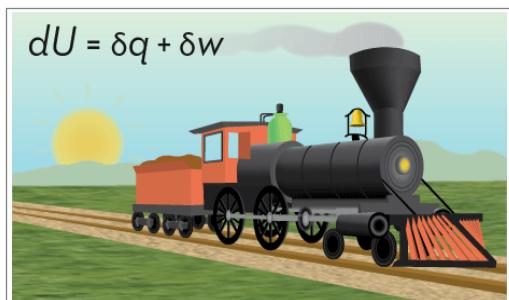


APRIL 02, 2014

Statement of Accomplishment

GIRIJA SHANKER TIWARI

HAS SUCCESSFULLY COMPLETED THE UNIVERSITY OF MINNESOTA'S ONLINE OFFERING OF



Statistical Molecular Thermodynamics

This introductory physical chemistry course examined, using statistical mechanics, the connections between molecular properties and the behavior of macroscopic chemical systems.

A handwritten signature in black ink, appearing to read "CHRISTOPHER J. CRAMER".

PROFESSOR CHRISTOPHER J. CRAMER, PH.D.
DEPARTMENT OF CHEMISTRY
UNIVERSITY OF MINNESOTA

THE ONLINE OFFERING OF THIS CLASS DOES NOT REFLECT THE ENTIRE CURRICULUM OFFERED TO STUDENTS ENROLLED AT THE UNIVERSITY OF MINNESOTA. THIS STATEMENT DOES NOT AFFIRM THAT THIS STUDENT WAS ENROLLED AS A STUDENT AT THE UNIVERSITY OF MINNESOTA IN ANY WAY. IT DOES NOT CONFER A UNIVERSITY OF MINNESOTA GRADE; IT DOES NOT CONFER UNIVERSITY OF MINNESOTA CREDIT; IT DOES NOT CONFER A UNIVERSITY OF MINNESOTA DEGREE; AND IT DOES NOT VERIFY THE IDENTITY OF THE STUDENT.