Minutes
Mathematical Sciences Faculty Meeting
March 3, 2010

Present: Booton, Goldwyn, Hoffman, Kalies, Klingler, Lin, Locke, Long, Magliveras, Meyerowitz, Milman, Mullin, Naudot, Niederhausen, Popova, Qian, Schmidmeier, Schonbek, Steinwandt, Viola-Prioli, Wang, Yiu, Zhang.

Lee Klingler passed around a resume for Kasia Winkowska-Nowak. He said there is almost no money for adjuncts.

Bill Kalies proposed changing some of our graduate courses. We can't keep offering a degree program with mostly topics course numbers. The M.S.T. courses Dynamical Systems, Chaos, and Computing; Fractal Geometry; and Mathematics and Technology replace Fractals in the Classroom and Teaching Geometry and Algebra. The new courses do not have "Classroom" or "Teaching" in them to avoid an MAE course number, which some institutions would not count as a graduate mathematics course. The faculty voted to approve these three new courses.

Bill said there is good reason to change our graduate course listings in the catalog. A prospective graduate student might not realize that some courses are offered under special topics numbers. He has written syllabi for Ordinary Differential Equations (MAP 6336) and Partial Differential Equations. The faculty voted to approve them.

Fred Hoffman maintained we need an ODE course at the undergraduate level for math majors. Tomas Schonbek offered to convene the undergraduate committee and put together a syllabus for such a course.

Biostatistics General Linear Models (STA 5195 or 6196) and Biostatistics Longitudinal Data Analysis (STA 6197) are the new names for Biostatistics 1 and 2. The faculty approved the biostatistics courses and Applied Time Series Analysis (STA 6857). Enumerative Combinatorics, Introduction to Functional Analysis, Graph Theory, and Algebraic Topology were also approved.