Using architectural design to teach math skills
Project awarded three-year National Science Foundation grant

By Nicole Brooks
NEWS AND RESEARCH COMMUNICATIONS

Rebuilding a city from the ground up requires math skills, knowledge of architectural design, common sense and an appreciation for what residents need and want. It can also be fun.

The College of Education’s Fengfeng Ke, an assistant professor in the Educational Psychology and Learning Systems department, is creating a computer game, “Earthquake Rebuild,” that encourages creativity in design and uses architecture to teach geometry and other math skills. Ke and her team of fellow educators were awarded a $549,937 National Science Foundation grant to support the creation of this game-based learning platform.

The game will be designed for middle-school students. Players are tasked with rebuilding a virtual village following an earthquake.

Askew School professor named to top editorial post

By Rob Nixon
COLLEGE OF SOCIAL SCIENCES AND PUBLIC POLICY

With the recent appointment of Richard Feiock as the managing editor of Richard Feiock as the managing editor of the prestigious journal Public Administration Review (PAR), the Reubin O’D. Askew School of Public Administration and Policy now has three professors in editorial positions, placing Florida State in a unique position to shape research outputs in the field. Feiock will assume the managing editor role Jan. 1.

Feiock, the Augustus B. Turnbull Professor of Public Administration and the Jerry Collins Eminent Scholar Chair at Florida State, will play a key role in reading, evaluating and assigning for review several hundred article-submissions each year. He joins two other Askew School professors in important ASPA positions. James Bowman, director of the school’s MPA program, is the longtime editor of the organization’s journal Public Integrity. Kaifeng Yang, director of the Ph.D. program, is the managing editor of...
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NewsMakers

“It’s well known that testosterone is linked to aggression and competitiveness. Based on our testosterone findings, one could speculate that women exposed to the scent of ovulation might become more antagonistic or competitive.”

— Jon Maner, a Florida State University professor of psychology, as quoted Sept. 25 by ABC Science (Australian Broadcasting Corporation) discussing how women might actually be able to sniff out the competition among other ovulating women, according to a study he and co-author James McNulty published in the journal Evolution and Human Behavior (September 2013).

Be sure to visit the FSU Makes News section of Florida State 24/7.
news.fsu.edu

hello!
Colleen Fahey

Job title: Technology Specialist, Center for Academic and Professional Development
To-do list: Leads the electronic media team that creates graphics, publications, web design, web content, photography and social media for the center and its clients at the Augustus B. Turnbull III Florida State Conference Center.
Years at FSU: 13
Team player: Was a member of the U.S. National Rugby Team that won the first-ever Women’s World Cup in Wales in 1991.
Pushing the limits of endurance: Became hooked with her first Crossfit workout three-and-a-half years ago. Since then, has reached the winner’s podium in competitions throughout Florida and Georgia.
Gold medalist: In July 2013, she won the gold medal in the Masters 50-54 division of the 2013 Reebok Crossfit Games in Carson, Calif.
Quotable: “Winning the gold was unbelievable and so fulfilling. It took real commitment to training harder, longer and working on my weaker areas. It was definitely worth all the hours of training. I encourage everyone to shoot for their dreams, no matter what age they are!”
Yeah, she’s on Facebook: Check out “Team Colleen Fahey.”
In early September, Florida Department of Transportation began work to resurface Tennessee Street from Ocala Road to Monroe Street.

The major Tallahassee thoroughfare defines the northern edge of the Florida State campus and is heavily used by students and employees. For these reasons, the project will not only resurface the roadway but also incorporate features to improve pedestrian safety.

“When this project is finished, it will be an improvement for student safety and beautification,” said Larry Rubin, director of Facilities Design and Construction at Florida State.

Along the Tennessee Street strip from Dewey Street to Adams Street, pedestrian refuge islands will be installed in the median. In addition, two mid-block crossings will be added: one along the strip at Raven Street, to connect Zaxby’s and Target Copy; the other just west of the Alumni Association/President’s House complex, to connect Burger King and McCollum Hall.

Along the stretch of Tennessee in front of the Alumni Association/President’s House complex — which has been graced by 80 crape myrtles since the early 1980s — a barrier will be built to prevent jaywalking.

