

# PERSPECTIVES

A publication by the Dean's Office for the faculty and staff of the College of Fine & Applied Arts

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College of Fine & Applied Arts

APPALACHIAN STATE UNIVERSITY

## Change of Plans

by Dr. Glenda Treadaway, Dean



Last Spring I shared with the College that my tenure as Dean would come to a close after the 2014-2015 academic year. Since then, we have experienced a transition of University

leadership, including the initiation of a Provost search that will not be resolved until next year. The University leadership team has decided to suspend Dean searches until the Provost position is filled so that the new Provost can have input in these decisions. This affects our college and the College of Education.

After careful consideration, discussions with my family, and discussions with all department chairs, I have made the decision to continue in the role of Dean through the 2015-2016 academic year, at which time I will go on to the next phase of my life.

While this is a personal sacrifice for me and my family, it is an opportunity for me to see certain

projects and initiatives to completion and ensure that a national search is conducted next year for a well-qualified replacement.

My goal, as it has been throughout my time serving as Dean of this college, is to continue to see the quality of education we provide

maintained and to solidify the College of Fine & Applied Art's position within the University as a leader in teaching, learning, research, and innovation. I look forward to continuing to serve the faculty, staff, and students of our college. As always, please feel free to contact me with any questions or concerns.

College of Fine & Applied Arts

## Holiday Open House

Tuesday, December 9, 11 am - 2 pm  
Dean's Office, 220 Edwin Duncan Hall



# Collaboration Between Programs to Develop Complimentary Minor

*By: Tom Mueller*

A new inter-college collaboration is underway between the Advertising Communication and Graphic Arts and Imaging Technology (GAIT) programs. Faculty from the two programs have been working to develop a complementary GAIT minor for Advertising Majors.

“We’ve been building a closer relationship with the GAIT program, taking our advertising club students to the GAIT facilities and making sure they are exposed to the output of print products,” said Tom Mueller, a faculty member who teaches in the Advertising major. “GAIT has a tremendous job placement rate for graduates and that’s something Advertising students need to be aware of. “

Advertising professors Shanshan Lou and Roger Gonce, along with Mueller, have been providing input for the new GAIT minor to George Glisan, Coordinator for the GAIT program.

“We look forward to not only having Advertising students joining GAIT students in class, but also collaborations on projects and assignments,” said Glisan. “Our GAIT students are all about designing and producing content, whether in print, on the Internet, an email, or even a vehicle cover-wrap, but the one thing they are dependent upon is content. Advertising students are all about creating content for their clients. I see this as a great relationship!”

The new minor is now being reviewed through the Academic Policies and Procedures process.

“When we reconvened in the fall, the College of Fine and Applied Arts made it clear that more collaborative efforts were encouraged,” said Mueller. “This is a great way to work with others in our college and pool our assets into a more attractive student educational opportunity.”

## Theatre & Dance Presents

[www.theatre.appstate.edu](http://www.theatre.appstate.edu)

Fall Appalachian Dance Ensemble  
November 19-22

New Play Festival  
January 29-31

Momentum Student Showcase  
January 23-24

The Countess  
February 25-March 1

Spring Appalachian Dance Ensemble  
March 25-28

The Diary of Anne Frank  
April 22-26

An Appalachian Young People’s Theatre  
Production TBA  
April 10-12

For more information visit [www.td.appstate.edu](http://www.td.appstate.edu)

# The NCCET is Lending a Hand- Literally!

By: Sid Connor

Will Kennedy, a high school senior at Discovery High School, began an internship at the NC Center for Engineering Technology (NCCET) on October 1, 2014. Discovery High School is a magnet school for Science and Math in the Newton-Conover School District. A week later, another high school senior at Patton High School, Blake Holden, began his internship and joined in the process to develop a 3-D printed hand for a young man, James Lutton, from Lenoir, NC. James was born with symbrachydactyly which restricts the growth of the (typically) left hand in the womb (See Figure 1). This happens once in 32,000 births and is no fault of the mother. James' mother, Nikki Lutton, contacted Dr. Sid Connor, director of the NCCET, requesting assistance since she had read about 3-D printed hands for children like her son. ("My son, who is now 6 years old was born missing his left hand. He has a wrist and a partial palm. We recently discovered something called a RoboHand that may work well for him and give him more use out of his left hand. I have been searching for someone with a 3D



printer who may be interested in working on this project and the closest one I found was in Atlanta, Georgia.")

