

NCSU Libraries

# FOCUS

Volume 30, No. 2, Summer, 2013



## The Hunt Library Opens

Saving a Part of Vietnam's Past

Unique Spaces for Students

Libraries Fellows Program  
Celebrates its First Decade



NC STATE UNIVERSITY



NCSU LIBRARIES





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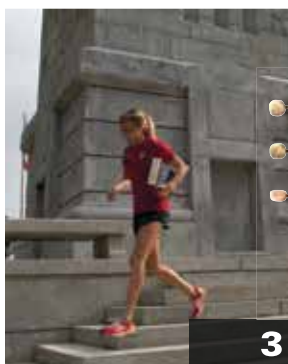
**On the Cover:** The James B. Hunt Jr.  
Library on NC State's Centennial Campus  
reflects across Lake Raleigh. Image  
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## LIBRARY EVENTS RECAP

### AMAZING ALUMNI

Last August, **Grayson Currin, '05**, music editor of *The Independent Weekly* and co-director of the Hopscotch Music Festival, explained how Hopscotch has grown into one of the area's most celebrated events for music lovers. The presentation included clips from some of the bands Currin was most eager to hear at the festival.



Grayson Currin (right)

Then, in October, **Brian Frasure, '96**, inspired us with the story of how he became an elite Paralympic sprinter after losing part of his leg to an accident while a student at NC State. Now, Frasure is a certified prosthetist with iWalk, a company that helps veterans and other amputees regain mobility with bionic products.



Brian Frasure

### STELLAR STUDENT

Using straightforward, easy-to-understand language, Tate Rogers, an environmental engineering graduate student, explained his Gates Foundation award-winning idea: using an auger, powered by a simple motor, to remove sewage in developing countries. Tate provided a real-time demo of his prototype auger (using synthetic waste, of course)!



Tate Rogers

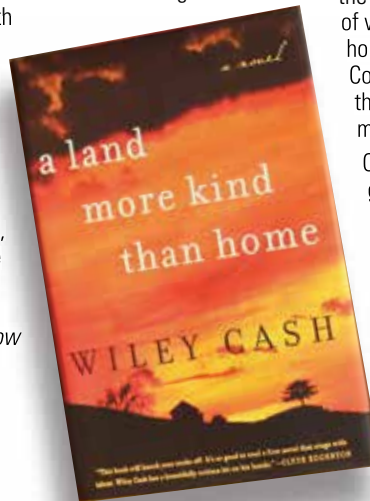
Student actors Nick Tran, Lizzy Ozamiz, Diana Quetti, Jordan Necamp, Meghan Leonard, and Allison McAlister Hedges gather following the *Red, White, and Banned* performance

### RED, WHITE AND BANNED

Students took to the stage to celebrate their freedom to read in the second annual *Red, White & Banned* performance. To commemorate National Banned Books Week, talented students each chose and adapted a monologue from a banned or challenged book and brought the pieces to life through heartfelt performances. In 2012 the works included *To Kill A Mockingbird*, *All The King's Men*, *Speak*, and *The Perks of Being a Wallflower*.

### READ SMART

This ongoing discussion series of popular books, moderated by NC State scholars, had another great lineup last fall. Beginning with a discussion of Toni Morrison's novel *Home*, and closing with a discussion of the best-selling *The Power of Habit*, **READ SMART** is where discerning readers can interact with the fantastic faculty at NC State. Thank you to the following faculty who led discussions: Sheila Smith McKoy, Noah Strote, Marshall Brain, Jim Clark, Daniel Grün, and Douglas Gillan. The spring semester began with a discussion of Kevin Powers' *The Yellow Birds*. Please join us for upcoming programs!



Student Daniel Houlihan, DVM Candidate, 2014, plays Doggie Santa

### COMMUNITY EVENTS

Community members learned how to keep their pets safe and healthy throughout the holidays at the **Reindog Parade**. Santa led a parade of well-behaved pooches wearing their holiday finery around the grounds of the College of Veterinary Medicine. Many thanks to the volunteers who helped make this event a success!

Children and their moms, dads, and grandparents also came out for the third annual **Fireside Tales** — a program planned in collaboration with Cameron Village Regional Library. Staff of the NCSU Libraries provided live music, songs, stories, treats, and crafts. A fun morning for all!

A special thanks to the Tom Russell Charitable Foundation, Inc. for its support of NCSU Libraries programs throughout the semester.



# THE bookBOT BOOK MOVE

## BY THE NUMBERS

During the summer and fall of 2012, almost 1.5 million books were moved into the James B. Hunt Jr. Library's bookBot automated book delivery system. Moving books from the D. H. Hill Library and branch libraries, pulling items from remote storage sites, and barcoding and loading books into the bookBot, library staff and student workers took on a monumental task that has had positive effects at the Hunt Library and across all of the NCSU Libraries. Here's a look at some of the book move statistics.

LOADED AN  
AVERAGE OF  
**16,000**  
ITEMS  
PER DAY



REDUCED  
HEIGHT OF  
BOOKSTACKS  
SHELVES FROM

**8 FEET**  
TO  
**6 FEET**  
TO MAKE  
BOOKS EASIER  
TO REACH



MOVED OVER

**77**  
THOU-  
SAND  
BOXES OF  
MICRO-  
FILM



CLEARED SPACE ON MORE THAN

**22 MILES**  
OF SHELVING  
CREATING SPACE FOR FUTURE GROWTH

## NCSU LIBRARIES CELEBRATES OLYMPIC SPIRIT WITH 3000M bookBOT RELAY VIDEO

Produced by the NCSU Libraries, this video celebrated and commemorated the move of 1.5 million books and other materials into the bookBot. In all, thirteen special friends participated in the video by taking a "leg" of the relay and handing off the ceremonial book, *Marks' Standard Handbook for Mechanical Engineers*, to the next person in the relay.

The video premiered on the NCSU Libraries' Facebook page, with a quiz contest that asked participants to name all the guests who appear in the video. Jamie Nance was the "super duper senior" (his description) who won the contest and the prize of an iPod shuffle, correctly identifying eleven of the possible thirteen champions in the quiz.

See the video at: [go.ncsu.edu/bookbotrelayvideo](http://go.ncsu.edu/bookbotrelayvideo)



## I. T. LITTLETON SEMINARS IMAGINE THE FUTURE

The opportunity to open the “library of the future” has meant that the staff at the NCSU Libraries has spent a great deal of time in the last several years imagining what that future could be, both for the Hunt Library and the NCSU Libraries as a whole.

One of the most valuable tools for that imagining has been the annual I. T. Littleton Seminars. Funded by an endowment established in 1987 to honor former Library Director Littleton, these

lectures give us the chance to bring in a visionary in the profession to spark discussion around key issues in academic libraries.



I. T. Littleton and Steven J. Bell

On May 24, 2011, Steven J. Bell—noted author, *Library Journal* blogger, and current president of the Association of College & Research Libraries—challenged us in his talk “Fish

Markets, Coffee Shops, and Hotels: Finding the Right User Experience for Your Academic Library” to think about exactly what academic libraries offer students and faculty that they cannot find anywhere else. In the age of the Internet, Bell drove home, “people can get information almost anywhere.” He also noted that libraries can seize the same kinds of opportunities that Apple did in transforming personal communications and Starbucks did when they turned getting a cup of coffee from a chore to a pleasant destination, leading to a discussion of how the NCSU Libraries can continue pioneering in the design of library learning spaces where students and faculty of all disciplines come together, where information is not only stored and used but also created, and where visitors are transformed by their experience.

On June 1, 2012, **Dr. Mike Eisenberg**—professor, dean emeritus, and founding dean of the Information School at the University of Washington—continued that challenge with his talk, “What College Students Say about Conducting Research in the Digital Age: Implications for Libraries,



Susan K. Nutter and Dr. Mike Eisenberg

Librarians, and Higher Education from Project Information Literacy.” Eisenberg’s Project Information Literacy (PIL) is the most ambitious set of studies about information literacy ever conducted; its conclusions about how students actually

function in this century offer a map for how academic libraries should deploy their resources to help students succeed.

