

FACULTY EVALUATION CRITIQUE 2010
 Department of Mathematics and Science Education
 James W. Wilson

	Instruction	Research	Service	Administration
Budgeted EFT for 2010	0.375	0.375	0	0
Proposed EFT for 2011-2012 academic year	0.375	0.375	0	0

INSTRUCTION: Dr. Wilson taught 5 courses, including a Mathematics Department course, and supervised a number of independent research and directed reading enrollments for graduate students in 2010. Dr. Wilson updated web pages and problem sets for all courses. No course evaluation data were reported, but student comments suggest that they find Dr. Wilson's courses challenging but useful in their teaching careers. Dr. Wilson advised 2 undergraduate students, 12 master's degree students, served as major professor for 9 PhD students, and served on the committees of a number of other doctoral students. Dr. Wilson exceeds the department's expectations for instruction.

RESEARCH: Dr. Wilson served as one of three principal investigators for the \$10 million Center for Proficiency in Teaching Mathematics and as a co-PI on an NSF grant with Pennsylvania State University to develop 50 Mathematical Situations to describe Mathematical Knowledge for Teaching from the perspective of classroom practices. He has been actively involved in mentoring doctoral students who are working on various aspects of these two projects. Dr. Wilson helped organize a conference related to the Situations project and gave a presentation during the conference. He also gave a keynote address at the Research Council on Mathematics Learning. In addition, he gave a presentation to the local Kiwanis club recounting his experiences during a trip to Yemen where he conducted a week long workshop with mathematicians there to help them meet a new government mandate for teaching problem solving, which is Dr. Wilson's primary area of scholarly expertise. Dr. Wilson has added approximately a dozen new investigations to his web site, which is used widely by mathematicians, mathematics educators, and classroom teachers worldwide. He also participated in a roundtable on "The Brain on Music" sponsored by the Willson Center for Humanities. Dr. Wilson's performance in research meets departmental expectations.

SERVICE: All faculty members are expected to provide service to the department, college, university, and profession. Dr. Wilson served on the Advisory Board for the Educational Policy and Evaluation Center in the College. He is affiliated with the Learning Performance and Support Laboratory. Dr. Wilson also chaired the McCay Award selection committee in the Department of Mathematics. He serves as an external evaluator for a project at the University of Texas-San Marcos. Dr. Wilson's service activities meet departmental expectations.

Signed: Denise A Spangler 3-27-11
 Department Head Date

Signed: James W. Wilson 29 Mar 11
 Faculty Member Date