

A-B Tech EDUCATION Journal

FALL 2017

**Former Mayor Terry
Bellamy Leads Work Ready
Communities Effort**

**A-B Tech Tackles Opioid Epidemic
Veterinary Tech Program Ranked
Nationally**

ABTech
Community College

A-B Tech EDUCATION Journal

FALL 2017

4
Harvey Haynes
Balsam Building to be renamed in honor of President Emeritus Harvey Haynes.

4
Culinary and Hospitality
Culinary and Hospitality programs hailed as a National Model Program.

5
Opioid Recovery
Responding to the national opioid crisis, the college offers more counseling and recovery services.

6
Campus Museums
A-B Tech is home to the Smith-McDowell House and the Asheville Radio Museum.

7
Veterinary Medical Technology
Veterinary Medical Technology program selected as one of the top 30 programs in the country.

7
Surgical Technology
Students receive rare surgical training opportunity through Smith and Nephew.

8
Work-Ready Communities
Terry Bellamy leads Work-Ready Community effort for A-B Tech and Buncombe County.

10
Workforce Programs
New courses launched for today's job technology needs.

11
No Limits Radio Show
A-B Tech's bi-weekly radio show on WRES enters fifth year.

12
Welcome, New Board Members
A-B Tech welcomes Matt Kern, Ron Edgerton and Keynon Lake to its Board of Trustees.

12
Campus Apiary
A-B Tech's bee yard produces its first jar of honey after being established in 2016.

13
Campus Events

14
News Briefs

15
Calendar of Events

A-B Tech Education Journal is published by the Asheville-Buncombe Technical Community College Office of Community Relations & Marketing.

Publisher
Dennis King, Ed.D.

Managing Editor
Kerri Glover

Writer
Martha Ball

Graphic Designer
Lisa Alford

Photography
Sean Ainsley
Martha Ball
Josh Weaver

Board of Trustees

Chair
Mary Ann Rice

Vice Chair
John Parham Jr., M.D.

Gene Bell
Bruce Briggs
Wayne Brigman
Joe Brumit
Ron Edgerton
Mike Fryar
Matt Kern
Jacquelyn Hallum
Keynon Lake
Roger Metcalf
William Murdock
Frances Ramsey

Student Government Association President
Iris Frost

Asheville-Buncombe Technical Community College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate degrees, diplomas and certificates. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Asheville-Buncombe Technical Community College.

Equal Opportunity Educational Institution

All rights reserved. No parts of the material printed may be reproduced or used in any form or by any means electronic or mechanical, including photocopying, recording or by any information storage retrieval system without the permission of the publisher.

143,000 copies printed at a cost of 12.4 cents each.

ABTech
Community College



OPIOID RESPONSE, PAGE 5



VET TECH PROGRAM, PAGE 7



TERRY BELLAMY, PAGE 8

A Message from the President



Dennis King

A-B Tech’s Fall Semester has been busy and productive for our faculty, staff and students. We kicked off the semester with a professional development exercise that is tied to our strategic plan for the College, specifically identifying attributes that we want to assure are deeply embedded into every aspect of A-B Tech’s culture. More than 450 employees gathered and collectively came up with the following culture of service statement:

A-B Tech commits to demonstrating an inclusive and welcoming culture of respect, integrity and support for everyone.

You will begin to see this statement and “respect”, “integrity” and “support” integrated into the

College’s branding and communications, as well as into our procedures and interactions with students, each other, and our community. I will provide relevant updates as we progress.

A-B Tech also had the good fortune this fall to hire former Asheville Mayor Terry Bellamy to coordinate the Work Ready Communities and UpSkill WNC initiatives for our Economic and Workforce Development Department. Mrs. Bellamy is meeting with local business and industry leaders to discuss the advantages of recognizing the Career Readiness Certificate (CRC) exam, which is offered at A-B Tech. We are so pleased to have someone with her deep knowledge of the local business community on board.

In August, we also celebrated the wonderful news that our acclaimed Veterinary Medical Technology program was selected as one of the top 30 vet tech programs in the nation by VeterinarianEDU.org. All credit goes to the program chair, Dr. Lori Tapp, and her dedicated instructors for running an excellent program and turning out graduates who have achieved a 100 percent passing rate on their licensing exam for the last two years.

On a more somber note, the College was forced to address the opioid crisis this fall, following the on-campus fatal

overdose of a student in July. His courageous and generous mother, Anne Seaman, has since helped us organize a response to assist and educate our students and the community. I want to offer my sincere gratitude to Mrs. Seaman, who has filmed a video for our students, appeared on our radio talk show, and assisted the College with other efforts. I hope you will read more about how A-B Tech is addressing the crisis and reach out to anyone you know who may be struggling with addiction.

Sincerely,

Dennis King
President

VISION

Changing Lives, Strengthening Communities

MISSION

Dedicated to student success, A-B Tech delivers quality education to enhance academic, workforce, and personal development.

VALUES

Excellence, Integrity, Supportive Learning Environment, Innovation, Service, and Engagement

BALSAM BUILDING TO BE RENAMED IN Honor of Harvey Haynes



Harvey Haynes

The Balsam Computer Technology Center will be renamed the Harvey L. Haynes Building in honor of A-B Tech's second president and long-time trustee.