In the last twenty years, the Internet has changed our relationship to information “from scarcity, to abundance, to overload.” Information literacy for the current generation means mastering the essential skills to evaluate and sort that tsunami of data and to understand “how to discover a topic that is worth pursuing” rather than just how to compile a list of books and articles. Another key finding: students flock to spaces where other students are working in an inviting setting. Students consistently told PIL researchers that they found “hard work was contagious” by feeding off the energy of the colleagues who surround them while they are studying and researching.

## ADVENTUROUS COLLABORATION HONORED WITH 2012 FACULTY AWARD

From the very beginning, the James B. Hunt Jr. Library was designed to inspire a greater spirit of collaboration on campus. A year before the library was opened, back when it had just gotten a roof and its floors were bare concrete, the winners of the 2012 NCSU Libraries Faculty Award brought that spirit to life for their students.

Professor Timothy Buie from the College of Design and Dr. Michael Young from the Department of Computer Science have worked closely with the Libraries for years, but last year, they made an unparalleled contribution to realizing the Hunt Library dream.

The Hunt Library is unlike any most people have ever entered. What do you do first when you walk into a library and aren’t surrounded by rows of shelving—a library where robots deliver the books? Or where

new, advanced, and sometimes unfamiliar technology is around every corner?

In the 2012 spring semester, Professors Buie and Young combined their advanced design and computer engineering capstone courses to present their best and brightest with the real-world challenge of shaping how the library would be experienced once it opened.

One group of students concentrated on working with a digital palette the size of which they could only have dreamed about in the past. Using a prototype of the 21-foot-wide video wall that is the centerpiece of the Game Lab, they developed a video game built for a screen so large and infused with color that it is at the frontier of today’s digital displays.



Professor Tim Buie and Dr. Michael Young

Other groups from the collaborative class—the “experience designers”—developed detailed plans for how to arrange the technology, the signage, and the furniture to turn some of the library’s most unique areas into intuitively usable spaces.

The Hunt Library was conceived to encourage students

to dream big. A full year before the new library opened, the 2012 Faculty Award winners gave their students access to experiences they wouldn’t have had on any other campus on the globe. And the students noticed: one ended the course saying the cross-disciplinary opportunity was “the greatest experience that I’ve had so far in college.” That’s the promise of the Hunt Library.

## FACULTY AWARD HONOR ROLL

The NCSU Libraries is proud to recognize the distinguished recent winners of our Annual Faculty Award.



Susan K. Nutter and Professor Doug Reeves

### DOUGLAS S. REEVES, 2011

Professor of Computer Science and Electrical and Computer Engineering

When the Hunt Library opened, much of the praise it received centered on how well it met the actual needs of twenty-first century students and researchers. This success was in no small part due to the advice and support that Professor Douglas Reeves gave when the Libraries needed community input. A long-time member of the University Library Committee (ULC)—and its chair for three years during Hunt Library planning—his “leadership style,” as one observer wrote, “insured that all members, in particular, the student representatives, felt free to contribute to the discussions.”

This wise inclusivity paid off in other key ways. It was Reeves’ idea to add a Centennial Campus representative to the ULC, engaging that important community early; and he leveraged a mutual love of books and libraries to bring in a Cisco executive to head the Hunt Library Technology Advisory Board. Most of all, Professor Reeves consistently provided a strong faculty voice for what a great library could be in the Internet age, a strength captured in a letter of nomination from another faculty member:

“Doug understands the changing nature of libraries in the digital environment and the challenges they face in order to be vital drivers of research, learning, and collaboration . . . He has lent his ideas

and support to everything from digital technologies to increase use and discovery of library content, to enhancing spaces provided to students, to aggressively expanding online-only journal content.”

### DAVID ZONDERMAN, 2010

Professor of History

The Libraries’ Special Collections Research Center is documenting the birth of the North Carolina Research Center in Kannapolis, where the UNC system and patron David Murdock from Dole Foods are collaborating to build a thriving biotechnical center in a small town blighted by the loss of textile manufacturing. The Libraries and the Center organized a series of public lectures, some in Raleigh, some in Kannapolis, to build excitement around the project. As an expert on labor and its history and one who takes seriously the land-grant promise that universities should change the world, Professor David Zonderman anchored several of these programs.



Professor David Zonderman

That passion to engage real-world problems has also marked the considerable work Professor Zonderman has done in the past with the Libraries. He has served on the University Library Committee for a dozen years and on the committee that set the direction for the Learning Commons in the D. H. Hill Library. When we set out in the 1990s to become one of the first academic libraries in the nation to tackle the often-vexing changes in scholarly communications, Professor Zonderman chaired the committee to establish our Scholarly Communication Center and hire our first Scholarly Communication

librarian, becoming, as one of his recommenders put it, “a pioneer in the access to new electronic resources for the humanities disciplines” at NC State.



Professor James Wilson

### JAMES WILSON, 2009

Professor of Industrial and Systems Engineering

If a library database goes down or an online journal temporarily blinks out during a network outage, the chances are that the first person to report it is going to be Professor Jim Wilson. That’s because he’s a world-class library user, someone the Libraries always listens to because he is deeply involved in using our services and evangelizing them to his students and peers. Several times when staff has reached dead ends over issues with one of our vendors, Professor Wilson has, for instance, just picked up the phone, called an editor or publisher, and the problem has gone away. He is, as one nominator put it, “the kind of active library user that helps keep a modern digital collection responsive to its community.”

When the history of technology in the past several decades is told, the craft of computer simulation will dominate it. Simulation technologies have transformed everything from computer engineering to biotechnology, transportation, and the role-playing and video game industry. The scholars who tell that story will stop first at the NCSU Libraries Special Collections Research Center, where they will find—thanks largely to Professor Wilson’s vision and hard work—the finest simulation collection in the world.

### FRIENDS OF THE LIBRARY FALL LUNCHEON

During the 2012 Friends of the Library Fall Luncheon, Friends President Hope Tate welcomed guests and thanked the Friends for their stalwart support of the NCSU Libraries. Meg Lowman, Research Professor, College of Sciences, NC State and Senior Scientist and Director of Academic Partnerships & Global Initiatives at the North Carolina Museum of Natural Sciences, delighted and inspired guests with stories about her research in the canopies of the rain forest and her work with young people, especially girls, around the world. Closing the luncheon, Vice Provost and Director of Libraries Susan K. Nutter presented the 24th annual NCSU Libraries Faculty Award to Professor Timothy Buie from the Industrial Design program in the College of Design and Dr. Michael Young from the Department of Computer Science for their pioneering work in leading a collaborative course that explored the technologies and spaces in the new James B. Hunt Jr. Library.



Provost Warwick Arden and Meg Lowman chat during the Fall Luncheon. Photograph by Marc Hall, University Communications.

### EXHIBITS NEWS



#### Saul Flores | Photographs

*The Walk of the Immigrants*  
January 2012–August 2012

Last winter, the D. H. Hill Library Exhibit Gallery came to life with vibrant color and compelling stories told through the portraits, landscapes, and cityscapes photographed by **Saul Flores, '12**, during an epic 5,000-mile journey, mostly by foot, through Central and South America in 2010.

On this journey—inspired by an earlier service trip with the Caldwell Fellows leadership development program—Flores took over 20,000 photos to “raise awareness of the beauty of these Latin American countries as well as the struggles that their people face.” Proceeds from the sale of his photographs and sponsorships



of his journey are aiding an elementary school in his mother's hometown, the small rural community of Atencingo, Mexico.

A virtual version of the exhibit is now playing in the iPearl Immersion Theater, where its striking colors capitalize on the ability of the Hunt Library's display walls to showcase exemplary student work in a large, radiant format.

#### NC State University, 125 Years of Shaping the Future

September 2012–August 2013

Celebrating the university's one hundred twenty-fifth anniversary, *125 Years of Shaping the Future* explores our history from the tenacity of the Watauga Club members who fought for the

establishment of the North Carolina College of Agriculture and Mechanic Arts in 1887 to current research and creative thinking in fields as diverse as Universal Design and Molecular Paleontology.

