

May 18, 2013

Joe Krajcik
Department of Teacher Education
Michigan State University
115 Erickson Hall
East Lansing, MI 48824

Joe,

I had read the standards last week before I endorsed them. I just send another support letter to the State Board. It is an impressive document and will set Michigan on the right course.

I am willing to give grades of "A" for Accuracy, Rigor, Coherence, and in particular College Readiness. Since I am a tough grader, I am only giving a "B+" for Clarity and Specificity, where at some places I had wished that ideas were fleshed out in more detail. I am not sufficiently familiar with the Framework for K-12 Science Education to assign a grade.

Best regards
Wolfgang

--

Dr. Wolfgang Bauer

University Distinguished Professor
Michigan State University
Department of Physics and Astronomy
567 Wilson Road, Room 4208
East Lansing, MI 48824, USA
[517-884-5516](tel:517-884-5516) (office)

Senior Consultant
Office of the EVP for Administrative Services
Michigan State University
Hannah Administration Building
426 Auditorium Road, Room 412
East Lansing, MI 48824
[517-432-4762](tel:517-432-4762) (office)
[517-353-6772](tel:517-353-6772) (fax)

Wolfgang Bauer is a University Distinguished Professor in the Department of Physics and Astronomy at Michigan State University. He is also an author of the introductory calculus-based physics textbook "University Physics", published by McGraw-Hill in 2010. He has taught physics and astronomy classes on the undergraduate and graduate level since 1988. He is particularly interested in the introductory physics curriculum for engineering and science majors.

Professor Bauer obtained his Ph.D. in theoretical nuclear physics from the University of Giessen in 1987. After a post-doctoral fellowship at the California Institute of Technology, he joined the faculty at Michigan State University in 1988. He has worked on a large variety of topics in computational physics, from high-temperature superconductivity to supernova explosions, but has been especially interested in relativistic nuclear collisions.

Professor Bauer was awarded the National Science Foundation Presidential Faculty Fellow Award in 1992 and the Alexander-von-Humboldt Foundation Distinguished Senior U.S. Scientist Award (Humboldt-Forschungspreis für Naturwissenschaftler aus den USA, Humboldt Prize) in 1999. He was elected Fellow of the American Physical Society in 2003. Also in 2003, Professor Bauer received the Computer World 21st Century Achievement Award for Education and Academia for his work on LON-CAPA, "Judged best IT application in the world in Education and Academia". In 2007 he was named University Distinguished Professor at Michigan State University.