Haynes acquired property, expanded facilities, and added college transfer programs to the nearly three dozen career programs the College already offered during his presidency from 1975-1990. He also established a Skills Center, the first of its kind in North Carolina, to help expanding industries or those considering relocation to Asheville. During his career at A-B Tech, Haynes is credited with bringing 72 industries to Western North Carolina. He also launched another pioneering initiative, the Small Business Center. This is the third building to be named for Haynes. The building that bore his name at A-B Tech Enka was vacated. The Rhododendron Allied Health Building was demolished.



Culinary and Hospitality Hailed As A National Model Program



The American Association of Community Colleges, Community Colleges of Appalachia and Appalachian Regional Commission visited A-B Tech's Culinary and Hospitality programs during a two-day tour in September.

The group visited National Model programs in the tourism and hospitality industry. The visit included student-prepared meals and tours of the Culinary and Hospitality facilities on the A-B Tech Asheville campus, a visit to A-B Tech's Craft Beverage Institute of the Southeast in Enka, and educational programs, where guests learned more about the innovative aspects of A-B Tech's programs.

"It is thanks to Shelia Tillman (Associate Dean of Hospitality Education) that the Hospitality Education Program is what it is today. Her innovation and vision have helped guide the college's program through growth and change," said Dennis King, A-B Tech President.

A-B Tech's acclaimed, nationally recognized program, which is celebrating its 50th year, has trained thousands of chefs, bakers and hotel management staff throughout the region and beyond. The student Culinary Team has competed at the national level 10 times, more than any other college in the country, winning the national title in 2007.

Learn more at abtech.edu/culinary.



A-B Tech President Dennis King with review team.

A-B Tech Addresses Opioid Crisis

WITH MULTI-PRONGED RESPONSE

A-B Tech was forced to confront the opioid epidemic this year after the fatal overdose of a student on campus in July, as well as other fatal student overdoses off campus and several on-campus incidents in which students were revived.

Heather Pack, director of Student Support Services at A-B Tech, says nine out of 10 students seeking personal counseling report a problem with addiction. In addition to individual counseling, Pack and her staff also lead Addiction Recovery and Coping (ARC) sessions and recently began on-campus recovery support group for students.

With the opioid epidemic affecting virtually every aspect of society, A-B Tech has responded in a variety of ways, including professional education for faculty and staff, stepped-up counseling and recovery services, and partnerships with law enforcement and recovery groups.

Stuart Moseley, the 30-year-old A-B Tech student who suffered a fatal heroin overdose, left his classroom on July 3 and never returned. His body was later found in a nearby restroom. Moseley's mother, Anne Seaman, said he had been using opioids off and on for the past 12 years, had been through periods of homelessness, and attempted recovery several times.

After her son's death, Seaman reached out to A-B Tech to help provide the College with resources to respond to the opioid crisis, hoping to support students who may be struggling with addiction and convince them to seek help. She filmed a video for A-B Tech that is being shown to all incoming students, appeared on the College's radio talk show, and is helping Pack start the recovery support group.

"It's no longer an epidemic here in Asheville, it's an emergency," Seaman said. "It cuts across all socioeconomic and demographic lines. It's just everywhere. Some people bury it. I have chosen not to bury it."

Before her son's death, he had been clean for about nine months, Seaman said. He lived with his parents, was working in the kitchen at a religious retreat, and was enrolled part-time at A-B Tech, where he was working on an associate degree in network security.



Seaman doesn't know why Stuart started using again. "All it takes is one bad decision. Once you flip that switch in your brain, you cannot turn it off. It's a constant fight," she said.

A-B Tech also is working with Red Oak Recovery, a rehab facility, to provide training for faculty and staff on the warning signs and physiology of addiction, as well as resources for students. The College also has had officers from the Buncombe County Sheriff's Department opioid task force present at several meetings.

"Responding to this epidemic is a priority as we seek to support our students and their families," said A-B Tech President Dennis King. "We are especially grateful to Mrs. Seaman for her courage and generosity. She is making a real difference for our students and community."

Listen to Mrs. Seaman discuss her son's addiction at abtech.edu/opioids.

Spotlight on Campus Museums

It's a little known fact that A-B Tech Community College's Asheville campus is home to two unique museums. The historic Smith-McDowell House is Asheville's first mansion and the oldest brick structure in Buncombe County, while the Asheville Radio Museum holds one of the largest collections of amateur and vintage radios in the country.



The Smith-McDowell House is open from 10 a.m. to 4 p.m., Wednesday through Saturday with closings on certain holidays. Admission is \$9 for adults, \$5 for children 8-18 and children 7 and under are free. Group tours of 10 or more persons may be scheduled by appointment. Please call 828-253-9231 or email smh@wnchistory.org to schedule a tour. Special pricing for tour groups is available.

The Western North Carolina Historical Association is tasked with the preservation and promotion of the history of Western North Carolina through the care and presentation of the Smith-McDowell House. WNCHA also sponsors several educational programs throughout the year through lectures, exhibitions, publications, and related events.