Through August 2013, visitors can see the artifacts, papers, photographs, and ephemera that are usually stored safely away from light in our vaults and reflect on a legacy of improving our citizens' lives with a reach that has grown from spanning the one hundred counties of North Carolina to engaging the world.

A digital version of the exhibit is available in the Hunt Library's iPearl Immersion Theater.

For more information about this exhibit and others, please contact Molly Renda at [molly\\_renda@ncsu.edu](mailto:molly_renda@ncsu.edu).



Donor Spotlight: **Linda Turlington**

## From Medieval to Ultra Modern—How One Robot Got Its Name

It started with a medieval manuscript in a shoebox and ended with an endowment that will support some of the latest in modern library technologies. From an early book to the bookBot—that is the arc of the story of the Hunt Library's new "Turlibot."

Linda Turlington's family had long treasured a fifteenth-century book of meditations that has been passed down from generation to generation. And that family is, as Turlington explains, "completely red and white." Her husband of almost 40 years, Jimmy, is a 1968 NC State graduate in civil engineering. Her son Ryan obtained his B.S. from the College of Textiles in 2001. Daughter Courtney earned her B.A. from the College of Humanities and Social Sciences in 2007.

So when the family decided that the Latin manuscript—once laboriously copied out by Carthusian monks—needed a safer long-term home where its treasures could be available to scholars throughout the world, the NCSU Libraries Special Collections Research Center was a natural choice.

It was the start of another deep relationship, one that Turlington—CEO and owner of Pura Vida Promotions, a Kenersville-based advertising specialties company focusing on logoed merchandise—insists also feels like an extension of the family. Though the Turlington family had long supported the Wolfpack Club, this was their first real exposure to the work of the NCSU Libraries. "Everybody has just been so wonderful," says Turlington. "And from the very beginning we felt like we belonged with what was going on with the Libraries."

Now a board member of the Friends of the Library, Turlington has thrown her considerable energy and marketing savvy into ensuring that the Hunt Library will have the impact it promises for the state and the university: "Everybody is going to be amazed at the global outreach this new facility will enable—it will be amazing, all of those who are touched by it. I probably never have a conversation that I don't mention what's going on at NC State because it's turned into a passion of mine—the reach is going to be incredible."

The signature technologies in the new library especially interested the Turlington family, everything from the giant large-scale visualization walls to the handheld devices and ebook readers that future engineers can now check out at will. "We are so fortunate to have these opportunities in North Carolina, especially at NC State," she concludes.

But the bookBot automated book delivery system was particularly interesting to a family that once kept a medieval manuscript in a shoebox. So, they seized on one of the Hunt Library naming opportunities, and the "Turlibot"—one of the four robots at the core of the bookBot—will now spend the next decades delivering books and other items to students and faculty.

Turlington says that ultimately the most rewarding work she does is to make personal contact with potential supporters, work exemplified in a Hunt Library presentation that she recently helped host for alumni at the Piedmont Club in



Left to right: Ryan Turlington (Class of 2001), Jamie Turlington (Class of 2000), Jim Turlington (Class of 1968), Linda Turlington, Courtney Turlington (Class of 2007), Joss Doss. Front: Kennedy Turlington (Daughter of Ryan and Jamie)

Winston-Salem, NC, and also at the Foundation Room atop the Mandalay Bay Hotel in Las Vegas. But the naming of the bookBot robot is also very special. Seven centuries ago, a monk copied out an enduring monument to learning, the medieval manuscript the family donated to the NCSU Libraries. The Turlington family has put its own mark on a lasting monument to educational achievement: "the bookBot is part of our legacy, and our children will always have something that is permanent at NC State."

# THE HUNT LIBRARY



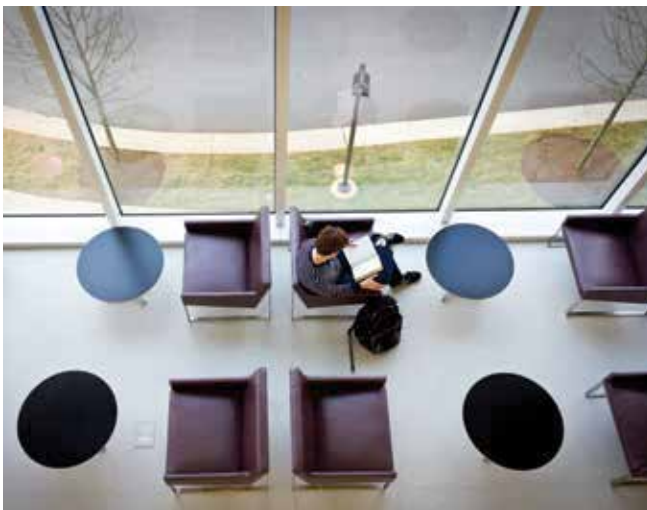
# ARY OPENS

## THE LIBRARY OF THE FUTURE IS HERE, NOW

Right on target, the James B. Hunt Jr. Library opened its doors on January 2, 2013, to acclaim ranging from “the academic library with the widest array of technologies in the country” to “the most awesome library in the world.”



© Jeff Goldberg / Esto



© Jeff Goldberg / Esto



Just in time for the beginning of the spring 2013 semester, the January 2 soft opening of the Hunt Library allowed students, faculty, and staff to get a first chance to try out the new spaces, technologies, and capabilities of an iconic building that is already becoming the intellectual and social center of Centennial Campus. Immediate favorites were the many different types of chairs in an amazing variety of colors.

The University officially dedicated the building on April 3, 2013.







After years of planning and preparation, the Hunt Library is now a vibrant center for learning and discovery. Students are filling the group study rooms, displaying and sharing their work on the video screens. Groups meet in the Idea Alcove, where an engineering study session can map out a project on the wall-sized whiteboards. And crowds gather around the displays in the iPearl Immersion Theater and to explore the tools in the Apple Technology Showcase.

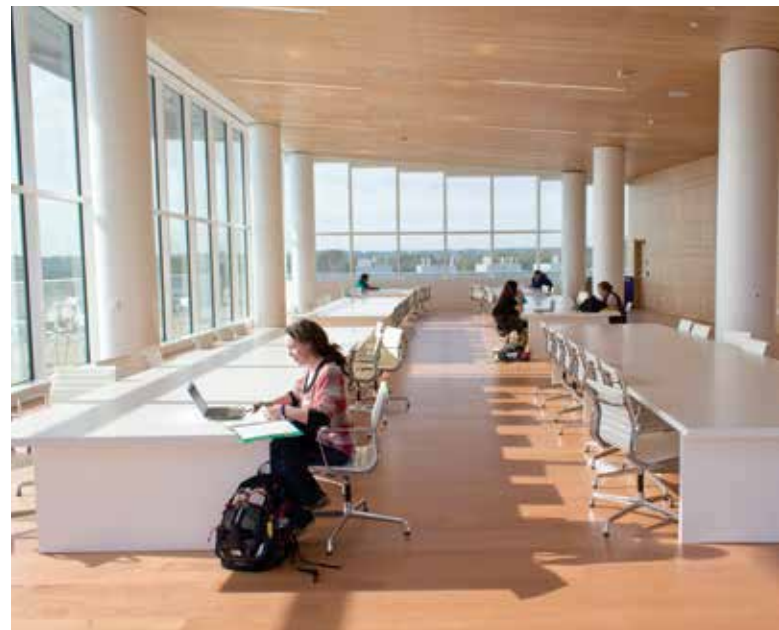
You can also see the Hunt Library through the eyes of our students, in over 2,500 inspirational photographs that they have submitted to show their appreciation for the new library:

**[d.lib.ncsu.edu/myhuntlibrary](http://d.lib.ncsu.edu/myhuntlibrary).**

We offer a sincere “thank you” to all the NCSU Libraries’ supporters who gave their passion, time, and resources to create this dream—and then bring it to life.

