



ENGINEERING FOR
SCIENCE AND TECHNOLOGY FACILITIES
WALTER P MOORE

Services

Our primary services are: structural engineering, structural diagnostics, parking consulting, civil engineering, hydrology and hydraulics, transportation engineering, traffic engineering and research and development. Our engineers are experienced in secure design, sustainable design, Intelligent Transportation Systems (ITS), Building Information Modeling (BIM), CM-at-Risk and design/build.



U.A. WHITAKER BIOMEDICAL ENGINEERING BUILDING, GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GEORGIA
PHOTOGRAPH COURTESY HOK

Science and Technology Facilities

America's private and public sectors spend around \$100 billion annually looking for ways to prevent, treat and cure disease and other medical maladies.

Is There Enough Money in the World?

The US is today's world leader in biomedical research. So, it's hard to imagine that less than a century ago in the US and elsewhere most medical breakthroughs were the result of serendipitous discoveries. It's even harder to imagine that we are still behind the curve of what's known and what's needed. Whether this lag is because the field needs more funding or more scientists is a matter of debate. What is clear to us, however, is that our clients have to do more with what they have.

Genes, Research Teams and More

As engineers, we accept responsibility for ensuring that the research facilities we engineer work better, are sustainable and flexible in the face of change, and that they respond to the funding limitations that so often constrain.

Our work with leading hospitals and their academic institutions throughout the country has given us valuable insights. It has also led us to the labs of equally premier research institutions both public and private.

We have engineered new facilities on spacious new campuses, as well as on longstanding, high-density ones. We have adapted old hospitals and patient towers into modern laboratories. We have consolidated wet labs with clinical labs. And we've designed a vivarium to support a future research tower. Our pioneering use of BIM (Building Information Modeling) has led to coordination with mechanical, electrical and plumbing systems to control vibration and radiation forces. We've collaborated with multiple architects and with public-private partnerships. And always with the realization that we are helping to advance some of the critical work in the world.



STOWERS INSTITUTE FOR MEDICAL RESEARCH, KANSAS CITY, MISSOURI



SCRIPPS RESEARCH INSTITUTE, PALM BEACH COUNTY, FLORIDA

What We Do

Founded in 1931, Walter P Moore is headquartered in Houston, Texas, with more than 375 professionals in full-service offices from coast to coast.

Our structural, structural diagnostics, civil, traffic and transportation engineers and parking consultants help clients turn their ideas into reality, from healthcare, research and education facilities to corporate campuses, airports, sports stadiums, convention centers, entertainment centers and urban roadway systems and other infrastructure. Our clients are architects, corporations, institutions, developers, government agencies and contractors. If all of our work with them were put together, it would form a vibrant city with every functional and discretionary amenity, great mobility, superior disaster protection and a plan for the future.

A city that works because *our solutions work*.

WALTER P MOORE

ALBERT B. AND MARGARET M. ALKEK HOSPITAL AND CLINICAL SERVICES FACILITY
UNIVERSITY OF TEXAS SYSTEM/M.D. ANDERSON CANCER CENTER, HOUSTON, TEXAS

BATCHELOR CHILDREN'S CENTER
RESEARCH AND DIAGNOSTIC INSTITUTE, MIAMI, FLORIDA

BEN TAUB RESEARCH CENTER, BAYLOR COLLEGE OF MEDICINE, HOUSTON, TEXAS

CANCER PREVENTION BUILDING, CENTER FOR ADVANCED
BIOMEDICAL IMAGING AND RESEARCH, CENTER FOR TARGETED THERAPIES,
UNIVERSITY OF TEXAS SYSTEM/M.D. ANDERSON CANCER CENTER, HOUSTON, TEXAS

GEORGE R. BROWN HALL BIOSCIENCES AND BIOENGINEERING LABORATORY
RICE UNIVERSITY, HOUSTON, TEXAS

GEORGE AND CYNTHIA MITCHELL BASIC SCIENCE RESEARCH BUILDING
UNIVERSITY OF TEXAS SYSTEM/M.D. ANDERSON CANCER CENTER, HOUSTON, TEXAS

LOWRY AND PEGGY MAYS AMBULATORY CLINICAL FACILITY
UNIVERSITY OF TEXAS SYSTEM/M.D. ANDERSON CANCER CENTER, HOUSTON, TEXAS

MARGARET M. ALKEK BUILDING FOR BIOMEDICAL RESEARCH
BAYLOR COLLEGE OF MEDICINE, HOUSTON, TEXAS

MARINE BIOMEDICAL LABORATORY
UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON, GALVESTON, TEXAS

MICHAEL DEBAKEY CENTER FOR BIOMEDICAL EDUCATION AND RESEARCH, HOUSTON, TEXAS

NASA MEDICAL OPERATIONS WING AND RESEARCH LABORATORY AND NASA SPACE AND
LIFE SCIENCE BUILDING, LYNDON B. JOHNSON SPACE CENTER, HOUSTON, TEXAS

THE NEUROSENSORY CENTER FOR HOUSTON, THE METHODIST HOSPITAL, HOUSTON, TEXAS

PHYSICS AND CHEMISTRY BUILDING
UNIVERSITY OF TEXAS AT ARLINGTON, ARLINGTON, TEXAS

REPLACEMENT RESEARCH FACILITY
UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON, HOUSTON, TEXAS

RESEARCH FACILITIES EXPANSION
UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON, GALVESTON, TEXAS

SCRIPPS FLORIDA RESEARCH INSTITUTE, PALM BEACH COUNTY, FLORIDA

SOUTH CAMPUS RESEARCH BUILDINGS 1 AND 2
UNIVERSITY OF TEXAS SYSTEM/M.D. ANDERSON CANCER CENTER, HOUSTON, TEXAS

STOWERS INSTITUTE FOR MEDICAL RESEARCH, KANSAS CITY, MISSOURI

TEXAS CHILDREN'S HOSPITAL FEIGIN RESEARCH CENTER AND VERTICAL EXPANSIONS
HOUSTON, TEXAS

TEXAS CHILDREN'S HOSPITAL NEUROLOGICAL RESEARCH INSTITUTE, HOUSTON, TEXAS

U.A. WHITAKER BIOMEDICAL ENGINEERING BUILDING
GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GEORGIA

UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON RESEARCH PARK COMPLEX
HOUSTON, TEXAS

VINCENT A. STABILE RESEARCH BUILDING, UNIVERSITY OF SOUTH FLORIDA, TAMPA, FLORIDA

ON THE COVER

GEORGE AND CYNTHIA MITCHELL BASIC SCIENCE RESEARCH BUILDING,
M.D. ANDERSON CANCER CENTER, HOUSTON, TEXAS
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LAS VEGAS LOS ANGELES ORLANDO SAN FRANCISCO TAMPA TULSA