



**Wayne J. Levin, MASC, P.Eng**  
President

Predictum Inc.  
Suite 1540  
701 Congress Ave  
Austin, TX 78701  
[t]416.398.8900 [e] [levin@predictum.com](mailto:levin@predictum.com) |  
[www.predictum.com](http://www.predictum.com)

## PROFILE

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A professional engineer with 20 years experience in a variety of management, technical and leadership positions. Strengths include the following:

- Strong interpersonal and leadership skills,
- Expert user and instructor of statistical methods including statistical process control, design of experiments and Six Sigma (designated Master Black Belt),
- Expert in JMP Scripting Language (JSL),
- Proven project management skills.

## EDUCATION

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1991, University of Waterloo, Waterloo, ON — Masters of Applied Science, Faculty of Engineering, Emphasis on quality and continuous improvement theories and statistical methods. Thesis: On Quality in Software Engineering and Operations.

1983, University of Toronto, Toronto, ON — Bachelor of Applied Science, Faculty of Applied Science & Engineering, Industrial Engineering. Thesis: Single Switch Computer graphics System Using Blissymbolics.

## EXPERIENCE

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**Principal, Predictum Inc., Toronto, ON — 1991 – Present**

Consulting and training in statistical methods including Design of Experiments, Multiple Regression, Statistical Process Control for a number of companies in a variety of industries in

Canada, the United States and the United Kingdom.

Recent clients include The Goodyear Tire & Rubber Company (Akron, OH), Magna International (Aurora, ON), SAS Institute (Cary, NC), Procter & Gamble (Cincinnati, OH), Grenville Castings Limited (Smith Falls, ON), Raflatac (Scarborough, UK), McDonald's Canada (Toronto, ON).

Training delivery and effectiveness is enhanced by incorporating interactive, dynamic illustrations (simulations) of statistical concepts developed using JMP Scripting Language.

Currently developing e-learning for JMP and statistical methods fully exploiting JSL-based dynamic illustrations.

Developing a variety of analytical applications using JSL since in 2000 when it was first introduced in JMP. These applications range from simple, readily developed and implemented to powerful, abstract applications that anticipate and automatically respond to changes in the data. The objective for each script is to maximize usability and insights while minimizing the need for maintenance.

Sample JSL Projects:

- Product Quality Tracking System that allows users to draw data from a production data base producing control charts. Via a dialog box, users may select individual or grouped products and decide whether to use recorded historical limits, specified limits or those calculated from current data. The script anticipates and automatically incorporates new products as they are added to the data base without any need for revising the script itself
- Consumer research paired comparison script for a variety of products adding critical

functionality that is not currently available in native JMP.

- Develop a specialized Gage Repeatability & Reproducibility report combining various reports found in different platforms in JMP. Script is launched from a custom menu and toolbar button

**Consultant & Certified Instructor, SAS Institute, Cary, NC — 1997 – Present**

Six Sigma Consultant for SAS' Design Institute for Six Sigma. JMP Certified Instructor. Clients include On Semiconductor, National Semiconductor, JSR Micro, Abbott Labs, Goodyear Tire & Rubber Co., Procter & Gamble Co. SC Johnson, Kimberly Clark.

Mentoring and developing JSL Scripts for numerous SAS clients.

## COMPUTER EXPERIENCE

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Environments: Mac OS X, Windows

Languages: JMP Scripting Language, Fortran, HTML

Statistical Software Packages: JMP, SAS

## PROFESSIONAL AFFILIATIONS AND SERVICE

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President, University of Toronto Engineering Society, 1982–1983

Sr. Member, American Society for Quality

## PUBLICATIONS AND PRESENTATIONS

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“The Power of Dynamic Illustrations”, Quality Progress, American Society for Quality, October 2005.

“Using Theory to Improve Population Health: What Medicine can Teach Management,” The Canadian Journal of Quality in Health Care. December, 1994.

“Could we transform government with a dose of Deming?,” Journal for Quality and Participation. January/February, 1996.

“How World-Wise Businesses Become World-Class Organizations,” Journal for Quality and Participation, September/October 1999.

## AUTHORED COURSES

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“JMP Software: Introduction to the JMP Scripting Language” co-author, SAS Institute.

“JMP Software: Identifying and Modeling Process Cycles using JMP,” (Time Series Analysis) co-author, SAS Institute.

“JMP Software: Statistical Quality Control” author, SAS Institute.