Millersville University students are shifting sustainability into drive for their newest project.

The group of students, led by Albert Unrath Jr., instructional designer at Millersville, are leading an innovative project to convert a 1970 Volkswagen (VW) bus originally designed to run on gas to become completely powered by electricity.

The project originated when the University began searching for a way to accommodate parents and students unable to walk the full length of a campus tour. The solution had to be something that could cross public roads and be environmentally friendly. Unrath, who is self-proclaimed “innovator, car guy and environmentalist,” proposed an idea of having MU students convert an old VW bus from gas power to electric power.

Unrath designed the full project, got it approved, located and transported the bus, donated his own tools and found students to get involved from the Society of Manufacturing Engineers (SME). Unrath is working on this entire
project on his own by dedicating time to the project outside of his MU work hours.

“I have developed this project because in every vain of my life I believe in hands-on real life learning and want to encourage students to think beyond just taking classes at Millersville and getting a piece of paper at graduation,” Unrath said. “The bus will be ‘homegrown’ and will demonstrate what our students can do with a modest budget and some big ideas.”

On Friday, Oct. 9, the bus spent its final hours as a gas-powered vehicle during “The Last Gas Day.” The bus was on display in front of the Student Memorial Center where students and faculty could give the project a real-life “like” by applying their own thumb print to the side of the bus. The next step is the removal of the engine. Students will strip the VW bus of all parts and build a steel frame that will mount the bus suspension. Then, after repairing rust and assembling the electrical vehicle parts, they will complete the body and merge the electric components.

While the conversion process allows students to experience hands on work, it also advances the sustainability goals of the MU campus.

“It fits with the University’s strategic plan and what the president [Dr. John Anderson] hopes to accomplish with regards to sustainability and having a green campus,” said Unrath. “The bus will demonstrate that sustainability is within reach of everyone and doesn’t always require tons of capital. It’s a homegrown innovation suited for the real world.”

Many of the students currently working on the project have backgrounds in applied engineering, but the group welcomes students with diverse backgrounds and interests to become involved using their various talents. Conversion of the vehicle is expected to be completed by the spring semester and will be presented at the Made in Millersville showcase in April 2016.
“I have a passion for teaching students how to stretch their minds and use their hands,” Unrath said. “My hopes are that MU starts with the VW bus project and expands it to be the ‘MU Inventors’ Workshop’ as a place where any student, faculty or staff member can enrich learning through invention, design, development and application.”

Keep up with the progress of the project at http://inventorsworkshop.millersville.edu. For more information or to become involved in the project, contact Albert Unrath at Albert.Unrath@millersville.edu.

A DREAM Grant

Students with intellectual disabilities are already experiencing an inclusive educational program at Millersville University of Pennsylvania (MU). And now, thanks to a multi-million dollar grant from the U.S. Department of Education (US ED), more colleges and universities across the Commonwealth will be able to replicate MU's program. The $2.36 million grant will help to change lives and create learning opportunities.

“It’s simply profound the impact this grant will have,” said Dr. Thomas Neuville, principal investigator on the grant and an associate professor of Educational Foundations at Millersville. “The five-year grant will improve post college
employment opportunities for students in the current program “Career and Life Studies” at Millersville, as well as having it serve as a model to develop similar programs.”

“We recognized that the model program we have at Millersville could be replicated,” said Dr. John Anderson, president of Millersville. “This grant means the students already in our program will see an enhanced level of support and services, especially around internships, apprenticeships and employment when they leave here. The grant will definitely make dreams come true.”

The grant is in collaboration with Penn State University-Harrisburg and Mercyhurst University. In addition, the D.R.E.A.M. Partnership (Dreams Realized Through Educational Aspirational Model), an organization working toward providing educational opportunities for individuals with intellectual disabilities after high school, played a major role in the grant award.

Millersville University developed a pilot program as a result of a $50,000 grant in 2014 from the D.R.E.A.M. Partnership, a subsidiary of United Cerebral Palsy of Central Pa. “Over the past two and a half years, DREAM has worked with four institutions of higher education to develop postsecondary transition programs,” explained Sherri Landis, director of DREAM. “Our focus will be to find additional partners.”

