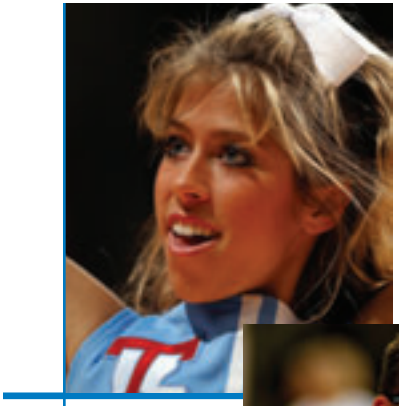
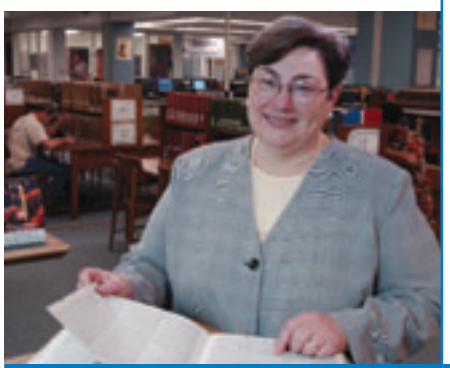
The Tech Report

2000-2001





The Tech Report

TABLE *of* CONTENTS

A Member of the University of Louisiana System

LOUISIANA *Tech* UNIVERSITY

President
Dr. Daniel D. Reneau

Vice President - Academic Affairs
Dr. Kenneth W. Rea

Vice President - University Advancement
Dr. O. Jean Hall

Vice President - Administrative Services
Jerry Drewett

Vice President - Financial Services and Comptroller
Joe Thomas

Vice President - Student Affairs
James M. King

Message from Louisiana Tech's 13th President

PRESIDENT'S *Message*

This year has been momentous. In a climate full of contradictions, change, and uncertainty, the future continues to stand for hope—hope for the world, for our country, and for our children.

Louisiana Tech University is dedicated to excellence in teaching, research, and service. Our faculty members bring rich, diverse scholarship and pedagogy to our campus. The depth of their talents is apparent in the distinctions achieved by our Eminent Scholars and Distinguished Professors and by our students and alumni.

Research and scholarly activities by individuals and key collaborative teams span a broad spectrum from rural e-commerce, nanotechnology, and biological control of kudzu to neutrons, science education, work-force development, and dramatic performance. Faculty and students, both undergraduate and graduate, are actively involved in rigorously exploring and expanding our understanding of our lives and endeavors.

The community of Louisiana Tech University continues to pursue excellence and to excel in the classroom, the laboratory, and the community. Tech is a panorama of people who choose to participate in a diverse, challenging, and changing world by contributing to the growth of knowledge, understanding, and cooperation on campus and beyond to the community, state, region, and nation.

We are shaping the future on a distinguished past and a shining present–the active building and renovation program, the significant growth in sponsored research activity, the quality of our student body and faculty, the dynamic campus environment, the thriving athletics program, and the impressive cadre of distinguished alumni.

Louisiana Tech University–where the future begins.

Developing Leaders for TOMORROW

Enrollment, Retention and Graduation

Tech has continued to experience growth in total enrollment with Fall 2001 enrollment reaching 10,708 students. This growth has contributed to the outstanding recruitment of new students to the campus, which led to first-time freshmen enrollment of 1,929 students in the Fall of 2001. Tech is focused not only on recruiting new students but also on retaining currently enrolled students. The Louisiana Board of Regents data show that, for the past three reporting periods, Louisiana Tech's retention rate has exceeded 80% following the year that the student was initially enrolled. This strong retention rate proves that Tech is meeting the needs of its students.

Tech continues to exceed the University of Louisiana System's trends in six-year graduation rates. In this past reporting period, Tech's graduation rate of 58.9% exceeded the University of Louisiana System's average by 24.5%. This trend shows that Tech remains committed to providing students with the resources needed to receive a quality education both in and out of the classroom. Tech continues to strive to provide the best possible education to its students in an effort to prepare them to be tomorrow's leaders.

Student Government Association

This past year, the Student Government Association continued its tradition of the Big Event, a community-wide service project where approximately 500 Tech students came together to help individuals in the Ruston community. SGA coordinates numerous activities on campus for students year round. Two of the largest events coordinated by SGA are Homecoming and Christmas in the Plaza. The officers for the Student Government Association were Ryan Kilpatrick (President), Ardian Shehu (Vice-President), Anne Spurlock (Secretary), and Mariam El-Baghdadi (Treasurer).

Student Organizations

Louisiana Tech University provides a variety of organizations to meet the diverse needs of our student population and to make Tech a truly special place. With over 160 different clubs and organizations to join, students can be assured of finding something of interest. Service, governing, professional, and religious/special interest groups, to name a few, exist both on and off campus to provide students with opportunities for growth and development outside of the classroom setting.

The Student Government Association offers students the opportunity to get involved in politics and government which provides necessary

Ryan Kilpatrick, President, SGA

experiences for possible future employment. Circle K is another such club giving students numerous chances to reach out to the community in service-oriented activities. The Student Mentors group offers a tremendous opportunity for personal growth and development.

From a professional perspective, Tech can be proud of what it offers to the students. For instance, there are a number of engineering organizations that provide professional affiliations to our students, such as the Biomedical Engineering Society, the Louisiana Tech Engineers' Association, and the Institute of Industrial Engineers. Other professional organizations include the Business Students Association, Accounting Society, Louisiana Association of Family and Consumer Sciences, the Tech 4-H Club, and the National Student Speech Language Hearing Association.

Special interest clubs meet those diverse needs of our students in a variety of ways. For example, the International Students Association and the Muslim Student Association bring a multinational perspective to the University. KLPI, our campus radio station, and the Union Board, our campus entertainment organization, are two other special organizations that allow students to gain useful knowledge and experience. The Association of Baptist Students, Association of Catholic Tech Students, Canterbury Association, Apostolic Ministries, Wesley Foundation, and the Fellowship are just a few of the many religious organizations on campus that exist to meet the needs of our diverse student population.

Involvement in extracurricular organizations and clubs is critical to the overall education of Tech students who truly benefit by getting involved in the activity of their choice.

Diversifying EDUCATION

Center for Instructional Technology and Distance Learning (CITDL)

The Center for Instructional Technology and Distance Learning was founded to promote and facilitate an educational environment in which the utilization of technology to advance teaching and learning is a subject of serious discussion, application, and research among faculty. The Center assists faculty in the design of multimedia units and the application of digital resources for use in the traditional and non-traditional classroom. Furthermore, the CITDL organizes and directs programs to meet the needs of University faculty and students by planning, coordinating, and conducting courses, seminars, videoconferences, and workshops that utilize instructional and multimode technologies.

The Instructional Technology portion of the CITDL focuses on connecting the instructor, the experience of learning, the learner, and specific technological tools in a way that enhances the learner-centered environment by producing teaching excellence and quality learning outcomes. The Center conducts courses on the basics of computer hardware and software, with emphasis on applications that increase productivity. One of these applications is the Blackboard Course Management System, which enables instructors to provide web-based alternatives to traditional and non-traditional classroom instruction. Over 350 courses have utilized this new method of teaching.

The Distance Learning portion of the CITDL delivered 49 courses to 983 students who were separated by distance from Tech's main campus. These courses were delivered by compressed video using a T1 infrastructure and through the Internet. Distance Learning and videoconferencing have provided significant travel savings for the University by allowing the administration to participate in numerous administrative and University-related videoconferences on campus rather than having to travel to the origination site.

Center for Educational Excellence (CEE)

The Center for Educational Excellence provides on-going professional development opportunities for University faculty, staff, and graduate teaching assistants. Programs include orientation of new faculty, training programs for teaching assistants, workshops, and seminars on effective instructional and assessment strategies, staff development programs, and consultations with individual faculty and staff. These activities are designed to promote a spirit of innovation, collaboration, and love of learning as well as enhance a sense of collegiality among the University family as they expand their intellectual, professional, teaching, and personal horizons.


