

Advanced Learning (AL) Updates

August 2023

NEW GRANT AWARDS/CONTRACTS:

1. \$238,415 from AmeriCorps for the Dan River Year (DRY) program to support improved STEM and literacy outcomes for elementary and middle school students. Funds would support 37 members.

PENDING GRANT APPLICATIONS/CONTRACTS:

1. \$246,433 to SCHEV for IALR to serve as the GOVA Region 3 V-TOP Innovative Internship lead to support capacity building and expansion of work-based learning opportunities.
2. \$18,616 to the National Center for Mobility Management's Community Mobility Design Challenge to develop an innovative strategy, leveraging the REACH Partnership, to support Medicare citizens in Pittsylvania County with transportation to access healthcare.

PERSONNEL UPDATES:

1. Jill Collins hired as the Region 3 GO TEC Program Coordinator. Jill started on May 15, 2023, and will be based at IALR.
2. AL Supervisors have completed FY23 Performance Reviews for their team members.
3. AL Supervisors have discussed FY24 goals with their team members.
4. Kianna Dillard, Advanced Learning WBL Coordinator, was crowned Ms. Full Figured Virginia 2023.
5. Dr. Julie Brown received the inaugural "Hometown Hero" award from the City of Danville's Office of Economic Development.
6. Evan Jones [Region 4 GO TEC Training Coordinator] and his wife, Allison, welcomed a new baby girl – Charlotte – on July 19th.
7. Jake Taylor graduated from Leadership Southside on May 24, 2023; he was recognized during the Danville Pittsylvania Chamber of Commerce Annual meeting at IALR.

AMERCORPS:

- Three members and two staff attended the Virtual VA Volunteerism Summit hosted by the Virginia Service Commission, May 9-11th.
- Summer member orientation – ten members

Dan River Year (DRY) AmeriCorps

Current: 5 HT, 13 MT (DSC –1, BGC Danville – 1, BGC Martinsville – 3, IALR – 6, DCBTP – 2)

REACH Public Health AmeriCorps

Current: 5 half-time members; one member completed service

- Partnered with DPCS for Social Services "Handling Challenging Situations" workshops on May 2nd – 45 participants
- Hosted "Mind Over Body" workshops: House of Hope May 3rd – 7 participants
Holiday Village May 4th – 12 participants; Gretna Health & Rehab May 9th – 11 participants;
Hilltop Gardens May 15th – 7 participants; House of Hope June 7th – 11 participants; Averett
June 27th – 11 participants
- Hosted "Heart Healthy" workshop at Hilltop Gardens June 15th – 6 participants; Holiday Village
June 28th;
- Hosted "Nutrition" at Heritage Towers June 28th; Roman Eagle May 19th – 27 participants

- Hosted “Let’s Talk About Blood Sugar!” at Holiday Village May 31st – 13 participants; Heritage Towers May 31st – 5 participants
- Secured permit from the City of Danville for the REACH AmeriCorps sign at 772 Main.

GO TEC (Great Opportunities in Technology and Engineering Careers)

REGION 3 & Administrative

- ❖ Jake and Jan met with Matt Kellam & Jermail Foster with Dominion Energy regarding curriculum collaboration opportunities for GO TEC’s Energy Module. Micro credential on Major Clarity was discussed. They also expressed interest in being on the GO TEC state advisory board. [May]
- ❖ GO TEC will be represented in *VDOE’s Pathways for the Future: Experience Works* training video.
- ❖ Curriculum collaboration continued with K12 divisions: Halifax County on engineering modules, Pittsylvania County & Grayson County on Mechanical Engineering, Pittsylvania County & Wythe County on Mechanical and Electrical Engineering, Grayson County on Electrical Engineering (Arduino Uno), Pittsylvania County and Grayson County on Capstone Project.
- ❖ Working with Christen Church Law Firm (previously with Gentry Locke) on Contributor Release Agreement
- ❖ Jake and Jan held a virtual meeting with Realityworks regarding hydroponics/Precision Agriculture Module and the accompanying curriculum.
- ❖ Monthly meetings with In-Region Coordinating entities.
- ❖ Submitted Q2 report to DHCD covering April – June activities.
- ❖ GO TEC Team designed a matrix for teacher compensation that includes curriculum products, mentoring, and other activities.
- ❖ Met with d’Vinci Interactive to further discuss curriculum and program needs regarding content management, teacher/student access, data, interfacing with existing school division student information systems, etc.
- ❖ Met with Jeremy Smith, DCC Director of Automation & Robotics to review the Automation & Robotics module and the IT Coding & Networking modules.
- ❖ GO TEC Team began work on the first Capstone Project to be introduced to students regardless of module options. It is the Metrology Based Escape Room, consulting with Nicole Brumfield.
- ❖ Working with Pitsco Education on a Success Grant that would provide GO TEC partners with a discount for Pitsco items and create a revenue-sharing stream back to the GO TEC program.
- ❖ Jill networked with VDOE to influence revisions to Computer Science Standards and implementation-specifically for the middle school.
- ❖ Completed the welding module.
- ❖ The team will redesign the healthcare module to focus on healthcare technologies
- ❖ Julie, Jake, and Jan attended GOVA Region 3 “ALL HANDS MEETING” Networking at SVHEC [May]
- ❖ GO TEC will be represented in the VDOE training entitled, *Pathways for the Future; Experience Works*. GO TEC information will be featured in a video being presented by the former GO TEC Program Manager, Dr. Tammy Hurt. The video will be featured on the VDOE site for the next school year.
- ❖ Attended the virtual webinar called, *Manufacturing Day 2023; Getting the Word Out*.
- ❖ Tech Support:
 - Completed VR Headset Cable replacement for Tunstall Middle School’s Lincoln Welding Simulator.
 - Provided 3D printer troubleshooting and laser cutter refresher training for OT Bonner instructor, Archie Stroud. P
 - Provided remote support for Grayson County High School’s vertical hydroponic unit. The PLC was determined to be faulty. Heather Croushorn with HYVE mailed replacement part under warranty. Scheduling to perform the PLC change out later this summer with Region 1 Coordinator Tim Kilbourne.

