



VISION STATEMENT (describes the desired state that the organization aspires to become)

The Institute For Advanced Learning and Research will be recognized as a valued regional leader by successfully leveraging resources and partnerships.

MISSION STATEMENT (describes the present state, current capabilities and customer focus)

The Institute For Advanced Learning and Research serves as a regional catalyst for economic transformation. The Mission will be accomplished through applied research, advanced learning, workforce and economic development.

GOALS AND OBJECTIVES:

(Covers FY2017: July 1, 2016 – June 30, 2017)

LEADING GOAL #1

Forge effective public and private partnerships with a focus on research, workforce development, and economic development.

OBJECTIVES and KEY STRATEGIES:

❖ **Applied Research**

- A. Support further development of innovative technologies with the Commonwealth's research universities including but not limited to Virginia Tech (VT), Old Dominion University (ODU), and University of Virginia (UVA)
- B. Maximize use of expertise available through the IALR's partnership with VT
- C. Polymers: Identify and collaborate with those utilizing polymers (commercial and academic) to expand knowledge and improve processes

- D. Agriculture: Work with VT and other agricultural organizations on understanding the performance of key crops/plants/soil to identify and develop commercialization opportunities.
- E. Expand partnerships with farmers

❖ **Business Recruitment and Development**

- A. Obtain agreements with existing industries for contract research to be performed at IALR
- B. Support and assist economic developers within IALR's footprint with recruiting new businesses
- C. Continue and improve collaborative relations with:
 - Southern Virginia Regional Alliance (SVRA)
 - Virginia Economic Development Partnership (VEDP)
 - Mid-Atlantic Broadband Communities Corporation (MBC)
 - Commonwealth Center for Advanced Manufacturing (CCAM)
 - Port of Virginia
 - Virginia Department of Agriculture and Consumer Services (VDACS)
- D. Enable expansion of existing industry through applied research partnerships
- E. Strengthen and support entrepreneurs (i.e. Launch Place and/or university partners)
- F. Support SoVA Motion/National Tire Research Center (NTRC)/_____ (GCAPS)

❖ **Workforce Preparation**

- A. Support the Dan River Region Collaborative (DRRC) by supporting the region's efforts to become a Certified Work Ready Community (CWRC) and encouraging the use of the National Career Readiness Certificate (NCRC)
- B. Support the Capstone program in collaboration with Danville Community College (DCC)
- C. Support the Academy of Engineering & Technology (AET) in collaboration with K-12 school divisions, New College Institute (NCI), Virginia State University (VSU), and DCC
- D. Continue partnership with K-12 school divisions throughout the region
- E. Continue partnership with the Southern Virginia Higher Education Center (SVHEC) and NCI (collectively the Southside Higher Education Coalition) as mandated by Title 23, Chapter 16.5, Code of Virginia

- F. Continue to serve as the location for the Governor’s School, Averett University (AU), and VT classes
- G. Utilize IALR adjunct faculty to develop guest lecture partnerships and short courses in partnership with Averett University, Danville Community College, and Virginia Tech

LEADING GOAL #2

Build the region’s STEM (Science, Technology, Engineering, Mathematics) Capacity

OBJECTIVES and KEY STRATEGIES:

- A. Continue to provide camp opportunities for K-12 students
- B. Continue to support development of a regional “career expo” to expose middle school students to career paths and opportunities
- C. Upgrade equipment in the STEM Mobile Lab to accommodate more students
- D. Collaborate to obtain a larger STEM Mobile Lab to accommodate more students
- E. Co-sponsor and produce the annual STEM-H Summit
- F. Continue involvement with the State’s STEM-H pipeline initiatives and increase work-based learning/training programs
- G. Identify and implement opportunities to assist K-12 teachers in obtaining STEM-H endorsement
- H. Collaborate with regional industries and work with local school systems to provide opportunities for teachers to gain on-the-job experience that may be taken back to the classroom
- I. Support development of career pathways aligned with the identified industry sectors and STEM-H opportunities
- J. Continue partnerships with state and national STEM organizations

LEADING GOAL #3

Secure local, regional and national exposure

OBJECTIVES and KEY STRATEGIES:

- A. Effectively communicate relevant to IALR’s mission IALR’s message as a valued regional leader in applied research, advanced learning, workforce and economic development.

- B. Increase and improve the marketing message and exposure
- C. Increase the number of meetings and conferences held at IALR
- D. Increase number of site selection consultants, state and regional stakeholders, as well as existing and perspective industries visiting IALR
- E. Actively seek opportunities for IALR staff to provide presentations at events held regionally, state-wide, and nationally
- F. Continue to develop and maintain good working relationships with the Governor and his Cabinet, state legislators, locally elected officials, state agencies, industry leaders, and educational partners