The four-story mansion was constructed in the 1840s for James McConnell Smith. His daughter Sarah Smith-McDowell and her husband, William Wallace McDowell bought the house after her parents died. It is a blend of architectural styles dating from its original 1840 construction and additions completed in the late 19th and early 20th centuries.

The house also features special history exhibits in its gallery rooms. The grounds are an official Treasured Tree Preserve and were designed by Frederick Law Olmsted, Jr. in 1900. The museum's grounds are also home to the Buncombe County Civil War Memorial.

The home will be decorated with authentic period Christmas decorations and its annual Twilight Christmas Tour is



scheduled on December 8 between 6 and 8 p.m. Tickets must be purchased in advance. Decorations will remain up through January 6.

The Asheville Radio Museum is located in Elm 315 off Fernihurst Drive on campus and is open from 1 to 3 p.m. Fridays, March through November; however, special appointments can be made. Admission is free.

The museum was formed by a small group of amateur radio operators in 1999 and all current members are volunteers. A-B Tech's Engineering and Applied Sciences division has hosted the museum since 2001.

"The collection was recently reorganized so we could become a teaching museum," said Stuart Smolkin, Treasurer and Curator, for the Southern Appalachian Radio Museum, Inc., which owns and operates the museum. "Through signage, Powerpoint presentations, personal tours and a cell phone based audio tour later this year, we teach what a radio wave is, how radio was discovered and made practical, how radios work, and how the technology has developed over the years."

A web site also educates visitors on the history and impact of radio on rural Western North Carolina. In addition to containing newspaper articles from 1927 when Asheville's first commercial radio station (WWNC) launched, it includes many articles on the impact of radio on farmers. "Radio was the internet of its age, giving isolated farmers information on weather so crops could be harvested before a storm moved in, on crop prices so crops could be taken to market when prices were high, on how to improve per-acre yields, how to prevent animal illness and treat sick animals. In addition, it brought timely news and a variety of entertainment shows to farmers and rural city dwellers alike," Smolkin said.

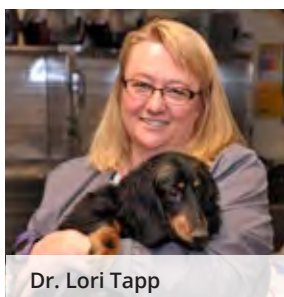
Visit avlradiomuseum.org or wnchistory.org.

VETERINARY MEDICAL TECHNOLOGY EARNS NATIONAL RECOGNITION



Veterinary Medical Technology Student Lawrence Hartje holds a cat while Instructor Meghan Fortner demonstrates examination techniques.

A-B Tech's Veterinary Medical Technology program has been selected as one of the top 30 programs in the nation by VeterinarianEDU.org, an organization that serves as a dedicated resource for current and aspiring Veterinary Technology students.



Dr. Lori Tapp

This is the only program in the state selected for this honor. There are 219 Veterinary Medical Technology programs in the U.S.

"Much, if not most, of the credit for this goes to Dr. Lori Tapp, the Chair of that Department, who along with her dedicated and excellent instructors, work tirelessly to ensure student retention and success. They work very hard to bring in outstanding students, train them with rigor, and graduate

them as desired Vet Techs throughout this region of the country," said Dr. Jon Wiener, Interim Dean of Allied Health.

A lecture hall on the third floor of the Ferguson Allied Health and Workforce Development Building has been dedicated in Dr. Tapp's honor for her commitment to the students at A-B Tech.

Factors used to determine the list include a combination of cost and financial aid, along with the number of programs offered. In addition, they consider student-teacher ratios, and employment/career counseling services. Finally, graduation rates were an important aspect when considering what schools to feature.

"The program began using a competitive admissions process similar to that used in nursing, which has allowed us to attract high quality applicants," said Dr. Tapp.

A-B Tech's Veterinary Medical Technology is fully accredited by the Committee on Veterinary Technical Education and Activities (CVTEA) which is a committee of the American Veterinary Medical Association (AVMA). Each year students sit for the Veterinary Technician National Examination and for the past two years, the College has had a 100 percent pass rate.

Surgical Technology Students

RECEIVE RARE TRAINING OPPORTUNITY THROUGH SMITH AND NEPHEW



Surgical Technology students at A-B Tech were able to get hands-on training in a cadaver lab through Smith and Nephew, maker of advanced medical and surgical products.

The second year students worked with area orthopedic surgeons on September 22 to perform hip and knee joint replacement procedures on cadavers in A-B Tech's surgical technology lab suite in the Ferguson Center for Allied Health and Workforce Development.

Four stations were set up (two hip and two knee) where students worked with the surgeons as well as radiography faculty and students. They used fluoroscopy on the hip procedures, which was set up in the actual operating room lab space.

Craig Murdock, a 2006 graduate of A-B Tech's Surgical Technology program, was responsible for initiating the cadaver lab collaborations. After graduation, Murdock went to work at Mission as a surgical technologist. That ultimately led him to Smith and Nephew where he has worked for eight years.



Bellamy Leads Work Ready Communities Effort for A-B Tech and Buncombe County

Terry M. Bellamy has been hired at A-B Tech Community College as the Work Ready Communities and UpSkill WNC Consultant to assist with workforce development related issues through Buncombe County's Work Ready Communities Initiative.

