

## NANCY J. SMITH, Ph.D.

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### EDUCATION

Ph.D.	1997	The University of Texas at Austin	Educational Psychology, Quantitative Methods
BBA	1981	Stephen F. Austin State University	Business, Management

### EXPERIENCE

#### 10/10 – Present DataSmith Solutions, LLC Principal Consultant

- Sample of Customers: Data Quality Campaign, Double Line Partners, Edvance Research Inc, Quality Information Partners, AEM Corporation, Metiri Group, WestEd, Texas Education Agency, Oklahoma State Department of Education, New Hampshire Department of Education, North Carolina Department of Public Instruction, Alaska Commission on Post-Secondary Education, University of Hawai'i Foundation
- Draft white papers on research capacity, adjusted cohort graduation rate, federal data collections and impact of statewide longitudinal data systems
- Draft data governance program manuals, committee charters, organizational structure templates
- Provide technical assistance on data governance activities and statewide longitudinal data system design and implementation processes
- Develop and present professional development materials on data systems, data governance, and data use
- Conduct state site visits on behalf of U.S. Department of Education State Education Information Support Services contract
- Assist in the development of a Charter School Data Mart at U.S. Department of Education under contract to WestEd and develop process management and data governance materials
- Participate in Teacher Student Data Link Summit hosted by CELT Corporation
- Review, comment and offer guidance on federal grant proposals
- Review and guide national survey instrument development

#### 8/09 – 10/10 U.S. Department of Education Director, Statewide Longitudinal Data Systems

- Oversee Statewide Longitudinal Data System Grant program
- Initiate Common Education Data Standards efforts on behalf of U.S. Department of Education and facilitate Common Education Data Standards Technical Working Group activities and deliverables
- Design and Develop Privacy Technical Assistance Center for US Department of Education
- Review and comment on draft legislation
- Participate in department-wide data governance activities
- Oversee contract negotiations for Common Education Data Standards project and Privacy Technical Assistance Center
- Represent the U.S. Department of Education and Statewide Longitudinal Data Systems grant program at conferences and make presentations to national and regional audiences
- Participate in review panel for new contracts
- Ex Officio member of CDS Consortium

#### 10/05 – 4/09 Co-Founder and Deputy Director, Data Quality Campaign

- Co-develop and oversee Data Quality Campaign outreach activities and publications
- Organize and facilitate regional P-20 data meetings
- Conduct state site visits and write case study reports
- Conduct series of webinars with NCSL's Legislative Education Staff Network
- Write resource guides and implementation briefs for policymakers and data directors
- Write and conduct annual survey, analyze and synthesize results, distribute results via Web and reports
- Make presentations to at state, regional and national meetings

- Participate on state, regional and national advisory panels
- Supervise research assistants and contractors conducting statistical analyses, creating resource notebooks and toolkits, writing articles for publication, conducting state site visits, and preparing reports
- Write and distribute monthly newsletter for Data Quality Campaign (DQC)
- Design and develop initial DQC website
- Serve on NAEP High School Transcript Study Technical Panel, 2006-2008
- Serve on NCES National Forum Longitudinal Data System Task Force
- Serve on CCSSO EIMAC Longitudinal Student Data System Task Force

**4/03 – 8/09      InfoSynthesis & Organization  
President**

- Customers: Data Quality Campaign, CCSSO, Double Line Partners, Hawai'i P20, Virgin Islands Department of Education
- Member of CCSSO State Education Data Center Technical Advisory Committee
- Member of U.S. Department of Education National Education Data Model P20 Steering Committee
- Member of U. S. Department of Education review panel for state grant applications for building longitudinal data systems in 2005, 2007 and 2008
- Consultant with CELT Corporation on Decision Support Architecture Consortium II, 2007
- Technical Assistant Consultant with Council of Chief State School Officers (CCSSO) and U. S. Department of Education for IES grantee states, 2005-2006
- Programming consultant for WI Department of Public Instruction for EDEN program, 2004-2006
- Statistical analysis, data collection, and data programming for the Council of Chief State School Officers, the Education Trust, Educational Results Partnership/JFTK-CA, ESP Solutions Group, and the National Center for Educational Accountability , 2003-2005
- Team Leader for site visits conducted for Performance-Based Data Management Initiative, U.S. Department of Education, sub grant through ESP Solutions Group, 2003 and 2004
- Technical Assistance Contact for Performance-Based Data Management Initiative, U.S. Department of Education, sub grant through ESP Solutions Group, 2003 and 2004

