

**Linda Hamilton, M.A.**

6605 Chestnut Avenue, Lanham, MD 20706

Phone: 240-988-9344 (cell)

E-mail: lindahamilton2023@proton.me; linda.hamilton.md@gmail.com

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**Key Qualifications:**

Senior project leader with experience managing federal statistics projects and tasks in federal and contract settings for US Department of Education. Expertise in program coordination, reporting, analysis and dissemination, as well as setting policies and procedures for middle and high school transcript data collections and division information clearance submissions. Certified as federal acquisition contract and program professional (FAC-COR II, FAC-P/PM). Experience working in federal, state and local education departments, and with international colleagues on international education surveys and assessments.

**Professional Job History:**

**Education Research Scientist**, Reporting and Analysis Branch, National Assessment Division, 8/2014-9/2016

**Statistician**, International Activities and Administrative Services Branches, Assessment Division, 9/2016-8/2025

U.S. DEPARTMENT OF EDUCATION, INSTITUTE OF EDUCATION SCIENCES, NATIONAL CENTER FOR EDUCATION STATISTICS, Washington, DC

For International Assessment Branch, managed the First International Consolidated Contract for three international studies (PIRLS, PISA, and PIAAC), the International Activities Research, Evaluation, and Quality Control Support (IACT) contract, and the Education Statistics Service Institute Network task order. COR for overall Procurement of Research Evaluation Statistics Task Orders (PRESTO) for IES. Led in developing solicitations for two PRESTO task orders and served as their Contract Officer's Representative (COR). Developed task orders and government cost estimates, reviewed proposals, monitored contract performance and budget, approved invoices and monthly reports, and prepared contract modifications. As project leader and National Research Coordinator, responsible for leading the U.S. data collection of 2023 International Computer and Information Literacy Study (ICILS). For the National Assessment division, oversaw the High School Transcript Study (2019, 2024) data collection and report development activities. Also COR for NAEP planning and coordination activities, responsible for managing submission and approval of Office of Management and Budget Information Collection NAEP clearance packages. Grant Project Officer for IES grant (2014-2018) to produce report entitled, [\*Developing Indicators of Educational Equity\*](#), authored by the National Academy of Sciences. Project leader for [\*The Condition of Education \(COE\) 2020\*](#) which is a congressionally mandated annual compendium report to the U.S. Congress on the state of U.S. education. Also responsible for development and publication of the following reports: [\*ICILS 2023 US results\*](#); [\*ICILS 2018 US results\*](#); U.S. ICILS 2018 technical notes; U.S. ICILS 2018 technical report; ICILS 2018 restricted- and public- use datasets and related documentation; [\*From Algebra to Zoology: How Well Do Students Report Mathematics and Science Coursetaking?\*](#); [\*Findings and Recommendations from the National Assessment of Educational Progress \(NAEP\) 2017 Pilot Study of the Middle School Transcript Study \(MSTS\): Methodological Report, NCES 2019-031\*](#); [\*2019 NAEP High School Transcript Study \(HSTS\) Results\*](#); [\*Paths Through Mathematics and Science: Patterns and Relationships in High School Coursetaking\*](#)); and eleven school district level reports.

**Education Specialist**, Division of Curriculum, Assessment, Accountability, 9/13-7/14

MARYLAND STATE DEPARTMENT OF EDUCATION, Baltimore, MD

STATISTICAL ANALYSIS - SAS AND SQL.

**Senior Associate**, 5/13-8/14

EDUCATION RESEARCH INSTITUTE, Arlington, VA

LEADERSHIP COACHING.

**Data Analyst, 6/12-5/13**

DC PUBLIC CHARTER SCHOOL BOARD, Washington, DC

SCHOOL ACCOUNTABILITY AND POLICY SETTING, EVALUATION, DATABASE ADMINISTRATION.

**Senior Research Associate, 12/11-03/12**

OPTIMAL SOLUTIONS GROUP, College Park, MD

PROJECT MANAGEMENT FOR CONTRACT WITH NATIONAL CENTER FOR EDUCATION STATISTICS.

**Senior Research Analyst, 11/10-08/11**

BUCCANEER, A VANGENT COMPANY (now General Dynamic IT), Owings Mills, MD

TASK MANAGEMENT, TECHNICAL WRITING, STATISTICAL PROGRAMMING CONSULTANT AT NATIONAL CENTER FOR HEALTH STATISTICS.