- Provided Lincoln Welder Simulator troubleshooting and recalibration at Chatham Middle School.
- ❖ Evan provided laser cutter and Haas machine troubleshooting/repair and 3D Printer training for Nottoway Middle instructor, Tara Wilkerson. Set up a print queuing system for student and instructor use. Supported 3D printer troubleshooting for Charlotte County Central Middle instructor, Jennifer Swarts. Provided 3dPrinter maintenance to comply with suggestions from Cumberland Middle’s DOE review.
- ❖ Jake provided outreach activities at Sontag and Snow Creek Elementary schools, two feeder schools for GO TEC’s Franklin County Schools program on the GO TEC mobile lab. ~90 students from Sontag Elementary and ~60 students from Snow Creek Elementary were introduced to GO TEC pathways and participated in an engaging hands-on activity in the pathway of Automation & Robotics. [May]
- ❖ Jake and Jan participated in the DMCS Partner Meeting.

REGION 1 [Tim Kilbourne]

- ❖ Assisted Washington County, Norton City, Dickenson County, and Bristol City Schools in finalizing their module selection for next year.
- ❖ Held the first Regional Advisory Council meeting. Jake, Jill, Julie, and Jan attended for support.
- ❖ Tim presented GO TEC at STRONG ACC about the program and its growth in Region 1 on May 17th.
- ❖ United Way unveiled its building plans publicly on May 19th. This will be the new home of the GO TEC lab in Region 1. The building and permanent lab space are set to be completed in July 2024.
- ❖ Temporary GOTEK lab and office space near United Way offices in Abingdon.
- ❖ Met with Year 2 GO TEC teacher, Ashley DeCarme, in Russell County and brainstormed next year’s needs for training sessions.
- ❖ Finalized equipment orders through the Amtek Company and CWD for lab space.

REGION 4 [Evan Jones]

- ❖ GOVA Region 4 Council and the GOVA State Board approved CCAM’s per capita request to equip five labs in Region 4: Hopewell, Petersburg, Surry, Dinwiddie, Colonial Heights
- ❖ IALR is working with CCAM to execute the Visitor Access and Confidentiality Agreement for the IALR GO TEC staff to be housed at CCAM.

REGION 5 [Alecia Stancil]

- ❖ Provided Dobot Magician support and training at Lindsay Middle School instructor, Michelle Lassiter
- ❖ Met with Jason Dudley, ODU MIBE, to brainstorm next year’s needs for training sessions.
- ❖ Met with CTE Directors for Region 5 to finalize training dates.
- ❖ Met with the Amtek Company to discuss Brooks Crossing demo lab and helped finalize equipment orders.
- ❖ Hampton Roads Workforce Council has secured funding from the Navy to support GO TEC Career Connection expansion in Region 5.

