

Langston A. Spell, Analyst/Consultant

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Education:

- A.B., English Literature, Duke University
 - S.T.B., Pastoral Counseling, Boston University School of Theology
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Relevant Employment History:

December 2013 - Present (Part-time Employee)

Traffic Safety Analysis Systems & Services, Inc.
Grove City, Ohio

- Assessment Facilitator, Module Leader, and Assessor: Conducts State Traffic Records Assessments compliant with the requirements of the National Highway Traffic Safety Administration and serving as a Subject Matter Expert (SME) in traffic records systems, lead analyst in assessing State participation process, and coordinator (facilitator) of the participation of State responders and managers, overseer of all assigned SMEs.
- Analyst: Mapping of State crash database content into MMUCC elements and attributes

June 1992 – Present

Consultant
Langston A. Spell, Consultant
Saint Petersburg, Florida (and previous addresses)

- 2001 to present: SME on State Traffic Records Assessments mainly for the Driver and Vehicle modules but also on the Crash and Citation/Adjudication modules.
- Consultant to AAMVAnet, the computer services system of the American Association of Motor Vehicle Administrators (AAMVA).
 - Co-developed the AAMVA Code Dictionary (ACD), a major upgrade to the "ANSI" (Violations Exchange Code). This was a comprehensive upgrade to the Violations Exchange Code which I had developed alone when employed with AAMVA.
 - Member of the AAMVAnet "Tiger Team" that provided the assistance to States in implementing the National Motor Vehicle Title Information System (NMVTIS).
 - Developed and prepared a Requirements Analysis Document (RAD) for two states to participate in the Commercial Driver License Information System (CDLIS).

August 1983– June 1993

Manager, Traffic Records Systems
National Con-Serv, Inc. d.b.a. Safety Management Institute
Rockville, Maryland

- Conducted and managed the revision of the accident report form, instruction manual, and the related software for data entry and storage in separate projects for Kansas and Maryland. Created an accident report form for the National Park Service.
- Developed a Model Traffic Accident Report form for the National Highway Traffic Safety Administration using the data from the ANSI D-20 data standard (the basis for the current MMUCC). An instruction manual was also developed to accompany the manual. The objective of this effort was to demonstrate that the ANSI D-20 data elements are usable for accident reporting and to provide general guidance to States in upgrading accident report design.
- Created the Model Traffic Records System Workbook for the National Highway Traffic Safety Administration (NHTSA). Following the development and implementation of the Model Traffic Records System, NHTSA determined to upgrade the information available to States for guidance on the development of state-of-the-art integrated statewide traffic records systems.
- Primary author of the NHTSA Problem Identification procedure (including an extensive workbook illustrating and containing the desired analysis routines) using the Data Analysis and Reporting Techniques (DART) system, a mainframe statistical system provided to States by the NHTSA.
- Created the Data Analysis and Reporting Techniques (DART) Instruction Manual that described the DART system and its operations and provided step-by-step documentation and guidance on the use of the DART software. The system incorporated the capability of generating user-defined sub-files, production of analysis tables and the use of the OMNITAB statistical processing system (provided by the Bureau of Standards).
- Developed and installed for the Tennessee Department of Safety a conversion system to create as much of the Tennessee accident file as possible from the efforts applied to its creation of the Fatal Accident Reporting System (FARS) files.

February 1958 – June 1983

Periods of employment (including self-employment) details available by request

- Notable projects for the National Highway Traffic Safety Administration
 - Created and conducted a complete nationwide inventory of State safety data pertaining to accidents drivers, road information, and vehicles.
 - Created the form and file structure for the Fatality Analysis File later renamed the Fatal Accident Reporting System (FARS) and trained all original State analysts providing input to the national file.

Professional Affiliations

- American National Standards Institute
 - Chairman, D20.1 Accident Database
 - Member, D16.1 Classification of Motor Vehicle Traffic Accidents
- Member, SAE J853 Vehicle Identification Number (Formerly X Series)