Louisiana Tech University
DELL
DELL

Devoted to the COMMUNITY

The Big Event

The Big Event is a community wide service project organized by the Student Government Association. The concept began at Texas A&M University 19 years ago, and Tech adopted the idea in 1998. Over twenty campus organizations supplied approximately 500 volunteers for the daylong event.

The day began at Joe Aillet Stadium where the volunteers were given their assignments prior to listening to guest speaker Lee Fletcher, who was Student Government Association President at Tech (1988-89), former chief of staff for Congressman John Cooksey, and currently a candidate for the Fifth Congressional seat in 2002. After hearing Mr. Fletcher's address, the volunteers scattered throughout the community to complete their morning tasks prior to returning to Joe Aillet Stadium for lunch and to receive their second assignment.

The Big Event was a huge success. "It was a way for the student body to express their gratitude to a community that supports Louisiana Tech University in so many ways," said Ryan Kilpatrick, Student Government Association President.

Louisiana Rural Development Center

The Louisiana Rural Development Center and the Department of Agricultural Sciences at Louisiana Tech received a $539,680 four-year USDA Fund for Rural America grant that focuses on diversifying the economy of the lower Mississippi Delta by developing rural e-commerce businesses. This grant is linked with a recently funded $75, 074 Louisiana Board of Regents Support Fund project that was awarded to the Department of Agricultural Sciences at Louisiana Tech University. Only 15 Fund for Rural America projects were selected from more than 200 proposals submitted by federal research agencies, national laboratories, colleges and universities, and private research organizations throughout the United States.

With strong e-commerce opportunities expected in the coming years for small rural businesses, the project investigators (Dr. Kenneth W. Rea, Vice President for Academic Affairs; Dr. Gary A. Kennedy, Head of the Department of Agricultural Sciences; and Dr. Phillip C. Hamilton, Assistant Professor in the Department of Agricultural Sciences) believe this is an opportunity to assist rural businesses to plug into the electronic economy. The project will provide a university model of a vertically integrated agricultural enterprise that markets value-added products directly to consumers via an e-commerce format. An educational collaboration among Louisiana Tech University, the Louisiana Small Business Development Center Network, and university sites in Mississippi and Arkansas will develop and provide multi-media e-commerce training materials to rural business through a series of educational seminars. In addition, technical support in web site development, design of an Internet marketing strategy, electronic retailing services, and space on a secure server will be provided to participating rural businesses. This grant will give rural businesses a chance to develop and/or redefine themselves in order to compete in the electronic economy, while bridging the digital and economic divide in the rural communities. Dr. John Nwoha of the Department of Agricultural Sciences serves as the project director.

Project LIFE

During the last year, the Project LIFE team conducted a Leadership Institute for 20 Louisiana, Arkansas, and Texas teachers. Teacher participants practiced leadership skills, investigated the change process, prepared to be mentors to their peers, and developed and delivered a complete 3-hour workshop. When the teachers returned to their school systems, they mentored their teachers and presented at least two workshops for other teachers in their region. Throughout the academic year, Leadership Institute participants interacted electronically with each other and with the Project LIFE staff though the use of regular assignments, e-mails, and participation in chat groups on the Blackboard system. This electronic communication proved to be a big hit with the teachers who used it regularly. A two-day conference held in Ruston in the Spring brought the program to closure.

The Project LIFE team held seminars on Louisiana Tech's main campus and traveled to Birmingham Alabama where they presented a program in collaboration with the Birmingham City School System and the University of Alabama at Birmingham. In other collaborations, Project LIFE staff traveled to Mississippi and to Florida leading three-day Leadership Institutes for the Delta Rural Systemic Initiative. Linda Ramsey, Principal Investigator on the Project LIFE project along with Dr. Gayle Kirwan of LSU's Physics Department, co-designed and delivered a week-long Leadership Institute for Science Teacher Leaders held on the LSU-Baton Rouge Campus. Another workshop, "Packing and Popping Popcorn," was held at the University of Louisiana at Monroe to focus on integrating mathematics and science. This program was very popular, and the Project LIFE staff repeated the workshop for several local school systems. Project LIFE's travels led them to the National Science Teachers Association Convention in Baltimore, MD, where they made two presentations.

The original Project LIFE team is changing its focus from Biology to Chemistry. In the Spring of 2001, the Project LIFE team received notice of funding from NSF for a new project, "Chemical Concepts and Connections for Teacher Leaders." This four-year, $1.63 million project will prepare a total of 128 chemistry and physical science teachers with the content knowledge and skills they need to implement standards-based instruction and assessment in their classrooms.

PK-16 Council

The initial educational priorities of the PK-16 Council included ways to meet University growth targets for the Teacher Preparation Accountability System and professional development schools/partner schools growth targets for the K-12 School Accountability System. Dr. Dawn Basinger, PK-16 Coordinator, provides leadership for the members of the Redesigning Task Force committees, Teacher Cadet Task Force committee, Professional Development School Team, and Recruitment/Retention Task Force committee as they design new alternate and traditional teacher preparation curricula, partner with schools, and recruit/retain/support teaching professionals. Athens High School has been chosen as Tech's Professional Development School. Three Louisiana Tech professors, Charles Patterson, Carolyn Talton, and Glenn Beer, participated in the delivery of instructional activities in the area of mathematics to the 6th and 7th grade, while the 2nd and 3rd grade students came to Louisiana Tech for reading interest inventory diagnosis. Kim Kimbell-Lopez and her reading/language arts methods students tutored 2nd and 3rd grade students one day a week during the Spring Quarter. Additionally, Connie Laborde and her methods students developed and delivered health and physical education instructional activities to elementary students.

Louisiana Tech Concert Association

A number of performances were presented this past year by the Louisiana Tech Concert Association including Ames Piano Quartet, Steel Pier, Ballet Contemporaneo De Caracas "Mozart Mambo," Sonos Handbell Ensemble, Goldspiel/Provost Classical Guitar Duo, and River City Brass Band. The event that proved to be the most popular was the February 8th performance "Goldspiel/Provost Classical Guitar Duo," featuring Tech's own Dr. Alan Goldspiel, assistant professor of music. Though it was not a part of the Louisiana Tech Concert Association, the School of Performing Arts' production of LEAFMEN AND THE BRAVE GOOD BUGS was the largest, most successful event that the School of Performing Arts has presented in the past three years according to the school's director, Dr. Kenneth Robbins. The highlight of this event was the two matinee performances that filled the auditorium with school children from across the region.

Devoted to the COMMUNITY

Six professors reap $12.1 million through seven grants

Six professors in disciplines across campus have received grants totaling $12.1 million, with the funding to advance such areas as local industry, micro/nano technology, and development for elementary and high school teachers. Projects received funds from such agencies as the National Science Foundation, the Whitaker Foundation, and the U.S. Department of Education, with matching monies from Tech.

"The fact that these agencies place this much faith in our professors and our projects underscores Louisiana Tech's reputation in both academics and research," President Dan Reneau said.

Professors and their projects are as follows:

- Dr. Bruce Gale, assistant professor of biomedical engineering — $3.83 million from the Board of Regents and the National Science Foundation's EPSCoR (Experimental Program to Stimulate Competitive Research).

  Gale's work will focus on creating microfluidic systems that can lead to designing miniature chemical and biological reactors about the size of a quarter.

- Linda Ramsey, instructor of biological sciences, and Dr. William Deese, professor of chemistry — $2.32 million from the National Science Foundation.

  Their project, "Chemical Concepts and Connections (C3) for Teacher Leaders," involves helping schools to provide effective, long-term professional development for science teachers in grades 5 through 12.

- Dr. Charles Robinson, professor of biomedical engineering and director of the Center for Biomedical Engineering and Rehabilitation Science — $1.93 million from the Whitaker Foundation.

  The project will create an Institute for Biomedical and Rehabilitation Engineering and Science that partners Tech with Shreveport's LSU Health Sciences and Veteran's Administration medical centers, Centenary College, state and federal agencies, and the community.

- Linda Ramsey, instructor of biological sciences — $365,086 from the U.S. Department of Education.

