

WNAB-TV 58 (DTV 23) ISSUES AND PROGRAMS REPORT FOR Q4 2011

WNAB has identified many issues of public interest within the Middle Tennessee community, and has addressed them through program content, public service announcements, and non-broadcast activities. Much of WNAB's community-relevant programming comes from a program called "Comments With Dr. James Haney", a weekly half-hour series broadcast on Saturdays at 6:00 AM that features prominent TSU professor Dr. James Haney discussing current community issues and events in both interview and panel-discussion segments.

The following is a brief summary of some specific issues addressed by these programs and through other means by WNAB during the fourth quarter of 2011:

EDUCATION

Comments #708, November 19, 2011, "Minorities in STEM" 23 min program Dr. Haney sits down with Dean Sam Hargrove of Tennessee State University to discuss the STEM academic programs focusing on science and mathematics, discussing how the curriculum impacts African-American students who may be culturally disadvantaged by the nature of the curriculum.

In the fourth quarter of 2011, WNAB also premiered the fourth season of our local program "**Westfield Insurance Quizbusters**". This program, taping on Saturdays throughout the series' run and airing Sunday nights at 9:00 PM starting on November 13, 2011, seeks to celebrate and reward academic

achievement by allowing students from area high schools to appear on television in an academic competition in the quest to win academic grants for their schools provided by the program's sponsor, Westfield Insurance. This year the prize awards will total over \$20,000.

This quiz show, the only one of its kind in the Nashville DMA, is designed to demonstrate the importance of getting a good education, treating participating teams in a similar way to other competitive pursuits in secondary schools (like athletic teams) and intended to foster a sense of pride and achievement in the participants (as well as in their families, friends, and classmates who watch their on-air performances).

This season we have 30 schools participating in the program. Each school's 4-person team is guaranteed at least one television appearance and is also given a tour of the station and given insight into many of the careers associated with local television as well as what goes into a television production. These benefits are also extended to team alternates and audience members as well.

At WNAB, we have a serious commitment to education in the Nashville community and we take a lot of pride in this program and value the positive feedback we receive from the community and the participants and faculty sponsors about their experience with "Quizbusters." This show represents one of our "tent-pole" efforts in serving the Middle Tennessee area and we plan to continue that tradition for years to come.

POLITICS AND GOVERNMENT

Comments #678, October 1, 2011 "Afghanistan and Pakistan" 23 min program

Dr. Haney spoke with International Studies professors at TSU to break down the political situation in the Middle East, focusing on how U.S. foreign policy affects the political climate there and what actions could be taken to cool tensions.

Comments #713, October 8, 2011, "Current Political Situation in Africa" 23 min program

Dr. Leonard Madu was Dr. Haney's guest in a discussion about the current state of poverty and unrest in many central African nations.

Comments #715, October 29, 2011, "Great Debate: President Obama", 23 min program

Dr. Al-Hadid and Dr. Haney discussed the issues surrounding Barack Obama's election to the office of President, and what having an African-American in the Oval Office means to the country at large.

Comments #689, November 12, 2011, "Nigeria, West Africa and Terrorism", 23 min program

Dr. Leonard Madu and Dr. Haney continued their focus on the unrest and poverty rampant in central Africa, this time analyzing how those conditions have fostered terrorism both on the continent and in other nations around the world.

WNAB also aired the following PSA's related to Politics and Government:

PSA 60 My American Story - Obama	Promoting the mission of service in America with celebrity endorsement from President Obama.
PSA 30 Veteran Support from Family and Friends	Promoting website supportyourvet.org, an organization dedicated to aiding veterans of Iraq and Afghanistan wars

PUBLIC HEALTH & SAFETY

Comments #706, November 26, 2011, "Revolving Door Syndrome", 23 min program

Dr. Haney spoke with a local pastor and motivational speaker who highlighted the "revolving door" problem in the local criminal justice system. Suggestions were made about potential ways to rehabilitate criminals and reduce recitivism, making our community safer for everyone.

Comments #660, December 10, 2011, "Social Justice and Incarceration", 23 min program

Dr. Haney moderated a panel discussion about the inequalities inherent in the criminal justice system, particularly in the context of those who actually suffer incarceration.