She has pursued prosthetics for her son, but costs greater than \$20,000.00 are prohibitive for a 6 year old who may outgrow the device in 6 months.

The interns are assigned the responsibility to develop the hand by defining appropriate materials and processes that will provide a custom fitted hand that will provide some functionality to complete daily tasks. The hand must be proportional, comfortable, safe, and somewhat durable to survive on a 6 year old child's arm! Because of his interest and experience in 3-D printing, Will was assigned the role as project engineer. Both interns have identified various 3-D models for this type of hand; discovering early on, that the "robohand" is not the best solution.

Currently, the interns are satisfied with the research findings for the design of the hand. They have prototyped several models to better understand the issues with the hand and its functionality. They are now researching various materials and methods to create the hand and to develop the method for attachment to James' arm.

The interns are learning about research and parametric modeling. As part of the design process, they research materials and processes to make the best fitting and most comfortable



device. Learning about the biometrics of James' arm-palm interface to the 3-D printed hand helps the interns choose the best methods for processing materials that will not interfere with the mechanics of causing the fingers to move appropriately. They are challenged with the limitations of movement of James's wrist.

James was called into the NCCET with his mother to do some preliminary measurements and to assess his mobility with his current condition. A couple of prototypes were made in anticipation of his visit and he was shown those models. One was a large scale hand that clearly identified the components of the mechanisms that caused the hand to have some limited functionality. Another hand was printed and assembled based upon standard data on sizing for his age. This hand was fitted to James' arm so he could see the extent to which he could have some grasping ability. He seemed very pleased with the prospect and his mother was elated. His mother's follow-up email stated: "I just wanted to thank all of you for today and what you are doing for James. He is a *Continued next page*

### *Lending a Hand continued*

little shy around new people but talked nonstop on the way home about how cool the robot hand is. He insisted on sending the pictures to our family and his friends at school. All of you have a special place in my heart and wanted you to know how wonderful you are.”

Work will continue throughout the semester to refine the hand and develop the interface to be comfortable without interfering with functionality. We expect that James will have a new “hand” by the end of this semester!

This is an excellent opportunity for these high school students (interns) and is providing a great service to the family of young James to give him capabilities beyond what he has experienced to date! Subsequent steps for the interns in the process are to cast a mold of James’ hand; create a model of his hand from that mold; and then cast support materials to provide a comfortable and functional interface between James and his new hand. This hand will function strictly on mechanical motion and no attempt is being made at this time to interface with the nervous system to provide functionality.

**FAA Spring Faculty Meeting  
Friday, January 9, 3 pm  
Valborg Auditorium**

**News & announcements from the  
Dean**

**Wine & cheese social to follow**

## **Faculty & Staff News**

**Barbara Yale-Read (ART)** is showing a variety of work at the Inter\_Section Gallery in Winston-Salem. “LetterWorks” (see right) is a show featuring the work of two artists, Susan Davis and Barbara Yale-Read, and will open November 7, 2014. The show will be on display from November 7 – November 29 in the upstairs gallery, located at 629 N. Trade Street.



### **Ed Brewer (COM)**

attended The Experiential Classroom XV sponsored by the University of Florida in Gainesville, FL in September. The Experiential Classroom is the premier clinic for faculty who are relatively new to the teaching of entrepreneurship and the building of entrepreneurship programs. Clinic participants share best practices in entrepreneurship education from some of the thought leaders and master educators in the field. For more information visit <http://warrington.ufl.edu/centers/cei/faculty/experiential/>



### **Ray Miller (Dean’s Office/**

**TD)** delivered a Keynote Address on September 26, 2014 at Chien Hsin University of Science and Technology in Zhongli City, Taiwan. The subject for the Keynote was: “Global Understandings: Now and into the Future.”