“After working closely with the Department of Transportation, we came up with a solution to build the barrier on one side of the crape myrtles,” Rubin said. “The beauty of that stretch of Tennessee will be retained with only 16 crape myrtles being relocated.”

The university is working with the Department of Transportation to develop a landscaping package above what would normally be installed, according to Rubin.

The project also will repair crumbling sidewalks, rebuild non-compliant curb ramps and install the latest pedestrian “walk/don’t walk” signals.

To keep traffic moving as normally as possible during the 10-month project, all construction work will take place from 8 p.m. to 7 a.m. There will be no lane closures during Florida State or Florida A&M University home football game weekends or during other major activities or events. Access to businesses and residences will be maintained at all times.

For more information from the Florida Department of Transportation District Three, visit Twitter: @MyFDOT_NWFL.
Katie Perkins, associate director of university budgets, is pursuing a Master of Accounting (MAcc).

“I’ve found the College of Business to be extremely flexible, allowing me to schedule individual courses as my full-time job allows and complete the program at my own pace,” Perkins said.

Since fall 2001, Florida State has provided employee tuition scholarship funds for full-time employees to take up to six hours of coursework per semester. Designed for full-time employees who are part-time students, only one course may be taken during regular business hours with supervisory and department head approval.

Florida State employees taking online classes will still need to pay applicable fees, which vary depending on the program. More information, rules and restrictions may be found at the following website, [http://gradschool.fsu.edu/Funding-Awards/Tuition-Waivers-and-Fees](http://gradschool.fsu.edu/Funding-Awards/Tuition-Waivers-and-Fees).

Prospective students attending the fair may also pick up information on the required GMAT admission test and opportunities for financial assistance.

“Most of our graduate students who are university employees are pursuing an MBA in evening classes twice a week, but we also have part-time, online programs in business administration, management information systems and risk management and insurance that specifically target working professionals and full-time, on-campus programs in accounting, finance and marketing,” said Jennifer Clark, the college’s director of graduate programs.

This year the college has added a new Business Professional Specialization, consisting of 12 credit hours from a slate of online courses designed for working professionals who want to bolster their skills in specific business disciplines, such as accounting, finance, management information systems or marketing, without pursuing a degree.

Christine Conley, an assistant director in human resources, spent seven semesters attending evening Master of Business Administration classes and graduated in May.

All Florida State employees and students will have the opportunity to find out more about part-time, online and full-time possibilities at the College of Business’ inaugural Graduate Business Connection, a student-recruitment fair, from 10 a.m. to 2 p.m., Wednesday, Oct. 16, on Oglesby Union Green.

Sustainable Solutions

Florida State will observe Strive Not to Drive week, Oct. 21-25.

Did you know that if everyone at Florida State drove one less mile a day, that would be equivalent to taking about 1,000 cars off the road for a year? Transportation causes 29 percent of all greenhouse gas emissions globally, so we could all save money and help make Florida State a healthier campus by exploring sustainable transportation options.

Consider using a different method of transportation to get to work one day a week. Benefits include cost savings, time savings, improved efficiency, decreased emissions, improved mobility and better health.

Florida State has some great commute options. Check out Zimride, Zipcar, StarMetro, and Commuter Services for ideas. To learn more about alternative transportation options on campus, visit [sustainablecampus.fsu.edu/around-campus/alternative-transportation](http://sustainablecampus.fsu.edu/around-campus/alternative-transportation).
The game will be similar to the popular commercial game Minecraft, a Lego-like computer game about breaking and placing blocks. Earthquake Rebuild takes this idea further, Ke said.

“We want to simulate the real world more than Minecraft’s been doing,” she said.

When rebuilding, Earthquake Rebuild players will consider architectural principles like symmetry and balance. Students can make artistic choices about color and will have to manage a budget. And they can consider the culture and values of their city. While the initial test game episode is set in Japan, Ke wants the game to be customizable so players can rebuild virtual cities around the world.

This autonomy gives players a sense of ownership and cultivates creativity, Ke said.

“We’re trying to encourage authenticity and real-world design.” Ke wants the game to be enjoyable for different sorts of game players, even those who don’t enjoy Legos. But, she said, having fun doesn’t mean hiding the fact players are also learning. There is a belief that educational games should mask the act of learning to attract children to the game, Ke said. She believes children are smarter than that idea allows.