The grant will fund the creation of a statewide consortium — Pennsylvania Inclusive Higher Education Consortium — dedicated to the mission of inclusive postsecondary education for young adults with intellectual disabilities and DREAM will be coordinating the symposium initiative.

“What makes the program work at Millersville is that students in programs across the University get to know each other,” said Neuville. “Typically MU students are not afforded the opportunity to learn with students with intellectual disabilities. Now they get to spend time together in a vibrant college community where marginalization is fought. This will alter the life path of not just the folks in Career and Life Studies, but of all of our students.”

Current undergraduate students serve as coaches for the people in Career Studies. Professors are involved by adding teaching strategies based on the students in their classroom. Students completing the two-year program will receive a 60-hour certificate.
The overarching vision of the program is to design and support inclusive postsecondary learning within a higher education environment.

About Career & Life Studies.
Millersville’s Career & Life Studies program enrolled their first student in fall 2014 and expanded to nine students for fall 2015. The program provides individuals with an intellectual disability an opportunity to obtain a high-quality, individualized postsecondary education that will lead to social and professional networks, careers and a bright future. Applications are continually accepted.

MU Homecoming Court 2015

Millersville University’s homecoming court includes eight finalists. The king and queen will be crowned during halftime at the football game on Saturday, October 24, 2015.
At a meeting of the PASSHE Board of Governors (BOG) on Oct. 8, 2015, Millersville University’s request to offer its third doctoral degree was approved. Classes for a new Doctor of Nursing Practice (DNP) are slated to being in summer 2016.

Millersville University’s Nursing Department has offered a highly regarded Master of Science in Nursing (MSN) program since 1992. “The approval of the Doctor of Nursing Practice degree program by the PASSHE Board of Governors is the culmination of dedicated efforts of our nursing faculty and staff. This doctoral program completes the array of nursing programs offered at Millersville that include the RN to BSN and the MSN program in Family Nursing Practice” said Dr. Vilas Prabhu, Provost and Vice President for Academic Affairs.

An assessment conducted by the Nursing Department in July 2014 confirmed that there was significant interest in the implementation of a DNP program at Millersville. The new program will provide advanced practice nurses with a high level of preparedness by building upon the MSN program through practice-
oriented, evidence-based research analysis and application within the healthcare community.

“Our goal for the program is to develop the next generation of nursing practice leaders that will have a positive impact on health care in the central Pennsylvania region,” said Dr. Kelly Kuhns, associate professor and chair of the Department of Nursing.

“This is a very exciting opportunity for Millersville University and for advanced practice nurses,” said Dr. Jenny Monn, graduate program coordinator and assistant professor of nursing. “As a DNP graduate myself, I have seen first-hand how advanced practice nurses who are educated at the doctoral level are able to meet the unique needs of a dynamic healthcare environment. Our DNP program will enable our graduates to excel clinically, while developing their leadership skills, enhancing their understanding of healthcare delivery systems and health policy, and refining their understanding of evidence-based practice.”

The American Association of Colleges of Nursing (AACN) recommends doctoral level preparation for advanced practice nurses in order to better meet the healthcare needs of the population. In 2010, the Institute of Medicine called for a 50 percent increase in doctorally-trained nurses by 2020.

The program consists of 33 credits to be completed on a part-time basis. “Approval for this program follows on the heels of our two other doctoral programs that were approved earlier this year,” said Dr. Victor DeSantis, dean of the College of Graduate Studies and Adult Learning. “Response to our Doctorate in Educational Leadership (Ed.D.) and Doctorate of Social Work (DSW) programs has surpassed our initial expectations, and we anticipate the same reception for this new degree.”

Dr. McIlwaine Named Grand Marshal

The Millersville Community Parade has named Dr. William B. McIlwaine as this year’s 2015 Parade Grand Marshal. McIlwaine, was a member of Millersville University faculty from 1958-91. This World II decorated vet, McIlwaine is a well-known educator and respected leader in the region and the surrounding
The Millersville Community Parade will be held on Saturday, October 24, 2015 @ 9 a.m. and McIlwaine is scheduled to ride in a 1945 Army Jeep.