Comments #671, December 24, 2011, "President Obama and American Health", 23 min program

The discussion was about President Obama's health care initiative and how his focus on health care reform led to legislative action. They looked at the problems being addressed, what has worked so far, and where improvements are still needed.

Comments #653, December 31, 2011, "Many Faces of Despair", 23 min program

This program featured Dr. Haney's discussion with mental health professionals about the causes, symptoms, and manifestations of depression among children and adults. Warning signs were discussed and potential treatment methods outlined.

WNAB also aired the following PSAs relating to Public Health and Safety during the past quarter:

PSA 60 ADA Dental Minute	Promotes dental health; sponsored by the American Dental Association
PSA 30 Guitar Hero Dudley	Spot promoting good dental health sponsored by the American Dental Association
PSA 30 Youth Reckless Driving Eyes	Promoting roadway safety among teens from the Governor's highway Safety Council
PSA 10 Voices of Meningitis	Spot from the School of Nurses highlighting the health risks and warning signs of Meningitis. Web plug and contact info provided for more information
PSA 60 Take Control	Spot from the Ad Council and the Obesity Action Coalition addressing the problem of youth obesity; tips for healthy eating and web plug provided for more info.

ENVIRONMENT

Comments #705, October 15, 2011, "Environmental Injustices in Tennessee", 23 min program

Dr. Haney spoke with activist Dr. David Padgett about issues relating to industrial pollution in the green spaces and waterways of Tennessee. They discussed the need for more onerous, effective regulation and the potential impact of inaction on area plants and wildlife.

Real Green #R-117 10/9/11

- An urban community solves a problem with water overflow.
- An Ohio company develops a new, innovative technology turning waste into re-usable fuel.

- Creating forest buffers along a waterway to help clean up the Chesapeake Bay.

Real Green #R-124 10/16/11

- California's Chumash Indian tribe goes green.
- Visiting a training center for eco-friendly job in Britain.
- Turning waste into renewable energy.

Real Green #R-125 10/23/11

- Recycling old, left over paint into a new product.
- A British community unites to live green.
- Recycling credit and debit cards.

Real Green #R-126 10/30/11

- An onion processing plant produces energy using vegetable by-products.
- Villagers in India use a unique energy device, powered by rice husks.
- A British housing association retrofits homes to make them energy efficient.

Real Green #R-127 11/6/11

- An inventor uses recycled vegetable oil to power bio-diesel engines.
- In Pakistan, remote villagers save energy by using eco-friendly products.
- Wood fuel is turned into a viable heating alternative.

Real Green #R-120 11/13/11

- Students at the University of Massachusetts create a permaculture area on campus.
- Solving a rain run-off problem.
- Recycling zip-lock bags.

Real Green #R-128 11/20/11

- Profiling the Earth Friendly Products company, manufacturer of ecofriendlyhome and commercial cleaning agents.
- Villagers in Ghana use energy-efficient stoves to reduce green house

emissions.

- Planting a community garden.

Real Green #R-129 11/27/11

- Exploring the eco-friendly initiatives practiced at California State University, Northridge, one of the country's greenest campuses.
- Looking at cost-effective fuel cell technology.

Real Green #R-130 12/4/11

- In Northern California, we visit the Solar Living Institute.
- Exploring improvements in water-heating technology.

Real Green #R-121 12/11/11

- Taking a look at a Greenstone, a new product made from recycled glass bottles.
- Using native landscaping and water recycling as part of a sustainable living plan.
- Practical ways to recycle Styrofoam packing peanuts.

Real Green #R-131 12/18/11

- We return to the campus of the University of Massachusetts at Amherst to see the latest progress in their permaculture project.
- Creating a new green conversation community.
- Producing eco-friendly sacks and bags.

Real Green #R-122 12/25/11

- Cars for the future—the latest “green” innovations from the automotive industry.
- A small British brewery embraces energy-efficient technology.
- A recreation center manages and makes use of storm water runoff.

Eco-Company Episode 301: The Constitution State- 12/28/11 (23 min program)

Eco Company visits The Constitution State...Connecticut! We're finding out what the state is doing to reduce its carbon footprint, to encourage the development clean energies, and to provide students environmental opportunities. First Adam visits a Fuel Cell plant and finds out the technology is here NOW and being put to use! They're producing fuel cell power plants providing power for whole communities!

