal, April. Also in *Resources in Education*, April 1983, Arlington, Va. ED 238 140.

Natriello, G. "Organizational Evaluation Systems and Student Disengagement in Secondary Schools." Paper presented at the Annual Meeting of the American Educational Research Association, Montreal, April

Natriello, G. "Evaluation Processes and Student Disengagement from High School." Paper presented at the Session on the Social Psychological Effects of Educational Institutions, Annual Meeting of the American Sociological Association, Detroit, August. Also in *Resources in Education*, April 1983, Arlington, Va. ED 235 217

Natriello, G. "Evaluation Frequency, Teacher Influence, and the Internalization of Evaluation Processes: A Review of Six Studies Using the Theory of Evaluation and Authority." Center for Educational Policy and Management, University of Oregon, Eugene, Oregon, November.

### **1984**

Natriello, G. and S.M. Dornbusch. *Teacher Evaluative Standards and Student Effort*. A volume in the Institute for Research on Teaching Research Monograph Series. New York: Longman, 1984.

Natriello, G. "Teachers' Perceptions of the Frequency of Evaluation and Assessments of their Effort and Effectiveness." *American Educational Research Journal*, 21, 579-596.

Natriello, G. "Problems in the Evaluation of Students and Student Disengagement from Secondary Schools." *Journal of Research and Development in Education*, 17, 14-24.

Cohn, M. and G. Natriello. "Critical Issues in the Development of a Merit Pay System." Paper prepared for presentation at the Annual Meeting of the American Educational Research Association, New Orleans, April. Revised version in: *Administrator's Notebook*, 31, entire issue.

Natriello, G. "Managing the Culture of the School." *Educational Leadership*, 42, 80-82.

Natriello, G. "The Impact of Evaluations on Students." Paper Presented at the Annual Meeting of the Midwestern Sociological Society, Chicago, April.

Natriello, G. "Evaluation Processes and Student Disengagement in Extracurricular Activities." Paper Presented at the Annual Meeting of the American Educational Research Association, New Orleans, April.

Natriello, G. and B. Rowe. "Training Supervisors' Conceptions of Training Tasks and Supervisory Behavior." Paper Presented at the Annual Meeting of the American Educational Research Association, New Orleans, April.

Natriello, G. and E. McDill. "Student Background, Performance Standards, and Student Effort on School Work." Paper presented at the Sociology of Education Session, Annual Meeting of the American Sociological Association, San Antonio, August.

## **1985**

Natriello, G. "Merit Pay for Teachers: The Implications of Theory for Practice." Paper Prepared for the Conference on Merit Pay and Career Ladders, The Pennsylvania State University, State College, Pennsylvania, July. Also in H.C. Johnson, Jr., (ed.), *Merit, Money and Teachers' Careers*. Sanham, MD.: University Press of America.

Natriello, G. *Products and Processes of the National Center for Education Statistics: An Agenda for the Next Decade*. Washington, D.C.: National Center for Education Statistics.

McDill, E.L., G. Natriello, and A. Pallas. "Raising Standards and Retaining Students: The Impact of the Reform Recommendations on Dropouts." Paper Prepared for a Project by the American Educational Research Association with funding from the National Institute of Education, entitled, "The Nation's Educational Issues: Research Contributions for

Educational Improvement." Revised version under the same title appearing as Technical Report No. 358, Baltimore, Maryland: Center for the Social Organization of Schools, Johns Hopkins University. Second revised version under the same title appearing in *Review of Educational Research*, 55, 415-433.

Natriello, G., E.L. McDill, and A. Pallas. "Uncommon Sense: School Administrators, School Reform, and Potential Dropouts." Paper Prepared as the Keynote Address at the National Invitational Conference on Holding Power and Dropouts, Teachers College, Columbia University, February.

Natriello, G., E.L. McDill, and A. Pallas. "School Reform and Potential Dropouts." *Educational Leadership*, 43, 10-14.

Alexander, K.L., G. Natriello, and A. Pallas. "For Whom the School Bell Tolls: The Impact of Dropping Out on Cognitive Performance." Paper Prepared for Presentation at the Annual Meeting of the American Sociological Association, Washington, D.C., August. Also appearing under same title as Technical Report No. 358, Baltimore, Maryland: Center for the Social Organization of Schools, The Johns Hopkins University. Also in *American Sociological Review*, 50, 409-420.