  Her venture will disseminate to six states Tech's already proven professional development program for science teachers in grades 5 through 12. In addition to Louisiana, Project LIFE (Laboratory Investigations and Field Experience) will now reach Alabama, Arkansas, Florida, Mississippi, and Texas.

- Dr. Michael McShane, assistant professor of biomedical engineering — $339,877 from the Whitaker Foundation.

  His undertaking will explore short-term changes in glucose and lactate levels in the brain's extracellular fluid. "The work is significant," the project abstract stated, "because of the potential for discovery of basic normal physiological processes that have heretofore been hidden from our view...."

The Division of Continuing Education has brought in $3.35 million for two grants that will focus on upgrading employee skills for two local companies, Williamette Industries and Federal Home Products.

Director of Continuing Education Dr. Nancy Alexander received the grants from the Louisiana Department of Labor Incumbent Worker Training Program.

The grant for work with Williamette totals $2.74 million; funding for Federal Home Products, a stainless steel sink company in Ruston, comes to $605,275. Totals include matching funding from Louisiana Tech.

Alexander said the Williamette project will involve 12 plants and more than 1,000 employees. FHP's training, which involves 180 employees at the Ruston site, will include preparing workers for a new manufacturing process to be introduced by the company.

"These ventures will enable the companies to provide cutting-edge training to their employees," Alexander said."We'll be able to bring in training providers from across the United States as well as from international companies. Technology training is an integral part of the proposed training projects. Since so much of production has been computerized, workers themselves need to be computer literate."

Discovering UNCHARTED Paths

Nanotechnology

Louisiana Tech's Institute for Micromanufacturing facility has been involved in nanotechnology research since 1996. Nanotechnology is the manipulation of individual atoms and molecules to build structures. People take advantage of nanotechnolgy in their everyday lives without even realizing that a device 50,000 times thinner than a human hair can save their lives.

Nanostructures that could influence lives are found in the medical profession where new types of vaccines and medicines are being developed, including a "pharmacy chip" which could be implanted into the body to release drugs carefully from tiny chambers embedded in the silicon. Potential applications of this device could include the delivery of insulin, hormones, chemotherapy, and painkillers. Micro-electro-mechanical systems (MEMS), developed from nanotechnology, can also influence the medical field by helping make deafness disappear, stimulating paralyzed limbs, improving treatment of diseases like Parkinson's and epilepsy, diagnosing bacterial or viral agents, and determining drug safety and efficacy.

Nanotechnology can also be utilized in the construction industry providing building materials such as films, coatings, bricks, and beams with life-like behaviors allowing them to sense weather conditions and then respond by altering their inner structures to be more or less permeable to air and humidity. Concrete could become "smart enough" to detect signs of weakness internally and life-like enough to respond to corrosive conditions by releasing chemicals to combat the corrosion.

Nanotubes, also a development of nanotechnology, are said to be as much as 100 times stronger than steel according to some scientists. The uses of nanotubes are numerous with some of the recent research revealing the ability to store power for hydrogen-powered vehicles; develop cables, transmission lines, airplane skins, and body armor; and replace silicon chips in computers creating a more powerful computer.

"As we enter the 21st century, nanotechnology will have a major impact on the health, wealth, and security of the world's people that will be at least as significant in this century as antibiotics" according to a committee of leading scientists that convened in January 1999 at the National Science Foundation to assess the potential roles of nanotechnology in the coming years. Some of the potential developments include computer processing speeds that will make the Pentium III seem slow; prosthetics and medical implants whose surfaces are molecularly designed to interact with the body; lightweight vests that can be worn at all times and continuously measure an individual's vital signs; and materials that are strong, tough, and lightweight used to construct land, sea, and space vehicles that are more fuel efficient.

Louisiana Tech's Institute for Micromanufacturing faculty, staff, and research associates under the direction of Dr. Kody Varahramyan continue to explore the field of nanotechnology in their state-of-the art 41,000 square-foot facility located on Tech's main campus.

Dr. Lynn Walker – Myrothecium verrucaria

In the early 1990's, Dr. Lynn Walker and a graduate student, Anthony M. Tilley, discovered methods of biological control of various weeds using the fungus *Myrothecium verrucaria*. This fungal stain was first isolated from sicklepod weed plants that appeared to be diseased. The strain has been accepted and was filed with the International Mycological Institute (IMI) in England. In 1998, Louisiana Tech University was issued U.S. Patent 5,757,029 based upon this work. In 2000, Dr. Walker and two colleagues at the United Sates Department of Agriculture's (USDA) Agriculture Research Station, Southern Weed Science Research Unit, in Stoneville, Mississippi, discovered that this fungus was also effective against the noxious and economically damaging plant known as kudzu. Kudzu covers more than 6,000,000 acres in the U.S. and continues to spread by some 120,000 acres a year. Tech and the USDA teamed to file a second patent application in 2000 covering the specific application of *Myrothecium verucaria* to kudzu. The patent, U.S. Patent No. 6,274,534, was allowed on August 14, 2001.

This research has a broad national market. According to the USDA, estimated losses from kudzu are $336 million annually. A safe, non-chemical means of kudzu control would impact a broad segment of the population, particularly people in the southeastern United States. In addition to kudzu, the fungus *Myrothecium verrucaria* has exhibited significant potential as a microbial herbicide for control of several other economically important weeds, including sicklepod and water hyacinth.

It is possible that licenses for both land-use and aquatic-use will result from the research that Dr. Walker has performed. His research has been made possible by a State of Louisiana Board of Regents "Industrial Ties Grant," the largest one granted in 2001 in the State of Louisiana, and grants from the Southern Regional Aquaculture Center (UDSA/CSREES) and Louisiana Tech University. Additional funding for this research has been provided by the Louisiana Soybean and Grain Research and Promotion Board, the Louisiana Catfish Farmers Association, and the Louisiana Catfish Promotion and Research Board.

Dedicated to CONTINUED GROWTH

Professional Aviation

The Professional Aviation Program at Louisiana Tech has experienced remarkable growth. A new 52,000-sq. ft. building on the main campus provides classroom space for the increasing number of students who are majoring in Aviation. The new 8,000 sq. ft. flight operations building, 10 new Cessna C172 training aircraft, and 2 new Aviation Simulator Training Flight simulators located at the Ruston Regional Airport provide aviation majors with state-of-the-art equipment for their training.

The Professional Aviation Program has traditionally educated students who are interested in becoming pilots. However, recently the program expanded to include Aviation Management. Enrollment in this program is expected to reach 320-330 students. The program is accredited by the Council on Aviation Accreditation.

Charles Wyly Athletic Center

As Louisiana Tech entered a new era in athletics with its July 1, 2001, membership in the Western Athletic Conference, one of the biggest steps was taken by the completion of the Charles Wyly Athletic Center.

Just over one year after the groundbreaking ceremonies took place on campus, construction on the $2.5 million facility was completed. The building is named for Dallas businessman Charles J. Wyly Jr. whose generous donation helped fund the structure.

Wyly's $1 million gift led to the final result, the beautiful Charles J. Wyly Athletic Center, which has brought rave reviews.

The facility houses football coaches' offices, offensive and defensive meeting rooms, the Dr. William Bundrick Sports Medicine Center, the Dr. Guthrie Jarrell Conference Center, and a virtual Tech museum located at the entrance.

One of the centerpieces to the facility is the state-of-the-art Dr. William Bundrick Sports Medicine Center, which will accommodate all 14 of Tech's varsity athletic programs. The department contains a Swimex therapeutic pool, cardiovascular equipment, private staff offices, and physician's examination room, all funded by Dr. Billy Bundrick of the Bone and Joint Clinic in Shreveport and the Tech team physician.

The Dr. Guthrie Jarrell Conference Center will be the site of team meetings, banquets, luncheons, and other athletic functions. The center is named for one of Louisiana Tech's top benefactors, Monroe physician Dr. Guthrie Jarrell.