“Modern Beauty in the Natural World,” an essay by **Sandra Lubarsky (SD)**, Chair of the Goodnight Family Department of Sustainable



Development, was excerpted in the October Utne Reader online ([www.utne.com](http://www.utne.com)). Utne Reader is “a digest of new ideas and fresh perspectives percolating in arts, culture, politics, and spirituality.” The full essay appears in “Keeping the Wild: Against the Domestication of the Earth” (Island Press, 2014).

Dr. Claudia Cartaya-Marin, **Dr. John R. Craft de Ornes Velez (TED)**, Dr. René Harder Horst, and Mr. Augusto Peña, represented Appalachian State University at the 3rd Annual UNC Hispano/Latino Faculty Forum hosted by the UNC-Charlotte Administration and Faculty. Dr. Craft served as Moderator for the session on Campus Initiatives—Recruitment and Retention of Latina/o faculty, staff, and students. Mr. Peña provided an update on the recruitment efforts at Appalachian State University. Peña discussed his role as Director, Office of Multicultural Student Development and serves as adviser to the Hispanic Student Association. Now in its 17th year, the HSA has over 560 Hispanic students as members. In 1997 when this organization was formed, there were barely 100 Hispanic students as members. *Continued next page*

### *Faculty & Staff News Continued*

Peña commented further on the growth of the Hispanic student population on campus and that Appalachian must do more to recruit from a growing Hispanic population in North Carolina. Craft announced during this meeting that the 4th Annual UNC Hispanic/Latino Forum would be held on the campus of Appalachian State University, October 2 and 3 of 2015. Javier Diaz de León, the new Consul General of Mexico assigned to Raleigh gave the closing remarks by discussing the services of his office. One of his priorities as Consul General, is to reach out to leaders from different Mexican communities in the Carolinas. He also emphasized the need to work very closely with government officials from both states, as well as with civic organizations that have been already working with the Consulate.

*The Doors of Hound Ears*, a collaborative project by **Jeanne Mercer-Ballard and Chip Williams**



(TED) with assistance from undergraduate students Summer Whitney and Hunter Smith, was accepted into the “Creative Scholarship-Design as Art competition” and Mercer-Ballard presented the work at the recent Interior Design Educator’s Council South Regional Conference held at Florida State University. Photo below left: The poster which is documentation and research behind many of the unique doors in the Hound Ears community during its first 50 years.

**Jeanne Mercer-Ballard (TED)** has received funding to support her research on the architecture of Claus Moberg. Steve Moberg, Claus’ son, has graciously established the fund and several other individuals are contributing.

**Jeff Tiller (TED)** served as keynote speaker for the Green Energy Conference at Chien Hsien University in Zhongli, Taiwan on October 17th. His presentation centered on the rationale for incorporating electrical storage in renewable energy systems, such as photovoltaics and wind projects. One aspect of his research showed how well the photovoltaic – electrical storage system for ASU’s Solar Decathlon Europe project performed.

Tiller also made a presentation on Implementation Issues for the 2012 North Carolina Commercial Energy Code to a meeting of the Southeastern Energy Codes Task Force, held as a pre-conference activity to the 2014 Southeastern Energy Efficiency Alliance Annual

Conference. The presentation, on November 4, 2014, described the many challenges to different aspects of the 2012 energy code and how objective research supplied key information to guide in decision making.

**Chip Williams (TED)**, authored an article published in the fall issue of *PDNedu* (Photo

District News) titled “Bringing Motion to Stills.” It focuses on the developments and challenges of incorporating a video production curriculum in college and university still photography programs. He further researched and explored the marketplace demands on today’s photographers requiring them to know audio, video, editing, production and storytelling. He included interviews with faculty from Syracuse University (S.I. Newhouse School of Public Communications), Daytona State University and San Francisco State University.