Work Ready is an initiative for Buncombe County that is centered around individuals bettering their employability and job-related skills by taking the Career Readiness Certificate (CRC) exam. Individuals take the CRC, a WorkKeys Assessment program created by ACT. The assessment is offered at A-B Tech.



The CRC assess essential workplace skills that enhance employability by verifying proficiency levels in the areas most employers require. For employers, the CRC certification ensures that employees have the skills that their company or industry deems necessary and that individuals are ready to work. Employers who recognize the CRC during the hiring process indicate that the CRC certification holders have decreased onboarding costs and maintain an increased retention rate over non-certificate holders.

A-B Tech is representing Buncombe County in an effort to earn gold certification by having more transitioning workforce members take the test and by recruiting 201 employers to support the initiative.

Jacob Holm is one of the area employers who currently support the CRC after expanding their manufacturing facilities beginning in 2014. "We had 60-65 employees we needed to hire here in Asheville," said Anna McQueen, Director of Human Resources at Jacob Holm. "The question was, how were we going to find individuals that will be trainable. As a maker of nonwoven fabrics, we are different from other manufacturers."

The assessments done were able to determine what skill sets were needed for each job and what the basis of learning in those positions would be. "If you have a CRC, you get more weight added to your application and a better chance for an interview. It will get your foot in the door quicker. We found out after doing the process that the employees we hired with CRCs were more trainable and more committed," said McQueen.

Bellamy, who served as the Mayor of the City of Asheville from 2005-13, has been meeting with industry leaders and business owners to discuss the advantages of recognizing the CRC within their hiring practices. The CRC is a portable credential that is recognized by thousands of employers throughout the United States.

"In 2011, North Carolina's State Board of Education began to use the CRC results for high schools in their READY school accountability model," Bellamy said. "In 2013-14, there was a big push in the recognition and implementation of the CRC and Work Ready Communities initiatives with the Department of Public Instruction leading the Career Readiness Certificate adoption efforts along with North Carolina Community Colleges, and the North Carolina Chamber of Commerce. It's a great collaboration from the workforce development side, as well as the employers' side."

Bellamy, who would like to see 2018 as the Year of Workforce Development in Buncombe County through an ongoing collaborative recognition of all of the training programs that are available within the area and speaker series, also stressed employers often advertise for positions that are based on job descriptions that do not fully recognize the needs of the job, which impacts training. Through the job profiling that is available through the CRC process, employers can get a more accurate and complete picture of their organization's needs for specific positions.

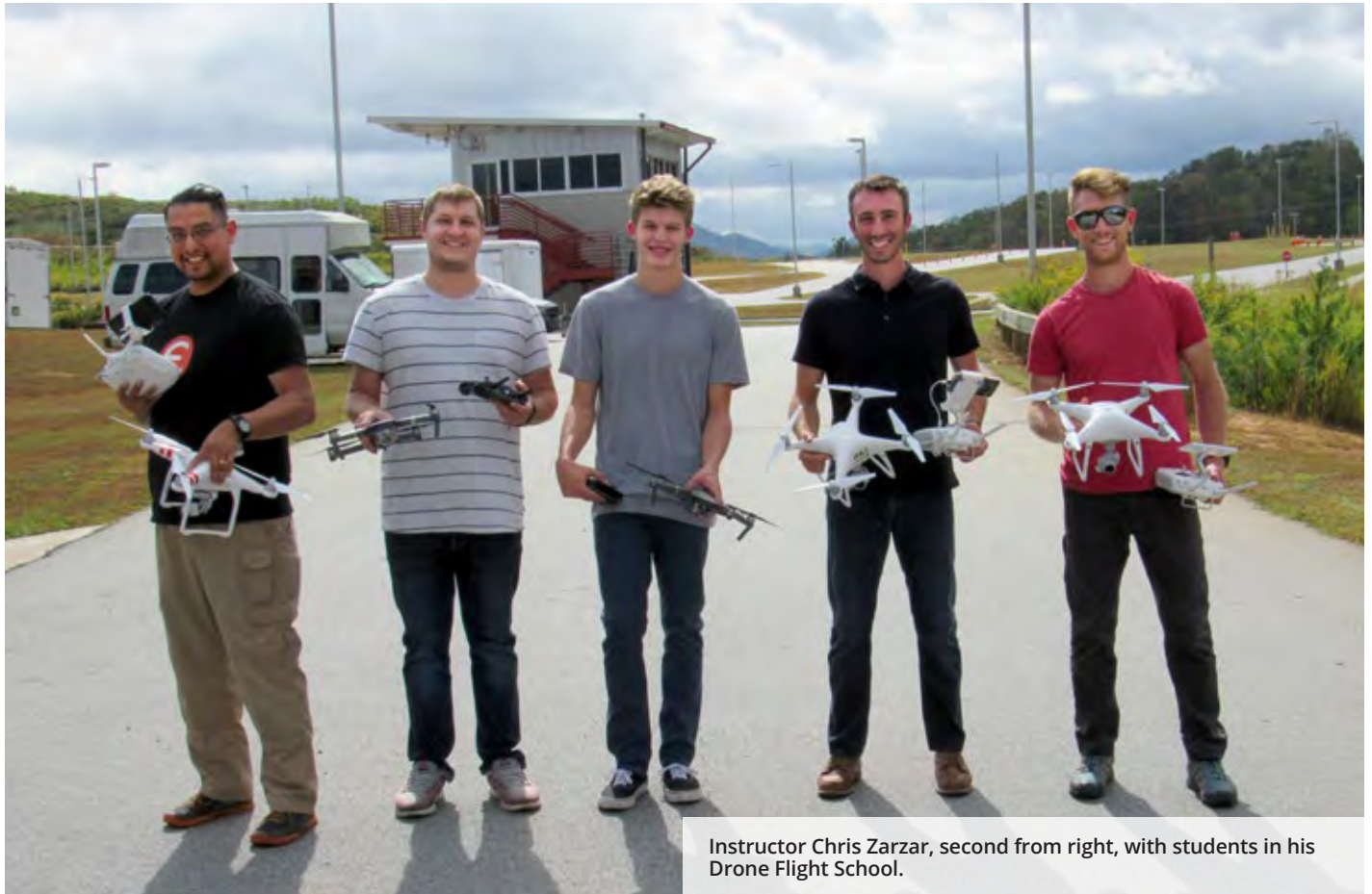
For more information, contact terrymbellamy32@abtech.edu.