Perhaps the most visible part of the new athletic center is the area where displays, designed by Murphy and Orr, showcase 100 years of Tech Football. An all-sports light wall greets visitors as distinguished athletes such as William Roaf, Karl Malone, Teresa Weatherspoon, and Terry Bradshaw virtually come to life in the collage.

Other parts of the Tech museum include an All-American wall with a plaque for each Bulldog honoree, a 100-year timeline, a feature on Joe Aillet Stadium, a defensive domination wall depicting some of the Bulldog's top defensive players of all time, an air corps wall featuring top Tech quarterbacks and receivers, and much more.


TECH AIR CORPS

Distinguished FACULTY CHAIRS

Reginald Owens, Ph.D.
F. Jay Taylor Endowed Chair of Journalism

Dr. Owens is an associate professor and holds the F. Jay Taylor Endowed Chair of Journalism in the Department of Journalism at Louisiana Tech. Before coming to Tech in December 1997, he taught at Grambling State University for nine and a half years, where he also was an associate professor and ad publication director for *The Gramblinite*, the student newspaper. Under his direction, the school newspaper was recognized for excellence by state, regional, and national organizations.

In addition to his research on the black press, Owens teaches classes in news writing, media and culture, and civic journalism.

He has written African-American tourism stories for the *Register* in Mobile, Alabama, *The Tennessean* in Nashville, and *The Times Picayune* in New Orleans. He has also written opinion pieces for several newspapers including *The News-Star* in Monroe and *The Times* in Shreveport. Owens has lectured at the Zambia Institute for Mass Communication (ZAMCOM) in Lusaka where he taught news reporting to Zambian journalists and directed a civic journalism project.

Owens authored the chapter "Entering the 21st Century: Oppression and the African-American Press" in the book African Americans and Mass Communications: Contemporary Issues. He authored a chapter on the history of the City of Grambling in a book on Grambling State University's centennial. He has also authored numerous articles for professional conventions and publications, including book reviews published in *Journalism Quarterly* and the on-line *Journal of Multi-Media History*.

He is active in journalism professional groups including the Dow Jones Newspaper Fund where he serves on the Board of Directors. He serves on the curriculum advisory committee of the Freedom Forum Institute for Newsroom Diversity. He holds memberships in the Association for Education in Journalism and Mass Communication, College Media Advisors, National Association of Black Journalists, Society of Professional Journalists, and the Louisiana Press Association.

During his career, Owens has been recognized for his professional and academic achievements including awards for writing from the National Federation of Press Women, Louisiana Press Women, Texas Gulf Coast Press Association, and National Newspaper Publishers Association. He has been a judge for newspaper competitions for several groups including the Louisiana Press Association, the National Newspapers Publishers Association, and the Dow Jones Newswires. In 1996, the Southeast Journalism Conference named Owens Journalism Educator of the Year. Other awards include the American Society of Newspaper Editors Institute for Journalism Excellence Fellowship and Freedom Forum Faculty Fellowship.

He has directed and participated in numerous professional development workshops with, among others, the American Press Institute, Southern Newspaper Publishers Association Foundation, American Society of Newspaper Editors, Southeast Journalism Conference, Black College Communication Association, and the Poynter Institute for Media Studies, where he has served as guest faculty.

Owens began his professional career as a reporter at *The Houston Post* in 1972. He later worked for Southwestern Bell Telephone Company in Houston in public relations and advertising. He has worked as a reporter and managing editor for the *Houston Informer* and *Texas Freeman*, a weekly newspaper. He also has worked in the newsrooms of the *Philadelphia Tribune*, *The Tennessean* in Nashville, *The Times-Picayune* in New Orleans, *Nokoa The Observer* in Austin, Texas, and the *Austin American-Statesman*.

Owens also has taught in Houston at Texas Southern University and in Austin at the University of Texas, Austin Community College, and Huston-Tillotson College.

He received a Ph.D. in mass communication from the University of Texas, a master's in advertising from the University of Illinois in Urbana, and a bachelor's in journalism from Louisiana Tech.

He is a native of Grambling, Louisiana. His interest in journalism began at the school newspaper at Grambling High School where he served as reporter, advertising manager, and editor.

Alice E. Hunt, Ph.D.
Elva J. Mann Eminent Scholar Chair in Human Ecology

Dr. Hunt received her B.S. from Humbolt State University, her M.S. degrees from Fresno State University and Louisiana Tech University, and her Ph.D. from Colorado State University. Dr. Hunt currently holds the Elva J. Mann Eminent Scholar Chair in Human Ecology. Dr. Hunt continues to conduct research in collaboration with the Pennington Biomedical Research Center in Baton Rouge. Her current project is a comparison of visual estimation and digital photography techniques to determine food and nutrient intake. She published four articles in refereed journals in 2001 focusing on the impact of dining room environment on nutritional intake of Alzheimer's residents; which method is best for assessing the body composition of hemodialysis patients; incorporation of new recipes into the Armed Forces recipe file; and, the influence of fat content labels acceptability ratings. Dr. Hunt was a co-presenter for three poster presentations at the American Dietetic Association national meeting in October. Her ongoing research interests include supplement use, issues in the nutritional management of diabetes, and factors influencing and assessment of dietary fat intake. Dr. Hunt is active in the Louisiana Dietetic Association and the Northeast Louisiana District.

Ray Sterling, Ph.D.
Eminent Scholar Chair in Construction and the Contractor's Educational Trust Fund Professor of Civil Engineering

Dr. Sterling received his Bachelor's Degree in civil and structural engineering from the University of Sheffield (1970) and his M.S. (1975) and Ph.D. (1977) from the University of Minnesota with a concentration in rock mechanics. In 1977, he established the interdisciplinary Underground Space Center at the University of Minnesota to investigate the engineering and social issues connected to utilization of underground facilities. He joined the Tech faculty in 1995 as the Contractors Educational Trust Fund Professor and serves as the director of the Trenchless Technology Center which focuses on the education of engineers, contractors, government agencies, and others about the availability and capabilities of trenchless methods for difficult underground infrastructure solutions. According to Dr. Sterling, his main research role is to direct the Center and to help promote the trenchless industry both in North America and internationally. He is able to accomplish this through his roles as past chair of the North American Society of Trenchless Technology (NASTT) and vice-chair of the International Society of Trenchless Technology (ISTT). He has also served as a member of the Board on Infrastructure and Constructed Environment of the U.S. National Research Council, past chairman of the U.S. National Committee on Tunneling Technology, and an elected member of the Academy of Engineering of the Russian Federation. He has served as Animateur of the Working Group on Direct and Indirect Advantages of Underground Facilities for the International Tunneling Association and is a Senior Editor of the journal *Tunneling and Underground Space Technology*. His dedication to trenchless technology has earned him the honor of being named the Person of the Year for 2001 by *Trenchless Technology*. Dr. Sterling's end goal for trenchless technology is to have "people who fix underground infrastructure needing a good reason why not to do trenchless, rather than the other way around."

Photo by: Hawkins Photography

Distinguished FACULTY

Board of Regents Support Fund Eminent Scholar Chairs and Faculty Professorships

Freddy L. Roberts, Ph.D., P.E. – T. L. James Eminent Scholar Chair of Civil Engineering.

Ted D. Englebrecht, Ph.D. – Harold J. Smolinski Endowed Chair in the School of Professional Accountancy.

Charles Robinson, D.Sc., P.E. – Max and Robbie L. Watson Eminent Scholar Chair in Biomedical Engineering and Micromanufacturing.

Louisiana Board of Regents Support Fund Endowed Professorships
Listed in Order of Establishment

Ronald Thompson, Ph.D., P.E. – W.W. Chew Endowed Professorship in the College of Engineering and Science.

Mark Kroll, DBA – Maurice B. Tatum Endowed Professorship in the College of Administration and Business.

Brian Camp, Ph.D. – Sue Woodard Huckaby Endowed Professorship in Human Ecology.

Abraham Attrep, Ph.D. – William Y. Thompson Endowed Professorship in History.

Jeffrey Hillard, Ph.D. – Agriculture Endowed Professorship in the Department of Agriculture Sciences.