McIlwaine served in the 3rd Army, 80th Infantry Division, and 317th Infantry Regiment. As a soldier he fought across Europe including the famous Battle of the Bulge, a major German campaign that took place in Belgium, France, and Luxembourg on the Western Front toward the end of World War II, when he was wounded by artillery fire. In May of 1945, his unit freed inmates from the Nazi concentration camp in Ebensee, Austria. He was awarded the Bronze Star, Purple Heart, Combat Infantry Badge and Four Theatre of Operation Stars for his contributions and bravery.

After the war, he pursued a bachelor’s, masters, and doctorate degrees at Boston University and later pursued additional studies at Penn State in Earth Sciences and Nuclear Sciences at Harvard University. In 1950 he married Melva and is the parent of David, Douglas, Deborah (Shenk), and Meredyth (Taylor). He currently resides in Millersville. McIlwaine taught biology, chemistry, and general sciences at the high school level before joining the faculty at Millersville University.

At Millersville University, he was a Professor of Geology and served as the first chair of the Department of Earth and Space science, chair of the Department of Elementary and Early Childhood Education, and as the university’s first director of grants and awards earning more than $1 million to the University. Among his leadership, he helped with the Geology department at Franklin and Marshall College, and developed a program in student teaching for the Navajo Indian reservation. He also served on the Pennsylvania Board of Nursing Home Administrators and is a current member of the Millersville University Council of Trustees.
On July 7, 2014, the Pennsylvania State System of Higher Education Board of Governors honored McIlwaine for his excellent academic and military service. He has received numerous accolades and awards over his life time, a few of those include being selected as a scholar to participate in the Diplomat/Scholar program coordinated by the U.S Department of State in Washington D.C. McIlwaine was selected to be the first science educator member of a delegation to visit China for a series of academic exchanges and was the recipient of the Distinguished Service Award. He also recently received the President Medallion awarded by Millersville University.

Within the community he has participated in several local, regional and national organizations such as Phi Delta Kappa; the National Collegiate Honors Council; Boy Scouts of America; the YMCA Board of Directors of Lancaster, PA; Millersville Borough Council (president 1972-74), president for the National Association Boards of Examiners of Long Term Care Administrators, and the Millersville University Foundation Board of Directors.

For additional details on the 2015 Millersville Community Parade, please visit: www.parade.millersville.edu

Vote for Your Hero

The new edition of the award-winning book, “50 American Heroes Every Kid Should Meet,” by Dr. Dennis Denenberg, professor emeritus, and Lorraine Roscoe will be released in the fall of 2016.
Ten new heroes will be added to the 2016 edition based on a public online voting contest. There is a list of 20 heroes from which voters will select 10 that they would like to see featured in the new edition. Included in the list are Barack Obama, Mark Zuckerberg, Oprah Winfrey, Louis Armstrong, Arthur Ashe, Steven Spielberg, Sonia Sotomayor, Mark Twain, Bill and Melinda Gates and more.

Proceeds of the new edition will go towards “Diana's Dreamers: Determined to Defeat Breast Cancer,” an endowment fund operated through Millersville University. The endowment is named for Diana Denenberg Durand, Denenberg's sister, who studied mathematics at MU and graduated in 1967. She was diagnosed with breast cancer in 1989 and battled the disease for 18 years. Voting closes on Oct. 31. You can help by voting and spreading the word to your family and friends on social media using “#vote4yourhero.” To vote for your hero, please visit www.vote4yourhero.com.

For more information about MU breast health initiatives including Launching the Dream: A Benefit for Breast Cancer Awareness on Oct. 25 at 2 p.m. at the Ware Center, please visit www.artsmu.com or http://www.heroes4us.com/breast-cancer-awareness/.

Winter Commencement

Millersville University’s undergraduate commencement will take place on Sunday, Dec. 13 at 2 p.m., in Pucillo Gymnasium. State representative and MU alumnus, Jordan Harris will be speaking at the graduation ceremony.

