

Faculty, students working to make flying car reality

By Breana Krotz

A flying car may seem like science fiction, but a team of Ohio University students and faculty are hoping their research will lead to innovations in transportation and make the flying car a reality.

"The Aero Mobile would open many doors and create opportunities for many new careers. The impact would be tremendous, similar to the impact of the interstate highway system in the 1950s," said Jim Zhu, professor of electrical engineering and faculty adviser of the team.

Scientifically known as the Aero Mobile, the dual-mode flying/driving transportation system would maximize the daily travel distance and create a new way of living. Although research is still in

the early stages, the team is currently preparing for the NASA Revolutionary Vehicle Student Competition Awards Ceremony held at the Experimental Aircraft Association Airventure 2003 Annual Convention in May. Some of the other schools that Ohio University will be competing against include Columbia University, Georgia Tech, James Madison University and the University of Virginia.

Ohio University students

and faculty have been working together on the project for two years and have made significant progress.

Currently, the team is working on models to support their research and theories and is building a quarter-scale prototype. Composed of graduate and undergraduate mechanical and electrical

engineering students, the team is led by Zhu; Greg Kremer, assistant professor of mechanical engineering; and Bob Williams, associate professor of mechanical engineering.

"Jim has really been the visionary on the project. When he came to Ohio University a few years ago,

he brought a lot of ideas with him," said Kremer, who is the team supervisor.

With a tight deadline quickly approaching, the team is hoping to test their model soon to prove that their concept is an efficient means of ground and flight transportation. After their un-manned test flight, the team must write and submit a 25-page report for the competition. If the report is selected as one of the top three in its category, then the research team will be given the opportunity to present at a NASA review meeting.

Breana Krotz is a student writer with University Communications and Marketing.



Aero Mobile prototype

Excellence abounds in Visual Communication

By Katie Fitzgerald

Two Ohio University students have recently joined the ranks of outstanding visual communication undergraduate and graduate students to be recognized in international publications and state organizations for their photography.

James Patterson, a senior photojournalism major, was recently named the Ohio News Photographers Association (ONPA) Student Photographer of the Year and received the ONPA Understanding Award for his documentary on teen pregnancy. Carolyn Drake, a first-year graduate student in visual communication, will intern at *National Geographic Magazine* this fall.

Patterson is a native of Stow,

Ohio, and has worked for the *Athena* as a staff photographer and photo editor in addition to working at *The Post* and for University Communications and Marketing. He is a member of the Ohio University student chapter of ONPA.

"I'm very proud of myself and thankful for the people that have supported me," Patterson said. "The Ohio Understanding Award is especially gratifying because I was up against some

very good professionals that have places to publish their work and are paid to do it."

After graduating this spring, he hopes to work for a publication that values visual communication.

"I want to continue doing work that connects with people and has the ability to enlighten and inform," he said.

Drake, a 1994 graduate of Brown University, was chosen from a pool of hundreds of

applicants to intern with *National Geographic Magazine* this fall.

The internship is an opportunity for Drake to get a foot in the door at a very exciting magazine and will offer her the chance to work on some projects that she wouldn't have had the opportunity to as a student.

Drake said the internship is unstructured which she sees as an advantage, allowing her to

take on several different projects. "I'll have an opportunity to observe the editorial process and sit in on film reviews, but also do some of my own shooting," said Drake, also an intern with University Communications

and Marketing.

She will have the chance to shoot a "Zip Code" feature and cover the Eddie Adams photographic workshop in New York. She will also shoot photographs around Washington, D.C.

Drake will also intern with the *Concord Monitor* in New Hampshire this summer.

Katie Fitzgerald is a student writer with University Communications and Marketing.



(left) James Patterson and Carolyn Drake. Patterson took these photos. (center) Katelyn Clymer sits on the lap of Jacob Brown during the turkey judging at the Hancock County Fair. (right) Alissa wears the engagement ring given to her by Dale. They plan to marry after they graduate from high school.



Life in full color — the Dominican way

By Carmen Pease

This is the final article in an **Outlook** series spotlighting the Ohio University Southern Campus folkography research team's work in the Dominican Republic during Spring Break.