Natriello, G. and E.L. McDill. "Teacher Characteristics, School Organizational Influences, and Teacher Standards." Paper Presented at the Annual Meeting of the American Educational Research Association, Chicago, April.

Natriello, G. "Teachers' Perceptions of their Influence over the Evaluation Process and Assessments of their Effort and Effectiveness." Paper Presented at the Annual Meeting of the American Educational Research Association, Chicago, April.

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## **2013**

Agarwala, M., Hsiao, I., Chae, H., & Natriello, G. ResearchBroker: Connecting Researchers to Real-World Research Opportunities. Demonstration presented at the 16th ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW 2013), San Antonio, TX., February.

Zhou, Z., Chae, H., & Natriello, G. Connecting Teacher Bloggers: Unleashing the Educational Power of WordPress. Paper presented at the Sixth International Symposium on Emerging Technologies for Online Learning. Las Vegas, NV., April.

Malhotra, M., Chae, H., & Natriello, G. Data Depository: A Tracking System to Provide Business and Learning Analytics for Educational Web Applications. Paper presented at the Sixth International Symposium on Emerging Technologies for Online Learning. Las Vegas, NV., April.

Hsiao, I., Chae, H. & Natriello, G. Effective Coordination Strategies for Video Discussion in Collaborative Learning. Paper presented at the Sixth International Symposium on Emerging Technologies for Online Learning. Las Vegas, NV., April.

Scheiber, L., Chae, H. & Natriello, G. New Learning Times: Learning About Learning on the Go. Paper presented at the Sixth International Symposium on Emerging Technologies for Online Learning. Las Vegas, NV., April.

Joo, J., Malhotra, M., Chae, H. & Natriello, G. Survey Sidekick: Teaching Scientifically Sound Survey Design Through Embedded Learning Resources. Paper presented at the Sixth International Symposium on Emerging Technologies for Online Learning. Las Vegas, NV., April.

Malhotra, M., Chae, H., Hsiao, I., & Natriello, G. New Learning Times: Learning About Learning on the Go. Poster presented at the Institute for Data Science and Engineering Inaugural Symposium at Columbia University (IDSE 2013), New York, NY., April

Hsiao, I., Manav, M., Chae, H., & Natriello, G. Dissecting Video Discussions and Coordination Strategies. Paper presented at the 10th International Conference on Computer Supported Collaborative Learning (CSCL 2013), Madison, WI., June.

Hsiao, I., Manav, M., Joo, J., Chae, H., & Natriello, G. Survey Sidekick: Learning and designing scientifically sound surveys. Workshop presented at the Human-Computer Interaction and the Learning Sciences Section, in conjunction with Paper presented at the 10<sup>th</sup> International Conference on Computer Supported Collaborative Learning (CSCL 2013), Madison, WI., June.

Natriello, G. (ed.). *Adaptive Educational Technologies: Tools for Learning and for Learning About Learning*. National Academy of Education, Washington, DC.

## 2014

Costello, L., Hughes, B., & Natriello, G. Supporting the New Ecosystem of Publishing at Teachers College Library. Paper presented at the American Library Association Midwinter Conference, Philadelphia, PA, January.

Costello, L., Chae, H.S., & Natriello, G. The Librarian and the Startup. Presented at Pratt Institute School of Information and Library Science Special Libraries Association Skillshare. New York, NY, April

Hsiao, I-H., Han, S., Chae, H-S., & Natriello, G. New Learning Times: There's an App for Reporting on the Shifting Learning Landscape. Paper presented at the Annual Meeting of the American Educational Research Association, Philadelphia, PA, April.

Malhotra, M., Hsiao, I-H., Chae, H-S. and Natriello, G. Don't Monkey Around: Teaching Scientifically Sound Survey Design Through Embedded Learning Resources. Paper presented at the Annual Meeting of the American Educational Research Association, Philadelphia, PA, April.

Hsiao, I-H., Han, S., Chae, H-S., & Natriello, G. Constructing an Educational Online Video Discussion Tool to Effectively Engage the Crowd. Paper presented at the Annual Meeting of the American Educational Research Association, Philadelphia, PA, April.

Costello, L. & Natriello, G. Roomer: Hot Gossip About the Future of Study Room Reservation (LITA Lightning Talk). Presented at the American Library Association Annual Conference, Las Vegas, NV, June.

Costello, L. & Natriello, G. The Learning Theater: Radical Space Design in an Urban Academic Library (Ignite Session). Presented at the American Library Association Annual Conference, Las Vegas, NV, June.

