Michael Stob

Dean for Academic Administration and Professor of Mathematics emeritus, Calvin College
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Experience

Dean for Academic Administration — *Calvin College*, 2014-2018

Administered the assessment program for the academic division of the college, worked with departments to develop effective assessment plans, assisted the assessment committee in evaluating these plans, analyzed results from all-college assessment activities. Administered all programs for faculty development of teaching. Constructed the budget for the academic division. (Director of Assessment from 2003-2005 and 2007-2009. Dean for Institutional Effectiveness 2009-2014.)

Assistant, Associate, and Full Professor of Mathematics — *Calvin College*, 1979-2018

Taught 34 different courses in mathematics and computer science, served on major committees such as Priorities, Graduate Studies and Faculty Research, did research in mathematical logic

Visiting Professor of Mathematics — *University of Notre Dame*, 2005-2006

Dean for the Contextual Disciplines and for Natural Science and Mathematics — *Calvin College*, 1998-2004

Served as chief administrative officer for twelve departments; managed hiring, evaluation and development of faculty, provided leadership to department chairs in areas such as budgeting and planning, aided in grant proposal development including submission of several major divisional proposals, revised the faculty handbook, served on NCA self-study steering committee

Visiting Professor of Mathematics — *University of Notre Dame*, 1997-1998

Chair, Department of Mathematics and Computer Science — *Calvin College*, 1994-1997

Chair, Division of Natural Sciences and Mathematics — *Calvin College*, 1992-1994

Sherman Fairchild Fellow — *Massachusetts Institute of Technology*, 1988-1989

Visiting Associate Professor of Mathematics — *University of Wisconsin*, 1983-1984

CLE Moore Instructor in Mathematics — *Massachusetts Institute of Technology*, 1979-1981

Education

University of Chicago, Chicago Illinois Field: Mathematical Logic, Thesis Advisor: Robert I. Soare Danforth Fellow	Ph.D. 1979 M.S. 1975
Calvin College, Grand Rapids, Michigan Major: Mathematics	B.S. 1974

Publications

Thirty-nine refereed papers and one book in the fields of mathematical logic, theoretical computer science, cognitive science and statistics. Five representative publications:

Computable Boolean Algebras, J. Symbolic Logic **65** (2000) 1605-1623. (with Julia Knight)

Splitting theorems in recursion theory, Annals of Pure and Applied Logic **65** (1993) 1-106 (with R. Downey)

Default Probabilities, Cognitive Science **15** (1991) 251-270 (with D. Osherson, E. Smith and O. Wilkie)

"Systems that Learn," MIT Press, Cambridge, 1986. (with D. Osherson and S. Weinstein)

wtt-degrees and T-degrees of r.e. sets, J. Symbolic Logic **48** (1983) 921-930.

Higher Learning Commission Activities

Member of Institutional Actions Council, Peer reviewer (sixteen visits since 2007) including team chair (seven visits), QI proposal and report reviewer. ALO and Assurance Coordinator, Calvin College. Participated in Pathways Pioneer Project.

Professional Interests

Assessment of student learning, retention, personnel budget management for academic divisions, data-driven decision making for program resource allocation. Statistics education.

Member - American Mathematical Society, Mathematical Association of America, Association for Christians in the Mathematical Sciences (past President)

Referee, Reviewer - National Science Foundation Program in Foundations and Mathematics Committee of Visitors, American Mathematical Society (Transactions and Proceedings), American Mathematical Monthly, Journal of the American Statistical Society, INFOR, Information and Computation, Management Science, Journal of Mathematical Economics, Annals of Pure and Applied Logic, Journal of Symbolic Logic, Notre Dame Journal of Formal Logic, Mathematical Reviews, Reader for AP Statistics