



NPTC
**National Poultry
Technology Center**
AUBURN UNIVERSITY

Mission: The mission of the National Poultry Technology Center is to develop a nationally and internationally prominent Center at Auburn University for engineering and economics education and discovery dedicated to maintaining economic viability of the production sector of the poultry industry. Programs and activities will be in concert with and be fully cooperative with existing poultry research, education, and outreach programs being conducted at Auburn University.

The emphasis of the NPTC will be on improved efficiency, effectiveness, and economic viability of poultry production facilities. Specific thrust areas:

- New energy sources for and improved energy efficiency of facilities.
- Equipment advances for environmental conditions in facilities for optimal growth of birds.
- Improved structural adequacy and longevity of facilities.
- Engineering-related environmental quality issues.
- Possible interactions between engineering issues in the production phase and food safety of poultry products.

Core activities and events of the Center:

- Continuation of the Poultry Housing Economics and Engineering Newsletter – started by Professors Mike Eckman, Gene Simpson, and Jim Donald and now edited by Donald, Simpson, Jess Campbell, and Ken Macklin. 60 newsletters have been published - estimated printed and web circulation at 15,000 producers and industry representatives per issue.
- Continuation and improvement of the web site www.poultryhouse.com hosted at Auburn University. Web Trends reports 600,000 hits in the past year.
- Continuation of National Poultry House Construction, Retrofitting and Energy Conservation Schools. Five have been held annually. Topics critical to construction, retrofitting of houses, alternate energy utilization, and energy conservation.
- Continue information dissemination at the IPE.