Harris represents the 186th Legislative District in Philadelphia. He was named one of the Philadelphia Tribune Magazine’s “10 people under 40 to watch” and is the president of the board of directors at Lincoln Day Educational Center, the oldest continuous operating African-American day school. He is a trustee of the Richard Allen Preparatory Charter School, a member of the Board of the Hardy Williams Education Fund and on the boards of the Ruby Bridges Foundation and the Christian Street YMCA. Prior to being elected into the
Pennsylvania House of Representatives, he was the executive director of Philadelphia’s Youth Commission, advising the mayor and city council on issues relating to city youth and young adults.

Harris received his bachelor’s degree from Millersville University in government and political affairs in 2006. He has a master’s degree in education from Cabrini College and is currently pursuing a doctorate degree in educational leadership from Neumann University.

**To Be or Not to Be**

Millersville University’s Theatre and Citamard Players are giving playwrights an opportunity to express their creativity by hosting the 11th annual 10-minute playwriting competition.

The MU Campus and Community and Lancaster County, Harrisburg and York area playwrights are invited to submit a complete play that is no more than 10 minutes long. The winner of the competition will receive a $50 Visa gift card and two runner-ups will each receive a $25 Visa gift card. Staged readings of the winning plays and other selected scripts will be presented at the Studio Theatre in Dutcher Hall, during the spring of 2016.

To enter the contest, submit a cover letter, complete contact information and two copies of the completed script to Tony Elliot, associate professor of theatre, by Nov. 30.

Submissions can be delivered to the Communication and Theatre Office, Hash 169, or mailed to Tony Elliot, Communication and Theatre Office, Millersville University, P.O. Box 1002, Millersville, PA 17551.

For more information or questions, please contact Tony Elliot at 717-871-7567 or email at tony.elliot@millersville.edu.
10/22/2015 Activities

**Dr. Mark Atwater**, Applied Engineering, Safety & Technology (AEST), had the article entitled, “Using Mechanical Alloying to Create Bimetallic Catalysts for Vapor-Phase Carbon Nanofiber Synthesis,” published in a special issue on Carbon Fibers in the peer-reviewed journal “Fibers.” The article was co-authored by three of his undergraduate research assistants, one from chemistry and two from the AEST department. It discusses a low-cost method for producing unique catalysts which are effective in the growth of carbon nanofibers. The article is available online at: [http://www.mdpi.com/2079-6439/3/4/394](http://www.mdpi.com/2079-6439/3/4/394).

**Drs. Jill Craven, Sandra Deemer, Erin Moss, Kendra Saunders, and Kathleen Walsh** presented “Female Representation in PASSHE Leadership” at both the 1st Annual Diversity Summit: Intersecting Identities at Millersville University, and at The Pennsylvania State System of Higher Education Women’s Consortium Annual Conference in Harrisburg. While at the Women’s Consortium, they were invited to give a similar presentation at a state-wide Leadership Institute in summer 2016.

**Dr. Kazi Hossain**, Early, Middle and Exceptional Education, made a presentation on “Muslims – as Scientists & Mathematicians, not Terrorist!” at the National Association for Multicultural Education (NAME) 25th annual conference, held in New Orleans, LA from October 1-4.

Congratulations to:
Need to Know: Thanks for Giving

Thank you for helping to make #VilleOneDayGive a success!
Through the many contributions received throughout the day, the goal of 500 gifts was achieved and we closed out the campaign with 532 gifts received. The total number of dollars raised was approximately $94,000 (including matching funds).

We owe a great deal of gratitude to our campus community and the many individuals, organizations and area businesses that provided matching dollars and special incentives for the campaign. Special thanks to our lead and challenge award donors.

Finally, for more information on the ways that you can continue to support Millersville University, please go to the MU website at mville.us/give2mu.

Thank you again for supporting Millersville University and public higher education for the public good.

–Aminta H. Breaux, Ph.D.  
Vice President for Advancement
Who Makes Millersville Special

This edition of Who Makes Millersville Special features Dr. Lexi Hutto, assistant professor of management and marketing.

