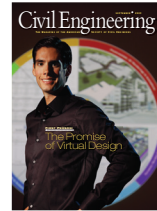


▶ **Mitchell covers virtual design**



**Dmitri Mitchell** ('02 civil engineering) was featured on the cover of the American Society of Civil Engineers *Civil Engineering* magazine in September 2009. Mitchell, an engineering manager for Black & Veatch in Kansas City, Mo., penned the magazine's cover story on virtual design in which he mentions his undergraduate career at Iowa State and ISU's Virtual Applications Center, better known as C6. Mitchell writes that virtual design models help engineers and non-engineers gain a better understanding of a building project and help minimize surprises in the completed project. "[Virtual design] shows great potential in the engineering and construction industry to reduce design time and costs because it makes it possible to examine processes in a more collaborative and intuitive manner."

▶ **Geo-mapping in Manilla**



When **Justin Dodge** ('01 finance) finished imaging agricultural fields last fall for GeoVantage (an aerial mapping company for which he is flight operations manager), he got an interesting assignment: to map out the areas of devastation of the typhoon-flooded Philippines. Dodge has photographed millions of acres of U.S. and Canadian fields, forests, and cities with a camera mounted to the landing gear of small airplanes; the photos

are then run through high-tech software. He said a million people had been displaced near Manilla, and his maps helped relief agencies identify the hardest-hit areas. Dodge traveled to the Philippines with **Nick Morrow** (03 aerospace engr), operations manager for GeoVantage.

▶ **Chesmore named engineer of the year**



**Russell "Rusty" Chesmore** ('85 civil engineering), vice president and transportation business unit leader for Mead

& Hunt, Inc., was named a 2009 engineer of the year by *Wisconsin Builder*, an architecture, engineering, and construction trade journal. The recognition was in part for Chesmore's speedy leadership on what could have become a two-year project. In June 2008, heavy rains caused central Wisconsin's Lake Delton to breach its borders and drain into the Wisconsin River, destroying a section of the highway. Chesmore and a colleague carefully balanced the project's many players — federal, state, and local agencies as well as contractors and subcontractors — to get Highway A and the Dell Creek Dam repaired in time so the lake could be refilled within just six months. Chesmore was also recognized for his "solo leadership" on several projects in 2009.

▶ **Karen Davis, food consultant**

**Karen Kalsem Davis** ('89 educational services in family and consumer sciences / home education) writes a regular column for *Our Iowa* magazine, travels as



a freelance demonstrator for the popular Taste of Home Cooking Schools, and operates her own freelance food

marketing company, Karen Davis Communications. Davis has worked in food marketing and education for companies such as Maytag Appliances, the National Pork Producers Council, and the Iowa Egg Council. She lives in Stuart, Iowa.

▶ **KC's acting city manager is an ISU alum**



**Troy Schulte** ('92 history, '94 economics) was once city manager of the town of Marengo, Iowa, population 2,500.

Now, according to a story in the Nov. 21, 2009, *Kansas City Star*, he finds himself in a "much hotter seat in a much bigger city."

He was named acting city manager in Kansas City, Mo., by a one-vote margin in an "angry and chaotic City Council meeting," the story says. His job will be to try to "calm the waters while at the same time helping city government confront another massive budget shortfall."

"It's going to be very tough in the near term," Schulte told the *Star*. But it's a challenge he said he relished.

After serving as Marengo city administrator for several years in the 1990s, Schulte came to Kansas City 11 years ago as an entry-level budget analyst. He quickly rose through the budget ranks and was named budget officer in 2003.

Schulte is regarded as "easy-going and collaborative. He has often been the go-to person at City Hall for council members. They could trust him for information without sugarcoating," the article said.

Council members said Schulte may well be the city manager for the foreseeable future — possibly until the next city elections in spring 2011.

▶ **Squire will be artist in residence**



**Mitchell Squire** ('94 architecture, MAR '01), an ISU associate professor of architecture, is one of seven

artists to receive the 2010 Midwestern Voices and Visions award from the Alliance of Artists Communities.

Funded by the Joyce Foundation, the award supports and promotes the work of exceptional artists of color working in any visual, literary, or performance discipline. It provides each artist with a short-term residency at a Midwestern arts organization and a \$4,000 stipend to support his or her creative endeavors.

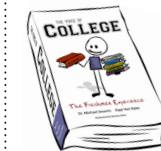
Squire will spend five weeks in residence at Ox-Bow School of Art in Saugatuck, Mich., beginning in early September.

"I look forward to the opportunity to spend quality time focusing exclusively on producing artwork and being in the company of individuals with whom to share ideas about the culture and practice of art today," Squire said. His recent work may be viewed at <http://mitchellsquire.com/home.html>.

▶ **Houston-area elementary school named for alumna**

A dedication ceremony was held in October 2009 to celebrate the opening of the Sandra Mossman Elementary School, named in honor of **Sandra Mensing Mossman** ('66 English and speech), retired superintendent of the Clear Creek Independent School District in League City, Texas. Mossman, a Davenport, Iowa, native, became a school guidance counselor in 1985 after spending years at home raising her own children. She later became an assistant principal, elementary school principal, high school principal, and then moved to the superintendent's office, where in 2003 she became the first female superintendent of the district. The city of League City declared Oct. 18, 2009 as Sandra Mossman Day.

▶ **Words of wisdom**



ISU alumni **Michael Severin** ('05 zoology, DVM '06) and **Kipp Van Dyke** ('02 child and family services)

recently published a college freshman handbook titled *The Voice of College: The Freshmen Experience*. The book broaches timely topics such as campus safety, college costs, living green, personal wellness, social networking, and the secrets of "A" students.

Van Dyke told the *Iowa State Daily*, "I think back to my first year, and I didn't have a whole lot of guidance. I want to help people like me who may need an extra tip or two to succeed in a class and also help those who are on the right track stay on it and maximize their opportunity."



▶ **Deadly summit**

The *New York Times Book Review*, in its Nov. 8, 2009, edition, ran a review of the book *K2: Life and Death on the World's Most Dangerous Mountain*. The connection to Iowa State is not the book's authors (Ed Viesturs and David Roberts) but rather the book's story of one of the most famous climbers of K2: **Art Gilkey** ('49 geology). Gilkey was a geologist and mountaineer who famously explored Alaska in 1950 and 1952. He died during a 1953 American expedition to K2. During the climb, Gilkey collapsed with thrombophlebitis. As his fellow climbers desperately tried to get him off the mountain, the *Book Review* says that he was "freakily swept away by an avalanche. Or, less plausibly, did he cut his own rope to save the rest of the team? On their desperate descent, they followed down streaks of his blood. Gilkey's death, no doubt, had meant their survival." His remains were not discovered until 1993.

K2 is the second-tallest mountain in the world and widely considered the most difficult to climb and the most deadly. Last year, only 18 people summited K2, and 11 died trying. The memorial to deceased climbers on K2 (pictured above) was built for and named after Art Gilkey.