Buncombe employers currently recognizing the ACT WorkKeys Career Readiness Certificate

- National Wiper Alliance
- Starr Electric Co Inc
- Green Opportunities
- First Citizens Bank
- Asheville Area Chamber of Commerce
- Asheville-Buncombe Technical Community College
- Precision Restoration Services
- Blue Ridge Land Surveying Inc
- Alicia Sisk-Morris CPA PLLC
- Big Frogs Custom TShirts
- Kirlin Carolina's
- Grand Discovery Consultants LLC
- Tar Heel Capital Corporation dba Wendy's
- Restaurants
- Goodwill Industries of Northwest NC
- Baker Roofing Company
- The Biltmore Company
- Buncombe County Schools
- Charter Communications
- Community Action Opportunities
- Friday Staffing
- Asheville Staffing Resources
- Jacob Holm Industries
- Altec Industries Inc
- Ward and Smith P.A.
- Alliance Tractor Trailer Centers

A-B Tech Workforce Programs

DRONE PILOT, WEATHER FORECASTING AND GIS BASICS



Instructor Chris Zarzar, second from right, with students in his Drone Flight School.

Dr. Christopher Zarzar is teaching several new course offerings at A-B Tech, including Drone Flight School, Drone Remote Pilot Certificate Training Part 107, and the upcoming GIS Basics and Weather Forecasting Essentials.

With growing interest in drone technology for commercial use, offering classes to the community enables area residents to obtain cost-effective, high-quality training. A graduate of UNC Asheville, Zarzar earned his Ph.D. in Earth and Atmospheric Sciences. Over the past several years, he has utilized drone technology, atmospheric science and geographic information systems (GIS) to conduct numerous research studies. He is also an sUAS commercial drone pilot.

“Drone technology, geographic information systems and weather forecasting are tools that have workplace applications for today’s environmentally changing world,” said Maria Spadaro, Continuing Education Business and Hospitality Coordinator. “Learning how to integrate these tools on the job can offer huge economic advantages to areas such as emergency services, agricultural, forestry management, engineering, construction and outdoor recreation to name a few.”

The Drone Part 107 will be offered again in January at A-B Tech Madison. Look for Drone Flight School in summer 2018.

GIS Basics is offered in April. Students will learn how GIS aids efficiency and management of geographic data, the difference between vector and raster files, how to conduct simple geographic analyses and how to acquire and use data.

The Weather Forecasting Essentials class will give participants the ability to produce a more accurate point forecast for a particular location. Topics include weather forecast interpretation, weather terminology, surface observations, the challenges of mountain forecasting and weather models.

“Weather impacts everyone, but understanding how to predict the weather can be mysterious,” Zarzar said. Besides weather enthusiasts, a number of industries benefit from being able to forecast the weather.

For more information on these classes, contact Spadaro at marialspadaro@abtech.edu.

A-B Tech's "No Limits" Radio Show

ENTERS FIFTH YEAR WITH HOSTS DUANE ADAMS AND LERONICA CASEY

A-B Tech's bi-weekly "No Limits" radio show on WRES 100.7 FM began as an experiment in September 2013. Four years later, the show is still going strong, airing live every other Wednesday at 11 a.m. and replayed several times throughout the week.

The College also recently added an archive of all recorded shows to date, searchable by topic and date, at abtech.edu/NoLimits.

The radio program covers a wide range of topics related to the College and the community, including segments on financial aid and scholarships, job opportunities, how to start a business, academic programs, and community resources.