Now is not the time to rest on our laurels, though. There is still an urgent need to enhance the NCSU Libraries’ inspiring spaces and to build an endowment for innovative, technology-rich libraries at NC State University. For more information about how the future of the NCSU Libraries can be part of your legacy or to explore the select naming opportunities still available at the Hunt Library ([www.lib.ncsu.edu/huntlibrary/namingopps.html](http://www.lib.ncsu.edu/huntlibrary/namingopps.html)), please contact our Friends of the Library Director, Leia Droll, at (919) 513-7033 or [leia\\_droll@ncsu.edu](mailto:leia_droll@ncsu.edu).







# Still a Student Center

## THE TRANSFORMATION OF THE D. H. HILL LIBRARY'S WEST WING

**I**t was a study in contrasts. On one side of the hall on a Friday afternoon, sixty or so students sat elbow to elbow bathed in afternoon sunlight in the Silent Reading Room, the only sounds the constant tapping of fingers on laptop keys or the occasional turn of a page.

Twenty feet away, the enclosed Technology Sandbox was churning with youthful enthusiasms. Five students gathered around a high-tech Microsoft® PixelSense™ table shouting out their answers as it quizzed them through a series of visualizations of tree fibers at the microscopic level. Eight more were standing in front of the ten-foot square Perceptive Pixel screen, using sweeping, confident hand gestures to zoom in and out of the Amazon Basin on Google Earth. A few feet farther into the room, a half dozen undergraduates were dancing energetically, experimenting with a Microsoft® Kinect™ to control a video game across the room with the dips and turns of their bodies.

But the biggest contrast was not between the different learning styles all being encouraged in West Wing of the D. H. Hill Library. It was between the uninspiring area it had been less than two years ago and its recent transformation into one of the busiest and most loved learning spaces on campus.

Originally the Erdahl-Cloyd Student Union, the West Wing became a part of the D. H. Hill Library in 1971 with the opening of the first bookstack tower. Now, with two million visits a year, the NCSU Libraries has often been in danger

of being overrun by its own success in providing students with inspiring, technology-rich spaces. Over the past several years, the Libraries has seized the opportunity to transform a lackluster area in the West Wing of D. H. Hill that formerly housed print periodicals and traditional seating into a vital and bustling collaborative hub, with more than 13,600 square feet of space for what today's students need to do — plug in a laptop, get hands-on experience with the latest technologies, and focus on studying . . . with breaks for ice cream, of course.

The West Wing's Creamery stays busy into the wee hours of the night as students eat scoops of NC State's own Howling Cow ice cream and relax in the colorful and comfortable ConeZone seating area. This space, opened in 2009, marked the Libraries' first use of the environmentally friendly modular DIRT™ wall system that allows for lots of light, color, and integrated electrical outlets. These walls, which can also be written on like whiteboards, are now seen throughout the West Wing.

The Technology Sandbox, opened in 2010, showcases new technologies and gives the NC State community easy access to the large-scale display and gesture-based computing tools that are revolutionizing the visual display of data and the creation of digital media. This active space, made possible by grant funds from the Library Services and Technology Act administered by the State Library of North Carolina, features an 88-inch, multi-touch display that enables library



Traditional periodicals shelving (right) made way for a new Silent Reading Room (above). Left, the West Wing in its original life as the Erdahl-Cloyd Student Union.

users to communicate, comprehend, and interpret rich and complex data in an entirely new, hands-on way. Students and faculty have 24-hour access to the same technology that CNN commentators use during broadcasts. The large display technology, combined with moveable chairs and tables, often fills the Sandbox with study groups working on projects.

The Silent Reading Room provides 70 quiet seats where students can buckle down at row after row of white, marble-topped tables. New power outlets in the glass wall and new floorboxes power up ever-present laptops; a new interior glass wall down one full side of the room floods the area with light; and a newly glazed, energy-efficient exterior wall lets students occasionally break eye contact with the books and take a view across the famed Brickyard.

In the fifties and sixties when the West Wing served as the student union, dances often spilled out onto its outdoor terrace. Then the space sat empty for decades until the Libraries was given access to it. Now the Terrace provides 54 seats at tables and modern lounging chairs, all shaded by dramatic red umbrellas that proclaim the area once again ready for action, whether it's quiet conversation or getting a chunk of work done in an extremely pleasant environment. With power outlets around the entire space, including in the railing, the Terrace is filled elbow to elbow on all but the most chilly or rainy days.



The Cone Zone provides a casual space for ice cream eating and impromptu student meetings.

Sprinkled throughout the renovated area are pods of space-age Ball Chairs. Based on a 1960s classic Eero Aarnio design, the Ball Chairs salute the former student union's heritage as one of NC State's experiments in Modernism. Almost totally enclosing users in a quiet cocoon of red and white, where it's possible to disappear in silent concentration only five feet away from busy clusters of other students, the chairs have been deemed "groovy" by more than one contented user spinning through an afternoon concentrating on an Organic Chemistry text.

A bold use of furnishings, a flood of natural light, open sight lines throughout the cluster of spaces, and easy access to the technologies that NC State's digitally savvy students crave have made the transformed area an instant favorite. Although no longer technically a student union, the West Wing has returned to its roots, once again a key destination for students looking for vibrant collaboration space and a community of scholars.

Replacing the typical tables and chairs (below), the Technology Sandbox (left and bottom) lets students and faculty put their talents to work on the large-scale, multi-touch display and gesture-based computing technologies that are revolutionizing the visualization of data and the creation of digital media. The ball chairs (middle) are a favorite for students seeking a quiet hideaway.





The renovation of the Terrace brings to life a space that had gone unused for several decades. Previously the site of parties and dances when the building was the student union, the new Terrace features comfortable seating, colorful umbrellas, power outlets along the railing, and plenty of space to work or study outdoors, or to relax and enjoy lunch as you watch campus life go by on the Brickyard below.



## RENOVATION OF D. H. HILL'S WEST WING Wins ALA Design Award

The renovation of the west wing of the D. H. Hill Library has been recognized in multiple categories in the prestigious **Library Design Showcase 2012**. Held by *American Libraries*, the magazine of the American Library Association (ALA), the annual design review honors what

the ALA considers "the best in new and renovated library facilities."

The NCSU Libraries' spaces were called out for praise in three of the design showcase categories: The Outdoor Library, Technology Enabled Spaces, and Collaborative Learning.

# Combatting Book Worms, Saving a Part of Vietnam's Past



**L**ongtime *Focus* readers might remember John Balaban from an article entitled “Viewing Vietnam through the Lens of Peace” in the Winter, 2005 edition ([www.lib.ncsu.edu/documents/publications/focusonline/pdf/FocOn.25.2.events.pdf](http://www.lib.ncsu.edu/documents/publications/focusonline/pdf/FocOn.25.2.events.pdf)). Balaban is a noted writer, translator, NC State English professor, and poet-in-residence for the university—and a man whose life has been a testament to courage, to the value of doing hard and even dangerous work, to living out one’s convictions, and to spreading equal parts mischief, learning, and goodwill in his wake. Imagine Gandhi, George Patton, and Groucho Marx all somehow inhabiting the same body.

During the American war in Vietnam, Balaban was a conscientious objector who, while refusing to be drafted into the military, chose the unusual trail of volunteering to do his alternative civilian service in the war zone itself, where he was wounded during the 1968 Tet Offensive. After completing his required service, he returned to Vietnam while the war ground on and spent several more years traveling around the countryside recording the oral poetry that permeates daily Vietnamese life. Instead of living in a compound or moving about in heavily armed patrols as most Americans did, Balaban lived and travelled, often alone, among the Vietnamese, learning the language and getting to know common people who put poetry and learning at the center of their lives.

Professor Balaban has once again jumped off the beaten path to do some great work saving a large and significant chunk of Vietnam’s past—a collection of over 4,000 writings and objects that record the core of Vietnamese life for over one hundred decades.

After the Vietnamese won their independence from China in 939 CE, the Nôm writing system, an ideographic representation of Vietnamese speech, became the national script, replacing the Han Chinese writing that the northern invaders used to conduct the business of their empire. For the next 1,000 years, much of Vietnamese literature, philosophy, history, law, medicine, religion, and government policy was written in Nôm. Though the script preserves ten centuries of

Vietnam’s cultural history in Vietnamese rather than Chinese speech, fewer than a hundred scholars around the globe can now read it, making the culture it records largely unavailable to most of the 85 million current speakers of Vietnamese.