“They can definitely smell the math,” especially after playing for a few hours, she said. Ke doesn’t want to hide the learning process from children.

To read the entire story, visit news.fsu.edu.

Public Performance & Management Review.

“It is an honor to be named managing editor of PAR,” Feiock said. “Bringing PAR to the Askew School is great for our faculty and FSU because it provides visibility and influence for the university and recognition to the Askew School as one of leading public administration programs in the nation. The managing editorship of PAR provides an opportunity to shape the discipline and help chart the future of scholarship in a field that is rising rapidly in international importance.”

To learn more, visit askew.fsu.edu.

Rankings, editorial appointments combine to enhance school’s prestige

In its annual rankings of the best graduate schools in the country, U.S. News & World Report placed the Askew School at 16th in the nation for public affairs in general and 15th in the specific area of city management and urban policy. William Earle Klay, professor and director of the Askew School, believes Feiock’s appointment, added to the positions held by Bowman and Yang, will enhance the college and the university’s reputation, an assessment shared by David W. Rasmussen, dean of the College of Social Sciences and Public Policy, home of the Askew School.
change, Florida State is embarking on a plan to address the present and future needs of data security and privacy. I applaud the university and look forward to working with faculty, staff and students on this vision.”

The goal of the office is to promote a safe and secure cyber environment at Florida State. A large part of the office’s efforts will be devoted to building security awareness and training. This October, Florida State is participating in National Cyber Security Awareness Month and is hosting several events and a universitywide cyber pledge to support the awareness campaign.

“Cyber threats are always evolving,” said Michael Barrett, associate vice president and chief information officer at Florida State. “The Office of Security and Privacy will help Florida State build a more resilient cyber environment and protect data from future threats.”

The newly created office is housed under Information Technology Services (ITS) and oversees the confidential integrity, availability and privacy of university’s data. Mike Russo, former chief information security officer for the state of Florida, was hired in August as the director of information security and privacy to lead the office.

“The cyber threat landscape has changed dramatically over the past five years,” Russo said. “Recognizing that...
DEPARTMENT REPRESENTATIVE MEETING: Will take place Wednesday, Oct. 16, from 8:30 to 11 a.m., College of Medicine Auditorium, Room 1400. The Office of Human Resources will have critical information to share, including updates on the Affordable Care Act and other HR related matters.

TRAINING AND ORGANIZATIONAL DEVELOPMENT

Instructor-led and online training opportunities are available to Florida State faculty and staff members. To view a schedule of classes and registration information, visit www.hr.fsu.edu/train. To register for classes, log in to www.omni.fsu.edu and click in sequence: “Human Resources 9.1”, “Self Service”, “Learning and Development”, “Request Training Enrollment” and “Search by Date, Course Code or Course Name”. From there, click on “View Available Sessions” and choose a session number. Follow the prompts to submit a request. To view a course description, click on the icon.

More information: (850) 644-8724.

ADVANCED LEVEL LEADERSHIP PROGRAM: This certificate series offers an opportunity for Florida State’s mid-level and executive leaders to further develop and enhance their leadership knowledge and skills. The curriculum focuses on relevant topics related to leadership in higher education and includes facilitated discussions, case studies and group activities. The Advanced Level Leadership Program is targeted for mid-level or higher administrative or managerial employees supervising personnel or faculty classification, or for employees who have completed the Frontline Leadership Certificate Program. The objective is to assist in meeting university staff development goals. Courses will be offered one to two times per year and course content is subject to change. There is no completion deadline to receive a certificate. To view the certificate curriculum, visit www.hr.fsu.edu/train and navigate the Certificate Series Information.

BENEFITS

OPEN ENROLLMENT: The State of Florida Benefits Open Enrollment period for the 2014 Plan Year will be Oct. 21 to Nov. 8, 2013. Detailed information about the group insurance and supplemental plan offerings will be sent to all eligible employees at a later date. All employees should log in to the People First website (http://peoplefirst.myflorida.com) to update their mailing addresses and other contact information. This will ensure that employees can receive important benefits-related notifications from People First. Employees who do not know their People First IDs can send an email to the Benefits Office at insben@fsu.edu to have it sent to them.