EmPOWER: career exposure/engagement and Work-based Learning (WBL) system

EXCITE (Exploring Careers through Industry Teacher Externships)

- EXCITE Orientations were held on June 6th, 15th and 29th
- 14 Educators participated in the June Cohort and 8 in July. [22 Total]
- 17 Organizations hosted educators:

2Witches Winery & Brewery/Cauldron	Animal Medical Center
Axxor	The Bee

Benchmark Community Bank
Danville Utilities
Henry County Public Safety
IALR
Longwood
Pathfinders Resources
Prince Edward County Administrator's Office
Virginia Department of Forestry

Comfort Systems USA, Mid-Atlantic
Farmville Area Chamber
Hitachi
Kegerreis Digital Marketing
Mid-Atlantic Broadband
Press Glass
Rogers Heating & Cooling

Internships:

- 8 interns from Patrick County Public Schools (with Patrick County Public Schools and EMI)
- 45 interns from Danville Public Schools
- 17 interns from Pittsylvania County Public Schools
- Hosted both the PCS and DPS Internship boot camps, June 6-8 and June 12-14 respectively
- LinkedIn Workshop for PCS Intern Bootcamp (Audia) on June 6th and DPS Interns on June 10th (Audia, Brian)

Apprenticeship (ExTRA)

- Registered Spitzer Inc. of Callands, VA as Sponsors of an electrician apprenticeship program. Employer plans to provide RA opportunities for youth and adults-05/03/23; Program Q&A meeting on June 14th.
- Tori presented VA DOLI Youth Registered Apprenticeship Certificates to seven SVHEC Career Technical Academy students during the CTA Awards Ceremony [May]
- Natori Neal hosted the Danville-Pittsylvania County Chamber's Member to Member Webinar-sharing information about Apprenticeship and ExTRA on June 13th
- Assisted existing sponsors with related technical instruction needs, grant funding questions, apprentice registration process, and selection procedures:
 - Axxor- multiple meetings; RTI provider discussion with Manufacturing Skills Institute (MSI)
 - O-I –Employer tour of Virginia Technical Institute and RTI needs discussion with Executive Director
 - Comfort Systems MidAtlantic USA [May]
 - Southside Mechanical - Registered two plumbing apprentices [June]. RA Sponsor now has six apprentices.
 - Blair Construction - Registered their first carpenter apprentice [June]
- Provided stakeholder RA education and program development technical assistance to:
 - Patricia's Childcare
 - Sellers Brothers Inc.
 - IALR Conference Center
 - Serenity Cabinets
 - GSO Aviation
 - United Way of Southwest Virginia
 - Barrigon Plastering, Inc. (Caesars Project)
 - Kegerreis
 - Walraven
 - Hurricane Fence Co. (Caesars Project)
 - CCE Specialties (Caesars project)

Sector Focused Camps:

- Four camps held in June (Redstone, Robots, & Racing; IT Career Exploration (SVHEC); Construction Trades (VTI); and Healthcare (Averett/ Sovah Health). Focus is on 8th-10th grade aligned with GO TEC areas.

MajorClarity

- Executed a one-year contract with MajorClarity contract ('23-'24). Fourteen K12 systems in Region 3 continuing with the platform
- Initial meeting with MajorClarity to discuss data collection and micro-credentialing
- 56% platform usage as a region for the school year. Three school divisions with over 70% usage: Buckingham (79%), Martinsville (79%), and Amelia (73%).

Camps, STEM Outreach, Fieldtrips:

- June 12-16: Redstone, Robots, and Racing: 10 participants, grades 8-10, partnership with GO VA, GO TEC, GCAPS
- June 19-23: Would you Survive/Building Buddies: 15 participants, grades 3-8
- June 26-29 IT Career Exploration- 12 participants
- June 26-29 Construction Trades- 10 participants
- June 26-29 Healthcare: 9 participants, grades 3-8
- June 26-30 Makerspace/Inventor's League: 16 participants, grades 3-8
- 6/20 Franklin County Gifted: 24 students (workshops: Let's Go to Mars, lifting jack, Microscopy)
- 6/22 Peace Center STEM Outreach (48 Students served)
- 06/20/2023 Piedmont Summer Regional Governor's School Outreach (Grades 4 and 5) STEM Activities (electrical engineering and CAD) GO TEC Team
- 06/27/2023 Piedmont Summer Regional Governor School Outreach (Grades 7 and 8) GO TEC Team

IALR Internships

- Dr. Brown and eight IALR interns visited Washington, DC on July 19th. Visits with Senator Warner and Rep. Good; met with Kaine's Education policy staff.
- End-of-summer presentations and luncheon was held on Aug. 2nd for interns and invited guests.

IALR Scholarships:

The following AL staff members attended K12 Division ceremonies to present the IALR STEM Scholarships: Dana Silicki (Franklin, Mecklenburg); Jan Brooks (Pittsylvania); Brian Stanley (Martinsville); Kiana Dillard (Henry County); Jessie Vernon (Halifax). Recipients were given a copy of *The Future Normal* by Rohit Bhargava and Henry Coutinho-Mason. Scholarship funds will be sent directly to recipients' colleges.