Not many people would compare the trash-strewn streets and rough living conditions of the Dominican Republic to the Land of Oz, but that's not the case with Steve North. Although there was no yellow brick road or Emerald City, North's recent Spring Break research trip proved to be similarly eye opening.

The weeklong trip to this tiny Caribbean nation nestled next to Haiti was an application of the folkography research methods developed by David Lucas, the trip's coordinator and assistant professor of communications.

North, a senior at Ohio University Southern Campus, said this method of observing and interacting with the local community is a "productive, get-your-hands-dirty method of research that provides insight into the culture beyond what is possible through statistics alone. Folkography is about people, not numbers, and their cultures are the most fascinating things on the planet."

Because of this, North said he wanted to join Lucas's trip since the first time he learned about it. "The opportunity to see another culture and its people, not through a tourist's eyes but through those of a



(above) Steve North, a full-time pastor from Kingston, Ohio, photographed Rangelli, a little girl in San Pedro. (left) North, in the middle, works with two Dominican children.



"raw realities" of Dominican culture. He said despite the fact their material possessions are extremely limited, their sense of community, open generosity and heartening joy is what impressed him most.

"The rest of the world could learn some things from the Dominicans." North wrote in his online journal entries, posted on the Web at www.southern.ohiou.edu/folkography. "To let go of what cannot be changed at the moment, to step out of the black and white and dark blue world of self-deprivation and self-pity and to step into the world of simple joys in which the Dominicans seem to live, could color and transform all our lives."

Even though he has returned home, he hasn't forgotten how this trip into the heart of the Dominican world touched his life. He has financially adopted a five-year-old girl named Jelissa from the island and is working to get children from the town he visited to be sponsored in the same way.

"There is a bigger and better world for every child we see here in San Pedro," North wrote in his journal. "These are resourceful people who think less about what they don't have than what they do, who worry less about what they suffer than how they are blessed. And it's a humbling thing to witness."

Carmen Pease is a student writer with University Communications and Marketing.

person integrally involved with them, is one that is too rare and is more valuable for personal growth than almost anything I know," he said.

It was with a sense of awe that this trip proved to top his expectations and open him to the startling chasm between the two cultures.

"Watching some of these folks in their daily life was like stepping out of the black-and-white Kansas into the full-color world of the Land of Oz," North said. "There was a sort of richness that permeated the lives of those we visited and surveyed. Their joy and exuberance are reflections not of prosperity but of a zest for life and its adventures."

As an organizational communication major, he said this cross-cultural experience allowed him to appreciate the

Endowed Chairs & Named Professors



Profile: Thomas Carpenter
Charles J. Ping Professor of Humanities
By Katie Fitzgerald

This is part of an **Outlook** series profiling endowed chair and named professorship recipients. Establishing additional endowed faculty positions is the highest priority during the Bicentennial Campaign.

Thomas Carpenter took on a dual role when he came to Athens in September of 1997. He returned to the United States from Rome to teach as the Charles J. Ping Professor of Humanities and to motivate students in his classics classes by getting them to think beyond basic concepts.

"Teaching is always a challenge," Carpenter said. "You're always looking to find ways to inspire students so that they want to engage in the subject matter."

Carpenter also became director of the Charles J. Ping Institute for the Teaching of the Humanities where he works to inspire instructors as well. While he divides his time between teaching, researching and acting as director, he said his most gratifying role is that of a mentor.

"Working with seniors as they develop a thesis is tremendously rewarding," he said. "It gives students a chance to grow. That is what I enjoy more than anything else."

For Carpenter, getting to know each student in his class is an important facet of teaching. He said he prefers smaller classes where he can encourage student

discussion and interaction. He doesn't teach large classes.

"I want to call students by name," he said. "I don't just want to see a face. There's a real danger in the impersonality [of large classes]. It's more like acting than it is teaching."

From his time spent in Europe, Carpenter is also a firm believer in study abroad.

"There's no such thing as teacher training for a university," he said. "I'm not just talking out of a book, [I talk] out of experience."

"Nothing is quite as broadening," Carpenter added. "It gets you looking back at your own country in different ways."

To encourage this personal exploration, he takes 20 students to Rome for the fall quarter every other year.