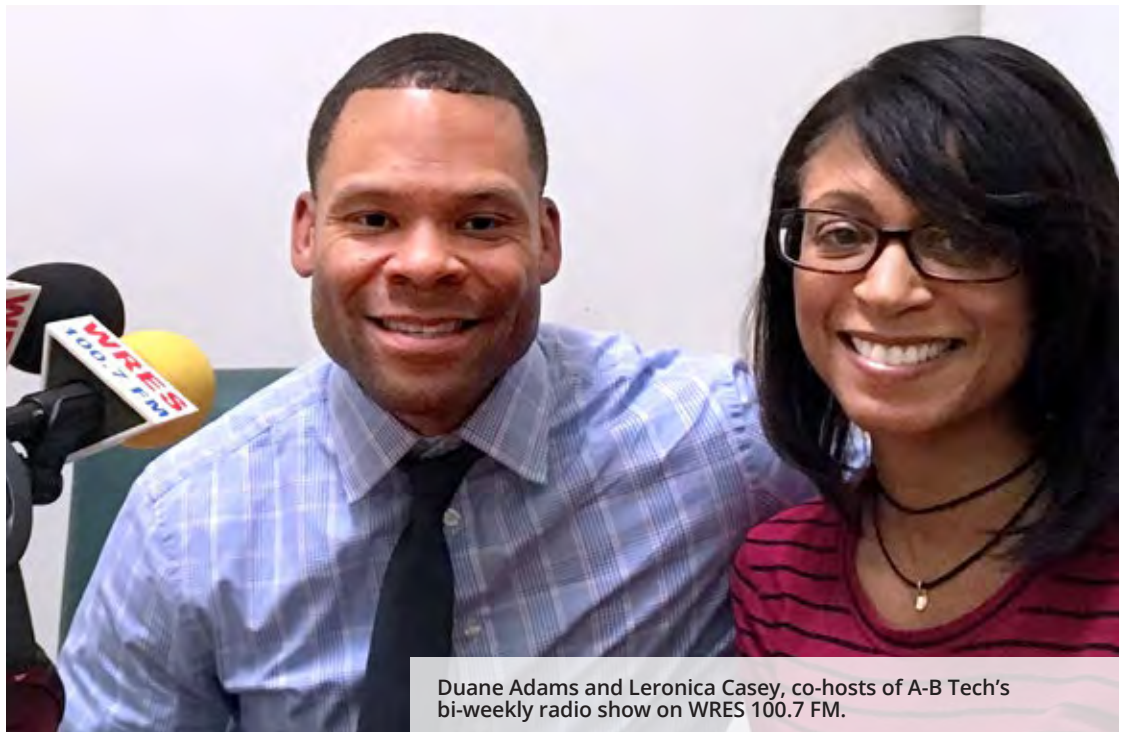
Most recently, No Limits dedicated a show to the opioid epidemic that is currently gripping the community and A-B Tech, which lost a student to a fatal overdose on campus last July. The student's mother, Anne Seaman, was featured on the show, along with Student Support Services Director Heather Pack and Bob Cummings of Red Oak Recovery. A recording of the show is posted at abtech.edu/opioids.

The current co-hosts of No Limits are Duane Adams, Associate Director of the A-B Tech Small Business Center, and Scholarship Coordinator Leronica Casey. Adams and Casey work to find topics relevant to the community and students, line up guests, and script the programs.

In Adams' role at the Small Business Center, his focus is to assist clients with conceptualizing and developing businesses, provide resources to entrepreneurs and small businesses, and collaborate with area economic development partners. Adams has been a small business owner and has an associate's degree from A-B Tech and bachelor's and master's degrees from Montreat College. Casey is an Asheville native who worked at Buncombe County Government in the Office of Minority Affairs and Department of Health and Human Services prior to joining

A-B Tech. She has an associate's degree from A-B Tech and a bachelor's from UNC Asheville.

The No Limits show was the brainchild of WRES and Empowerment Resource Center co-founder John R. Hayes. A longtime supporter of A-B Tech, Hayes suggested that its annual sponsorship fund a program to help inform the local African-American community about the many



Duane Adams and Leronica Casey, co-hosts of A-B Tech's bi-weekly radio show on WRES 100.7 FM.

opportunities available to area residents at the College. A-B Tech also co-sponsored a forum for middle school boys with WRES in 2015 and a fundraiser honoring Hayes last August. Currently President and CEO of the Empowerment Resource Center and WRES, Hayes also served as president of the Asheville Branch NAACP for 16 years.

Learn more at abtech.edu/NoLimits.

WELCOME, New Board Members

Matt Kern



Kern was appointed by the Buncombe County Board of Commissioners on June 12. Born in Greensboro, NC and then moved at a young age to Erwin, Tennessee, he was raised on a 30-acre farm deep in the Appalachian Mountains. Growing acres of burley tobacco, corn and potatoes, as well as picking up many hay bales taught Matt the value of hard work and respect for the land. Kern attended Western Carolina University and received a BS in Environmental Health and a Masters of Public Administration(MPA). He started his own

residential construction company, M.C. Kern Contracting, Inc, in 2003. Matt has also been a Co-Organizer of the very successful French Broad River Festival, Inc. since 1997.

