Philip M. Johnson

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**Professional Preparation**

Ph.D. in Computer Science, University of Massachusetts. 1990
M.S. in Computer Science, University of Massachusetts. 1985
B.S. in Biology, University of Michigan. 1980
B.S. in Computer Science, University of Michigan. 1980

**Appointments**

*Professor*, Information and Computer Sciences, University of Hawaii. 2001—present
*Associate Professor*, Information and Computer Sciences, University of Hawaii. 1995—2001
*Senior Research Fellow*, Distributed Systems Technology Centre, University of Queensland, Australia, 1997.
*Assistant Professor*, Information and Computer Sciences, University of Hawaii. 1990—1995

**Publications: Closely Related**

P. M. Johnson and C. A. Moore and J. A. Dane and R. S. Brewer, *Empirically Guided Software Effort Guesstimation*. IEEE Software, Vol. 17, No. 6, December 2000.

P. M. Johnson and A. M. Disney, *A Critical Analysis of PSP Data Quality: Results from a Case Study*. Journal of Empirical Software Engineering, Volume 4, December, 1999.

P. M. Johnson, *Reengineering Inspection*. In Communications of the ACM, Volume 41, No. 2, February, 1998.

P. M. Johnson and D. Tjahjono, *Does Every Inspection Really Need A Meeting?*, In Journal of Empirical Software Engineering, Volume 4, No. 1, January 1998.

A. A. Porter and P. M. Johnson, *Assessing Software Review Meetings: Results of a Comparative Analysis of Two Experimental Studies*. In IEEE Transactions on Software Engineering, vol. 23, no. 3, March 1997.

**Publications: Other Significant**

P. M. Johnson, M. L. Moffett, and B. T. Pentland, *Lessons Learned from VCommerce: A virtual environment for interdisciplinary learning about software entrepreneurship*, To appear in Communications of the ACM, 2002.

P. M. Johnson, *Leap: A "Personal Information Environment" for Software Engineers*. In Proceedings of the 1999 International Conference on Software Engineering, Los Angeles, CA., May 1999.

P. M. Johnson and A. M. Disney, *The Personal Software Process: A Cautionary Case Study*. In IEEE Software, Volume 15, No. 6, November, 1998.

P. M. Johnson, *Design for Instrumentation: High Quality Measurement of Formal Technical Review*. Software Quality Journal, Volume 5, March, 1996.

P. M. Johnson, *An Instrumented Approach to Improving Software Quality through Formal Technical Review*. In Software Inspection: An Industry Best Practice. David A. Wheeler, Bill Brykczynski, and Reginald N. Meeson, Jr., Editors. IEEE Computer Society Press. 1996
Also appearing in the Proceedings of the 16th International Conference on Software Engineering, Sorrento, Italy. 1994.

**Synergistic Activities**

*Editorial Board*, IEEE Transactions on Software Engineering, 2000-present.
*Program Chair*, International Software Engineering Research Network Annual Meeting, 2000.
*Chair*, Hawaii Java Users Group, 1996-present
*Advisory Board Member*, International Journal of Computer Supported Cooperative Work
*Program Committees*:
 International Symposium on Empirical Software Engineering, 2002.
 European Conference on Computer Supported Cooperative Work, 1999.
 European Conference on Computer Supported Cooperative Work, 1997.
 Software Architectures for Cooperative Systems Workshop, 1994
 CSCW Tools and Technologies Workshop, 1993
 CSCW Tools and Technologies Workshop, 1992

**Collaborators**

Simon Kaplan, University of Queensland
Ken King, Digital Equipment Corp.
Adam Porter, University of Maryland
Allen Sampson, Tektronix, Inc.
Joe Van Ryzin, Makai Ocean Engineering, Inc.

**Thesis Advisor and Postgraduate-Scholar Sponsor**

Carleton Moore, Orincon, Inc.
Danu Tjahjono, Aloha Networks, Inc.
Dadong Wan, Accenture, Inc.
Robert Brewer, LavaNet, Inc.
Mette Moffett, hotU, Inc.
Monir Hodges, Honolulu Community College.
*Total graduate students advised:* 23

**Graduate and Postdoctoral Advisors**

Jack Wileden, University of Massachusetts
Victor Lesser, University of Massachusetts
Wendy Lehnert, University of Massachusetts
David Stemple, University of Massachusetts
Daniel Corkill, Blackboard Technology Group