



Department News

William Hay Railroad Engineering Collection dedicated at Grainger

By Rick Kubetz

In January 2001, the University of Illinois at Urbana-Champaign received a unique gift collection from the Transportation Technology Center Inc. (TTCI), a subsidiary of the Association of American Railroads (AAR) and the Federal Railroad Administration (FRA). The collection contains more than 5,500 technical reports, books, and journal issues in the areas of railroad engineering, technology, and history that were originally part of several AAR technical libraries, and approximately 1,500 items originally owned by the FRA.

TTCI is an internationally renowned railroad engineering research facility based in Pueblo, Colo., that supports and conducts research with U of I. Its gift is now part of the William W. Hay Railway Engineering Collection, of-

icially dedicated September 29 at the Grainger Engineering Library Information Center.

"Combining these resources will make this, in fact, the nation's railroad engineering library," said Don Plotkin (MS 77), one of Hay's former students and an FRA engineer.

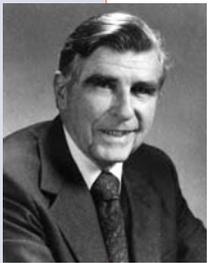
The William W. Hay Railroad Engineering web site, <http://g118.grainger.uiuc.edu/whay/>, provides access to a wealth of railroad engineering materials. The Grainger Engineering Library also is the designated repository for the American Railway Engineering and Maintenance of Way Association.

An esteemed educator and railroader, William Hay was the academic leader in railroad engineering for more than a quarter century. He served on the U of I faculty from 1947 until his retirement in 1978. He died in 1998. He is credited



A painting featuring the Pennsylvania Railroad, which once hung in the Hay family home, will now reside in the Grainger Library, courtesy of Hay's children, Mary Elisabeth Hay and Dr. William Hay Jr.

with maintaining the railroad in its vital place in the world's economy, and bringing distinction to himself, his students and the institutions he served. **I**



William W. Hay

Professor Sam Carpenter retires after 30 years in transportation group

Professor Samuel H. Carpenter retired this summer, after a 30-year career with the department. He was the transportation area's most senior faculty member and the first Paul Fraser Kent Faculty Fellow.

Carpenter has taught graduate and undergraduate courses in pavement rehabilitation, pavement management, pavement design, and bituminous materials and mix design. He is recognized for his research and teaching contributions in hot mix asphalt healing and in the development of flexible pavement endurance limits. Carpenter was instrumental in help-

ing establish the Illinois Center for Transportation (ICT), a research center headquartered in CEE and funded by the Illinois Department of Transportation that opened in September 2005.

Since he joined the department in 1976, Carpenter witnessed many changes, while the quality of the department has remained high.

"The production of and achievement of education over the years has changed



dramatically," he says. "This is true for the CEE faculty, as well as for the students. I have been amazed at the resiliency of both parties in continually adjusting to the outside pressures of change to continue the premiere ranking of the CEE program over the past 30 years. This program has continually produced the finest CEE graduates, both graduate and undergraduate, and I see nothing that would change that ability or the outcome."

Carpenter will remain active in the department and with ICT, conducting research and working with graduate students, he says. **I**