Ron Edgerton

Edgerton was appointed by the Governor on July 13. He was more than four decades of leadership experience in high tech industries. Edgerton has turned struggling companies into success stories with a focus on customer driven strategies and highly effective management of superior R&D teams, worldwide sales, global marketing and operational organizations. He is currently a board member of Tempo Semiconductor. Edgerton holds a Bachelor of Business Administration (Summa Cum Laude) and a Masters of Business Administration in Finance and Accounting from Western Michigan University. He is on the Board of Trustees of the Asheville Art Museum and serving on the Audit Committee and Marketing Committee. He is on the Board of the MANNA FoodBank where he serves on their Audit Committee and Chairs the Advocacy Committee.



Keynon Lake



Lake was appointed by the Buncombe County Board of Commissioners on September 5. A native of Asheville, Lake loved basketball, so much so that he was one of the best basketball players in the state during his high-school career. After playing college basketball and having a brief career playing professional abroad, he made his way back home to Asheville where he has been working for Buncombe County Health and Human Services for the past 15 years. The bulk of his work has been social work in the form of Child Protective

Services, and more recently Community Engagement social work. In 2012, Lake started the My Daddy Taught Me That movement with a Book, followed by a Men's Development Youth Program. Today he is a public speaker, author, social worker, community activist, and CEO/Director of My Daddy Taught Me That. Lake has found a passion in helping others and has a special gift working with youth.

Campus Apiary PRODUCES PURE SWEETNESS



A-B Tech now has honey from an apiary that was established on campus in Spring 2016 by English Instructor Erik Moellering, Biology Instructor Russ Palmeri and former Sustainability Technologies Instructor Josh Littlejohn.

Moellering and Palmeri presented the official first jar of honey to President Dennis King. King also took a hands-on tour of the bee yard, complete with bee suit with Moellering, Palmeri and Littlejohn.

The hives were built on campus for the educational opportunities they provide to biology courses and STEM Friday presentations during the semester. The hives are protected from bees by an electric fence on campus.

According to Moellering, the honey bee colony, best classified as a "superorganism," is a biological marvel. The level of coordination and communication and the biological means the bees use to achieve this is truly magnificent.

Moellering also received a mini-grant from the Honeybee Conservancy/Anthophilous for the bee yard and received a beekeeping beginner kit, which will include: two bee hive bodies, hive frames, telescoping metal cover, bottom board, inner cover, entrance feeder, bee smoker and fuel, bee brush, and hive tool. The College also received one queen bee, her court and a three-pound package of bees.

Currently, the project is sponsored by Wild Mountain Bees (wildmountainbees.com/) and Brushy Mountain Bee Farm (brushymountainbeefarm.com/).

Campus Events

MANUFACTURING DAY OPEN HOUSE OCTOBER 5 AT A-B TECH

A-B Tech Community College hosted a Manufacturing Day Open House October 5, where attendees learned about Advanced Manufacturing and discovered options for enhancing skills or finding a new career. Manufacturing Day is a celebration of modern manufacturing meant to inspire the next generation of manufacturers.

Demonstrations throughout the Open House included industrial controls trainers, mechanical trainers, robotics, mechatronics lab trainers and manufacturing conveyor system trainer.

Representatives from the NCWorks Career Center were on hand and Mountain Area Careers (MAC) will provide its online tool for exploring careers in advanced manufacturing. To learn more, visit abtech.edu/manufacturing-day



HOLOCAUST SURVIVOR WALTER ZIFFER SPEAKS TO PACKED AUDITORIUM

In October, A-B Tech had the honor of hosting Holocaust survivor Walter Ziffer, who spoke to a near-capacity crowd in Ferguson Auditorium. Ziffer, who was born in Czechoslovakia in 1927, told his story of surviving the Holocaust through the Polish and German invasions of his home country, his 1942 deportation, and his experiences in eight Nazi concentration camps.

"This was the most horrific event of the 20th century," Ziffer said. "It was the organized mass murder over six million people. I want you to know that the German Chancellor was not a madman. He was a vile, mean-spirited monster." His presentation was followed by a question and answer session from the audience.

Ziffer has served as adjunct faculty at UNC-Asheville and Mars Hill and is the author of "Confronting the Silence: A Holocaust Survivor's Search for God".

AUTUMN IN ASHEVILLE

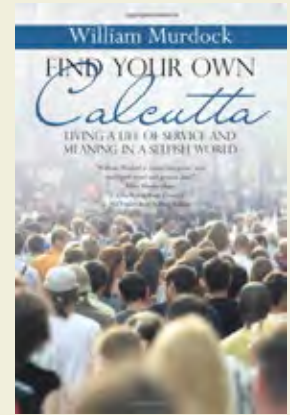
On October 19, A-B Tech's Office of College Advancement, Culinary Arts, Baking and Pastry Arts, and Hospitality Management programs, hosted the annual Autumn in Asheville fundraising event, securing donations for the Student Emergency Fund, student scholarships, and the Culinary Arts and Hospitality Management Departments. The seventh annual event transformed the grounds, dining rooms, and kitchen of A-B Tech's Brumit Center for Culinary Arts and Hospitality into a fun, vibrant country fair. Music for the evening was provided by Buncombe Turnpike, with a photo booth provided by PhotoStrip Asheville.



