HOW GEORGIA TECH SUPPORTS RURAL GEORGIA DEVELOPMENT

KAREN J. FITE
DIRECTOR, GAMEP
WAYS GEORGIA TECH CAN SUPPORT

Rural Workforce Development
High Tech Entrepreneurs
Advanced Manufacturing

Themes: Partners, Innovation, Impacts
STATEWIDE PRESENCE

40 GaMEP, 10 GTPAC
19 GTRI, 6 Professional Education team
members located in 23 locations across Georgia
WORKFORCE DEVELOPMENT

Coop / Intern Programs

- Traditional Coops
- GTRI – 14 Mercer Students
- GaMEP Coops in the state
- Georgia Southern Coop/Intern Program
- GTMI – TCSG program

VET^2 – Veterans Education Training and Transition Program

- GIFT – Georgia Intern Fellowship for Teachers – 26 counties, mostly rural
- K-12 InVenture Challenge
- AMP-IT-Up – Griffin-Spalding County School System
- Georgia FIRST Lego League
- Robotics Competitions
VET² – VETERANS EDUCATION TRAINING & TRANSITION PROGRAM

- The first active duty military internship to employment program
- The VET² Program includes the following tracks:
  - Basic Course
  - Plan of Action Development
  - Workforce Integration
  - Lean Six Sigma Black Belt
  - Telecommunications
  - Supply Chain Project Management
- Program duration is 2-5 weeks depending on track
- VET² receives > 200 interest requests per month

“The long term key to veteran employment support is to engage and mobilize communities to establish collaborative partnerships.”

Michael Michaud
Asst Sec, US Dept. of Labor, 2016
WHAT’S NEXT FOR VET$^2$

- Awareness Campaigns at all Georgia Military Installtions – VET$^2$ 101
  - > 10,000 Service members transitioned each year

- Overseas internships for service members stationed abroad
  - Discussions with DOL, Army IMCOM, GaDEcD to offer VET2 to Army installations in Germany with offers of employment in Georgia

- Operation Workforce: Employer Awareness & Resource Training

- Integrate VET$^2$ program with HDCI and DOL opportunities

- Increase Active Duty Access to Georgia Worksmart Apprenticeship Programs

- VECTR (Warner Robins) Center Support

- Embrace the Force and Family Model
  - Encourage military spouse participation in the VET$^2$ transition programs
Educate Members
Accelerate Members
Signature Members
ATDC @ locations

ATDC@Athens - Four Athens -- UGA Idea Accelerator
ATDC@Augusta – The Clubhous.se
ATDC@Savannah – Creative Coast
ATDC@Macon – SparkMacon – Pilot Program
ATDC@Columbus- ColumbusMakesIT -- Pilot Program

CREATE-X is a faculty-led, student-focused initiative to instill entrepreneurial confidence in Georgia Tech students.
ADVANCED MANUFACTURING

Safety, Health and Environmental Services
Vision:
To drive **Transformational Innovation** in **Advanced Technologies** for **Poultry, Agribusiness, & Food Processing**
LIVE ANIMAL ROBOTICS

Breeder Operations Robotics
Monitoring health & wellbeing in animal environments

Applications:
- Removing floor eggs
- Detecting diseases
- Monitoring environmental conditions
- Bio security

With UGA College of Ag & Poultry Science

Colin Usher & Ben Joffe
CREATING THE NEXT
AGRICULTURAL ROBOTICS

Autonomous Field Scouting Robot
Collect leaf & soil samples

Applications:
Stress
Diseases
Pest
Weed
Labor
Mapping

Advanced Sensing

Dr. Ai-Ping Hu & Conrad Ahlin

With UGA Colleges of Ag & Engineering
Brachiating “Tarzan” robot
Swings on cables above crops

Applications:
Crop monitoring
Rapid phenotyping & data collection
Low energy consumption

Dr. Jonathan Rodgers &
Dr. Ai-Ping Hu

With UGA Colleges of Ag & Engineering
ATRP Partners

Food Companies

Equipment Companies

Agencies & Trade Associations

Universities
Advanced Manufacturing Consortium Members

More than 70 member companies in 9 consortium groups across Georgia
Manufacturing Growth
Meetings

Began in 2014 and have grown
to 11 locations across the state –
offered 4x a year in each
location – 3,067 attendees
-2,203 Unique participants
- 674 manufacturing companies
Last year, the GaMEP served **1,038 manufacturers**, **245 with in-depth projects** with company reported results:

- **1,542 created / retained jobs**
- **$303 million of new & returning sales**
- **$41 million in cost savings**
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QUESTIONS?

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