Then it's on to Goodwin Technical High School, where students are being prepared for green jobs! They're Valuable experience by constructing a green building from the ground up including solar panels that provide the electrical power! These guys are getting great hands-on experience and many will have jobs waiting when they graduate.

Finally neighbors offering neighborly advice! It's the Neighbor 2 Neighbor program in Portland, Connecticut, where young people are visiting homes to conduct energy audits. They switch out light bulbs to energy-efficient CFLs and provide advice on steps that will save even more energy and money!

Eco-Company Episode 302: Common Ground 10/5/11(23 min program)

When you think of Yale University you probably don't think farming. That's because you haven't heard about the Yale Sustainability Food Project. As Adam discovered, students grow food on a one acre plot on the Yale campus. Yale students are learning about sustainability in a way that you can't learn in a classroom. Meanwhile Jordan visits the Yale School of Forestry and Environmental Studies. She tours their new building built sustainably...as you can imagine!

Then, remember the movie "Back to the Future" where they used garbage to fuel the car? That time is here! Well, maybe not completely...but we found a guy in Connecticut who turns used cooking oil into biodiesel to use in vehicles AND to run a power plant! He wanted to do something with all the used grease his restaurant was throwing out...now it's a green business of its own. Adam checks it out.

Then, Summer Camp?...what a great time, right?! In this story Jordan visits a summer camp at a unique location, complete with high school

counselors. It's called Common Ground and you can find it in New Haven, Connecticut. It's an environmental camp in the Summer and a charter high school in the Fall. They're teaching and preparing the environmental leaders of the future!

Eco-Company Episode 303: Living Small - 10/12/11 (23 min program)

We all know what it means to live "large." But Brendan found one teen aspiring to live SMALL! And he's doing something about it. He's building his own "mini house." It's about 130 square feet and sits on a trailer...so he can take it with him! It's a home that minimizes the resident's footprint on the planet in both square footage and carbon output.

Then, it's a day at the farm for a group of fifth-graders! They're participating in the annual Egg Aid at Lundberg Family Farms. Each spring, before the cover crops get mowed and disced into the ground to plant the new rice crops, Lundberg Family Farms bring kids together to scour the fields and gather up duck eggs saving them from destruction! And it's a very noisy process.

What do they do with those eggs? They go to Darrold Daly, the wildfowl rescuer! He incubates them, hatches them, raises them and releases them into the wild. It takes a lot of tender loving care and he loves doing it.

Eco-Company Episode 304: Planet Connect Teen Videos - 10/19/11 (23 min program)

This special episode of Eco Company features the best of the teen videos from Planet Connect's annual video contest. Teens from Hawaii to Massachusetts submitted their video that demonstrated an "Ocean Connection," how our actions can affect the environmental health of the oceans.

The videos selected to be highlighted in this show demonstrated great creativity and a variety of approaches...from demonstrations and animations to dramatic presentations and...even a little dance!

Soda cans, plastic bottles, shopping bags and even farm fertilizers...we learn how simple actions can contribute to pollution and destruction.

Eco-Company Episode 305: Finding Tone Wood - 10/26/11 (23 min program)

There is a green alternative to almost any product imaginable. But green guitars? A group of guitar manufacturers are working together to harvest tone wood sustainably and responsibly. Taylor Guitars is doing that and much more.

The manufacture and distribution of new clothing takes a lot of resources and a lot of energy. But there are other ways to be in style while saving money and protecting the planet. Jalena finds one place and gets some bargains. The teen Jordan meets two young fashionistas with a passion for the planet. They have the right formula when it comes to recycling and setting a fashion trend!

Southern California teen Jordan Howard kept asking why they were learning about global warming in her high school classes. She didn't think it was important, she couldn't relate and she thought it was for hippies. Then she learned that she could personally make a difference and that everyone can make a difference. Now she's a keynote speaker, a book editor, a video producer and director, developer of Rise Above Plastics for Teens and a board member for several environmental organizations. It was an amazing about face for this inspiring teen.

Eco-Company Episode 306: Household Toxins - 11/02/11 (23 min program)

It's a story everyone should see!! Household toxins...paints, aerosols, pesticides, insecticides, household cleaners, batteries, CFLs...many with dangerous carcinogens. What to do with them? How to get rid of them so they don't get into the environment and our water supplies. Take a few minutes to watch this story.