Imagine, for instance, a world in which only a handful of Americans could read the Declaration of Independence,

*Huckleberry Finn*, or the deliberations of the Supreme Court in the original script in which they were written.

Over the past ten years, Balaban and the Vietnamese Nôm Preservation Foundation that he founded have done Herculean work salvaging the ancient script. They have, among other projects, created a knowledge base of some 30,000 ideograms and pulled together the first modern Nôm dictionary.

**“We spent months unsuccessfully scouring the globe to find the resources to halt and repair the damage. Then, my own home library came to the rescue.”**

**—John Balaban**



Cornell Conservationist John Dean examines the collection.

With the help of the NCSU Libraries, Balaban has turned attention to making the rich heritage of Nôm writing available globally by stabilizing the manuscripts and putting them online. In cooperation with the National Library of Vietnam, the Libraries has helped to preserve the National Library's collection of ancient texts and objects in the Nôm script. By physically restoring and then digitizing the objects, the project will open a rich heritage of Nôm books, woodblocks, manuscripts, and maps to almost anyone with a web connection. And that heritage will grow as private owners of Nôm materials realize that they can make the material available to scholars over the web without actually having to part with the cherished physical objects themselves.

The National Library collection is, however, a collection in severe distress. The manuscripts themselves have been ravaged by rodents, insects, humidity, and the vagaries of empire and war. Before production of the digital library could actually begin, intricate and careful work was required to restore the items to a physical condition that would allow the digitizing to proceed. "When you opened the texts," says

Balaban, "worms would literally fall out onto your shoes." This is where the work with the NCSU Libraries made all the difference. "We spent months unsuccessfully scouring the globe to find help to halt and repair the damage. Then, my own home library came to the rescue."

The NCSU Libraries collaborated with Balaban's organization to help to provide specialized expertise and equipment to ensure the preservation of the documents. Working with famed Cornell University preservationist John Dean, the staff at the National Library of Vietnam has restored the items to a usable state. As the physical repair of the items was completed, the Foundation also leveraged NC State expertise to make the Nôm objects digitally available on the Han Nôm Special Collection Digitization Project website, and through discovery portals such as the NCSU Libraries' online catalog. These collections will be available anytime, anywhere for NC State students and scholars and will provide a window through which a new generation of Vietnamese can start to view some of the riches of their past. In late 2008, Balaban was awarded a medal of appreciation from the Vietnamese Ministry of Culture, Sports and Tourism for his work preserving and translating poetry written in Nôm.



Top: Manuscript pages are cleaned by bathing, a step in the conservation process.

Right: Balaban receives a medal for his work at the National Library of Vietnam, with Dr. John Dean on the left.



# Meeting the Challenges of the Modern Library

## NCSU Libraries Fellows Program Celebrates its First Decade

Even before the James B. Hunt Jr. Library entered its design phase, Susan Nutter, Vice Provost and Director of Libraries, had a vision for the future of librarianship. Over fifteen years ago, she and other leaders in the NCSU Libraries saw a crisis looming in academic libraries. They asked how, as NC State gained national prominence, the Libraries could recruit librarians with skills and credentials that were traditionally in scarce supply, such as in science and engineering. They also questioned how the Libraries would be able to build a professional staff that reflected the diversity of the student body. And, most of all, they wondered how to develop the next generation of librarians able to design and deliver library services rooted in the most cutting-edge technologies. Their answer was the NCSU Libraries Fellows Program.

When the program first began in 1999, it stood in stark contrast to the standard model for hiring academic librarians. Most positions required years of experience, even for so-called “entry-level” positions, and did not permit recruiting for talent or unusual skill sets. The Fellows Program was designed to allow the Libraries to seek out the very best and brightest new graduates by promising them something unique—two years as members of the library faculty immersed in the work of a home department combined with a challenging assignment to a strategic initiative of library-wide significance. This dual-assignment structure allows Fellows to develop expertise in a functional area of the library, while simultaneously contributing to some of the library world’s most innovative projects.

To attract applicants from the best graduate programs throughout North America, the Fellows Program offers a highly competitive salary and provides a generous professional development stipend. Since its beginning, a select

group of Fellows has been hired each year, resulting in a cohort experience for each class. The Libraries undertakes a national recruiting effort each year to seek out the most qualified recent graduates, sending a librarian and a Fellow to travel to library and information science graduate programs throughout the country, focusing on the top ten schools. These recruiting efforts seek to build a diverse pool of applicants with strong evidence of both leadership poten-



Megan Oakleaf

image courtesy of Jaci Downs



Sandy Littletree

tial and a deep understanding of how technology can shape library services. Because the work of the NCSU Libraries closely supports the mission of NC State University, there is a special focus on those students with a background in the Science, Technology, Engineering, and Mathematics (STEM) fields. These efforts now result in hundreds of applicants for the program every year.

The program has obvious benefits, not only for the Fellows themselves but also for the NCSU Libraries. Each class brings new skills and energy into the Libraries, and each year, our librarians compete to have a Fellow assigned to work with them. Departments prepare proposals outlining key initiatives and the various roles a Fellow might play, depending on the aptitudes, abilities, and interests of the individual Fellow. The resulting assignments have reflected

the needs of the Libraries as well as the talent in the applicant pools.

Over the course of its history, the NCSU Libraries has chosen a total of fifty-eight Fellows for the program. The overall statistics for the program show a proven history of success and many stories of individual achievement. Within the first class of Fellows, one is now at Harvard, one at Yale, and two are still with the NCSU Libraries. The success of that first year is not unique. Looking at the entire roster of Fellows Program graduates, at the end of their two-year assignment, ninety percent have gone on to positions in academic libraries or to complete the Ph.D. and join the professoriate. Sixty percent were appointed to NCSU Librarian positions, while thirty-two percent are still on staff today. Significantly, minority hiring for the Fellows Program is double the rate of minority employment within Association of Research Libraries (ARL) institutions.

Many former Fellows are recognized as leaders in the field, adding to the reputation of the program as a training ground for library trailblazers. *Library Journal* has named three former Fellows as “Movers & Shakers.” One of those, **Emily Lynema** (Fellow 2005–2007), came to the program with a background in computer science and a passion for librarianship. For her initiative assignment, she worked on

library assessment. As happens with many Fellows, she was hired into a permanent position as Librarian for Undergraduate Instruction and Outreach in the NCSU Libraries before her Fellows appointment had even been completed. Oakleaf says, “the Fellows Program gave me access to administration, which had huge benefits and wouldn’t have happened in any other entry-level job . . . The whole NCSU experience really launched my career in a big way.”

**Sandy Littletree** (Fellow 2007–2009) is another of the program’s success stories. She most recently served as the program manager for the nationally recognized Knowledge River Program at the University of Arizona. Knowledge River is designed to prepare information professionals with a focus on Latino and Native American communities. As a Fellow, Littletree earned a national reputation for her extensive presentations and publications, including presenting at American Libraries Association and publishing the *Tribal Libraries Procedures Manual*. Littletree, who is now working toward her PhD at the University of Washington, says that the Fellows Program was “an amazing opportunity to work with and learn from some of the brightest and most innovative librarians in the country.”

**Scott Warren** (Fellow 2001–2003) says, “I would clearly not be where I am today were it not for the NCSU Libraries



Emily Lynema



Scott Warren

the first-ever library implementation of Endeca, a platform that provides advanced search and navigation capabilities. She says her Fellows experience “was both exciting and challenging . . . opening the door for me to present, publish, and network with interesting colleagues in the library technology community.” Lynema is now Associate Head of the Information Technology Department of the NCSU Libraries, where she manages core information systems and represents the Libraries on the Mellon-funded Kuali OLE project.

**Megan Oakleaf** (Fellow 2001–2003) was a member of the third class of Fellows and is now an associate professor in the iSchool at Syracuse University. As author of *Value of Academic Libraries: A Comprehensive Research Review and Report*, she is considered a national leader in the area of

Fellows Program.” Today, he is at the Syracuse University Libraries serving as the Interim Associate Dean for Research and Scholarship, where he coordinates collection management, scholarly communication, and subject liaison librarian services. He also oversees an \$8.3 million general collections budget, and helps develop overall Libraries’ policy and strategic goals as part of the administrative team.