**3/04 – 9/05      National Center for Educational Achievement  
Associate Director Research & Development**

- Oversee research and development projects for Just for the Kids data model
- Provide technical review of data analysis, survey development and analyses, and project design

**3/01 – 3/03      National Center for Educational Accountability/Just for the Kids  
Director of Programming and Technology**

- Coordinate collection of student- and campus-level data from 10 state departments of education
- Oversee design and development of analyses for student- and campus-level data across all states
- Develop programming and diagnostic modules necessary to produce Just for the Kids (JFTK) school data website
- Develop standardization and documentation processes for annual multi-state analyses and web-based reports
- Oversee large expansion of IT security and infrastructure

**9/01 – 12/01      The University of Texas at Austin, School of Nursing  
Lecturer**

- Nursing Research Methods: Analysis and Interpretation of Data

**8/99 – 2/01 Texas Education Agency  
Systems Analyst IV**

- Develop risk-based evaluation system across twelve special program areas to identify districts in need of monitoring visit
- Serve on multiple data governance workgroups that provide oversight and change control processes for PEIMS database management and collection procedures
- Provide data-related training and consultation services to various program areas
- Analyze and interpret district/campus performance and participation data and identify entities in need of on-site data quality audits

**4/98 – 7/99 Texas Education Agency  
Program Administrator V**

- Design research and evaluation project proposals and develop project work plans
- Serve on multiple workgroups to review and update PEIMS and serve on TEA Data Advisory Committee
- Supervise team of programmers and evaluation specialists who conducted educational research and ad hoc analyses for administration, state board of education, and legislature

**PUBLICATIONS**

- Smith, N.J. (2012) *The Collection and Reporting of GEPA and FSRS Fiscal Data*, Internal white paper commissioned by U.S. Department of Education State Education Information Support Services Contract, Washington, DC: Applied Engineering Management Corporation
- Smith, N.J. (2011) *Understanding Policy and Implementation Issues Regarding the Cohort Graduation Rate*, Internal white paper commissioned by U.S. Department of Education State Education Information Support Services, Washington, DC: Applied Engineering Management Corporation
- Smith, N.J. & Mandinach, E (2011) *Leveraging the Power of State Longitudinal Data Systems: Building Capacity to Turn Data into Useful Information*. Washington, DC: Data Quality Campaign
- Smith, N.J. (2011) *SLDS Impact Paper*, unpublished draft, Washington, DC: Data Quality Campaign.
- Smith, N.J. (2008) States Getting It Right: The Cases of Kansas and Virginia. In Marci Kanstoroom and Eric C. Osberg (Eds.), *A Byte at the Apple: Rethinking Education Data for the Post-NCLB Era* (pp. 116-140). Washington, DC: the Thomas B. Fordham Institute Press.
- Smith, N.J. (2008) *State Data Systems: What is Needed for Next-Generation Assessment and Accountability Systems*. Austin, TX: Data Quality Campaign.
- Smith, N.J. (2008) *Why is Student-Level P-20 Data Sharing Important?* New England Journal of Higher Education, Spring, Vol. 22, No. 5.
- Armstrong, J., Bergner, T. and Smith, N.J. (2008) *The Third Wave of Longitudinal Data Systems: Data Partnerships*. Austin, TX: Data Quality Campaign.
- Armstrong, J., Bergner, T., Hanes, S. and Smith, N.J. (2008) *How ACT, SAT and AP Results Can Increasingly Inform Policymaking, School Improvement and Student College Readiness*. Austin, TX: Data Quality Campaign.
- Steiny, J. and Smith, N.J. (2007) *Reporting and Analysis Tools: Helping Mine Education Data for Information Resources*. Austin, TX: Data Quality Campaign.
- Bergner, T. and Smith, N.J. (2007) *How Can My State Benefit from an Education Data Warehouse?* Austin, TX: Data Quality Campaign.
- Kugle, C.L. and Smith, N.J. (2007) *Massachusetts Case Study: Building a Student-Level Longitudinal Data System*. Austin, TX: Data Quality Campaign.