Q: Where are you originally from?
I grew up in a suburb of Chicago just over the Indiana side of the border, Munster, Ind.

Q: What is your educational background?
I graduated from Northwestern University with a B.A. in political science, Indiana University with an MBA in marketing, and the University of Pittsburgh with a Ph.D. in business administration with a concentration in marketing.

Q: How did you become interested in studying marketing?
I literally grew up in my father’s lumberyard from the age of two and developed a love of retailing. When I was 10 years old, my dad promised, after some prodding from me, that I could start working there at 14 years old. I never brought it up again until my 14th birthday. After reminding him of his promise, which stunned him, I started working there that weekend.

Q: How many years have you been at Millersville?
I’m just starting my third year teaching here.

Q: What area(s) of marketing interest you the most?
After earning a Ph.D., I took my love of retailing to the next level. I became a specialist in retail marketing research, discovering insights about people, their motivations and behaviors. It’s very exciting to see your insights get turned into strategic and tactical decisions…and, finally, profits for your client.
Q: Do you have a favorite class to teach at Millersville? Why?
Fortunately, at MU I get to teach a bevy of classes I enjoy—Retail Marketing, Consumer Behavior, Sports Marketing and Advertising, to name a few. My top-of-mind favorite is advertising because it reflects a colorful, highly visible and dynamic aspect of marketing. Everyone can relate to it as it’s so pervasive in our culture.

Q: How do you want students to remember you?
I’d like to be remembered as a professor who truly cared about their learning. I make them stretch, but I think that’s empowering.

Q: Who or what has had the greatest influence on your life?
I’ve had many influential figures, but one who stands out is Professor Jerry Zaltman. He was the director of the doctoral program at Pitt and one of my professors there. Not only was he identified as one of the top five marketing thinkers in the world, but he was (and is) a kind-hearted, generous person. He’ll be receiving a lifetime achievement award this October. There has been a great outpouring of accolades in the build-up to this recognition.

Q: What is the most rewarding aspect of your job?
Seeing students progress and succeed is very rewarding. I like to watch their confidence grow and see them step up to greater challenges.

Q: What do you think your students would be most surprised to know about you?
Over a lifetime, I’ve studied German, Spanish, French, Catalan, Modern Greek, Ancient Greek and Latin. Spanish is my best second language, but at least I know a bit about the others.

Q: What are your hobbies outside of work?
The activity on which I spend the most time outside of work is working out. I love to do it, have been active most of my life and expect to continue on with it for the rest of my life. When I get a chance, I also love to ski, bike, hike and go camping. As an adventurer, I love to travel near and far, whether it’s taking a quick trip up to the Poconos or planning a long-anticipated journey to New Zealand.
Q: What type of music do you listen to?
I have eclectic tastes in music, listening to jazz fusion, R&B, some classical and a bit of country music. I grew up on Motown music and that’s my favorite.

Q: What is your biggest pet peeve?
Gratuitous cruelty—I can’t stand it when people are cruel to each other, especially for no apparent reason—or when they take out their hostility on innocent targets.

Q: If you could meet anyone, living or deceased, who would it be and why?
Cleopatra has consistently been someone with whom I've been fascinated. She was both powerful and alluring.

Q: What is your greatest accomplishment?
My earliest one was surviving and thriving in Barcelona, Spain, as a student at School Year Abroad during my junior year of high school. I arrived hardly being able to say, “Hola, qué tal?” (Hello, how are you?). By the end of my stay, I was rattling off a series of idioms in quick succession. I owe my success there largely to the supportive Spanish family, a widow and her daughter, with whom I lived for that year. That experience bolstered my confidence.

Q: If you could do any job in the world, what would it be?
My three top picks would be Marketing Professor, Marketing Researcher and Fashion Designer. I’ve had the privilege of working at two of those professions...and I still hold out hope for the third in some form or “fashion.”

Q: Is there anything else you want to add?
My favorite quote is “Patience is a virtue.” I've found those to be words by which to live although I don't always have a lot of patience. It's certainly something to strive for.