

Software Reliability Consulting

By Dr. Laurie Williams

“Technical Heir” to John Musa, a creator of Software Reliability Engineering

Associate professor, North Carolina State University



Do you need short term help with software reliability problems? This might involve review of your software reliability plans, help with deploying software reliability engineering, or simply providing advice and answering questions. Williams can provide remote or onsite consulting, which can at your option be coupled with classroom or distance learning courses. Remote consulting is particularly valuable when you have a local software reliability specialist who may need occasional backup or second opinions on difficult issues. Remote consulting can give you access to one of the world’s top experts by phone, email, and fax for scattered time periods as short as fractions of an hour.

Qualifications

Dr. Laurie Williams was selected by John Musa, a creator of Software Reliability Engineering, to be his technical heir because of his confidence in her technical and communication skills. She is a certified instructor of Musa’s *More Reliable Software Faster and Cheaper* course. Laurie is an associate professor in the Computer Science department at North Carolina State University (NCSU). She teaches software engineering and, more specifically, software reliability and testing. Laurie is a member of the NCSU Academy of Outstanding Teachers and has been voted the “Most Helpful Professor Outside of Class” by the student body. Prior to joining NCSU, she worked at IBM for nine years, including several years as a manager of a software testing department. At NCSU, Laurie leads the Software Engineering Realsearch group of graduate researchers. The motto of the “Realseach” group is “Real Engineers – Real Projects – Real Impact.” Through this “real” research, Laurie has and continues to work closely with a variety of companies, including IBM, Nortel, ABB, Microsoft, Tekelec, Sabre Airlines, and EMC. Dr. Williams has published over 150 software engineering papers, articles, and books. Additionally, she has been invited to give more than 60 technical presentations worldwide. Through her practical industry experience and extensive research in both reliability and testing, Dr. Williams’ is *uniquely* qualified to help you.

Other Services:

- ⇒ Classroom and distance learning SRE courses
- ⇒ SRE overview talks and management briefings (to enlist management and stakeholder (marketing, field service, etc.) support for SRE deployment)
- ⇒ Technology transfer advice and help
- ⇒ Follow-up consulting (remote or onsite) to review your plans, implementation, and deployment of SRE and to advise, help, and answer questions

SRE Website

A center of SRE information in electronic form: download, print, or send hyperlinks to others. Contains overview you can use to convince your manager of value of SRE, this flyer, dates of public SRE classroom courses and tutorials, list of articles by users, and lots of other material:

<http://members.aol.com/JohnDMusa/>

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