

CHARLES E. WARREN, 1962-2005

Professor Charles E. Warren, a truly outstanding faculty member and rising star at the University of New Hampshire died in a paragliding accident July 30, 2005, leaving a vacuum that no one will fill in the same manner. Charles had a major impact and lasting impression on all people at UNH during his short tenure. Such was the case with his many friends and colleagues around the world. Professor Vern Reinhold, Director, UNH Glycomics Center, recognizing Charles' scientific prowess, took the lead in bringing Charles to UNH. During Charles' tenure at UNH, he quickly gained wide peer acceptance and his scientific growth flourished. It was evident to all that Charles would become an outstanding and top ranked scientist and member of the faculty.

Charles was born September 17, 1962 in Guildford, United Kingdom; he was son of Joan (Staples) Warren and the late Charles Peter Warren. He was educated at the University of Oxford, where he received his D. Phil. In 1989 under the tutelage of Raymond Dwek, a most eminent early leader in glycobiology. His thesis was entitled "Glycosylation in Mice and Rats." After graduation he helped establish the first commercially focused effort in Glycotechnology: Oxford Glycosystems, LTD. He subsequently moved to Toronto to broaden his glycotransferase interest and spent his postdoctoral time with Dr. Harry Schachter (Hospital for Sick Children Research Institute, Toronto), and two years later across the street with Dr. Jim Dennis (Samuel Lunenfeld Research Institute, Toronto). Charles moved to the University of New Hampshire in 2002 as an Assistant Professor in the Department of Biochemistry and Molecular Biology. He resided in Newmarket, New Hampshire on the Lamprey River. He was recently nominated for a named Professorship, this University-wide award, the 'Class of 1944 Award,' recognizes outstanding faculty members. Charles had a natural gift for consensus building, was an industrious scientist and a charming personality, both founded on a superb intellect. A short time with him and it was obvious that Charles was someone who truly loved life and the work he was doing. Charles Warren was first and foremost a topnotch experimental biologist/geneticist whose investigative research was marked by innovation and thoroughness. In these research efforts, he was an inspiring mentor for first graduate and undergraduate students conducting research on the structure-function relationships of glycosylation. These specific efforts focused on evolution, animal development and human diseases, *C. elegans* a eukaryote of scientific interest, was used as his model organism. An obvious concern that Charles spoke of frequently were the superlatives creeping into scientific publications coupled with the omissions of complications and critical details needed for follow-on studies. He advocated and promoted structural detail and would have enjoyed Professor Packer's more recent editorial "There Are No Facts, Only Interpretations," (2006). With that in mind, we now honor Charles' attention to detail and absence of inferential reasoning with International Workshops on glycomic studies. On these efforts, Charles would be humbled, but most proud of the labors invested in past efforts for the CWW III-VI led by Nicklas Karlsson, Mike Tiemeyer, Rob Woods, and this wonderful program set by Kiyoko Aoki-Kinoshita and her team.

Vern Reinhold. UNH