

**BIOGRAPHICAL SKETCH**

<b>NAME</b> Chandra L. Muller	<b>POSITION TITLE</b> Professor, Department of Sociology, The University of Texas at Austin
<b>eRA COMMONS USER NAME</b> cmuller	

<b>EDUCATION/TRAINING</b>			
<b>INSTITUTION AND LOCATION</b>	<b>DEGREE</b>	<b>YEAR(s)</b>	<b>FIELD OF STUDY</b>
University of California, Santa Barbara, CA	BA	1975	Sociology
Stanford University, Stanford, CA	MEd	1976	Education
University of Chicago, Chicago, IL	MA	1983	Sociology
University of Chicago, Chicago, IL	PhD	1991	Sociology

**A. POSITIONS AND HONORS**

**Positions and Employment**

1992-1994	Lecturer, Department of Sociology, The University of Texas at Austin, TX
1995-2001	Assistant Professor, Department of Sociology, The University of Texas at Austin, TX
1995-Present	Faculty Research Associate, Population Research Center, The University of Texas at Austin, TX
2001-2007	Associate Professor, Department of Sociology, The University of Texas at Austin, TX
2007-Present	Professor, Department of Sociology, The University of Texas at Austin, TX

**Honors, Other Experience, and Professional Memberships**

1992-1994	Postdoctoral Fellowship, Spencer Foundation, National Academy of Education
1995	Fellowship, Stanford Institute, Center for Advanced Study in the Behavioral Sciences; Summer Institute on <i>Linking Research to Educational Policy and Practice</i>
1996-1997	Faculty Fellow, Charles A. Dana Center, The University of Texas at Austin
1999-2001	Council Member, Sociology of Education Section, American Sociological Association
1999-2001	Member, Technical Advisory Network, NSF study, <i>Assessing the Impact of the National Science Foundation: Urban Systemic Initiative</i>
2000	Spencer Scholarship, Annual Meeting of the National Academy of Education
2000-2003	Editorial Board, <i>Sociology of Education</i>
2000-Present	Editorial Board, <i>Educational Evaluation and Policy Analysis</i>
2001	Guest Editor, <i>Sociological Focus</i> , special issue on educational stratification and the life course
2002-2003	Research Advisory Board, Charles A. Dana Center, The University of Texas at Austin
2003	Recognition for outstanding professional service for exemplary reviews, Publications Committee, American Educational Research Association
2003	Organizer, Sociology of Education Sessions, American Sociological Association
2003	Co-Organizer, <i>Workshop on Early Career Scholars Professional Development</i> , Sociology of Education Section, American Sociological Association
2005	Faculty Instructor, Statistical Institute on Causal Inference, American Educational Research Association Grants Program, Montreal, Canada
2005	Invited Speaker, <i>Science and Math Achievement and Health during Adolescence: The Role of Curriculum</i> , American Association for the Advancement of Science, Washington, DC
2006-Present	Panel Member, Advisory Board, National Assessment of Educational Progress (NAEP) High School Transcript Studies
2007	Panel Member, American Educational Research Association Grants Program, Think Tank on Postsecondary Education
2007-Present	Board Member, American Educational Research Association Grants Program Governing Board
2008	Elected Member, Sociological Research Association
2009	Editorial Board, <i>Sociology of Education</i>
Present	Member: American Sociological Association, American Educational Research Association, American Association of University Women, Population Association of America

**B. SELECTED PEER-REVIEWED PUBLICATIONS**

Muller, C.L. 1993. Parent Involvement and Academic Achievement: An Analysis of Family Resources Available to the Child. In *Parents, Their Children and Schools*, B. Schneider and J.S. Coleman, (Eds), pp.

