

## SCHEDULE B



THE  
JAMES SCHRECK CHEMISTRY  
SCHOLARSHIP  
*for*  
Chemistry Students  
*in the*  
College of Natural and Health Sciences  
University of Northern Colorado

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James Schreck grew up in Houston, Texas, and received his Ph.D. in organic chemistry from Texas A&M University. After post-doctoral studies at Georgia Institute of Technology and Louisiana State University, he joined the faculty at UNC in 1966. During his 40+ years as a chemistry professor, he taught organic chemistry, a nursing-majors course and a liberal-arts chemistry course for non-science majors.

Professor Schreck published two chemistry textbooks, *Organic Chemistry: Concepts and Applications* and *General, Organic and Biological Chemistry: Chemistry of the Living System*. He designed, developed and implemented over 40 conceptual demonstrations to enrich his liberal-arts chemistry course. He worked with undergraduate and graduate students on research projects and published articles in the *Journal of Organic Chemistry*, the *Journal of Chemical Education* and the *Journal of College Science Teaching*. He served as Science Program Coordinator for UNC's Summer Enrichment Program for Talented and Gifted Students, and developed and taught the chemistry component for high-ability students for four years. He was Field Center Director for UNC's Institute of Chemical Education (ICE) and directed, over a ten-year period, several national NSF-funded workshops for secondary school teachers and later for middle- and junior-high school science teachers. He edited and published *The Chemistry Companion for Middle School Science Teachers*, an outgrowth of the Chemical Fundamentals workshops within the ICE program. He served as co-editor of the *Chemistry-on-Stamps* series and editor of the *Filtrates and Residues* monthly column of the *Journal of Chemical Education* and he directed three Eisenhower-funded workshops for elementary teachers from rural and western-slope Colorado. He co-edited *SourceBook*, a nationally-distributed resource for novice high school teachers that supports their chemistry teaching through laboratory activities, classroom strategies, and demonstrations. Professor Schreck received the Chemical Manufacturing Associations' National Catalyst Award for Excellence in Chemistry Teaching.

Professor Schreck has been actively involved in the American Chemical Society at both the local and national levels and has served the Colorado ACS Local Section as Section Treasurer, Section Awards Chair, High School Awards Chair, Alternate Councilor and Councilor. For six years, he edited and distributed a Section-supported newsletter, *ChemiCo News*, to all Colorado high school chemistry teachers. For all these contributions, he received the Colorado Section's Service Award. As an ACS Councilor, Schreck was active in national governance through the Membership Affairs Committee and the Divisional Activities Committee. He also served on the Editorial Board of the ACS's on-line magazine, *Chemistry*.

He provided leadership to UNC's Department (now School) of Chemistry and Biochemistry, the College of Natural and Health Sciences, and to the University in various ways. He was Department Chair, and served on the College's Policies and Procedures Committee, its Awards Committee, and UNC's Board of Athletic Control. He was designated as a Banner Bearer, Faculty Marshall and Mace Bearer at UNC graduation ceremonies. For his generous contributions to the College, he earned its Excellence in Service Award. Professor Schreck served as Faculty Advisor for Sigma Phi Epsilon Fraternity, was recognized by Mortar Board on six occasions, and served as an Honorary Football Coach. He was a consultant for the National Board of Chiropractic Examiners.

One of Professor Schreck's former students, now a medical doctor, remembers: "Organic chemistry with James Schreck—he could teach organic chemistry to a kindergartner." To honor Jim's dedication to his field and to the students he taught, the James Schreck Chemistry Scholarship was established by Jim's friends, colleagues and former students.

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The James Schreck Chemistry Scholarship is awarded to students in the Department of Chemistry and Biochemistry.

The University of Northern Colorado Foundation is pleased to recognize the generosity of friends, colleagues and former students of Jim Schreck, who provided the gifts to create this permanent fund to perpetuate excellence in College of Natural and Health Sciences.

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