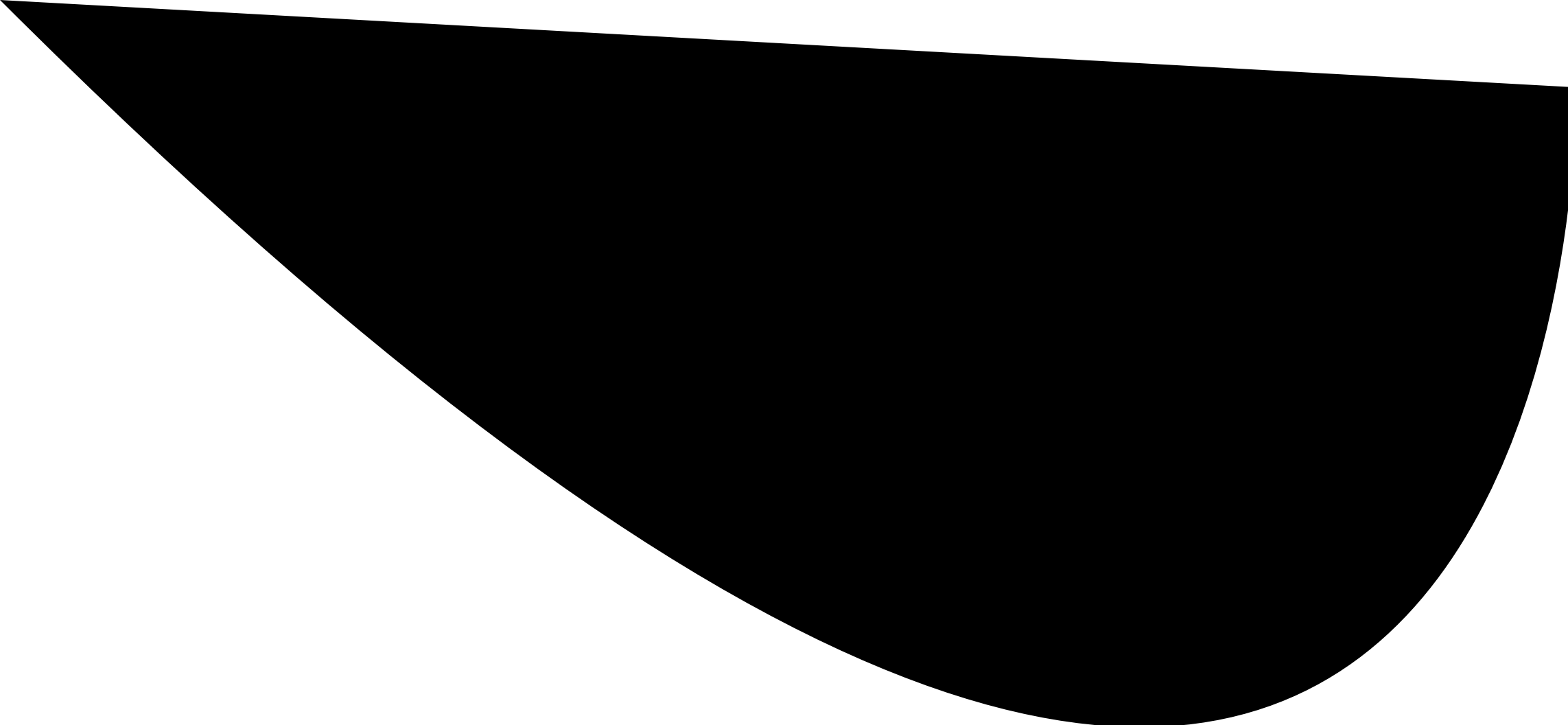


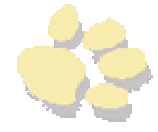
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Jim Worrell (BSCE, 1963) – After retiring as a rigging engine



HAVE YOU HE



Dr. Roger K. Seals Retires

Dr. Roger K. Seals, Irma-Louise Rush Stewart Professor of Civil and Environmental Engineering, ends a very satisfying 41-year

Dr. Roger K. Seals, Irma-Louise Rush Stewart Professor of Civil and Environmental Engineering, ends a very satisfying 41-year career as a professional educator with his official retirement from LSU on August 1, 2005. In fact, following the award of his BS degree at the University of Florida in 1961, he started his academic career even earlier as a teaching assistant and Ford Foundation Scholar during his graduate school years at the University of Florida (M.S.E., 1963) and North Carolina State University (Ph.D., 1967). For 15 years beginning in 1965, he worked his way through the ranks at West Virginia University, becoming Professor and Coordinator of the Soils/Materials Group in the Department of Civil Engineering. While there, he received Outstanding Teaching Awards from the Department, University and WVU Foundation. In 1980, he was hired as Department Chair of Civil Engineering by Louisiana State University, primarily to assist faculty in enhancing their research efforts. With his guidance, but largely due to the efforts of the faculty during his tenure as chairman, the Department experienced a major expansion of its research and graduate programs. Then, he spent his latter years encouraging faculty to balance their research and teaching efforts.

Serving as Department Chair for nine years, he was most gratified by the major revision of the undergraduate curriculum to more accurately reflect the broader and more dynamic needs of the profession. He also fostered the continued growth of the environmental engineering component of the Department that eventually resulted in the name change to "*Civil and Environmental Engineering*" and establishment of a BS degree program in environmental engineering. He was instrumental in establishing the Frank J. Germano Design and Computation Center which provides a computational laboratory, technical support, a project design classroom and study space for use by undergraduate students. Also during his tenure as chairman, Dr. Seals chaired the College of Engineering Task Force on the Development of a Transportation Research Center (1984-85) which ultimately led to the establishment of the Louisiana Transportation Research Center. In collaboration with Dr. Elvin J. Dantin in 1982, Dr. Seals wrote the proposal that resulted in establishing the Environmental Protection Agency Hazardous Waste Research Center of Excellence at LSU.

Dr. Seals then served as the inaugural Director of the Institute for Recyclable Materials (IRM), sponsored by a major gift from the Freeport McMoRan Corporation of New Orleans. As Director of IRM from 1990 to 1998, he promoted and participated in research in such areas as recycling, waste management, the properties and behavior of recycled plastic lumber, and utilization of phosphogypsum as a construction material and for marine applications.

Dr. Seals continued to teach throughout his career, even as an administrator, and was named Teacher of the

HURRICANE KATRINA

The LSU Center for the Study of Public Health Impacts of Hurricanes (CSPHIH) (a Louisiana Board of Regents funded Center, 2001) has been conducting research more specifically tailored to the hurricane vulnerability of the greater New Orleans metro area. Hurricane Katrina struck New Orleans in the fourth year of this five year pilot study, but not before substantial progress had been made across many research areas which include the following: experimental storm surge modeling with the ADCIRC prediction model, evacuation studies, improved satellite and meteorological capabilities, New Orleans population surveys, research on wind damage to petrochemical structures, water and air contaminant modeling, public health aspects and animal evacuation, creation of a New Orleans GIS database, flood casualty modeling.

Evacuation Studies by Dr. Brian Wolshon

One very active research area in the department over the odel, 6nlsh3.98 0 465.60001 211.35791801.31978 Tm(i 12 a246.85614 Tm/TT1 1 Tf0.0009 Tc 0.029vdy, but no7a 0 1D 2.Crahafn)TjETEMC /Ped-120.182 Tm(research on3IlannBDC.