

MCINTIRE-STENNIS

Research at the Louisiana Tech University



McIntire-Stennis provides capacity funding used at the Louisiana Tech University School of Agricultural Sciences and Forestry to drive significant work by 8 researchers to address issues critical to the conservation and use of Louisiana's forests and natural resources. This research effort also results in the development of graduate students providing scientific expertise to industry, agencies, non-profits, and universities to address issues critical to our state's environmental and economic well-being.

ECONOMIC AND ENVIRONMENTAL IMPACTS

Long-term McIntire-Stennis projects at Louisiana Tech University School of Agricultural Science and Forestry have focused on forest, water, and wildlife issues important to Louisiana, resulting in significant environmental and economic contributions.



70 million trees planted a year
using improved practices to reforest



\$86 million dollars
of state and local taxes generated by forestry industry annually afforded protection through the use of scientifically developed timber harvesting best management practices



\$12 billion
in annual economic contributions positively impacted by research used by forest industry and in wildlife management

About McIntire-Stennis



The McIntire-Stennis program, a unique federal-state partnership, cultivates and delivers forestry and natural resource innovations for a better future. By advancing research and education that increases the understanding of emerging challenges and fosters the development of relevant solutions, the McIntire-Stennis program has ensured healthy resilient forests and communities and an exceptional natural resources workforce since 1962.



13 million acres
of privately owned forest land in Louisiana annually improved or positively impacted



19 thousand people
employed across Louisiana in support of the sustainable forest industry

TRAINING PROFESSIONALS AND VOLUNTEERS

McIntire-Stennis projects at Louisiana Tech University, while yielding impactful science, also produce highly skilled post-baccalaureate professionals working in Louisiana and throughout the US, providing critically needed expertise to deal with mounting pressures to our forests and natural resources. The projects also provide undergraduates, high-schoolers, and resource professionals with exposure to scientific insight and significant opportunities for advancement.

Projects in the last 5 years have resulted in:

- 6 post-baccalaureate masters trained professionals
- 100% employment of graduates and 75% employed in a forestry related field with 89 graduates with a Bachelor of Science in Forestry
- Faculty have presented 145 presentations (state, regional, and national scientific meetings) and published 107 peer reviewed papers

SUMMARY

Every dollar in McIntire-Stennis funding received by Louisiana Tech University has been matched by 3 dollars in state, grant, and gift funding, resulting in a total research allocation of over \$400,000 annually.

As can be seen by these accomplishments the McIntire-Stennis program provides research capacity funding that has, and continues to be, fundamental to generating meaningful science and trained professionals. This combination allows us to tackle real world problems and improve the economic and environmental benefits from our forests and aligned natural resources.