- 77-113. Boulder, CO: Westview Press.
- Muller, C.L. and D. Kerbow. 1993. Parent Involvement in the Home, School and Community. In *Parents, Their Children and Schools*, B. Schneider and J.S. Coleman (Eds), pp. 13-42. Boulder, CO: Westview Press.
- Muller, C.L. 1995. Maternal Employment, Parent Involvement, and Mathematics Achievement. *Journal of Marriage and the Family* 57(1):85-100. Reprinted. 1995. In *Parents and Adolescents in Changing Families, Families in Focus Series, Volume III*, D.H. Demo and A.-M. Ambert (Eds). Minneapolis, MN: National Council on Family Relations.
- Bidwell, C.E., S. Plank and C.L. Muller. 1996. Peer Social Networks and Adolescent Career Development. In *Generating Social Stratification*, A.C. Kerckhoff (Ed), pp. 107-131. Boulder, CO: Westview Press.
- Moreno, S.E. and C.L. Muller. 1996. Latinas in the U.S. Labor Force. In *Women and Work: A Handbook*, P. Dubeck and K. Borman (Eds), pp. 38-41. New York, NY: Garland.
- Muller, C.L. 1996. Maternal Employment, Parent-Child Relationships, and Children's Achievement. In *Women and Work: A Handbook*, P. Dubeck and K. Borman (Eds), pp. 416-419. New York, NY: Garland Publishing.
- Muller, C.L. 1998. Gender Differences in Parent Involvement and Adolescents' Mathematics Achievement. *Sociology of Education* 71(4):336-356.
- Muller, C.L. 1998. The Minimum Competency Exam Requirements, Teachers' and Students' Expectations and Academic Performance. *Social Psychology of Education* 2(2):199-216.
- Muller, C.L. and M.L. Frisco. 1998. Organizations for Adolescents. In *The Adolescent Years: Social Influences and Educational Challenges*, K. Borman and B. Schneider (Eds), pp. 142-159. Chicago, IL: University of Chicago Press.
- Moreno, S.E. and C.L. Muller. 1999. Success and Diversity: The Transition through First-Year Calculus in the University. *American Journal of Education* 108:30-57.
- Moreno, S.E., C.L. Muller, R. Asera, L. Wyatt and J. Epperson. 1999. Supporting Minority Mathematics Achievement: The Emerging Scholars Program at The University of Texas at Austin. *Journal of Women and Minorities in Science and Engineering* 5(1):53-66.
- Muller, C.L., S. Katz and L.J. Dance. 1999. Investing in Teaching and Learning: Dynamics of the Teacher-Student Relationship from Each Actor's Perspective. *Urban Education* 34(3):292-337.
- Muller, C.L. and K.S. Schiller. 2000. Leveling the Playing Field? Students' Educational Attainment and States' Performance Testing. *Sociology of Education* 73(3):196-218.
- Schiller, K.S. and C.L. Muller. 2000. External Examinations and Accountability, Educational Expectations, and High School Graduation. *American Journal of Education* 108(2):73-102.
- Fulton, K.G. and C.L. Muller. 2001. Homelessness and Mothers' Involvement in their Children's Education: What Can Schools Do? *International Journal of Educational Policy, Research and Practice* 2(4):373-393.
- Muller, C.L. 2001. The Role of Caring in the Teacher-Student Relationship for At-Risk Students. *Sociological Inquiry* 71(2):241-255.
- Muller, C.L. and C.G. Ellison. 2001. Religious Involvement, Social Capital, and Adolescent's Academic Progress: Evidence from the National Educational Longitudinal Study of 1988. *Sociological Focus* 34(2):155-183.
- Moreno, S.E. and C.L. Muller. 2002. Higher Education in the United States: Latinos. In *Education and Sociology: An Encyclopedia*, D.L. Levinson, A.R. Sadovnik and P.W. Cookson (Eds), pp. 353-358. New York, NY: Routledge.
- Muller, C.L. 2002. Working Parents. In *Education and Sociology: An Encyclopedia*, D.L. Levinson, A.R. Sadovnik and P.W. Cookson (Eds), pp. 711-715. New York, NY: Routledge.
- Muller, C.L. 2003. Review of *Transitions in American Education: A Social History of Teaching* by D.H. Parkerson and J.A. Parkerson. *Contemporary Sociology* 32(2):246-247.
- Schiller, K.S. and C.L. Muller. 2003. Raising the Bar and Equity? Effects of State High School Graduation Requirements and Accountability Policies on Students' Mathematics Course Taking. *Educational Evaluation and Policy Analysis* 25(3):299-318.
- Crosnoe, R.L., C.L. Muller and K.A. Frank. 2004. Peer Context and the Consequences of Adolescent Drinking. *Social Problems* 51(2):288-304.
- Frisco, M.L., C.L. Muller and K. Dodson. 2004. Participation in Voluntary Youth-Serving Associations and Early Adult Voting Behavior. *Social Science Quarterly* 85(3):660-676.
- Muller, C.L. 2004. Standards and Equity. *Journal of the Learning Sciences* 13(2):237-242.
- Crosnoe, R.L., L. Lopez-Gonzalez and C.L. Muller. 2004. Immigration from Mexico into the Math/Science Pipeline in American Education. *Social Science Quarterly* 85(5):1208-1226.