REACH Partnership

- Cassandra attended the *Building Resilient Communities* virtual conference in May.
- REACH hosted blood pressure and blood sugar clinics at Heritage Towers and Holiday Village in May
- REACH Partnership was represented at the Festival in the Park on May 20th
- REACH Partnership was represented at the Pittsylvania County Vendor Fair on May 18
- REACH has rekindled presence at DRHA: Ingram Heights 05/17/2023; Cedar Terrace 05/25/2023; Cardinal Village 05/31/2023
- Cassandra attended the Virginia Chamber of Commerce Virginia Health Care Conference in June
- Cassandra attended the "Community Mobility Design Challenge" application informational webinar to determine eligibility to apply for funding 06/29

Wonder Community

82 members

Classes this quarter:

- 5/2- One-on-One Workshop with Danville Science Center on Cricut (2 Members attended)
- 5/12- Intro to Google Suite (3 attended, 2 from Danville Speech and Hearing Center)
- 5/18 - Fishing Southside Virginia, Part 2 - Let's Fish (4 Members, 2 Presenters)
- 5/23- Intro to Canva - (12 attendees)
- 5/25 - Cricut Workshop, HTV Shirts – (6 attendees)
- 6/1 Mail Merge with Christy Harper -1
- 6/6 One-on-One Class: Keyboarding Class
- 6/7 Digital Planning with GoodNotes, 1 member at IALR presented by Brian
- 6/12 One-on-One Class: Intro to Excel - 1 attendee
- 6/16 Fishing Southside Virginia Part 3, 9 members, 2 presenters (Audia and Jacob)
- 6/23 - Intro to Canva, - 6 students
- 6/27 - Painting Workshop, 10 members, presented by Brian

AET (Academy for Engineering and Technology)

- ❖ 2023-2024 Enrollment:
 - 13 PCS and 7 DPS Juniors; 22 PCS and 1 DPS Seniors
- ❖ Senior Awards Breakfast 5-10-23 (25 Seniors, 25 guests, and 8 partners/teachers in attendance). Graduates represent IALR's 8th AET cohort, each earning 32 credits from DCC during their Junior and Senior years
- ❖ PCS AET Open House Aug. 7th at IALR
- ❖ 2 AET Interns (Mia Davis-LE&D and Spence Thomas-IALR) participating in 112-hour internships
- ❖ Finalizing contract with DCC for AET instructor for the 2023-24 school year.

College	Students
DCC	6
VCU	3
ODU	2
James Madison	2
Sweet Briar	2
William and Mary	1
Longwood	1
Radford	1
VSU	1
Hampden Sydney	1
Keiser University	1
Blackbird Academy	1
Averett	1
Va Tech	1
UVA	1

Intended Major	Students
Engineering	13
Computer Science	2
Cybersecurity	2
Kinesiology	1
African American History	1
Hospitality	1
Art	1
Aviation	1
Business	1
Nursing	1
Precision Machining	1

AL TEAM DEVELOPMENT/PD/Community Engagement & Stakeholder Meetings/Personnel

- Audia Harris and Cassandra Shelton volunteered at Danville Public Schools' Office of Exceptional Children [OEC] Field Day event on May 5th, representing IALR.
- Tori attended Jobs for the Future Partnering with a Purpose: Building Partnerships to Drive Equitable RA meeting on May 4th.
- Tori attended the *Urban Institute Apprenticeship Occupations and Standards Center of Excellence: Tools to Expand Registered Apprenticeship in the US* webinar on May 22nd.
- Dana and Audia received First Aid, CPR, and AED certifications
- Audia participated in the Danville Public Schools Field Day at Dan Daniel Park
- CampFest at Carrington Pavilion – Dana promoted summer camps
- SERVE365 - Community Resource Fair, ~40 came to table for DRY, Wonder, STEM Camps and Computer Classes
- Brian and Audia introduced VEX Clawbots to students at Woodland Elementary on May 31st
- Natori Neal was accepted into DPC Chamber's 2023 Leadership Southside Program
- Dr. Julie Brown presented GO TEC and the EmPOWER framework to an international audience during the *Organization for Economic Cooperation & Development's (OECD) Disrupted Futures Conference* on June 1st.
- Dr. Brown served on a panel with Susanne Bell, DRF Senior Program Officer, at the May Virginia Funders Network annual conference in Roanoke.
- Dr. Brown coordinated a visit and tour with the Sorensen Institute on June 16th.
- Dr. Brown assisted with a visit and tour from the Ohio Manufacturer's Association on July 12th.

UPCOMING of INTEREST:

1. Dr. Brown will present the GO TEC and EmPOWER works programs to the Transatlantic Business & Investment Council on Aug. 8, 2023 in Atlanta.
2. Career Expo (West event at Hampden Sydney) is September 20 -21, 2023.
3. Career Expo (East event at the Old Dominion Ag Center) is September 27 -28, 2023.