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

<u>LEADING GOAL #2</u>

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

<u>LEADING GOAL #3</u>

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