**Senior Research Analyst, 08/01-10/10**

AMERICAN INSTITUTES FOR RESEARCH, Washington, DC

EDUCATION STATISTICS PROJECT & TEAM MANAGEMENT, TECHNICAL EVALUATION, RESEARCH & STATISTICAL ANALYSIS. Directed project involving the technical evaluation of the NAEP program's reports, technical documentation, and data products. Supervised technical review team. Managed projects to support the process of quality assurance of NAEP survey products, and psychometric analysis of NAEP data linked to external data. Managed research assistants in preparing analytic tables and findings for several reports ([\*Youth Indicators, 2005\*](#), and [\*Trends in Educational Equity of Girls & Women\*](#)) (2001-2003). As a lead technical reviewer for five years, summarized key issues for clients, attended review meetings and presented or clarified review findings. Initiated and managed the development of software written in SAS to automate the review of education data files. Analyzed data in Stata and SAS to test feasibility of creating a new indicator of socio-economic status, and collaborated in research to link NAEP district level data with student attitudinal data. As part of team developed a statistical report on disparities in educational achievement among Black and White students.

**Programmer Analyst II, 1999-2001**

ORKAND CORPORATION (now Harris Corp.), Falls Church, VA

HEALTH AND NUTRITION EXAMINATION SURVEY (NHANES) PROGRAMMING, ANALYSIS, QUALITY ASSURANCE.

**Programmer Analyst, 1997-1998**

SOCIAL AND SCIENTIFIC SYSTEMS, Bethesda, MD

HEALTHCARE PROGRAMMING & ANALYSIS.

**Computer Systems Analyst, 1991-1994**

WESTAT, INC., Rockville, MD

SOFTWARE DEVELOPMENT, DATABASE ADMINISTRATION, PROGRAMMING & ANALYSIS IN OCCUPATIONAL HEALTH.

**Computer Programmer, 1989-1991**

URBAN INSTITUTE, Washington, DC

HEALTHCARE PROGRAMMING & ANALYSIS.

**Computer Programmer/Analyst, 1987-1989**

ORKAND CORPORATION, Silver Spring, MD/SIGMA DATA CORPORATION, Rockville, MD

BUREAU OF LABOR STATISTICS (ECONOMIC) SOFTWARE DEVELOPMENT & PROGRAMMING.

**Professional Assistant, 1986**

NATIONAL SCIENCE FOUNDATION, ANTHROPOLOGY PROGRAM, Washington, DC

**Education:**

**Bachelor of Arts**, Anthropology, Dartmouth College, 1978

**Master of Arts**, Anthropology, George Washington University, 1986

Institute for Education Leadership, Education Policy Fellowship Program Certification, 2010-2011 fellow

University of Maryland, Joint Program in Survey Methodology, 2000-2002, Graduate certification program, 15.0 credit hours

**Certification:**

Federal Acquisition Certification for Program and Project Managers (FAC-P/PM) I

Federal Acquisition Institute (FAI) Certification Contract Officer Representative II

**Publications and Presentations:**

Yamashiro, A., and Hamilton, L. (2016, April). The Condition of Education and NAEP Survey Data on English Learners. Presentation as part of Symposium of the Second Language Special Interest Group (SIG) for the 2016 Annual Meeting of the American Education Research Association. Washington, DC.

Hamilton, L., and Walton, W. (2015, March). Summary of 2014 NAEP Geography results. Presentation for the 2015 National Conference on Geography Education. Washington, DC.

Kim, Y., Hamilton, L., and Ogut, B. (2010, April). Beyond NDE: Understanding and Working with National Assessment of Educational Progress Restricted Data. Training session for the 2010 Annual Meeting of the National Council for Measurement in Education (NCME). Denver, CO.

Yamashiro, A., Kim, Y., Goldstein, A., Hamilton, L., and Rosenberg, S. (2010, April). Understanding the Dynamics of the ELL Student Population and Their Academic Achievement using NAEP Data. Presentation for the 2010 Annual Meeting of the National Council for Measurement in Education (NCME). Denver, CO.

Vanneman, A., Hamilton, L., Baldwin, J., and Rahman, T. (2009). *Achievement Gaps: How Black and White Students in Public Schools Perform in Mathematics and Reading on the National Assessment of Educational Progress*, (NCES 2009-455), National Center for Education Statistics, Institute of Education Science, U.S. Department of Education. Washington, DC.

Osher, D., Kendziora, K., Chun, Y., Hamilton, L. and Walton, E. (2008, May). *Using Student Opinion Research to Inform and Build School Reform: Insights from the Student Connection Census in Chicago Public Schools*. Paper prepared for the Annual Conference of AAPOR. New Orleans, LA.

Plattner, S., Hamilton, L. and Madden, M. (1987). "The Funding of Research in Social Cultural Anthropology at the National Science Foundation." American Anthropologist, 89:853-866

**Professional Affiliations:**

American Educational Research Association, Federal Asian Pacific American Council, Blacks in Government

**Volunteer Activities:**

Sha Research Foundation, webmaster for marketing team (2018-2023)

School of Life Educational Society, meal preparation for DC homeless community (2018-2020)