- Kugle, C.L. and Smith, N.J. (2007) *South Carolina Case Study: Building a Student-Level Longitudinal Data System*. Austin, TX: Data Quality Campaign.
- Smith, N.J. and Armstrong, J. (2007) *Every Student Counted: Using Longitudinal Data Systems to Calculate More Accurate and Useful High School Graduation Rates to Improve Student Success*. Austin, TX: Data Quality Campaign.
- Dougherty, C. J., Mellor, L. T. and Smith, N. J. (2007) *Six Key Uses of Longitudinal Data*. Austin, TX: National Center for Educational Accountability.
- Smith, N.J. and Armstrong, J. (2006) *Creating Longitudinal Data Systems: Lessons Learned by Leading States*. Austin, TX: Data Quality Campaign.
- Smith, N.J. (2006) *Increasing Returns on Investment in Data Systems: Lessons Learned from Recipients of IES Statewide Longitudinal Data Systems Grants*. Austin, TX: Data Quality Campaign.
- Smith, N.J. (2006) *Implementing the NGA Graduation Rate Compact: State-Level Issues*. Washington, DC: Council of Chief State School Officers.
- Kugle, C.L. and Smith, N.J. (2006) *Virginia Case Study: Building a Student-Level Longitudinal Data System*. Austin, TX: Data Quality Campaign.
- Kugle, C.L. and Smith, N.J. (2006) *Wisconsin Case Study: Building a Student-Level Longitudinal Data System*. Austin, TX: Data Quality Campaign.
- Kugle, C.L. and Smith, N.J. (2006) *Florida Case Study: Building a Student-Level Longitudinal Data System*. Austin, TX: Data Quality Campaign.
- Kugle, C.L. and Smith, N.J. (2006) *Utah Case Study: Building a Student-Level Longitudinal Data System*. Austin, TX: Data Quality Campaign.
- Smith, N.J. (2006) *2006 Case Study Synopsis*. Austin, TX: Data Quality Campaign.
- Dougherty, C. J., Mellor, L. T., and Smith, N. J. (2006) *Identifying Appropriate College-Readiness Standards for All Students*. Austin, TX: National Center for Educational Accountability
- Dougherty, C. J., Smith, N.J., and Data Quality Campaign (2005) *Creating a Longitudinal Data System: Using Data to Improve Student Achievement*. Washington, DC: Achieve, Inc. and KSA-Plus
- Smith, N.J. (2004) *Lessons Learned: Writing Requests for Proposals for Statewide Student Data Systems in Education*. Denver, CO: Education Commission of the States.

## **PRESENTATIONS**

- Smith, N.J. (2011) *Effectively Using Statewide Longitudinal Data Systems: Making Use of the Data to Inform Policy and Practice*, 2011 Annual Conference: Oklahoma Association of Colleges of Teacher Education (OACTE), Oklahoma Commission for Teacher Preparation (OCTP), Oklahoma Association of Teacher Educators (OATE), Oklahoma City, OK
- Shah, R, Smith, N.J., Barfield, K, Gibson, N (2011), *Leveraging the Power of Statewide Longitudinal Data Systems (SLDS): Building Capacity to Turn Data into Useful Information*, NCES Summer Data Conference, Washington, DC
- Smith, N.J. (2011) *Data Governance*, MSDF Multi-State Workgroup, Austin, TX
- Smith, N.J., Young, B, & Blevins, M (2010), *Common Data Standards (CDS): How to Access the Standards and Provide Feedback*, NCES Summer Data Conference, Washington, DC