The NCSU Libraries Fellows Program has been incredibly successful in finding other recruits with such strong disciplinary expertise. Librarians with backgrounds in the STEM fields are uncommon in the field of librarianship, so the program must actively seek them out. The Libraries has hired Fellows with degrees in engineering, computer science, astronomy, mathematics, physics, and biology. Recent Fellow **Bertha Chang** (Fellow 2011–2013) holds the

Ph.D. in Ceramics and the Bachelor of Science in Materials Science and Engineering from the Massachusetts Institute of Technology. **Hilary Davis** (Fellow 2005–2007), who was also named a *Library Journal* “Mover & Shaker” and is now the Associate Head of Collection Management and Director of Research Data Services at the NCSU Libraries, holds the Master of Science in Biology – Plant Systematics. **David Zwicky** (Fellow 2008–2010), who holds the Master of Science in Chemical Engineering from the University of Illinois at Urbana-Champaign, now serves as Research Librarian for Engineering and Textiles at the NCSU Libraries.

There is no shortage of challenges in the brave new world of the modern library. The NCSU Libraries has transformed itself into a physical and virtual learning space where

students and faculty have access to the very best resources to support their work. As the nature of the academic library changes, so does the work of librarians providing services within it. The NCSU Libraries Fellows Program has gone a long way to helping shape that next generation of librarians, and will continue to do so. With the opening of the Hunt Library, there is even more pressure to recruit and retain staff of the highest caliber. The Fellows Program will certainly play a central role in those efforts. And the effect of the program goes far beyond, as former Fellows take on roles of greater leadership in the NCSU Libraries and across North America.



Bertha Chang



Hilary Davis



David Zwicky

## Investments With a Solid Return



Cyma Rubin and Genya O’Gara

Generous donors have established three endowments to support the Fellows Program: the Cyma Rubin Endowment, the Henry McDonald Tate Memorial Endowment, and the Lois Madden Todd Endowment.

Cyma Rubin, the first to establish a Fellows endowment, is well known to members of the Friends of the Library through her past service as president of the organization. A graduate of NCSU with a Bachelor of Science in textile management, Rubin received an Honorary Doctorate of Fine Arts from the university in 2003. She is president of Busi-

ness of Entertainment, Inc., an independent entertainment production company, and serves on numerous boards for charities and arts organizations.

Hope Hall Tate established an endowment in tribute to her late husband—a man who was deeply involved in a field that reshaped life in the twentieth century. Henry McDonald Tate, one of the first graduates of NCSU’s Computer



Joe Ryan and Hope Hall Tate

Science Department, received his B.S. degree in 1971. Tate spent most of his professional career at Bell Laboratories in New Jersey and later joined EMC Corporation in New York. He earned a master’s degree in business administration from Fordham University and was active in many civic and charitable organizations.

The late Lois Madden Todd blazed new trails throughout her life. She was the first female graduate in NCSU’s Chemical Engineering Department and only the third woman to receive an engineering degree of any type from the university. She worked in industry for many years and was a true pioneer at a time when the field hired very few women. Her husband Theodore Todd was president of the Todd Ranch Company, and they were both active in church and community affairs during their years in California and Arizona.

These endowments are investments in the present and the future of the NCSU Libraries. If you are interested in supporting the Fellows Program, please contact Greg Raschke at [greg\\_raschke@ncsu.edu](mailto:greg_raschke@ncsu.edu) or (919) 515-7188.



Lois Madden Todd

Donor Spotlight: **Frank Daniels, Jr.**

## "In memory of Jonathan Worth Daniels"

### Hunt Library Robot Named for Former Friends of the Library President

**"**I was a terrible strain on the library—I did much more reading outside of class than inside." So claimed Jonathan Worth Daniels (1902-1981) in an oral history recorded at the University of North Carolina in 1977.

If the statement is a true one—hardly a given to anyone acquainted with Mr. Daniels' usual wit—it certainly would not be the first time that the treasures in a good university library set a bright person on a great path. White House press secretary to Presidents Roosevelt and Truman, long-time editor and publisher of the *Raleigh News & Observer*, and author of twenty-one novels and books of history and cultural criticism, Jonathan Daniels left a strong legacy of tough-minded, progressive work that any library would be proud to claim.

In the summer of 2012, the Josephus Daniels Charitable Foundation made that legacy part of the Hunt Library by naming one of the four robots in the bookBot in memory of Jonathan Daniels, who served as president of the Friends of the Library in 1967-68.

Frank Daniels, Jr.—Jonathan Daniels' nephew and himself a long-time *N&O* editor and force in the economic and cultural life of North Carolina—explained the thinking of the Foundation as they chose to honor his uncle:

*Our principal thrust is in education, and we primarily give in eastern North Carolina and the Triangle. I knew we wanted to give to the Hunt Library; my uncle Jonathan was always involved with the libraries at NC State. And I was fascinated by the bookBot. It's just the sort of innovative technology that should be strongly associated with our engineering school.*

Citing the boon a great university is to the economy of a community, especially if the school is located in a state capital, Daniels sees the Hunt Library as an especially effective way to raise the profile of the College of Engineering: "we need to do what needs to be done to accomplish that."



Frank Daniels Jr.

Asked what his uncle's response to the distinctively twenty-first-century library might have been if he had been around for the Hunt Library opening on January 2, 2013, Frank Daniels, Jr. concluded: "Well, his first reaction to this grand building would have been to make a smart aleck comment to bring folks down to earth. But then he would have had something to say about how the building uplifts Centennial Campus and provides a center for it, how it is almost like the sun with its planets and satellites surrounding it—a point of inspiration."

Jonathan Worth Daniels was named in honor of his grandfather, Jonathan Worth, North Carolina governor from 1865-1868. His father, Josephus Daniels, was editor and publisher of the *N&O*, which he acquired in 1894, as well as Woodrow Wilson's Secretary of the Navy during World War I and United States Ambassador to Mexico during the Roosevelt administration.

In addition to editing the *N&O*, serving in a number of positions during the New Deal era, and gaining a national reputation as writer and historian, Jonathan Worth Daniels wrote for *Fortune* magazine, published a weekly column in *The Nation*, won a Guggenheim Fellowship, and served on the United Nations Subcommittee for the Prevention of Discrimination and the Protection of Minorities.

## NCSU LIBRARIES FELLOWS, 2011–2013

The NCSU Libraries Fellows Program develops future leaders for academic libraries, with a focus on science, engineering, digital librarianship, diversity, and library management. For more than ten years, the program has attracted an impressive group of talented new graduates from universities throughout North America. NCSU Libraries Fellows are appointed for a two-year term as members of the library faculty, combining an assignment on a strategic initiative with an appointment in a home department. The 2011–2013 class of NCSU Libraries Fellows were Bertha Chang, Michael Kastellec, Michael Nutt, and Charlie Morris.

While earning her Master of Science in Library and Information Science degree from the University of Illinois at Urbana-Champaign, **Bertha Chang** served as a graduate assistant at the Grainger Engineering Library, where she provided reference services and selected resources in the areas of engineering and physics. She was selected by the Association of Research Libraries for participation in its Career Enhancement Program. As part of that program, she completed an internship in the summer of 2010 with the NCSU Libraries in which she developed an information literacy curriculum for students in materials science and engineering and created video tutorials on engineering handbooks.

Before beginning her studies in Library and Information Science, Chang built a career at Applied Materials, the world's

largest manufacturer of semiconductor capital equipment. She served as program manager for the PVD Metal Gate Program and as senior engineering manager for the PVD Applications Laboratory. Chang earned the Ph.D. in Ceramics and the Bachelor of Science in Materials Science and Engineering from the Massachusetts Institute of Technology, and held a School of Engineering graduate fellowship at Stanford University. Her research and publications focused on processing of dielectric thin films for high-Tc superconducting device applications and characterization of their epitaxial and microstructural development.