James Dickson, Ph.D. – Frank W. Merritt Endowed Professorship in Forestry.

Frances Holman, Ed.D. – College of Education Endowed Professorship.

Robert Jungman, Ph.D. – Mabel and Doug McGuire Endowed Professorship of English.

Dennis Minor, Ph.D. – George K. Anding Endowed Professorship in English.

Melvin Corley, Ph.D. – Hogan CenturyTel Endowed Professorship in the College of Engineering and Science.

Janet Pope, Ph.D. – Merle L. and Virginia M. Borchelt Endowed Professorship in Human Ecology.

Janie Humphries, Ed.D. – Mildred Trussell McGehee Endowed Professorship in Early Childhood Education.

Ray Anthony Inman, DBA – Ruston Building and Loan Endowed Professorship in the College of Administration and Business.

Patricia Bourgeois, RN, MSN, CNS – Fanciscan Sisters of St. Francis Medical Center Endowed Professorship in Nursing.

Timothy Barnett, DBA – Edward L. Moyers Endowed Professorship in the College of Administration and Business.

Rebecca Stenzel, Ed.D. – Thomas Jackson "Jack" Magee, Jr. & Mary Jo Cuningham Magee Ross Endowed Professorship.

Gowkarran Budhu, Ph.D. – James F. Naylor, Jr. Endowed Professorship in the College of Engineering and Science.

Ali Darrat, Ph.D. – Premier Bank Endowed Professorship in the College of Administration and Business.

Mary Louise Carter, MFA – Clarice Harp Lyles Endowed Professorship in Ceramic Arts.

Kody Varahramyan, Ph.D. – Cordaro/Entergy Endowed Professorship in Electrical Engineering.

Marion Earl Council, Ph.D. – Entergy Endowed Professorship and Frank Bogard Endowed Professorship of Electrical Entergy and Power.

Li-He Zou, Ph.D. – Entergy Endowed Professorship of Electrical Engineering.

Paul Ramsey, Ph.D. – Marvin T. Green Endowed Professorship in Pre-Medicine.

Richard Greechie, Ph.D. – SWEPCO Endowed Professorship in Engineering.

Distinguished FACULTY *(Continued)*

Raja Nassar, Ph.D. – Maxfield Endowed Professorship in Mathematics and Statistics.

Hani Mesak, Ph.D. – State Farm Insurance Endowed Professorship in the College of Administration and Business.

Otis Gilley, Ph.D. - Century Telephone Enterprises, Inc. and Clark M. Williams Memorial Endowed Professorship in the College of Administration and Business.

Howard Hunt, Ph.D. – Scott Weathersby Endowed Professorship in Zoology/Pre-Medicine.

Louis Roemer, Ph.D. – Entergy Endowed Professorship in Electrical Engineering.

Donald Kaczvinsky, Ph.D. – Mildred Saunders Adams Endowed Professorship in English.

Bill Elmore, Ph.D., P.E. – R. William Upchurch Endowed Professorship in Engineering.

Paul Hadala, Ph.D. – Robert Howson Endowed Professorship in Civil Engineering.

David Cowling, Ph.D. – Entergy Endowed Professorship in Electrical Engineering.

Duane Dowd, Ph.D. – Robbie Auger Watson Endowed Professorship in Human Ecology.

Walter Buboltz, Ph.D. - Elva Leggett Smith Endowed Professorship in Education.

Mark Murphey, Ph.D. – Charles Emmett Leggett Endowed Professorship in Agriculture.

Jon Barker, DMA – James Alvey Smith Endowed Professorship in Performing Arts.

Peter Gallagher, Ph.D. – Linnie McGee Leggett Endowed Professorship in Agriculture.

Pamela Moore, RN, MSN, CNS – Lincoln General Hospital/Glenwood Regional Medical Center Endowed Professorship in Nursing.

William Jordan, Ph.D., P.E. – Max Watson, Sr. Endowed Professorship of Mechanical Engineering.

Bonnie Gerald, Ph.D., DTR – Robbie Auger Watson Endowed Professorship in Human Ecology.

Barbara Garner, Ph.D. – Robbie Auger Watson Endowed Professorship in Human Ecology.

Jun-Ing Ker, Ph.D., P.E. – James E. Smith Endowed Professorship in Industrial Engineering.

Gary Zumwalt, Ph.D. – Charles and Newlyn Spruell Endowed Professorship in Engineering.

James Nelson, Ph.D. – McDermott International Endowed Professorship in the College of Engineering and Science.

Meng Tao, Ph.D. – South Central Bell Endowed Professorship in Electrical Engineering.

Roger Shelor, DBA - Balsley-Whitmore Endowed Professorship in the College of Administration and Business.

Dwight Anderson, Ph.D. – JPJ Investments Endowed Professorship in the College of Administration and Business.

Allison Smith, Ph.D. – Robert C. Snyder Endowed Professorship in English.

Cherrie Sciro, MFA – Lallage Wall Endowed Professorship in Performing Arts.

Patrick Garrett, Ed.D. – Hyman J. Sachs Endowed Professorship in English.

Steve Jones, Ph.D., P.E. – Wayne and Juanita Spinks Endowed Professorship in Engineering.

Lee Sawyer, Jr., Ph.D. - Wayne and Juanita Spinks Endowed Professorship in Engineering.

George Butler, Ph.D. – Crump-Edmondson Endowed Professorship in Mathematics and Statistics.

Ruth Ellen Hanna, Ph.D. - Walter E. Koss Endowed Professorship in Mathematics.

Thomas Phillips, Ph.D. – KPMG Peat Marwick Endowed Professorship in the College of Administration and Business.

Jason Pigg, Ph.D. – Joe D. Waggonner Endowed Professorship in Political Science.

Dale Snow, Ph.D. – Joe D. Waggonner Endowed Professorship in Chemistry.


ADVERTISING
Public Relations

Dominating ATHLETICS 2001

Football

The Louisiana Tech football team enjoyed a very successful 2001 season by claiming the Western Athletic Conference title in the school's first year in the league. The Bulldogs also made their first visit to a bowl game since the 1990 Independence Bowl by playing Clemson in the Humanitarian Bowl in Boise, Idaho.

Head Coach Jack Bicknell was named the Western Athletic Conference Coach of the Year after guiding the Bulldogs to a 7-4 mark and a 7-1 league record.

Senior defensive back Bobby Gray and junior offensive lineman Damian Lavergne were both voted to the All-Western Athletic Conference first team. Meanwhile, sophomore quarterback Luke McCown, junior running back Joe Smith, senior defensive lineman Jamie Nichols, junior linebacker Curtis Randall, and sophomore kicker Josh Scobee were named to the All-Western Athletic Conference second team. Senior wide receiver John Simon made his way into the NCAA record books by tying a record for 46 consecutive games with a reception.

Men's Basketball

As Louisiana Tech played its last season in the Sun Belt Conference, the 2000-01 men's basketball team completed the Bulldog's third consecutive winning season with a 17-12 overall record. It marked the first time since the 1989-92 seasons that Louisiana Tech recorded three winning seasons in a row. The Bulldogs set a school record by winning 10 or more conference wins for the third straight season.

Junior guard Gerrod Henderson led the Bulldogs with 18.4 points per game. Henderson was named to the National Association of Basketball Coaches District 8 first team and was placed on the All-Louisiana first team. For the fifth season in a row, Louisiana Tech placed a player on the Sun Belt Conference All Conference team as Henderson was named to the 10-member team for the second season in a row.

Head coach Keith Richard left the Sun Belt Conference with the sixth best all-time conference winning percentage in the league's history, and he won more Sun Belt Conference regular season games over the last three seasons than any other team in the league.

Softball

The highlight of the 2001-year for the Lady Techster softball team was the induction of head coach Bill Galloway into the National Fast Pitch Coaches Association Hall of Fame in November.

