

# KUDOS

## Go Design Article

### Cheryl Leguillow

#### ● GODESIGN



**KATY WHITE**  
Interior Designer  
Sustain Eco-Interiors  
Hood River, Ore.

Hospitals have government minimum standards must be more stringent areas that the end-user and floors. That improve durable and is a benefit shows schools requirements for

ing option is can be difficult be considered. Schools are a heavy-use setting and require flooring that is highly durable, easy to maintain, non-toxic and aesthetically pleasing. Most importantly, the product must perform well and contribute to a healthy interior environment.

There are a few products on the market today that meet those minimum requirements and have the benefit of being environmentally sustainable. The best options include products that require lower water and energy use during manufacturing, are biodegradable and are able to be reclaimed at the end of life.

Products such as linoleum are highly resilient, biodegradable and require minimal maintenance with non-toxic cleaning methods. Composite tiles from reclaimed materials like rubber and cork can also be a great alternative to traditional VCT.

Other options to consider for flooring are FSC-certified wood sources or carpet tiles made from high recycled content. Both are highly durable and can be installed using no-VOC adhesives. The proper specification of interior finishes not only help to achieve the minimum LEED requirements but allow end users to occupy a healthy space with little effort.



Architect Darko Hreljanovic specified a cement tile that contained aggregate in the commons at Cornell's Human Ecology Building.



**CHERYL LEGUILLOW**  
Interior Designer, University of North Carolina  
at Chapel Hill, Chapel Hill, N.C.

Since the University of North Carolina is a public institution, we are bound by state purchasing guidelines when specifying most of our flooring applications. We first decide the function of the space needing flooring to determine the appropriate specification.

In an educational environment, durability is of utmost concern since the public spaces get a lot of traffic and abuse. We then decide the best product for the project based on lead time, ease of purchase (if it has to be bid, if it's on state contract or if it is on a buying agreement) and appropriateness of material.

We try to offer the most sustainable solution, but strict budget limitations may limit the resources we can consider when specifying resilient flooring.

If carpet is the right solution for a project, we will narrow our options based on aesthetic and product characteristics. UNC decided to standardize carpet tiles rather than broadloom applications in our facilities because they are long lasting, offer a great aesthetic and are a more sustainable solution.

The tile can be installed with minimal waste; attic stock is easier to store and maintain in a small footprint. The installation around existing furniture and space limitations is much quicker than installing a broadloom; down time for the end user is minimized, which is very important when working in public spaces.

Retaining the long-term appearance of a space with carpet tile is easier. As a tile becomes stained or soiled beyond standard maintenance, it can be replaced with attic stock or taken out to be cleaned and returned to the floor.

We look for backing systems free of PVC; most of the manufacturers now offer sustainable options in their backing systems that won't harm the environment and won't off gas. We have many older buildings that may still have VAT that has not been abated. In these applications where abatement is not part of the overall project scope, we will specify a manufacturer's product that offers a glueless installation method. When we do require an adhesive-based approach, we specify low-VOC products for our project work.

The benefit to UNC is a healthier environment for our faculty, staff and student body with the option to recycle/reclaim the product at the end of its life.

You are published!  
-Jane

 *Weather Event*

- **Grounds Services**

From: Lofgren, Steven  
Sent: Monday, February 17, 2014 1:00 PM  
To: Baucom, Bridget  
Subject: Rooms at Odum

Again, it was our pleasure, Bridget. I sincerely hope that your team is getting the praise and credit it deserves for their incredible efforts and sacrifices last week. Please know how much the Department of Housing & Residential Education and our student-residents appreciate you all.

Steve  
Steven T. Lofgren  
Assistant Director  
Department of Housing & Residential Education  
University of North Carolina at Chapel Hill  
919-962-0755

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 Housekeeping – Floor Cage Organization

- **Steven Morris/Mark Platou**

Good afternoon Steve and Mark,  
The new floor team cage looks great. It is very organized and it shows that a lot of work went into organizing it and laying it out. I can see already that it will help with controlling our floor care supply inventory and equipment.

Thanks for your efforts.  
Darius Dixon  
UNC - Chapel Hill  
Director

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 Clinics/Labs

- **Housekeepers Zone 215**

From: Elsenrath, Al  
Sent: Monday, March 10, 2014 9:15 AM  
To: Burgess, Delisa

Delisa,

First, I want to commend your crew for performing so admirably with short staffing and adverse weather. The school remained fully operational with your

great leadership. I appreciate the emails alerting me to what your capabilities were and of any issues I needed to address. Thank you.

I am available to meet with you any morning at 8:00 this week except Friday.