**Michael Kastellec** holds the Master of Library and Information Science, Technology Track, from Valdosta State University, where he was awarded an MLIS Merit Scholarship. Prior to becoming a Fellow, Kastellec served as the computer specialist at the Oconee County Libraries in the Athens Regional Library System. As the sole IT specialist for two branch libraries, his



Bertha Chang



Mike Kastellec

responsibilities included support for every element of computer operations; consultation on technology budgeting, planning, and policy; and, at the regional level, coordination on purchasing and problem resolution. He was responsible for technology training for both patrons and staff and launched a regular series of classes on topics of interest related to technology. Additionally, he provided library services, including reference, collection development, and public relations, for the branch library. As member of the regional Web Development Team, he evaluated and improved the regional library system's web pages and collaborated on a complete redesign of the regional website.

Kastellec earned the Bachelor of Science in Science, Technology, and Culture from The Georgia Institute of Technology. He was co-presenter of “Making Library Websites More Usable” at the Georgia Library Association/Council of Media Organizations XXI.

**Charlie Morris** earned the Master of Science in Information Science from the University of North Carolina at Chapel Hill (UNC-CH). Morris brings a rich background in instructional technology and web development to the Fellows Program. Most recently, he was the distance education and web coordinator for NC State’s College of Natural Resources. In that role, he collaborated with faculty to develop and implement distance education



Charlie Morris

courses and programs. He was also the web developer for MEASURE Evaluation at the Carolina Population Center, where he developed data visualizations for geographically oriented data related to orphans in Kenya. He previously served as a member of the DELTA Instructional Services team at NCSU Libraries.

Morris earned the Bachelor of Science in Business Administration and the Bachelor of Arts in History from the State University of New York at Geneseo. He is the recipient of several DELTA IDEA grants, a two-time winner of the Pride of the Wolfpack Award, and a nominee for both the University Award for Excellence and the Gertrude Cox Award. He has presented across the state on topics relating to instructional technology, including a recent presentation at UNC CAUSE entitled “Delivering Digital Classroom Content: The Hybrid Theory of Classroom Capture,” and has served as facilitator for a Tri-IT

meeting, “Instructional Technology Development and Training for Faculty.”

**Michael Nutt** completed the Master of Science in Information Science from UNC-CH. While pursuing his studies, he served as research assistant to the Carolina Digital Library and Archive, as well as laboratory assistant in IT Services at the School of Information and Library Science (SILS). He founded the Carolina Digital Story Lab, a student group that uses digital technologies



Mike Nutt

to record, share, and preserve the stories of the student community, as well as *wikumentary.net*, a community effort to explore the intersection of wikis and documentaries. Before beginning his graduate studies, Nutt was the multimedia technician in the Department of Communication Studies at UNC-CH.

Nutt holds the Bachelor of Arts in Communication Studies and the Certificate in Nonprofit Leadership from the School of Social Work, UNC-CH. His honors include selection as the Michael Hooker Fellow in Applied Networking, as a Scholar in the Humanities, Arts, Science, and Technology Advanced Collaboratory Scholars Program, and as a recipient of the James C. Lampley Award for Excellence in Multimedia. He has been an exhibitor at the Carrboro Flicker Festival and at the Johnston Center Multimedia Festival and presented a paper, “The Story Economy,” at the Community Informatics Resource Network Conference in Prato, Italy.

## OUR LIBRARY PERSONNEL

**Chadwick Seagraves** is now the Information Technology Department's Library Technology Services Leader. Seagraves provides direction for the library's technology service program, including customer service, technology planning, and resource administration. He manages a full range of library computing services, including cross-platform desktop hardware and software, network services, multimedia technologies, training, and small-to-medium-scale application development of library technologies.

Seagraves brings a strong background in library information technology and customer service to the NCSU Libraries. He most recently served as library systems analyst for the Indiana Cooperative Library Services Authority, supporting the Ex Libris Aleph 500 Integrated Library System for the Private Academic Library Network of Indiana (PALNI).

Previously, Seagraves was the information technology librarian at Marion College, where he supported all library technology, assisted with the planning and implementation of a learning commons, redesigned the library website, and initiated various Library 2.0 services.

Seagraves holds the Master of Science in Library and Information Science from the University of Kentucky. He received the Bachelor of Arts in Philosophy from Eastern Kentucky University, where he was a member of the University Honors Program and Honors Scholar Graduate.

**Cory Lown** began his appointment as Digital Technologies Development Librarian at the conclusion of his NCSU Libraries Fellows appointment. He provides technical leadership and hands-on programming expertise for projects in the Digital Library Initiatives (DLI) department and identifies and investigates emerging technologies that have potential for new and improved library services.

In his home department assignment as an NCSU Libraries Fellow, Lown worked as a member of the DLI team. He has contributed as a developer for the North Carolina Architects and Builders project,



Chadwick Seagraves

providing programming expertise in PHP, Python, XSLT, and JavaScript. He has also been collaborating with Information Technology staff on the Virtual Shelf Index project, with a lead role in designing and developing a system for browsing the NCSU Libraries' holdings on a virtual shelf. Lown's project assignment was in Collection Management, where he assisted in the development of a system to make connections between library spending on resources and the demographics of schools, departments, and centers at NC State in order to improve the Libraries' ability to collect, manage, and use data to assess its collections and services.

Lown is the author of "Extracting User Interaction Information from the Transaction Logs of the A Faceted Navigation OPAC," published in *The Code4Lib Journal*, and "Are You Worth It? What Return on Investment Can and Can't Tell You About Your Library," published in *In the*



Cory Lown

*Library with the Lead Pipe.* He holds the Master of Science in Library Science from the University of North Carolina at Chapel Hill, where he was awarded the Margaret Ellen Kalp Fellowship, and the Bachelor of Arts in English Literature from Hamilton College.

As Associate Head of Aquisitions and Discovery, **Christee Pascale** shares management responsibility for developing and articulating policies and priorities for the department. She oversees monographs cataloging and leads the transformation from item-by-item cataloging of mass-published, print materials toward workflows that prioritize electronic access to the collections and the discovery of the Libraries' special collections.

Pascale joined the NCSU Libraries from the Utica College Library where she was Coordinator of Technical Services, managing workflow, policy, and practice for acquisitions, monograph and serial cataloging, binding, and the preservation and maintenance of special collections. She led Utica College's catalog migration and maintained the library's Sirsi Unicorn Integrated Library System and online catalog. In addition, she served as the library's web master and electronic resources librarian. Pascale brings extensive experience with cataloging and classification of library materials in all formats. Before joining Utica College, she was the Catalog Librarian for Bryn Mawr College Libraries. In that capacity, she served the Tri-College Consortium (Bryn Mawr, Haverford, Swarthmore) as the E-Resources Cataloging Coordinator and the SFX Coordinator. She began her career at West Virginia University Libraries.

Pascale has created and presented several workshops, including "MARC 21 Concise Holdings Data Implementation at Utica College Library," and "MARC for Archives and Special Collections," and co-authored "Managing Administrative Metadata: The Tri-College Consortium's Electronic Resources Tracking System (ERTS)," published in *Library Resources & Technical Services*. Pascale holds the Masters of Library and Information Sciences from the University of Pittsburgh and the Bachelor of Arts in Literature from George Mason University.



Christee Pascale

After serving as an NCSU Libraries Fellow **Andreas Orphanides** moved into the role of Librarian for Digital Technologies and Learning. He provides research and instructional support and reference service for the NCSU Libraries' clientele. He collaborates with faculty members, other librarians, and instructional technologists to explore, develop, promote, and assess innovative online tools and services, including those targeting off-campus learners.

During his Fellows project assignment in the Research and Information Services Department, Orphanides had extensive involvement with the Course Views course page generation system. He designed, developed, and programmed a suite of tools, as well as generated graphical reports, and proposed and scoped new components for Course Views. He also provided research assistance to library patrons and conducted library instruction sessions for



Dre Orphanides



Marian Fragola

Festival when that event is next hosted by North Carolina State University in 2014.