Tech finished with a record of 20-31, which was only their second losing season in the past 20 years. The Techsters played several freshmen last year and have a talented and experienced core

returning as the team breaks into Western Athletic Conference play for the 2002 season. The team's top two pitching performances came from freshman Lindsey Meadows and sophomore Marla Pinkston. The freshman infield duo of shortstop Jennifer LaRussa and Casey Reiff added offensive strength that should continue for the next three years.

Cross Country

Tech cross country made its mark in the Western Athletic Conference when the men's team finished 6th at the championships. Coach Gary Stanley coached the team at the Kaneohe Klipper Golf Course, and his number one runner was Chris Anderson. At 19th place, Anderson crossed the finish line to lead Tech and earn the coveted top 20 finish. Other strong performances throughout the season came from Brandon Brown, Stefan Malmquist, and Andy Bipella. The women had a tougher time as they finished 10th in their first Western Athletic Conference championships. Julie Richardson and Lisa Graves each put up strong performances as both ran times under 22 minutes, 20 seconds.

Track & Field

In its final year of Sun Belt Conference play, the Tech track & field team proved again to be one of the most consistent sports on the Ruston campus. In the indoor season alone, the men's and women's teams combined for four event championships and a 2nd place finish for the men and a 4th place finish for the women. Adrian Kelley won the weight throw competition for Tech while Melissa Gibbons captured first in the shot put for the Lady Techsters. The shot put proved to be the team's best event as the 2nd and 3rd place finishers were Tech student-athletes Tawanna Williams and Kelly Perkins.

For the men, Ahville Black captured 1st for the Bulldogs in the shot put and the weight throw. Other strong finishes included 2nd place by Tomas Alexander in the 55-meter dash, Douglas Curry in the high jump, and Mike Dysput in the weight throw. Tech finished just 2.5 points behind first place Middle Tennessee State.

The outdoor season proved to be just as successful for Tech. The men's team alone captured four 1st place finishes at the Sun Belt Championships. Black ended his sensational run at Tech with 1st place finishes in the shot put and discus. Brandon Brown continued Tech's trend of two event champions when his time took the 1st place honors in the 1500-meter run as well as the 3000-meter steeplechase.

The shot put was the women's team strongest event during the outdoor season. Lady Techster Tawanna Williams captured 2nd place while competitor and teammate Kelly Perkins was the champion in the event, completing a Ruston sweep of the outdoor and indoor shot put.

Neika Greenhouse and Adrian Kelly each took 3rd place finishes in the 100-meter dash and discus, respectively.

Baseball

Head Coach Jeff Richardson turned the corner for the baseball program in 2001, coming just two wins short of reaching the post season. After an average start, Tech closed strong in 2001 finishing the season on an 18-8 run. The highlights of the season included three wins over Southeastern Conference teams, a three-game sweep of former College World Series participant University of Louisiana-Lafayette, and two wins in the Sun Belt Conference Tournament. In fact, the Bulldogs were eliminated by eventual champion South Alabama.

The Bulldogs played one of their roughest schedules in years and were submerged by injuries early in the season, but they rebounded for their best season in 12 years. The Bulldogs defeated seven teams that made the NCAA tournament and were 12-12 against teams ranked at one time during the season.

Off the field, interest in Tech baseball was the best since 1987. In 2001 14,174 people came through the gates at J.C. Love Field for the 2nd highest attended home season in Tech history.

Volleyball

Tech volleyball was under the guidance of first-year head coach Heather Mazeitis. The Kansas native came to Ruston from her head coaching position at Kansas City, Kansas, Community College where she was the winningest coach (season and career).

The transition to the Western Athletic Conference proved to be hard for the Lady Techsters as the team finished the season 8-20 and 0-13 in conference play. There were plenty of bright spots though. First year player Jamie Cross, who transferred with Coach Mazeitis, led the team in total sets (990) and sets per game (11.00). She was also second on the team in digs (185). Cross was awarded the Louisiana Sports Writer's Association Newcomer of the Year award. Brianna Sibley was named Tech's offensive player of the year while Tanya Jarvis and Cristine Sant'Anna were named co-defensive players of the year.

Tennis

Lacy Brooks, who was Tech's No. 1 ranked player in all four years she played in Ruston, took over as the Lady Techsters tennis coach in 2001. Brooks led the Techsters to a 3-19 record, but instilled a sense of continuity in the program that the tennis team has not felt in years.

Golf

Chris Baker, who place medalled at the Gulf Coast Classic by placing third, posted the team's best scoring average last spring. Haraldur Heimisson led the team this spring by posting three top 30 finishes. Included in that was a college best third place showing at the University of Louisiana-Monroe Invitational. Heimisson also placed 6th in Tech's victory at the Gulf Coast Collegiate Classic. Most important for the golf program is the fact that both student athletes will be returning next year when Tech competes in the Western Athletic Conference.

Women's Basketball

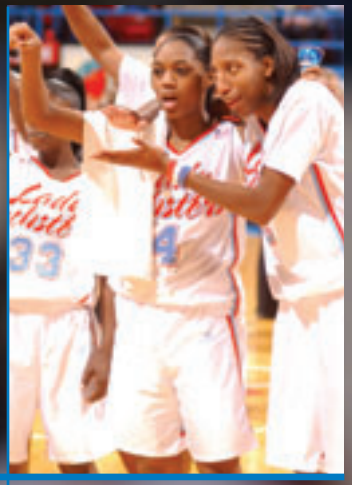
Unfortunately for their opponents, 2001 proved to be just another average year for the Louisiana Tech Lady Techsters. As January rolled around, Leon Barmore and company sat in a very familiar position, atop the Sun Belt Conference standings and headed for yet another NCAA tournament appearance.

Led by Sun Belt Conference Defensive Player of the Year and Kodak All-American finalist Ayana "Bird" Walker, the Lady Techsters posted a perfect 16-0 mark in conference action and won three more games at the league tournament in Mobile, Alabama, to claim the automatic bid to the NCAA Tournament.

Tech easily won its first two games of the postseason tournament defeating Georgia State and TCU in Ruston, before venturing to Pittsburgh, Pennsylvania, for the East Regional where the team matched up against Missouri. Led by the duo of Takeisha Lewis (27 points, 17 rebounds) and Brooke Lassiter (25 points), Tech defeated the Tigers 78-67 before falling to Connecticut in the regional final.

By posting a 31-5 mark, Leon Barmore became the first coach in NCAA Division history – men's or women's – to record six straight 30-plus win seasons.

During the summer months, the Techsters were represented by Walker who starred for the 2001 USA Basketball World University Games Team. She led the United States to the gold medal in Beijing, China, and was awarded the 2001 USA Basketball Female Athlete of the Year Award for her efforts.



Dynamic ALUMNI

Louisiana Tech Alumnus of the Year

Businessman Daniel Roland Carter of Houston, Texas, was named Louisiana Tech's Alumnus of the Year for 2001. Tech President Dan Reneau made the presentation Friday, October 26, in a ceremony at the Alumni Association's President's Dinner that also honored alumni of the year for each of the university's colleges.

Carter received two degrees from Tech – a bachelor of arts in political science in 1979 and a bachelor of science in chemical engineering in 1984.

Since 1998, he has been chief legal officer and secretary for wellhead process equipment provider NATCO Group, Inc., in Houston. An active supporter of his alma mater, Carter was a member of the Louisiana Tech Alumni Association's board of directors from 1991 to 2000. He also was a Centennial benefactor and was the driving force behind establishment of two endowed scholarships in the College of Engineering and Science.

Carter is a Louisiana Tech College Night sponsor in Houston, and he founded the Greater Houston Louisiana Tech Charity Golf Tournament in 1994. A registered professional engineer and a member of the Texas bar, Carter has been included in *Who's Who in America* and *Who's Who in American Law*. He is a native of Shreveport.

Administration and Business
Mike McCallister, Louisville, Kentucky

McCallister earned a bachelor's degree in business in 1974. He is president and chief executive officer of Humana, Inc., a Fortune 200 health benefits company with $10-billion in annual revenue. Since joining Humana in 1974, McCallister progressed to become a vice president with responsibility for the integrated operations of the company's health plans and hospitals in Arizona and later in Texas before being named to his current position. In 2000, McCallister selected Tech to be the recipient of a $1-million gift from Humana. His community activities have included involvement in the chambers of commerce, YMCA, and American Cancer Society in cities in which he has lived. Although he was born in Indianapolis, McCallister's family now lives in the Shreveport area.