"It can be a very gratifying experience because you can teach on a more personal basis," he said. "You are with them all the time so you really get to know them."

In his dual role as director of the Ping Institute, which promotes the study of classics, history, philosophy, language, literature and archaeology, Carpenter enjoys encouraging and stimulating those who are teaching in humanities.

"The endowment is a particular honor of mine because it is named after Dr. Ping and given in his honor," Carpenter said.

His current research is focused on Greek iconography, the study of images rather than text, and how it helps us to understand Greek religion.

Katie Fitzgerald is a student writer with University Communications and Marketing.

OUTLOOK

OUTLOOK is a weekly publication for the employees of Ohio University. It is produced by University Communications and Marketing, part of the division of University Advancement. Feel free to submit story ideas, event information, etc. Contact the editor three weeks in advance to have your item considered for publication in the print edition and two weeks in advance for the online edition. Send e-mail to outlook@ohio.edu or campus mail to University Communications and Marketing, 102 Scott Quad, or call (740) 597-2938.

News Editor: Tina V. Bryson

Online Producer: Tasha Attaway

Vice President for University Advancement: Leonard Raley

Printer: Ohio University Printing Resources

www.ohio.edu/outlook/

Calendar

Lectures

School of Interdisciplinary Arts, May 8 from 2 to 4 p.m., Lindley 110. Jeffrey Hamburger, Harvard University professor of the history of art and architecture, will speak on "Brother, Bride and Alter Christus: The Virginal Body of John the Evangelist in Medieval Art, Theology and Literature." Contact: Charles Buchanan at (740) 593-1314.

International Studies Forum, May 9 from 4 to 5 p.m., Scripps Hall, Anderson Auditorium. Kendra McSweeney, from the Geography Department at Ohio State University, will speak on "Household Lifecycle, Fertility and Rainforests: Linking Microdemography and Environment

in Lowland Latin America." Contact: Jennifer Cochran at (740) 593-1842.

Events

Illusions of the Stars, May 10, Templeton-Blackburn Alumni Memorial Auditorium. This event brings to the stage the talents of our nation's finest artist impersonators in an effort to support the Athens AIDS Task Force. Contact: Memorial Auditorium Ticket Office at (740) 593-1780. Cost: \$5 student, \$15 general admission.

Spring Literary Festival, May 7-9, Irvine Auditorium. The 18th annual Spring Literary Festival features readings and lectures. Visit the Web site at <http://www.english.ohio.edu/litfest/>.

Ana Gasteyer, May 14 at 8 p.m., Baker University Center Ballroom. Catch this former "Saturday Night Live" comedian and Broadway, TV and film actress. Tickets on sale at Templeton-Blackburn Alumni Memorial Auditorium Box Office. Cost: \$3 student, \$5 general admission.

Whitewater Rafting Trip, May 16-18, New River in West Virginia. All students, faculty, staff and friends are welcome. Arriving at New River on Friday night, raft Saturday, return to the campground for a night of relaxation and social events. Leaving on Sunday. Contact: Myke Welch at snowcat@ohio.edu. Cost: about \$60 per person.

Asian Pacific American Heritage Month

What is important to you about your heritage?

Ting-Luen Chen,
system analyst/programmer

“

My heritage reminds me of who I am and it is part of what I am. It shapes my opinion on some issues and it affects how I look at the world.

I came from Taiwan in 1996, and like many Taiwanese students who came before me; I did not really “know” Taiwan until I left her. It is an issue of national identity. Taiwan meets all the requirements of an independent country status, but it is not recognized as such by much of the rest of the world. It is sad, but it is a fact.



Taiwan is still friendly to the world. We still keep a positive attitude and make every effort to become part of the international society. That positive attitude is something I want to pass on to my child. And, of course, I'll also teach them the history of Taiwan and have a long discussion with them about national identity.

Heritage is something that's been passed on from generation to generation. It defines us in some way and it gives us a sense of roots. My daughter is 10-months-old now and she's an American. I do not know what will she become, but it is important to me that Taiwan is part of her life. I'll do my best to make sure that happens.