Natriello, G., Chae, H.S., & Hughes, B.S. The Learning Theater: Designing a Flexible Learning Space for Ambitious Learning, and Teaching on Campus. Design Charette. International Conference on the Learning Sciences, Boulder, CO., June.

Hsiao, I-H., Chae, H.S., Baker, R., & Natriello, G. Exploring Engaging Dialogues in Video Discussions. Paper presented at The 7th International Conference on Educational Data Mining. London, July.

Hsiao, I-H., Han, S., Malhotra, M., Chae, H-S., & Natriello, G. Survey Sidekick: Structuring Scientifically Sound Surveys. Paper presented at the 12<sup>th</sup> International Conference on Intelligent Tutoring Systems, Honolulu, Hawaii, July.

Hsiao, I-H., Malhotra, M., Lan, C-F, Chae, H-S., & Natriello, G. mSchool: a Learner and Community Centered Open Knowledge Discovery and Management System. Paper presented at the 14th IEEE International Conference on Advanced Learning Technologies and Technology-enhanced Learning. Athens, Greece, July.

Malhotra, M., Hsiao, I-H., Chae, H-S., & Natriello, G. Data Depository: Business & Learning Analytics for Educational Web Applications. Paper presented at the 14th IEEE International Conference on Advanced Learning Technologies and Technology-enhanced Learning. Athens, Greece, July.

Natriello, G., Chae, H.S., & Hughes, B.S. Designing a Space for Ambitious Learning: Engaging Educators and Scholars in the Design of a Physical Space to Support Transformative Learning. Design Event. XI International Transformative Learning Conference. New York, Teachers College, Columbia University, October.

## **2015**

Costello, L., Chae, H.S., & Natriello, G. A Renovation is Terrible Thing to Waste: Engaging an Academic Community in Creating a New Library Learning Space Pp. 292-306 in S. Bonnand & M.A. Hansen (Eds.), *Innovative Solutions for Building Community in Academic Libraries*. Hershey, PA: IGI Global.

Natriello, G. and Chae, H.S. Crowd Sourcing Video Learning Resources: Patterns and Possibilities. Discovery Session at the Eighth International Symposium on Emerging Technologies for Online Learning. Dallas, TX., April.

Natriello, G., Chae, H.S., and Hughes, B.S. The Learning Theater: Creating a Physical Environment for the Integration of Face-to-Face and Online Learning. Information Session at the Eighth International Symposium on Emerging Technologies for Online Learning. Dallas, TX., April.

Costello, L., Haugh, D., Lederman, A., Powers, M., Chae, H., and Natriello, G. Building the Future of Libraries with #Homemade Digital Tools. Poster presentation at the Annual Meeting of the American Library Association. San Francisco, CA., June.

Haugh, D., Costello L., Powers, M., Lederman, A., Chae, H., and Natriello, G. How Do You Take Your Books? Poster presentation at the Annual Meeting of the American Library Association. San Francisco, CA., June.

Natriello, G. Networked Learning. *Handbook of Educational Psychology*, APA Division 15. New York: Routledge.

## **2016**



Blackburn, J., Natriello, G., Chae, H. & Hughes B. Creating Learning Spaces that Can Be Continuously Redesigned by Users. Society for College and University Planners, North Atlantic Regional Conference. New York, March.

Liu, X., Zhou, Z., Chae, H.S., & Natriello, G. On the Use of Filtered Linear Discriminant Analysis for Automatic Discussion Rating. Presented at Annual Meeting of American Educational Research Association. Washington, D.C., April.

Zhou, Z., Liu, X., Chae, H.S., & Natriello, G. An Analysis Framework for Video-Based Teacher Education Curriculum Through the Lens of Topic Modeling. Presented at Annual Meeting of American Educational Research Association. Washington, D.C., April.

Chae, H., Costello, L. & Natriello, G. The Learning Theater: A Library Space to be Redesigned by Patrons. In S. Hines and K. Crowe (eds.) *The Future of Library Space (Advances in Library Administration and Organization, 36)*, 235-252.

Liu, X., Zhou, Z., Chae, H.S. & Natriello, G. Bayesian Inference of the Hyperbolic Cosine Model. Annual Meeting of the Northeast Educational Research Association. Trumbull, CT, October 26-28.