Applied and Natural Sciences
Dr. Mary Clyde Pierce, Pittsburgh, Pennsylvania

Pierce received a bachelor's degree in zoology in 1985. She is division chief and medical director of the Child Advocacy Center at Children's Hospital in Pittsburgh. She also has been an assistant professor of pediatrics at the hospital since 1996. Pierce has published five refereed articles and written chapters in three books. In the last two years, she has received six grants totaling more than $700,000. Her recent community service includes being on the advisory board of the Wheelchair Transportation Safety Rehabilitation Engineering Research Center, the Allegheny County Victims Services Policy Board, and the Board of the Court Appointed Special Advocates of Allegheny County.

Education
Ruth Johnson, Ruston

Johnson received a bachelor's degree in mathematics in 1931. A retired educator, Johnson obtained her teaching certificate in 1926. She began her career in a two-room schoolhouse in Union Parish where she taught multiple grades. After teaching at several schools and completing her degree, she went to Ruston High School in 1943. Until 1967, she taught geometry, Algebra I, Algebra II, senior arithmetic, trigonometry, and calculus there. After her retirement, she began a second career as hostess and cashier at the Holiday Inn in Ruston. She received a national honor from Holiday Inn for her outstanding professionalism. This year she established a $100,000 professorship in Tech's department of chemistry in memory of her brother, the late professor, T.W. Ray Johnson.

Engineering and Science
Ernest R. "Ernie" Perez, Houston, Texas

Perez received a bachelor's degree in electrical engineering in 1966. He is recruiting and employment consultant for ExxonMobil in Houston and has served in various technical, operations, supervisory, and managerial assignments with the company since 1974. Perez is president of the Louisiana Tech Engineering and Science Foundation board and has served on the board since 1998. He received the college's Annual External Award in 1999. He provides an annual campus-wide seminar, "Creating a Professional Image," in association with Tech's fall Career Fair and has conducted numerous workshops for Tech students. In community activities, Perez has been a board member of the Academic Distinction Fund in Baton Rouge, an executive board member of the Bishop Sullivan Warrior Club, and a crisis counselor for Baton Rouge Crisis Intervention Center.

Liberal Arts
Dr. David E. Middleton, Thibodaux

Middleton received a bachelor's degree in English in 1971. He is a distinguished service professor of English and poet-in-residence at Nicholls State University, where he has taught since 1977. His major fields of interest are modern poetry and 19th century British literature. His professional service includes participation in several committees for the Louisiana Endowment for the Humanities. He is an outside reader for the University of Nevada Press and a board member of The Anglican Theological Review. At Nicholls State, he has been chair of the Fletcher Lecture Series since 1994 and has served on numerous committees. Middleton is a native of Shreveport.


AKA
A

LOUISIANA TECH UNIVERSITY FOUNDATION

...supporting the educational mission of the university

Established in 1962, the Louisiana Tech University Foundation provides significant support to the university through contributions from alumni and friends and the management of endowments. The Foundation reached $42.7M in assets at the end of the 2001 fiscal year.

Endowments grow by over $2M

Endowments established through the Foundation grew by over $2M during the fiscal year. Scholarship endowments provide thousands of dollars for qualifying students at Louisiana Tech University; virtually every academic area of the university is represented by scholarship endowments. Donors have many options in establishing scholarship award criteria, and the donor has the privilege of naming the scholarship.

Outstanding Faculty are recognized by Foundation awards

The hallmark of a university of excellence is outstanding faculty. Since 1977, the Louisiana Tech University Foundation has presented the Professorship Award and the F. Jay Taylor Teaching Award. The Virgil Orr Award was first presented in 2001, and it honors outstanding teaching by a junior faculty member. The Foundation Professorship winner receives a $2,000 award and a plaque; the F. Jay Taylor Undergraduate Teaching Award winner receives a $1,500 award and a plaque; and the Orr Award winner receives $1,200 and a plaque. These are generally considered the most prestigious faculty awards at Tech.

Dr. Abraham Attrep, Professor of History, College of Liberal Arts, was presented the 2001 Foundation Professorship Award, and the F. Jay Taylor Teaching Awards went to Dr. William Green, College of Applied and Natural Sciences, and Dr. Dale Snow, College of Engineering and Science. The inaugural winner of the Virgil Orr Award was Dr. David Hall, College of Engineering and Science.

Tech is Awarded 16 Professorships and 1 Eminent Scholar Chair

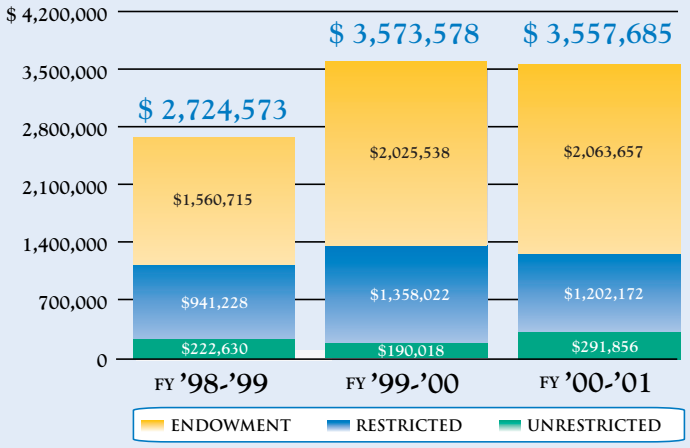
Established by the Board of Regents of the University of Louisiana System, the Eminent Scholar Chair and Professorship Program provides universities the opportunity to have private donations matched with state funds to yield Eminent Scholar Chairs of $1,000,000 and Professorships of $100,000. The income from these endowments is used for faculty support, and these Professorships and Chairs provide an edge of excellence to Tech in attracting and retaining the highest caliber of faculty members.

In 2001, Louisiana Tech University received matching funds for 16 new Professorships and 1 Eminent Scholar Chair. Tech now has 89 fully funded Professorships and 9 fully funded Eminent Scholar Chairs. Endowments for these total well over $20,000,000.

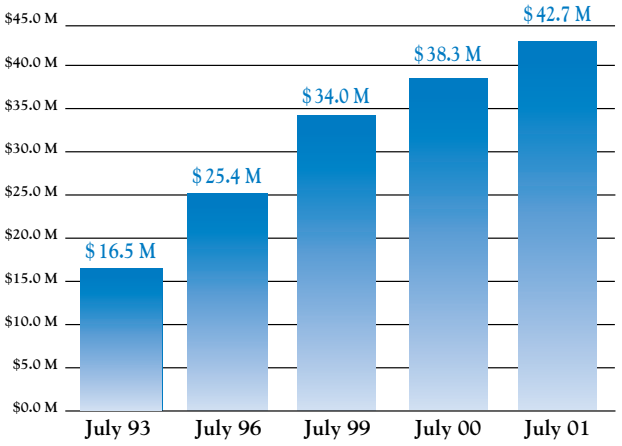
Corporate Matching Gift Total rises

Many Louisiana Tech alumni and friends take advantage of the generosity of their employers in matching the gifts of employees to qualifying Foundations. In 2001, the amount of matching gifts received from corporations rose to $228,171. Employees should consult their Human Resources Departments to determine the availability of matching funds. The forms are sent with the gift so that the matching funds can be received. For information, please call the Tech Foundation offices.