- Needham, B., R.L. Robert Crosnoe and C.L. Muller. 2004. Academic Failure in Secondary School: The Inter-Related Role of Health Problems and Educational Context. *Social Science Quarterly* 51(4):569-586.
- Crosnoe, R.L. and C.L. Muller. 2005. Body Mass Index, Academic Achievement, and School Context: Examining the Educational Experience of Adolescents at Risk of Obesity. *Journal of Health and Social Behavior* 45:393-407.
- Hanson, T.L., C.L. Muller, G. Austin and J. Lee-Bayha. 2005. Research Findings about the Relationship between Student Health and Academic Success. In *Getting Results: Developing Safe and Health Kids Update 5, Student Health, Supportive Schools, and Academic Success*. Pp.5-20. Sacramento, CA: California Department of Education Press.
- Muller, C.L. and K.S. Schiller. 2005. Achievement and Equity. In *The Social Organization of Schooling*, L. Hedges and B. Schneider (Eds), pp. 270-283. New York, NY: Russell Sage Foundation.
- S. Field, K.A. Frank, K.S. Schiller, C. Riegler-Crumb and C.L. Muller. 2006. Identifying Positions from Affiliation Networks: Preserving the Duality of People and Events. *Social Networks* 28(2):97-186.
- Pearson, J.D., C.L. Muller and M.L. Frisco. 2006. Parental Involvement, Family Structure, and Adolescent Sexual Decision Making. *Sociological Perspectives* 49(1):67-90.
- Riegler-Crumb, C., G. Farkas and C.L. Muller. 2006. The Role of Gender and Friendship in Advanced Course-Taking. *Sociology of Education* 79(3):206-229.
- Crosnoe, R.L., C. Riegler-Crumb, and C.L. Muller. 2007. Gender, Self-Perception, and Academic Problems in High School. *Social Problems* 54(1):118-138.
- Frisco, M.L., C.L. Muller, and K.A. Frank. 2007. Parents' Union Dissolution and Adolescents' School Performance: Comparing Methodological Approaches. *Journal of Marriage and the Family* 69(3):721-741.
- Pearson, J.D., C.L. Muller, and L. Wilkinson. 2007. Adolescent Same-Sex Attraction and Academic Outcomes: The Role of School Attachment and Engagement. *Social Problems* 54(4):523-542.
- Raley, R.K., S. Crissey, and C.L. Muller. 2007. Of Sex and Romance: Late Adolescent Relationships and Young Adult Union Formation. *Journal of Marriage and Family* 69(5):1210-1226.
- Barrett, J.B., J.D. Pearson, C.L. Muller, and K.A. Frank. 2007. Adolescent Religiosity and School Contexts. *Social Science Quarterly* 88(4):1024-1037.
- Callahan, R.M., L. Wilkinson, and C.L. Muller. 2008. School Context and the Effects of ESL Placement on Mexican-Origin Adolescents' Achievement. *Social Science Quarterly* 89(1):177-198.
- Crosnoe, R.L., C. Riegler-Crumb, S. Field, K.A. Frank, and C.L. Muller. 2008. Peer Group Contexts of Girls' and Boys' Academic Experiences. *Child Development* 79(1):139-155.
- Frank, K.A., C.L. Muller, K.S. Schiller, C. Riegler-Crumb, A.S. Mueller, R.L. Crosnoe, and J.D. Pearson. 2008. The Social Dynamics of Mathematics Coursetaking in High School. *American Journal of Sociology* 113(6):1645-1696.
- Callahan, R.M., K.S. Schiller, and C.L. Muller. 2008. Immigrant High School Students' Curriculum and Socialization. *Theory and Research in Social Education* 36(2):6-31.
- Choi, K.H., R.K. Raley, C.L. Muller, and C. Riegler-Crumb. 2008. Class Composition: Socioeconomic Characteristics of Coursemates and College Enrollment. *Social Science Quarterly* 89(4): 846-866
- Callahan, R.M., L. Wilkinson, C.L. Muller and M.L. Frisco. 2008. ESL Placement and Schools: Effects on Immigrant Achievement. *Educational Policy* 23(2), 355-384.
- Muller, C.L., C. Riegler-Crumb, K.S. Schiller, L. Wilkinson, K.A. Frank. In Press. Race and Academic Achievement in Racially Diverse High Schools: Opportunity and Stratification. *Teachers College Record*, 112 (4).
- Mueller, A.S., J. Pearson, C. Muller, K. Frank, and A. Turner. Forthcoming. Sizing up Peers: Adolescent Girls' Weight Control and Social Comparison in the School Context. *Journal of Health and Social Behavior*.

