Dr. Harold "Hal" White, Professor of Chemistry and Biochemistry and Director of the Howard Hughes Medical Institute Undergraduate Science Education Program at the University of Delaware, will give the 2012 Faculty Lecture of the University of Delaware Library Associates on the topic "Dragons and Damsels of Delmarva."

Dr. White is widely known throughout Delaware and the Mid-Atlantic Region as an expert on the dragonflies of the northeastern United States. He will speak about his book, *Natural History of Delmarva Dragonflies and Damselflies: Essays of a Lifelong Observer* which was published in 2011 by the University of Delaware Press. The book provides the first comprehensive coverage of the dragonflies and damselflies of the Delmarva Peninsula and includes colored photographs of all 129 species known to occur in the region.

Dr. White received a B.S. in Biochemistry from Penn State University and a Ph.D. in Biochemistry from Brandeis University. He joined the Department of Chemistry and Biochemistry at the University of Delaware in 1971 after a postdoctoral research fellowship in Chemistry at Harvard University. Between 1977 and 1981, he was the recipient of an NIH (National Institutes of Health) Research Career Development Award.

His research interests have been in the structure, function and evolution of vitamin-binding proteins, particularly riboflavin-binding protein from chicken eggs. He also has strong interests in intermediary metabolism and biochemical evolution. He was one of the early advocates of RNA (ribonucleic acid) enzymes. Since the mid 1990's, his interests have focused on undergraduate education. Between 1994 and 1998, he served as Principal Investigator on the first NSF/DUE (National Science Foundation/Division of Undergraduate Education) grant on Problem-Based Learning (PBL) awarded to the University of Delaware and has been involved with subsequent NSF, FIPSE, and Pew Charitable Trusts grants for Problem Based Learning. He is a member of the Education and Professional Development Committee of the American Society for Biochemistry and Molecular Biology and of the Institute for Transforming Undergraduate Education. He has conducted numerous Problem Based Learning workshops throughout the United States. He serves as an associate editor for *Biochemistry and Molecular Biology Education* where he writes commentaries on Problem Based Learning. His recent publications relating to Problem Based Learning deal with the use of the research literature for problems, preparation of peer tutor-facilitators, faculty development and capstone courses.

Dr. White received the College of Arts and Sciences Outstanding Teaching Award in 2005 and its Outstanding Service Award in 2007. Recently he received the 2011 Howard Barrows Award for exceptional undergraduate teaching from McMaster University in Hamilton, Ontario.

About Dr. Hal White

continued on back