The online version of the article can be found at this link: <http://digitalmag.pdnedu.com/pdnedu/pdnedu2014fall - pg54>

**Paulette Marty (TD)** received the 2014 Harvey R. Durham Freshman Advocate Award for her work helping first year students transition academically into Appalachian. In her former role as Director of General Education, Marty helped enhance

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### *Faculty & Staff News Continued*

the First Year Seminar program and helped develop campus-level and state-level policies to streamline transfer of credits for incoming freshmen.

**John Marty (TD)** designed lights for an October 2014 production of *Dracula* at Temple Theatre. Temple is a regional, professional theatre in Sanford, North Carolina that produces a nine-month season of plays each year and serves as a performing arts center for the central North Carolina region by hosting a variety of touring productions.

**Kin-Yan Szeto (TD)** has recently published an article in *Oxford Bibliographies* that examines the historical, cultural, and aesthetic relationships between theater and film, and another in *Routledge Advances in Film Studies* that investigates the Academy Award-winning director Ang Lee and his cosmopolitical perspectives. In November, she will attend the executive board meeting for the Congress on Research in Dance that is currently organizing an international dance conference in Greece. Furthermore, Szeto serves as an official nominator of the Kyoto Prize in Arts and Philosophy, a prestigious international award that is similar in intent to the Nobel Prize.

## Grant Awards

**Jennifer Westerman (SD)** is the recipient of a 2014-1015 grant from the Regional Artist Project of Northwest North Carolina to help facilitate research for her creative nonfiction book project, *The Limits of Hope*, which is currently under advance contract from Texas A&M Press.



**Richard Prisco (TED)** has been awarded the North Carolina Arts Council Fellowship Grant for wood in the craft category. Prisco came to Appstate 5 years ago. He is a 20 year veteran of teaching Furniture Design and Industrial Design. Former chair of the Furniture Design Program at Savannah College of Art and Design he has assisted many students to successful careers in design. Prisco's work explores a structural aesthetic, employs a variety of materials ranging from wood, metal, concrete and glass and often utilizes digital fabrication technologies as a means to the final product rather than a substitution for craft and hand skill. The grant will be used to explore a new body of work that will be exhibited in 2015 at a North Carolina venue soon to be announced.

**Jeff Tiller and Chuck Perry (TED)** were awarded a major competitive research project from the U.S. Department of Energy for \$864,000. The 3-year project will involve an initial field study of 150 to 200 new homes investigating residential energy efficiency practices, development of innovative education/ training/ outreach programs over 2 years, and a follow-up field study of the same magnitude to determine what impact the programs had. Mr. Tiller and Mr. Perry have been conducting research and development activities in regard to energy efficiency in buildings from a technical, economic, marketing, and policy perspective for many years. Five years ago they founded the North Carolina Energy Efficiency Alliance as part of a previous Department of Energy project, funded for over \$2.5 million as part of the American Recovery and Reinvestment Act. Other recent awards include two rounds of funding from the Z. Smith Reynolds Foundation and funding from the Energy Foundation.



*Two examples of Richard Prisco's work. Left: Synchronized Swimming. Right: Out of the Blue.*

# College of Fine & Applied Arts Commencement

Saturday, December 13, 2 pm  
Holmes Convocation Center

*Be there to support your students!*



## DATES & DEADLINES

November 26	University Break ( Wednesday students only )
November 27-28	State holidays
December 5	Last day of formal class meeting pattern
December 6	Reading Day
December 8-12	Final examination period
December 13	Commencement
December 13-14	Faculty grading period
December 15	Last day to submit final grades

## *PERSPECTIVES*

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Submissions are due one week prior to publication, submitted electronically

to

[scottca1@appstate.edu](mailto:scottca1@appstate.edu)

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September 10

November 19

February 18

April 15

## *PERSPECTIVES*

### Contributing Writers & Editors

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Thank you to everyone who  
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for this publication!