Fragola most recently served as Adult Programming and Humanities Coordinator at the Durham County Library, where she envisioned and delivered programs in literature, history, and the arts, reflecting the diverse constituency of Durham County. Working with scholars from institutions across North Carolina and with well-known authors, she created a humanities program for the library from the ground up. She brings a strong background in marketing, promotion, and fundraising to this position. Previously, Fragola was Associate Campaign Director at the

Atlanta firm of Coxe Curry & Associates, providing campaign counsel and management services for nonprofit fundraising campaigns ranging from \$1.5 to \$13 million. Earlier, she served as Development Associate for the Carolina Theatre of Durham and as Broadcast Coordinator/Copywriter for Belk in the Triad.

Fragola's program "Poetry for Everyone" was awarded the Achievement Award by the National Association of Counties and the Outstanding Adult Program Award by the North Carolina Public Library Directors Association. In 2009, her article, "Intergroup Dynamics: Librarians and Paraprofessionals in the Workplace" was published in *Library Leadership and Management*. Fragola holds the M.S.L.S. from the University of North Carolina at Chapel Hill, the Bachelor of Arts in English, *magna cum laude* from Washington University, and is a member of Phi Beta Kappa.

undergraduate classes. In his home department assignment in the Information Technology Department, Orphanides designed and developed web applications. He also planned, scoped, and developed a Javascript-based visual shelf-browse application for the catalog.

At the February 2010 Code4Lib Conference, Orphanides made a presentation entitled "Enhancing Discoverability with Virtual Shelf Browse," with NCSU Libraries colleagues Emily Lynema and Cory Lown. Other presentations include "Bringing More 'Context' to Students: to Place Information 'Back Stories' in Library Instruction," and "Balancing Scalability and Customization in the Creation of Library 'Course Pages.'"

He holds the Master of Science in Library Science from the University of North Carolina at Chapel Hill, where he was the recipient of the Margaret Ellen Kalp Fellowship and was a Carolina Academic Library Associate. Before embarking on his career in libraries, Orphanides completed a Mathematics Teaching Fellowship at Phillips Exeter Academy, where he taught Upper School Mathematics at the Wheeler School, Providence, Rhode Island. He also holds the Bachelor of Arts in Mathematics with minors in English and Religion from Oberlin College.

**Marian G. Fragola** joined the NCSU Libraries as Director of Program Planning and Outreach. Fragola provides programming that builds connections and networks between the NCSU Libraries and the university community. She plans and manages the Fabulous Faculty Series, the Stellar Student Series, and the Amazing Alumni Series, develops new programs, and will oversee the North Carolina Literary



Margaret Peak

**Margaret L. Peak** fills the role of Associate Head of Finance and Business for the Libraries. In this position, Peak ensures the integration of budget management with the planning and evaluation of library services, provides technical analysis and advice to support decision-making, and oversees major projects, including the move of collections to the new James B. Hunt Jr. Library. She also will serve as Interim Director, Planning and Research. This role will involve the preparation and submission of grant proposals, responding to surveys, and collecting and compiling statistical data for the Libraries.

Peak most recently served as Special Projects Manager in the University Library Administration at the University of Virginia, with responsibility for identifying and analyzing critical financial issues and creating workflows to improve efficiency of library operations. Her projects included developing methodologies, templates, and a memorandum of understanding for cost sharing between the Central Library and the Professional School Libraries, performing

in-depth cost analysis of public service and operational departments, and analyzing and interpreting salary trends. While pursuing her doctorate, she completed an intensive internship, providing high-level, hands-on experience working for university administrators. Assigned to the University of Virginia Library for her three-year internship, she provided strategic planning, budgeting, and reporting support for library administrators, including preparing materials for the Southern Association of Colleges and Schools (SACS) accreditation report. Her previous work experience includes serving as Controller at Gammon & Grange, PC, Attorneys at Law, as Assistant Vice President/Accountant IV at the Maryland National Bank, and as Staff Accountant with Ernst & Young.

Peak earned the Ph.D. in Higher Education Administration from the University of Virginia, where she was the recipient of the Johnnie E. Merritt Graduate Fellowship in Higher Education. She holds the Bachelor of Science in Accountancy from DePaul University.

## University Library Committee

The University Library Committee advises the provost and the vice provost and director of libraries on the formulation of library policy in relation to the development of resources for instruction and research; on the formulation of policy for the allocation of book funds; on the allocation of library space; and on the development of a general program of library service to the institution as a whole.

### University Library Committee Members, 2012–2013

#### Faculty and Staff Members

George Hodge	assistant dean for program development, graduate school, Textile Engineering Chemistry and Science
Martin Dulberg	senior coordinator, Distance Education & Learning Technology Applications –DELTA
James Knowles	teaching assistant professor, English
Dick Reavis	associate professor, English
Brad Mehlenbacher	associate professor, Leadership Policy & Adult & Higher Education
Harvey Charlton	emeritus professor, Mathematics
Michael Hyman	associate professor, Microbiology
Kerry Havner	emeritus professor, Civil, Construction and Environmental Engineering
Walter Wessels	professor, Economics
Paul Williams	professor, Accounting
Ed Sabornie	professor, Curriculum, Instruction & Counselor Education
Pamela Puryear	administration, Research Service Agricultural Research
Alice Warren	vice provost for continuing education, McKimmon Center for Extension and Continuing Education
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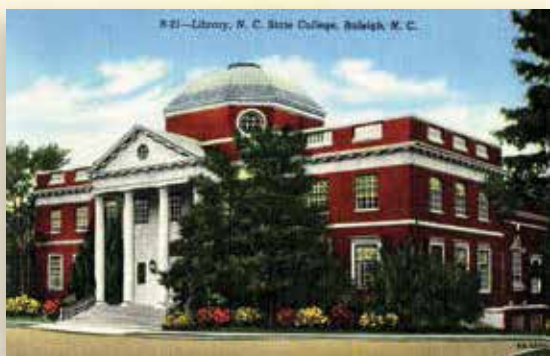
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Left to right: the original library at North Carolina State University in Pullen Hall, c.1911; the D. H. Hill Library's first home was in Brooks Hall, now home of the College of Design and the Harrye B. Lyons Design Library; the D. H. Hill Library in 2005; below: Holladay Hall from a 1895 postcard illustration. Images from NCSU Libraries Special Collections.





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Irving Goldstein and his wife, Helen during a 2008 bookplating ceremony at the NCSU Libraries.

## IN MEMORY: Irving Solomon Goldstein

Irving Solomon Goldstein, life member of the Friends of the Library, long-time supporter of the NCSU Libraries, and professor emeritus of Forest Biomaterials, passed away on September 25, 2012, after a brief illness. Author of over 150 publications on the treatment of wood for resistance to decay, insects, and other sources and on the uses of wood products in industry, Dr. Goldstein was recruited by NC State in 1971 to serve as Professor and Department Head in Wood and

theaters—duty that earned him the nickname of “Lucky” for the dangers he faced. Before becoming an academic, Dr. Goldstein had a distinguished career in industrial research and chemistry. As a holder of 17 patents, he pioneered, among other processes, early technologies to turn plant products into ethanol.

The NCSU Libraries is grateful to Dr. Goldstein and Helen Goldstein, his wife of over 65 years, for establishing the Irving S. and Helen Haft Goldstein Endowment to support our collections in social work, cellulose, and renewable resources in all formats. But most of all, we are lucky to have known and worked with a man who, as his obituary pointed out, “was a brilliant yet modest scientist. He cared deeply about his family and community, devoting his life to nurturing students, mentoring young scientists, and guiding his family by his exemplary ethics and compassion.”

Professor Goldstein is survived by his daughter Ardath Goldstein Weaver and son-in-law Reagan Hale Weaver of Raleigh and by his daughter Darra Goldstein Crawford and son-in-law Dean Adams Crawford of Williamstown, Massachusetts. Other survivors include five grandchildren and two great grandchildren.

Paper Science. He retired from the university in 1991.

He came to NC State already rich in life experience, having served as a lieutenant, executive officer, and commanding officer in the United States Naval Reserves from 1942–1946, in both the American and the Asian



The James B. Hunt Jr. Library at North Carolina State University, 2013.

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