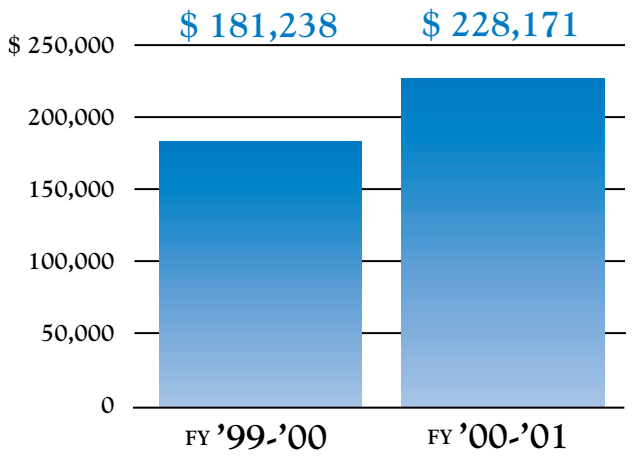
Louisiana Tech Foundation Contributions
(3-Year Comparison)



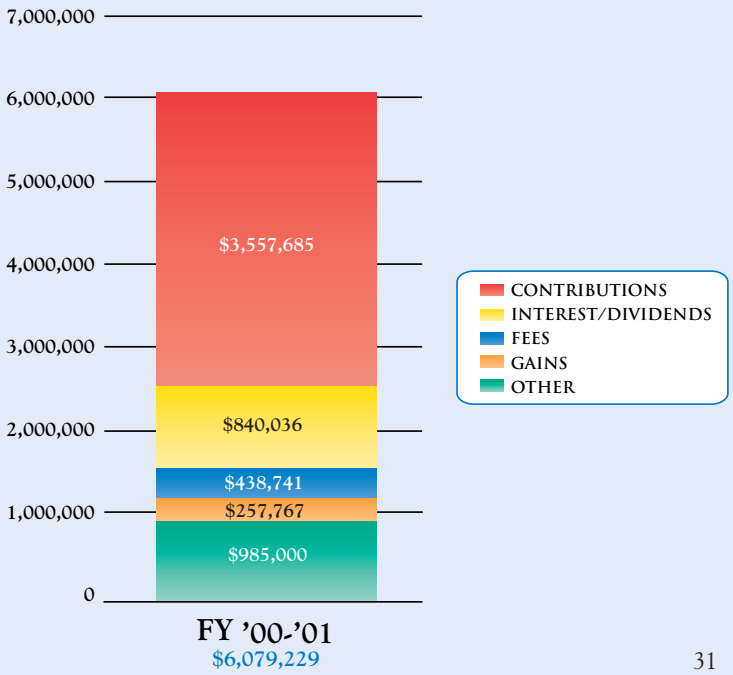
Louisiana Tech Foundation Assets



Louisiana Tech Foundation Corporate Matching Gifts

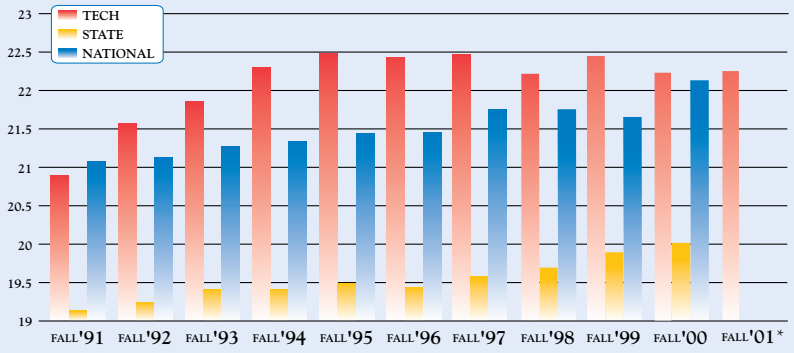


Louisiana Tech Foundation TOTAL REVENUES



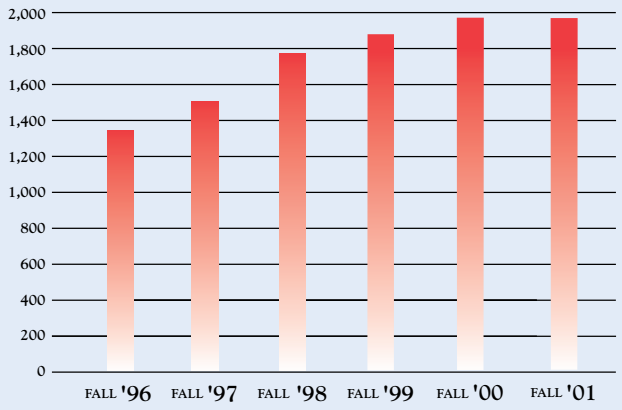
Tech TODAY

ACT Freshman Entrance Scores (eleven-year analysis)



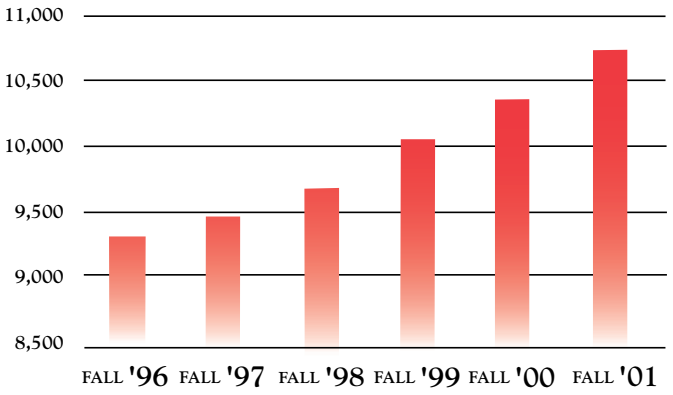
*State and National averages not available

First–Time Freshman Enrollment



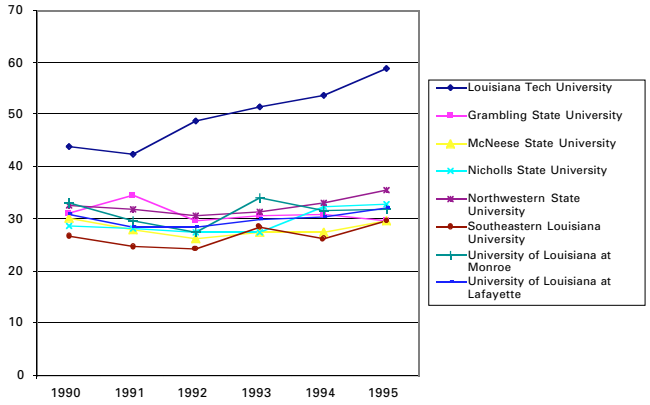
First–time freshman enrollment has increased 42.3% over the past five years

Enrollment Trends (Total Student Body)



Increase of 14.8% over the past five years.

Trends in six-year graduation rates
Percent of freshmen entering 1990-1995
University of Louisiana System



Student Retention Rate

YEAR INITIALLY ENROLLED	% ENROLLED FOLLOWING YEAR
Fall 1991	62.8%
Fall 1992	67.7%
Fall 1993	70.7%
Fall 1994	79.1%
Fall 1995	83.9%
Fall 1996	82.2%
Fall 1997	84.0%
Fall 1998	82.8%
Fall 1999	81.1%
Fall 2000	81.6%

Louisiana Tech University

Mission STATEMENT

Louisiana Tech University recognizes its threefold obligations: to advance the state of knowledge, to disseminate knowledge, and to provide strong outreach and service programs and activities. To fulfill its obligation to advance the state of knowledge, the university will maintain a strong research and creative environment. It will fulfill its obligation to disseminate knowledge by maintaining an intellectual environment that encourages the development and application of that knowledge. Recognizing that service is an important function of every university, Louisiana Tech will continue to provide outreach programs and activities to meet the needs of the region and state.

Graduate study and research are integral to the university's purpose. Doctoral programs will continue to focus on fields of study in which Louisiana Tech has the ability to achieve national competitiveness or to respond to specific state or regional needs.

Louisiana Tech is categorized as an SREB Four-Year 3 institution, as a Carnegie Doctoral/Research University-Intensive, and as a COC/SACS Level VI institution. Louisiana Tech is committed to graduate education through the doctorate. It will conduct research appropriate to the level of academic programs offered, and will have a defined ratio of undergraduate to graduate enrollment. Louisiana Tech will not offer associate degree programs. At a minimum, the university will implement Selective II admissions criteria. Louisiana Tech is located in Region VII.