

# Strategies for Sustaining Critical Research and Educational Capacities in Land Grant Universities

Randy Woodson

# Drivers

- Change in funding model for land grants
- Push toward hiring faculty that compete for federal funding to help to cover institutional facilities/administration
- Market shift in demand of our product (graduates and research discoveries)

# Funding Shift

- The famous scissor graph (portion of general fund generated by state vs. tuition and fees)
- This has resulted in a strong push toward educational demand-based distribution of funds
- Partly responsible for the trend toward consolidation of plant sciences

## Where are we?

- Industry is calling for more talent in applied fields of plant sciences, but in many cases we've lost the educational capacity to educate in these areas

# Strategies

- Must invest in critical infrastructure (farms, labs)
- Need to cultivate strong ties to industry through research, internships, advisory boards, etc
- Develop strong teams as an academic model of excellence. These can be around crops or problems. What differentiates you nationally?
- Cultivate bridge-building stars (scientists that work across the disciplinary divides)

Thank You!

Questions?