## **2017**

Chae, H.S. & Natriello, G. (eds.) Adaptive Learning Opportunities – A Special Issue of the *Teachers College Record*, 19(3).

Natriello, G. The Adaptive Learning Landscape. *Teachers College Record*, 19(3), 1-46.

Liu, X., Zhou, Z., Chae, H.S. & Natriello, G. On the Implications of Using Truncated Priors in Bayesian Inference. Annual Meeting of the National Council for Measurement in Education, San Antonio, Texas, April.

Lan, C., Chae, H.S. & Natriello, G. Strategic Knowledge, Cognitive Apprenticeship, and Computer Science Teacher Education. Annual Meeting of the American Educational Research Association, San Antonio, Texas, April.

Wang, Y., Bowers, A., Chae, H.S., Fikis, D. & Natriello, G. Probabilistic Topic Modeling of 116 Years of Literature of Teachers College Record from 1900 to 2015: Illustrating the Epistemological Identity of Educational Research. Annual Meeting of the American Educational Research Association, San Antonio, Texas, April.

Kuang, X., Chae, H.S., Hughes, B. & Natriello, G. An LDA Topic Model and Social Network Analysis of a School Blogging Platform. Proceedings of the 10<sup>th</sup> International Conference on Educational Data Mining. Wuhan, China. June 25-28

Ortiz-Vazquez, A., Liu, X., Lan, C., Chae, H.S., & Natriello, G. Cluster Analysis of Real-Time Location Data - An Application of Gaussian Mixture Methods. Proceedings of the 10<sup>th</sup> International Conference on Educational Data Mining. Wuhan, China. June 25-28

Nantwi, G., Chae, H.S. & Natriello, G. Social Media Identities of African Immigrant Youth: Implications for Educators. *Multicultural Education Review*, 9(3), 188-201.

Zumwalt, K., Natriello, G., Randi, J., Rutter, A., & Sawyer, R. (eds.). Pathways to a Profession: An Examination of Teacher Education Reform in New Jersey. *Teachers College Record (Yearbook)*, 119(14).

Natriello, G. The Policy Context for the Evolution of Teacher Education Reform in New Jersey. *Teachers College Record (Yearbook)*, 119(14), 1-64.

Zumwalt, K., Natriello, G., Randi, J., Rutter, A., & Sawyer, R. Recruitment, Preparation, Placement, and Retention of Alternate Route and College-Based Teachers: An Early Study of a New Jersey Initiative. *Teachers College Record (Yearbook)*, 119(14), 1-32.

Zumwalt, K., Natriello, G., Randi, J., Rutter, A., & Sawyer, R. Learnings from a Longitudinal Study of New Jersey Alternate Route and College-Prepared Elementary, Secondary English, and Secondary Math Teachers. *Teachers College Record (Yearbook)*, 119(14), 1-54.

## **2018**

Lee, S. Y., Chae, H., & Natriello, G. J. (July). Identifying User Engagement Patterns in an Online Video Discussion Platform. Paper presented at Educational Data Mining 2018 (EDM), Buffalo, NY.

Liu, X., Johnson, M. S., DeCarlo, L. T., Chae, H., and Natriello, G. J. (July). Bayesian Nonparametric Ordered Latent Class Models. Paper presented at the International Meeting of the Psychometric Society (IMPS), New York, NY.

Liu, X., Zhou, Z., Chae, H. S., Natriello, G. (October) Automated Text Analysis of Document and Reference Similarities - An Application of LDA Topic Modeling. Paper presented at the at the 2018 annual meeting of Northeastern Educational Research Association, Trumbull, CT.

## **2019**

Nantwi, G., Chae, H. & Natriello, G. Their Time: Understanding and Supporting the Self-Directed Learning Goals of Minority College Students. Annual Meeting of the American Educational Research Association, Toronto, CN, April.

Yang, J., Liu, X., Chae, H., & Natriello, G. Bayesian Nonparametric Clustering Mixture Model. Annual Meeting of the American Educational Research Association, Toronto, CN, April.

Chen, Y., Chae, H., & Natriello, G. Probabilistic Topic Modeling of User Search to Identify Trends in Research. Annual Meeting of the American Educational Research Association, Toronto, CN, April.

Natriello, G. At-Risk Students. *Oxford Research Encyclopedia of Education*. Forthcoming.

Natriello, G. The Role of Technology in K-12 Classrooms. Section on Educational Psychology. *Routledge Encyclopedia of Education*. Forthcoming.

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