### **C. RESEARCH SUPPORT DURING THE LAST THREE YEARS**

#### **Ongoing Research Support**

HRD-0834177 (C.L. Muller, PI)

01/01/09-12/31/11

National Science Foundation

Students with Learning Disabilities: STEM Pathways in the Social Context

Focusing on college preparatory STEM achievement outcomes, this project explores the effects of high school context, social and academic processes, as well as variations by demographic subgroup (racial, ethnic and linguistic minority, gender, class) among the population of students with learning disabilities.

Role: Principal Investigator

DUE-075708 (C.L. Muller, PI)

06/01/08-05/31/11

National Science Foundation

STEM in the New Millennium: Preparation, Pathways and Diversity

This study will investigate the contemporary pathways into STEM fields and the circumstances under which the pathways are open to all students, including those of color and first generation college-goers.

Role: Principal Investigator

**Completed Research Support**

1 R01 HD40428/REC-0120282 (C.L. Muller, PI)

06/01/01-05/31/09

National Institute of Child Health and Human Development/

National Science Foundation

Adolescent Health and Academic Achievement

This project collected and coded high school transcripts for the Wave III sample members of Add Health.

Role: Principal Investigator

88-06-12 (C.L. Muller, PI)

09/01/06-08/31/09

Russell Sage Foundation

The Role of Language and Education in Immigrant Adolescents' Civic Integration during the Transition to Adulthood

This study explores the interplay of language with adolescents' academic and social experiences in high schools as pathways that contribute to their language proficiency and use in early adulthood and, in turn, to the development of their civic identity, awareness and involvement.

Role: Principal Investigator

HRD-0523046 (C.L. Muller, PI)

09/01/05-08/31/09

National Science Foundation

Gender Differences in Science and Math: Diversity and the Role of Social Context

This grant examines how schools structure opportunities for adolescent girls and boys of different races, ethnicities, social classes, and immigrant generational statuses, as they work toward preparation for careers in science and math.

Role: Principal Investigator