- Smith, N.J. (2010) *Connecting Policymakers, Researchers, and Statewide Longitudinal Data: How to Make the Most of these Robust Data Systems*, IES Research Conference, National Harbor, MD
- Smith, N.J. (2010) *Common Data Standards Initiative*, PESC Conference, Washington, DC
- Smith, N.J. (2010) *Common Data Standards Initiative*, National Forum on Education Statistics, Phoenix, AZ
- Smith, N.J. (2009) *Data Quality and State Longitudinal Data Systems*, Presentation given to the Special Education Data Accountability Center Retreat, Rockville, MD.
- Smith, N.J., Kowalski P. (2009) *Longitudinal Data Leads to Longitudinal Statistics Leads to Useful Information*, Annual NCES Summer Data Conference, Washington, DC
- Smith, N.J. (2008) *Funding Longitudinal Data Systems*. National Council of State Legislatures Meeting. San Antonio, TX.
- Smith, N.J. (2008) *Connecting P-12 and Higher Education Data: Who is Doing What and How?* Annual NCES MIS Conference. San Francisco, CA.
- Smith, N.J. (2008) *The Power of Longitudinal Data in Improving Student Achievement*. Testimony to Joint Public Education and Higher Education Committee. Texas House of Representatives. Austin, TX.
- Chatis, C., Houde, D. and Smith, N.J. (2008) *Why Are Longitudinal Data Systems Necessary?* DQC/LESN Webinar. Austin, TX.
- Smith, N.J. (2008) *Connecting P-12 and Postsecondary: Who, What, How and Why*. Nebraska P-16 Council Meeting. Lincoln, NE.
- Smith, N.J. (2008) *Why are Longitudinal Data Systems Necessary?* EdVoice Symposium. Lake Tahoe, CA.
- Smith, N.J. (2008) *Developing and Supporting P-20 Education Data Systems: State of the States*. Data Quality Campaign/New England Board of Higher Education Regional Meeting. Boston, MA.
- Smith, N.J. (2008) *Data Sharing Across the Education Pipeline*. Annual NCES Summer Data Conference. Bethesda, MD.
- Osberg, E. and Smith, N.J. (2008) *The Future of State Data Systems*. Annual NCES Summer Data Conference. Bethesda, MD.
- Collins, Smith, Falah and Sherrill. (2008) *What to Think about before Starting to Develop a Longitudinal Data System*. Annual NCES Summer Data Conference. Bethesda, MD.
- Taylor, R., Sellers, J., and Smith, N.J (2008) *Student Privacy and Longitudinal Data Systems: What are the Issues and How Do we Keep Moving Forward?* DQC/LESN Webinar. Austin, TX.
- Smith, N.J. (2007) *P-20 Data Systems Bridges and Barriers: Who, What, How and Why?* Annual NCES Summer Data Conference. Washington, DC.
- Smith, N.J. (2007) *Creating the Will and Understanding to Build and Use Statewide Longitudinal Data Systems*. National Forum on Education Statistics. Washington, DC.
- Smith, N.J. (2007) *The 10 Essential Elements: What are they? Why are they important?* Presentation to Education Trust West Day of Data Meeting. Berkeley, CA.
- Smith, N.J. (2007) *A Culture of Data Quality: How Accurate Data Results in Analysis with Accurate Implications*. Presentation to Wisconsin Department of Public Instruction Superintendent's Cabinet Meeting. Madison. WI.

- Canada, B., Kosty, D. and Smith, N.J. (2007) *The Power of Longitudinal Data Systems to State Policymakers*. DQC/LESN Webinar. Austin, TX.
- Smith, N.J. (2007) *Longitudinal Data Systems: What can they do for me?* New England Board of Higher Education Policy Institute. Boston, MA.
- Smith, N. J. (2006) *Maximizing the Power of Education Data while Ensuring Compliance with Federal Student Privacy Laws: A Guide for State Policymakers*. eScholar Fall User's Group Meeting. White Plains, NY.
- Smith, N. J. (2006) *A Culture of Data Quality: How Accurate Data Results in Analysis with Accurate Implications*. eScholar Fall User's Group Meeting. White Plains, NY.
- Smith, N. J. (2006) *Data Quality Campaign: Update on 2006 NCEA/DQC Survey*. Education Information Management Advisory Consortia Fall Meeting. Washington, DC.
- Smith, N. J. (2006) *Data Quality Campaign: Improving the Quality, Accessibility and Use of Data in Education*. Wisconsin Data Ambassadors Meeting. Madison, WI.
- Laird, E. M. and Smith, N. J. (2006) *State and National Longitudinal Policy and Data Initiatives*. Paper presented at the Annual NCES Summer Data Conference. Washington, DC.
- Smith, N. J. and Guidera, A. R. (2006) *The Data Quality Campaign: Partnerships, Products, and Progress*. Paper presented at the Annual NCES Summer Data Conference. Washington, DC.
- Smith, N. J. (2006) *Data Quality Campaign: Improving the Quality, Accessibility, and Use of Data in Education*. Paper presented at the NCES National Forum on Education Statistics. Orlando, FL.
- Smith, N. J. (2006) *Data Quality Campaign: Improving the Quality, Accessibility, and Use of Data in Education*. Paper presented at the 19<sup>th</sup> Annual MIS Conference, Orlando, FL.