

Instructional Faculty

(Use this form for Initial Program Approval as well as Periodic Review/Program Evaluation)

Institution: University of Detroit Mercy
Specialty Studies Program: Chemistry (DC)

Date: May 12, 2005
Certification/Endorsement CODE: DC

Please include all faculty teaching the courses shown on Form XX.

Courses	Faculty Member	Highest Degree Related to this Specialty Program (indicate study focus and research area)	Professional Development Experience in the Last 3 Years	Familiarity with K-12 Curriculum Framework and MEAP Assessment	Special Awards and Recognition	P-12 Collaborative Work
CHM 107 CHM 110 CHM 429	Benvenuto, Mark A.	Ph.D., Inorganic Chemistry	Secretary Treasurer, Michigan College Chemistry Teachers Association (2004). Attended both National American Chemical Society meetings in each year.	Participated in a department workshop about <i>MCF</i> , MEAP Assessment, and relationship with SDE Chemistry standards conducted by E. Lea Schelke, PR/PE Coordinator, in 2004 . MDE PR/PE Panelist for Chemistry Program Reviews Spring 2004 . Served as reviewer, 2004.	UDM Science Teacher of the Year 2005, 2004. 2005 University of Detroit Mercy College of Engineering and Science Cornerstone Award. Michigan Science Teachers Association, Science Teacher of the Year, college division, 2003. Detroit Section, American Chemical Society, Distinguished Service Award, 2003.	Work with 2 high school teachers and 2 elementary teachers. University of Detroit Mercy student groups perform science experiments in classes, after having safety and preparation classes at the University.
CHM 472 CHM 474	Caspers, Mary Lou	Ph.D., Biochemistry	Attendance at National Meetings: 17 th Biennial Conference on Chemical Education, 2002 Bellingham, WA ASBMB, 2002, New Orleans Experimental Biology, 2003, San	Participated in a department workshop about <i>MCF</i> , MEAP Assessment, and relationship with SDE Chemistry standards conducted by E. Lea Schelke, PR/PE Coordinator, in 2004 .	2001 University of Detroit Mercy Distinguished Faculty Award. 2002 University of Detroit Mercy Magis Award. 2003 Faculty for Undergraduate	2002 taught 2 classes of junior high school students regarding protein structure and function.

	Caspers, Mary Lou (cont.)		Diego Experimental Biology. Attendance at local meetings MI College Chemistry Teachers Association 2003,2004 Detroit. Society for Neuroscience 2002-2004.		Neuroscience Award of Appreciation. 2004 University of Detroit Mercy College of Engineering and Science Cornerstone Award. 2004 Faculty for Undergraduate Neuroscience Educator of the Year.	
CHM 111 CHM 387	Katherine Lanigan	Ph.D., Physical Chemistry	Attended Michigan College Chemistry Teachers Association (2002,2003,2004). Attended Detroit Section Meeting of American Chemical Society (ACS) (2003,2004,2005). Attended Regional ACS Meetings (2002,2003,2004).	Participated in a department workshop about <i>MCF</i> , MEAP Assessment, and relationship with SDE Chemistry standards conducted by E. Lea Schelke, PR/PE Coordinator, in 2004 .	None.	DAPCEP (Detroit Area Pre-College Engineering Program) Instructor for 8 th graders (2003,2004,2005). STEPS (Summer Technology Engineering Preview Camp) Instructor for high school girls (2003,2004). Sundaes and Science Program 2003.
CHM 103 CHM 227 CHM 228 CHM 229 CHM 230	Matthew J. Mio	Ph.D., Organic Chemistry	President, Michigan College Chemistry Teachers Association (2004). Member of Michigan Science Teachers Association (MSTA). Attended Detroit Section Meeting of the American Chemical Society (2004 & 2005).	Participated in a department workshop about <i>MCF</i> , MEAP Assessment, and relationship with SDE Chemistry standards conducted by E. Lea Schelke, PR/PE Coordinator, in 2004 . Have visited website.	University of Detroit Mercy Engineering and Science Arthur Haman Service Award.	Performed chemical demonstration to visiting grade and high school students. Presenter at Detroit Area PreCollege and Engineering Chemical World for 8 th graders.

CHM 470 CHM 471	Elizabeth S. Roberts-Kirchhoff	Ph.D., Biological Chemistry Cytochrome P450 Natural Products	Attendance at National Meetings: 17 th Biennial Conference on Chemical Education, 2002 Bellingham, WA ASBMB, 2002, New Orleans Experimental Biology, 2003, San Diego Experimental Biology 2004, Washington D.C. Attendance at local meetings MI College Chemistry Teachers Association 2003, Detroit.	Participated in a department workshop about <i>MCF</i> , MEAP Assessment, and relationship with SDE Chemistry standards conducted by E. Lea Schelke, PR/PE Coordinator, in 2004. Member NSTA and subscribe to <i>The Science Teacher</i> (grades 9-12). Have read through the “Michigan Content Standards and Benchmarks”.	2005 University of Detroit Mercy Magis Award. Faculty Achievement Award, 2002. ASBMB Travel Award.	As an Oakland county member of Edumentor; Hands-on-activities at Pontiac Central High School and Waterford Middle School Workshop presenter at Explorathon and Sundaes and Science: A Mother Daughter Night Out. Presenter at Detroit Area PreCollege and Engineering Chemical World for 8 th graders, Organizer/Presenter for Girl Scout Merit Badge Workshop.
CHM 333 CHM 334	Schlick, Shulamith	D.Sc., Physical Chemistry		Participated in a department workshop about <i>MCF</i> , MEAP Assessment, and relationship with SDE Chemistry standards conducted by E. Lea Schelke, PR/PE Coordinator, in 2004.		None.
CHM 108 CHM 341 CHM 342	Jonathon Stevens	Ph.D., Physical Chemistry		Participated in a department workshop about <i>MCF</i> , MEAP Assessment, and relationship with SDE Chemistry standards conducted by E. Lea Schelke, PR/PE Coordinator, in 2004.	None.	Advisor for DAPCEP (Detroit Area Pre-College Engineering Program)