News Briefs

TRUSTEE MURDOCK PUBLISHES BOOK

A-B Tech Trustee Bill Murdock has written a book, "Find Your Own Calcutta," which offers a unique perspective on finding meaning in a self-centered world. Murdock is also the co-founder and executive director of Eblen Charities and the Eblen Center for Social Enterprise. Much of the inspiration for his work has come from his personal correspondence with Mother Teresa of Calcutta. In 2014, he was awarded the Mother Teresa Global Prize for Peace and Leadership along with noted author Dr. John Maxwell.



MEDICAL LAB AND PHLEBOTOMY GRADUATES HAVE 100 PERCENT PASS RATE



Medical Lab Technology and Phlebotomy graduates have a 100 percent pass rate through the comprehensive Certification Scores from the American Society for Clinical Pathology Board of Certification. Each exam requires a minimum passing score of 400. A-B Tech Medical Lab Technology students had an average score of 657 compared to the national average of 532. Phlebotomy graduates had an average score of 613 compared to the national average of 558.

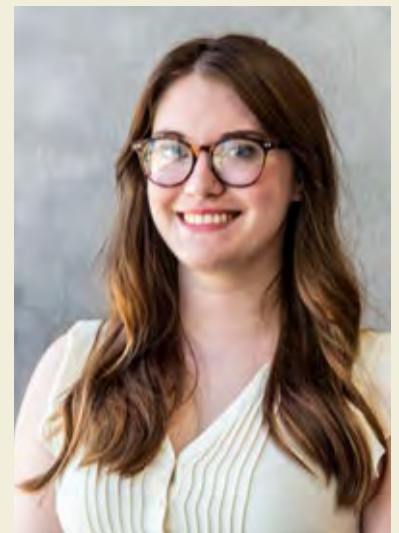
SGA SPENDING YEAR LISTENING TO STUDENTS

Iris Frost, President of the Student Government Association, is also a member of the College's Board of Trustees. Currently an Associate Degree Nursing student, she will graduate in December 2018 and works at the CarePartners Adult Day Care service.

Frost works with other members of the SGA to improve the student experience at A-B Tech. This year the SGA is taking a different approach to serving students.

"Instead of just focusing on one project throughout the year, like last year we focused on campus inclusivity, we are talking to students and taking their concerns as they come. We have heard about opportunities for improvement such as additional studying space, more tutoring, access to dietary options and we've been addressing those as they come in," Frost said.

The SGA also has partnered with community organizations, such as Eblen Charities for a coat drive and Hearts With Hands to gather supplies for Hurricane Irma relief. "We are hoping to partner with other organizations for projects they may need additional help with. We have also been meeting with the Community Relations and Marketing staff to open the vote to students for the school mascot. We hope to get the students more involved," Frost said.



News Briefs

i3 STEM SCHOLARSHIP AWARD INCREASED

In the fall term of 2015, the College was awarded a \$612,232 grant from the National Science Foundation through its Scholarships in STEM Program (S-STEM) to better serve and support targeted STEM (Science, Technology, Engineering and Mathematics) students.

STEM Scholarship is awarded to academically talented, financially needy students pursuing careers in science, technology, engineering and math (STEM). Selected students now are eligible to receive a \$4,000 scholarship per semester up from \$2,000. Students awarded the scholarship are also admitted to the companion i3 Scholars Program, an honors-type program that offers unique resources, services and activities.

"The project provides outstanding opportunities to positively influence a next generation of STEM scholars, by offering scholarships to students who show academic promise and have an unmet financial need," said Dr. Jon R. Wiener, the principal investigator of the grant and Interim Dean of Allied Health.

A-B TECH'S MCTAGGART SELECTED FOR NASA SCHOLARS PROGRAM



Jaden McTaggart of A-B Tech in Asheville was selected to travel to NASA's Langley Research Center in September to participate in the NASA Community College Aerospace Scholars project (NCAS). He was one of 304 community college students from across the U.S. to be part of NCAS and the 11th A-B Tech student that has been selected over the past five years.

McTaggart will graduate from A-B Tech in 2018 with Associate Degrees in Science and Engineering. He plans to transfer to a four-year college to earn a bachelor's degree in chemical engineering with a concentration in nanotechnology.

"NASA had always kind of been that dream job that seemed out of reach and unattainable. I decided to take a shot of it and did well enough to be invited. I can't wait to meet other students, engineers and scientists," he said.

Calendar of Events

November 27 **Spring Registration Opens for All Students**

December 9 **Last Day of Fall Classes**

December 16 - January 1 **College Closed for Winter Break**

January 8 **Spring Semester Classes Begin**

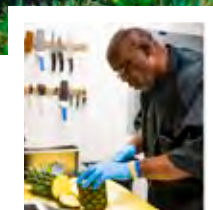
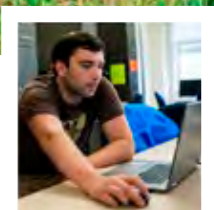


Asheville-Buncombe
Technical Community College
340 Victoria Road
Asheville, NC 28801

NONPROFIT ORG
U.S. POSTAGE
PAID
ASHEVILLE, NC
PERMIT NO. 440
ECRWSS

Postal Customer

YOUR DREAMS. OUR MISSION.



Register NOW for Spring classes
that begin January 8!
To learn more, visit abtech.edu/register.