Then, where does all the plastic and trash go once it gets into the Pacific Ocean? A lot of it ends up in what is known as the Pacific Garbage Patch,

an area of swirling waters twice the size of Texas. A scientific mission called Project Kaisei takes us out to the Northern Pacific Gyre to take a look and to remove as much of the waste as they can. What they find there is very shocking.

Meet Gerty! A Volkswagen Super Beetle. But she's no ordinary bug. The Bheda family turned Gerty into an electric car! It was a project that involved the whole family. Jalena got the story...and a ride!

Finally, we hear a lot about global warming now days. Is it the environmental issue of our time? Should we all be really concerned. What are the facts? Eco Company wanted to learn more in terms we can all understand. Adam is on the story and filed this report.

Eco-Company Episode 307: Bugs, DNA & Redwoods - 11/09/11 (23 min program)

In this science-themed show, Jordan visits the Bohart Museum of Entomology on the campus of the University of California - Davis. There she finds displays with over 1 million bugs, insects and other invertebrates. Little did she know that she would end up holding a HUGE walking stick, found on some of the Caribbean Islands!! She also went in search of butterflies and found that they are affected by climate change. It's a story for bug lovers!

Some very interesting research is taking place at the Department of Energy's Joint Genome Institute. We're talking DNA from thousands of years ago extracted from permafrost!! Brendan paid them a visit to get the scoop on the latest studies with implications regarding climate change, and there he found two teens in lab coats helping out!

Then, trees that go back to when dinosaurs roamed the earth. Some of them can live more than 3,000 years! They are the majestic Redwoods. But what does the future hold for them? Is climate change affecting them too? Jalena talks to biodiversity scientist Dr. Healy Hamilton to find out.

Finally, geothermal energy...photosynthesis...sounds like work for scientists, right? These scientists are teens and they're learning about renewable energy and more at a national lab. They are part of the Berkeley Lab Internship Program. This program is very hands-on and these students are doing research for energy projects, building websites and making videos.

Eco-Company Episode 308: PET Plastic Recycling - 11/16/11 (23 min program)

We all know to recycle...at least the basics...paper, glass & plastic. But what happens to all that stuff? How does it get reused? We decided to find out how all the plastic we recycle gets made into something else. So into a plastics recycling center we went.

Over 95% of the clothing sold in the U.S. is made overseas. But Eco Company found one woman who would like to change that. Jalena and some other teens visited Rebecca Burgess on a plot of land she farms. But they weren't picking veggies! They helped pick and separate the flowers and leaves from plants that will become natural dyes...some for blue jeans! It's all an effort to buy local...even for your clothes!

Then Eco Company introduces you to an accomplished teen! Re-energizing his high school's recycling program, relentlessly pursuing solar panels for his high school, serving on his city's Environmental Sustainability Task Force and acting as co-director of an environmental non-profit. Yes, Jason Bade wasn't your average high school student. He's a guy of action who doesn't take no for an answer...and has left quite a legacy at his high school. Eco Company catches up with him to find out how he does it all.

Eco-Company Episode 309: Paper, Pulp & Packaging - 11/23/11 (23 min program)

30 Days. 30 Different Themes. 30 different challenges. That's what Project Green Challenge is all about. Created by Teens Turning Green, it's a challenge to help teens go from a conventional lifestyle to a

conscious lifestyle in 30 days. Teens overwhelmingly responded to the challenge. Josh visited TTG to learn more about it.

Then, millions of beautiful Orchids and Poinsettias! It's Rocket Farms in Salinas California, one of the largest flower growers in the country. But in addition to growing many varieties organically, they run a very sustainable operation. What does that mean? Jalena paid them a visit to find out and walk among the beautiful flowers.

We recycle our printer paper, newspapers and cardboard, right. Yes, of course you do. But do you know what happens to all it? Eco Company went to a recycled paper mill to see how it all happens, and we were surprised at what it becomes! Josh has this story.

We profiled Alec Loorz a few years ago when he was just 14 and learned he was an incredible crusader for the environment. He had created Kids vs Global Warming and the SeaLevel Awareness Project, he had written a Declaration of Independence from fossil Fuels, and he had been trained as a presenter for Al Gore's The Climate Project. With all that behind him we wanted to know what he's been up to since. We caught up with him at an iMatter March that he had organized.