AL

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 210 Pittsboro Street

- **David Ward**

From: Convissor, Linda

Sent: Thursday, March 06, 2014 5:53 PM

To: Work@FAC.UNC.EDU

Cc: Runberg, Bruce L

Subject: RE: FS Work Order 14095876; Opened; IN ROOM 200, THERE IS ABOUT A 1/2 INCH G

I wish I had taken before and after pictures - I came back after lunch to find this work done and my office looking better than it ever has. I'm embarrassed that I didn't get the name of the gentleman who I met this morning when he first came by to see what needed to be done; besides doing great work he was friendly, upbeat, and his visit was a great way to start the day.

Thanks - from a very happy customer.

Linda

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 Human Resources/Training

- **Justin Case**

Hi Tracy,

Justin Case has been a huge help with scheduling the Imaging Research Building maintenance training. Could you please thank him for his outstanding efforts? With the huge amount of training for this project and the many players that are involved, this has not been a simple task. As a result of Justin's excellent professionalism, competency, versatility, and innovative approach there has been excellent attendance, and I have heard that in the majority of the cases, the quality of the training has been very good. What a relief to have Justin involved. Thank you.

Sincerely,

Joe Magura

Facilities Mechanical Engineer Department of Geological Science

- **Lou Buarotti/David Sichi/Jeff Byrd/Tim Ellis/Richard Langley/Roger Link/Benny Burton/Randolph McDaniel**



THE UNIVERSITY of NORTH CAROLINA  
at CHAPEL HILL

Drew S. Coleman  
Associate Professor of Geological Sciences  
325 Mitchell Hall Phone: 919.962.0705  
CAMPUS BOX 3315 Fax: 919.966.4519

February 22, 2014

Anna Wu, Assistant Vice Chancellor of Facilities Operations  
Giles F Horney Building 103 Airport Drive  
Campus Box 1800  
Chapel Hill, NC 27599-1800

Dear Vice Chancellor Wu:

I am writing this note to commend one of your teams for an excellent job done. Lou Buarotti and his crew (named below) are wrapping up a job for me that was rushed and took some unexpected twists. They completed the job quickly, professionally and courteously. What I feared had turned into a nightmare is ending perfectly.

I am in the Department of Geological Sciences (Mitchell Hall) and was recently awarded a National Science Foundation, Major Research Instrumentation grant to purchase a nearly \$700k instrument. The plan in the proposal was to install the equipment in an existing lab. However, after a structural evaluation (recommended by Lou) revealed that the floor in the planned space could not support the equipment, we had to scramble to identify new space and completely scrap all the plans we made. Complicating matters was the fact that the instrument was scheduled to ship, and the space needed to be ready to install the equipment upon arrival. As soon as space was identified, Lou and his crew swept through and turned what was a cluttered storage room into a respectable laboratory. The job is all but done, well ahead of arrival of the instrument. I do not think there was anything particularly "tricky" about the work, but Lou and his crew impressed me with how quickly and professionally they handled the job. I stopped in regularly to check progress and found Lou and every worker cheerful, ready to answer questions and ready to adjust plans as the project evolved and new kinks were identified.

In addition to Lou, I would like to single out David Sichi and Terry Hornady (shop 506, carpentry), Jeff Byrd (shop 507, electrical) and Tim Ellis (shop 513, paint), as well as Richard Langley, Roger Link, Benny Burton and Mr. McDaniel (shop 512, abatement).

I am on my way to the UK for a final "test drive" of the new instrument, and it should be installed some time in the middle of the week of March 24. I encourage you to stop by – it should be quite the spectacle as they crane the instrument from the parking lot, over the top of Mitchell Hall and into the room through a third floor window.

Sincerely:

A handwritten signature in black ink, appearing to read "Drew S. Coleman".

Drew S. Coleman  
*Associate Professor, Geological Sciences*

cc: Bruce Runberg, Associate Vice Chancellor of Facilities Operations  
Diane Bachman, Interim Director of Design & Construction  
Louis Buarotti, Design and Construction



## Morning Edition

Sponsored by:

Mar 12, 2014, 7:03am EDT | UPDATED: Mar 12, 2014, 7:18am EDT

# UNC saves \$23.5M in energy costs thanks to NCSU-trained engineer



**Jesse Burkhart**  
Digital Producer-  
*Triangle Business Journal*  
[Email](#)

The efforts of a mechanical engineer trained at N.C. State University are helping UNC-Chapel Hill save millions in energy costs every year.

In an interview with Chapelboro.com, Chris Martin, UNC's energy management director, explains how he has helped save the university \$23.5 million in energy costs since 2009.

Among his most successful initiatives, according to the report, has been the installation of computer control systems that manage heating and cooling throughout the majority of UNC's 300-plus buildings. The university has also installed energy dashboards which allow the building's occupants to view real-time data on how that building is performing, helping to increase awareness of energy usage.