”

James Tong,
professor emeritus

“

Values. No two people have the same set of values, but Chinese values are very similar to those in America. When I first came to the United States in 1947, I saw many similarities between the values.

When someone comes to another country, they need stability and keeping their values is healthy for them. It's not practical or desirable to give up your culture and values just because you go to another country. Keeping your values provides stability, and it brings a different perspective to another country. That benefits everyone.



You should share your culture with others and make them understand your culture and values. It's your roots and you shouldn't ignore it. America is a melting pot and we should understand each other.

”

Lucy Conn,
library associate

“

Respect for all people, especially the elders. When I went to school,

I called my teachers sir and ma'am. In the United States, people prefer to be called by their first name and, even when it comes to people I know, I still want to address them as sir or ma'am if they are older than I am.

Individuality is also something that is important. I have blended myself into the American life. I do miss the Malaysian food.

I teach our daughter that she has the best of both worlds. She is very proud of being both American and Asian.



”

Yining Chen,
accounting professor

“

Family values. I come from Taiwan and we have strong family ties.

Often, there are more than two generations living together. They help each other out. With two parents working, it is easier if there is an older generation there to help. Also, the younger generations take on the responsibility of caring for the elders when that time arrives.



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Collection rich in resources

Many Americans did not know much about Southeast Asia before World War II and the Vietnam War. However, Ohio University became directly involved in the region in 1967 when a Southeast Asia Studies Program was developed within the Center for International Studies, assembling a collection of artifacts that both teaches and delights anyone interested in learning about the area.

The Southeast Asia (SEA) Collection is located on the first floor of Alden Library with a display on the third floor. The collection concentrates on acquiring artifacts from Indonesia, Singapore, Brunei and Malaysia; however, all nations of Southeast Asia are included. The SEA Collection is the only Malaysian depository in North America and works with the Malaysian government to obtain significant books and artifacts.

“We are interested in connecting with the general public and with students and faculty from these countries,” said Lian The-Mulliner, head of the Collection and curator of international collections.

International students are surprised when they come to do research because they are not used to having so many resources about their own country in one place, she said.

One popular exhibit is of Indonesian Folk Art, located on the third floor. It features artifacts that villagers use in daily life. The Engraved Bamboo Flask from Lake Toba, Sumatra, a unique artifact, is said to have been used by people to carry the spirit of their sacrificed child. Another popular artifact is the colorful Dayak Baby Carrier. Passed on through generations, this carrier is decorated with animal teeth and beautiful beads.

“We would like to make these books and artifacts more accessible,” The-Mulliner said.

“There are a lot of hidden treasures.”

The SEA Collection has generated interest from a variety of



Bookplate for volumes (Montaigne) from the personal library of Sir Thomas Stamford Raffles, founder of Singapore. Most of his invaluable library was lost in a shipwreck.

sources, including the Library of Congress and *Fortune* magazine.

Recommended Reading List from Ohio University's Southeast Asian Studies

- *Southeast Asia in the New International Encyclopedia* (4th edition) by Clark D. Neher. Updates the statistical information, revises the illustrations and analyzes the fundamental changes that have occurred in the region.
- *Southeast Asia: A Concise History* by Mary Somer Heidhues. Covers the history of Southeast Asia from pre-historic times to the most recent political developments in Indonesia. Touches on economics, political history and the society and culture.
- *Southeast Asia: An Illustrated Introductory History* by Milton E. Osborne. Provides extensive survey of modern history in Southeast Asia through maps and photographs. Provides an introduction to the art and literature of the region.
- *Southeast Asia: Crossroads of the World* by Clark D. Neher. Provides an introductory look at the history, culture and politics of Southeast Asia.

Adrienne Gavula is a student writer with University Communications and Marketing.

History

May marks the celebration of Asian Pacific American Heritage Month in the United States. Enacted by law, the purpose is to honor the achievements of Asian/Pacific Americans and to recognize their contributions to the United States.

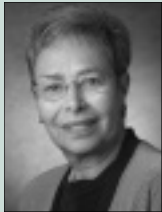
In 1978, President Jimmy Carter signed a resolution making the first 10 days of May a celebration of Asian/Pacific Americans. In

May 1990, President George Bush expanded the recognition to the entire month.