Eco-Company Episode 311: Crabs, Plastic & Beaches - 11/30/11 (23 min program)

This episode is all about how our actions affect the natural food chain in our oceans, protection of marine life and the health & beauty of our beaches. We're probably unaware of the critters that live and thrive beneath the sand, critters that are an important part of the food chain and the balance of nature. Nut Brendan met up with some teens who are looking for sand crabs and documenting the ebb and flow of its population. It's a real story of budding scientists.

Then Jessica finds a group teens who spent their summer at the beach...in Costa Rica! They're members of the Environmental Science Academy at Oakland High School and their trip to Costa Rica inspired

them to do their part to reduce the use of plastic. And they brought that message back to their school!

Santa Monica High School is just a few blocks from world famous Santa Monica Beach, a great reason for the students here to take a special interest in keeping it clean and free of trash. The school's multi-awarding Team Marine does that and a lot more! Yes, they clean the beach, but they also regularly test water quality, lobby against single use plastic bags...and recently built a solar boat! Adam catches up with them on the beach to see what they're up to.

Eco-Company Episode 312: Teens Taking Action! - 12/7/11 (23 min program)

Teens taking action everywhere we go! First up, Jessica meets the teens behind Students For Solar Schools. They started the organization which is a network of schools working together to get solar power installed at their school facilities. They started with their very own Westlake High School in Thousand Oaks, California. It was an achievement they'll never forget.

San Ramon Valley High School has a very active environmental club, E2, that runs the school's recycling program and built an organic garden. But one member had an idea to save water in the community. Dana Wilke got the town council's approval and support to create a new campaign, "Just Say Water." Eco Company gets the scoop.

Then meets up with Ally Maize, the founder of the Green Youth Movement. She finds that Ally is doing great things working with elementary and middle schools. Plus she drives a very unique electric car to boot! You'll want to learn more about this amazing teen.

It's lights, camera, ACTION! Brendan goes to the studio! It's the studio where the student-run TV show "The Green Screen" is taped. These teens run the cameras, edit their stories, do the graphics and man the control booth for a monthly half-show that raises awareness about

environmental issues and offers ways to solve them. It's teens with a voice in their community!

Eco-Company Episode 313: Lending an Open Hand - 12/14/11 (23 min program)

It's a place that's hustling and bustling all day long. It's Project Open Hand and they prepare 2600 meals everyday of the year for senior citizens and others with serious illnesses. As you can imagine, they have quite an operation and it requires a lot of energy. Brendan gets a tour to find out what they are doing to reduce their energy consumption and their carbon footprint while serving sustainable and organic meals to many in need.

It may look clean, but cotton is actually one of the dirtiest crops around. Cotton has a big footprint in the world. Cotton growers use 11 percent of the world's pesticides and it takes more than 700 gallons of water to grow enough cotton to make just one T-shirt. But some farmers are doing things differently and Jordan heads out to the fields to find out how.

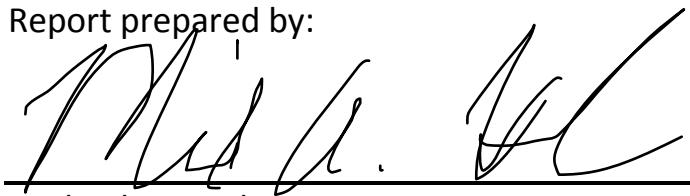
Making bricks out of mud and baking cookies in a solar oven. Sounds like great fun, right! Jalena takes her shoes off in a visit to the School Farm to help stomp on the ingredients to make adobe bricks . It's squishy fun!

WNAB also aired the following PSA's relating to the Environment and conservation during the fourth quarter:

PSA 15 National Parks Project	Celebrity Spokesman Kenny Chesney highlights the importance of maintaining the beauty of our national parks. Web plug and infor provided.
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See attached for a complete list of the PSA's aired by WNAB in the fourth quarter of 2011.

Report prepared by:

A handwritten signature consisting of the letters "M" and "A." followed by a period and "H" and "O" and "O" and "K".

Michael A. Hook, WNAB Program Director

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Date