Laurie Jugan, Consultant

Oceans Science Educators’ Retreat, October 2016
Mississippi Enterprise for Technology

**Federal Agencies**

Serve as liaison between federal agencies at Stennis and companies

**Private Industry**

Assist in finding business opportunities and strategic partnerships

**MIST Cluster**

Collaboration of relevant entities supporting Blue Economy in Northern Gulf of Mexico region
MIST OceanSTEM Employers

- Commercial Companies

- Contractors supporting State/Federal Programs

- State/Federal Employees

- Professional Educators/University Researchers

- Non-profits
Recent STEM Study

• Stats on jobs and wages
  o 8000 in lower MS counties
  o More than $1B in wages
  o Average salary: $96,000

• Upcoming Workforce Needs
  o IT and Engineering ranked highest
  o Scientist was next

• Other than Education
  o Hands-on training/internships – actual work experience made for better candidates/less time after graduation to land job
  o Cross-trained in other, related disciplines (scientists who can also program)
  o Soft/Business etiquette skills – timekeeping/time management, work ethics, works well in team, courteous
Types of Careers in OceanSTEM

- Research & Development
- Exploration/Observation
- Applied/Operational Science
- Technology Development
- Marine Engineering
- Marine Animal Research/Care
- Medical Research
- Vessel/Systems Operator
- Marine Construction
- Program/Project Management
- Legal
- Public Relations
- Economist
- Political Representative
- Educator
- Event Planning
- Technology non-profit
- Many others…….