"As a mechanical engineer, waste really irks me," Martin told Chapelboro. "So, success for us, and me personally, is increasing our team's effectiveness in their area of influence so that we are truly not wasting any energy."

Martin is also the co-chair of the Campus-Based Energy Efficiency Working Group of the UNC Energy Leadership Challenge, which has a goal of saving the UNC school system \$1 billion over the next 20 years.

Burkhart oversees TBJ's web operation.



*Dan Sears/UNC-Chapel Hill*

Chris Martin heads up UNC's energy management program.

## Responses from FS Customer Satisfaction Survey

### Administrative Office Building

- **Design & Construction Services**

The representative that worked on this project did an excellent job. He had a dimensional and thorough understanding of not only what I was requesting but he also improved or fixed things that he ran into along the way. Example: When he installed the file cabinet under a sectioned table top that was previously supported by brackets, he adjusted the levelers on the supporting file cabinet which lifted the resting table section to perfectly align with the adjoining section. He could have left a small gap but he didn't. When he moved my desk, he found that it was missing screws holding the return to the front, he fixed that. He was anticipatory and tweaked things so that everything was in better shape than how he found it. He should mentor other people to pass on his conscientious, dimensional thinking and work ethic. His thoroughness was really impressive and added value and longevity to the equipment he adjusted. This person is an asset.

-Cecilia Walcek

### Odum Village

- **Mike Bishop/Housing Support South Campus Maintenance**

The man that helped me was Mike Bishop. There are not enough positive things I can say about this guy. I can honestly say that Mike is one of the nicest humans I have ever met anywhere. Not only did he do a great job fixing my lights, but he also was genuinely kind, helpful, and very knowledgeable. I am looking forward to trying out some of the restaurant recommendations, Mike. Thank you so much!

-Andrew

### Connor

- **Housing Support Locksmith Shop**

Excellent service! Facilities Services arrived promptly and were very polite. They listened to my problem and then addressed it within a few minutes, replacing my door handle entirely. I also appreciated the personal call to investigate the problem before they arrived. The service was exemplary! I am so thankful that this is provided.

-Abby Dennison

✚ Baity Hill Student Family Housing

- **Mike Holloway/Housing Support South Campus Maintenance**

Mike Holloway went above and beyond his duty. He is friendly and respectful. He even fixed my bathroom light and left the work area completely clean. He was great!

-Le'Asia Merritt

✚ Hill Alumni Center

- **Justin Matthews/Campus Maintenance – Electrical**

Justin took care of the problem quickly and made sure that I knew when he had finished. I really appreciate when Facilities Services keep me in the loop as to what work is being done here. Justin is always a pleasure to work with.

-Mary Catherine Kurzenski

- **Fred Leitch/Campus Maintenance – Plumbing**

I can always count on Fred to come quickly and handle whatever problem we have. He is very good to work with.

I very much appreciate how quickly Fred responds to our plumbing challenges. The Clun kitchen uses a lot of water and when the drains are clogged, work has to stop. Fred always does a good job and lets me know what he found that was causing the problem.

-Mary Catherine Kurzenski

- **Marcus Leinfelder, Jerome Williams/Life Safety – 2<sup>nd</sup> shift**

This request was last minute for the Carolina Club and I was not sure that Shop 573 would be able to help. I spoke with Spike, he said no problem and Mark was there within 10 minutes to turn off the smoke detectors in the dining room so the Club could cook in there. I cannot ask for better service!

-Mary Catherin Kurzenski

- **Paul Ranard/Access Controls – Hardware**

Paul is a wizard with all of our hardware! There does not seem to be anything he cannot fix. We definitely appreciate his efforts.

-Mary Catherine Kurzenski

- **Paul Ranard, Kent Hawkins/Access Controls – Hardware**

Ken and Paul are the best!!! They have knowledge about their craft and have always been able to fix whatever breaks or needs adjusting here. I appreciate their efforts.

-Mary Catherine Kurzenski

 Pharos Print Stations

**Ken Vogel/Gary Custer,/Jeff Fogleman/Karl Sutherland/Jamie Ellis/  
Dean Smith**

From: Hyatt, Craig K

Sent: Tuesday, March 25, 2014 5:16 PM

To: Vogel, Kenneth; Glenn, Christopher S

Subject: Thanks for all your help

Ken,

I wanted to take a moment to thank you and your team for all the hard work getting the enclosures installed for the Pharos print stations. You guys did a great job with a tight deadline. I really appreciate the dedication and professionalism.

Thanks again!

Craig

Craig Hyatt

Director Information Technology