The population of Asian/Pacific Americans in the United States continues to grow. The number has increased from 1.5 million in 1970 to approximately 10.5

million in 2000. Beginning fall quarter 2002, 198 students and 89 employees at Ohio University were of Asian descent.

May was chosen to celebrate Asian Pacific American heritage because of the arrival of the first Japanese immigrants to the United States in May 1843 and the completion of the transcontinental railroad in May 1869.



Gladys Bailin-Stern



Gladys Bailin-Stern began teaching in Ohio University's School of Dance in 1972 and served as the program's director from 1983 until her retirement in 1995. She has continued to teach in the school on a limited basis. Bailin-Stern recently committed \$15,000 to the School of Dance to endow a scholarship and to support deserving students.

Why did you give?

Having spent all my University employment with the School of Dance, it seemed a natural way to help support students who gain so much during their education and training. I believe strongly in the training which stimulates both mind and body, and I know that they will carry richness of spirit into their future lives. To endow a scholarship for a talented and motivated student was my goal, so that the gift would continue for many years.

There is great satisfaction in being able to help a young person towards a rewarding life.

Why did you choose this endowment?

My familiarity with the School of Dance led me to a particular decision in designating the scholarship. There were a few scholarships which were awarded to students already in the program, but there were none to encourage entering students. Since the School uses an audition process, the Bailin-Stern Award seemed a natural way to encourage new students to the program. I wish it were a more impressive amount of money, especially since tuition rates have increased, but there is also an honor attached to receiving such an award. Final decisions are left to the faculty. The scholarship may also be used for students already in the program who show creative talent and promise for a productive career. I trust the faculty, who are in regular contact with dance majors, will make an informed decision and select a deserving student. They have done so in the past.

"I enjoy the students enormously and hope to keep some connection to the school whenever possible."

You can support the Bicentennial Campaign by making a gift today.

For more information, or to download a Payroll Deduction form, visit, www.ohio.edu and click on "Giving to Ohio," or call (740) 593-1882, or e-mail giving@ohio.edu.

PERSPECTIVES
Athens: A place you come and stay

I began working at Ohio University in 1985. My relocation to Athens was quite a switch from Cincinnati. I remember chuckling when I attended my grandparents' 60th wedding anniversary in a small Wisconsin town because I couldn't imagine ever being happy living in a small town. Eighteen years later I am still living and enjoying the



Athens area. As President Ping once stated, "Athens is a place you come and stay."

More than any other reason, the people who work at Ohio University and live in the Athens area are the appeal that keeps me here and coming to work. As the University and Auxiliary Services change, the individuals I interact with continue to be genuinely kind and caring.

In 1990 I was diagnosed with multiple sclerosis. As my physical abilities have deteriorated, friends, colleagues and strangers have readily offered a helping hand when they see me. A year ago I started an exercise program with a personal trainer at WellWorks. The staff there has been supportive and instrumental in helping me improve my general health. Plus, the regular folk who exercise during that time have provided tremendous support and encouragement. With that outpouring of support it is difficult not to look forward to coming into work.

Laurie Thomas
Assistant Director
Facilities Management Program Development

Your trip back in time



"Ohio University, 1804-2004: The Spirit of a Singular Place" will be available beginning in early October. The 364-page book, which covers the social history and daily life of the University's first 200 years, is being published by Ohio University Press in conjunction with the bicentennial. (hardbound edition: \$50, paperback: \$30, alumni and friends reserve discount: hardbound, \$40; paperback, \$25)

President's edition: 200 copies signed by the author and living Ohio University presidents, \$100 (while supplies last)

- more than 500 photographs from alumni, archives and the University photographer's office
- essays on important topics (such as the Marching 110, Hocking River, regional campuses, international connections and more)
- remembrances of alumni, sidebars on special people (from first alumnus Thomas Ewing to "University Professor for Life" Fritz Hagerman)
- writeups about each college and the library

"Hundreds of people sent photos, letters and scrapbooks," she says. "We wanted to show the tremendous spirit that students have created and still respond to in memory. I hope that is what we've done." - Betty Hollow

To order: Judy Wilson
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