More information: www.hr.fsu.edu

OPS HEALTH COVERAGE/AFFORDABLE CARE ACT: Employees are encouraged to visit the Human Resources website (www.hr.fsu.edu) to find the latest information about OPS health coverage options provided under the Affordable Care Act. Beginning Jan. 1, the state of Florida expects to offer group health insurance coverage to OPS (temporary) workers who meet specific eligibility requirements.

BENEFITS AND WELLNESS FAIR: The 13th annual fair will be held Tuesday, Oct. 22, from 10 a.m. to 2 p.m., Oglesby Union State Ballroom. Insurance, retirement, community and campus organizations will participate and have information available. In addition, representatives from the state group insurance plans and FSU’s Human Resources Benefits Office will be in attendance to answer questions about Open Enrollment.

MAY/JUNE 2013 RETIREES: Alex Allen, Facilities Maintenance; Larry Barber, Postal Services; Robert Bradley, Provost and Vice President for Academic Affairs; Patricia Brinkley, Institute of Molecular Biophysics; David Butler, Interior Design; Joseph Cain, Geophysical Fluid Dynamics Institute; Bettye Case, Mathematics; Pamela Coats, Finance; Mark Edenfield, Public Safety; Constance Eudy, The Graduate School; JoAnne Graf, Sport Management; Zelda Gurka, College of Engineering; Ricky Harris, Oglesby Union Administration; Gary Heald, College of Communication; Willis James, Grounds; Gloria Johnson, Center for Academic and Professional Development; James Kinney, Controller; Frank Kowalsky, College of Music; Linda Mahler, Undergraduate Studies; Patricia Maybin, Chemistry and Biochemistry; Warren Nichols, Mathematics; Trevor Phillips, Office of Inspector General Services; Patricia Prince, University Health Services; Rebecca Pruett, Center for Prevention and Early Intervention Policy; John Quine, Mathematics; Pamela Rocco, Psychology; Patricia Romig, Center for Academic and Professional Development; Kenneth Roux, Biological Science; Linda Searight, Developmental Research School Administration; Faye Singletary, Student Government; Katherine Stone, Biological Science; Thomas Trafford, Developmental Research School Administration; Carol Warren, Medical Library; David Waters, Residence Halls; and Stanley Willis, Learning Systems Institute.

CLASS: “Your Retirement Plan at Work” (PDRPWI-0004)
Wednesday, Oct. 2, 9-10 a.m.
With essential living expenses like housing, food, fuel and insurance premiums rising, some employees may be tempted to put off saving for retirement. This class is intended for employees not yet enrolled in their workplace retirement plans, especially those in their 20s and 30s. This seminar will help show:
• The reasons why it’s important to start saving for retirement.
• The benefits of participating in a workplace retirement plan.
• The features of the most common retirement plans offered by employers.

CLASS: “Social Security and Your Retirement” (PDSSYR-0001)
Thursday, Oct. 17, 9-10 a.m.
A secure, comfortable retirement is every worker’s dream. Achieving this dream requires careful financial planning.
to anticipate income and needs in retirement. As part of a comprehensive financial plan, Social Security is an important element in retirement security. If employees are concerned about when to take Social Security benefits, how to maximize those benefits, or simply where Social Security fits in their overall retirement income plans, the “Social Security and Your Retirement” educational seminar will help show:

- How Social Security will impact retirement income.
- The options for collecting Social Security benefits.
- The importance of creating a financial plan to bridge a potential income gap.

>>SPECIALIZED FACULTY RECLASSIFICATION
INFORMATION SESSIONS: As many employees are aware, the Florida State University Board of Trustees and the United Faculty of Florida Faculty Unit negotiation teams agreed last year to provide for a process to reclassify Non-Tenure-Track Faculty (NTTF) members into newly created Specialized Faculty classifications. The agreement is the result of substantial work, time and effort on the part of all involved. Some of the goals of the project are to provide stronger and more meaningful classification specifications for these faculty members; provide for a meaningful promotion process; provide for additional job security to higher ranked faculty members; and create a classification system that provides a better opportunity to track and compare internal and external data based on the specific classification characteristics.

The new classification system will be implemented at the end of the fall 2013 semester. With the significant changes made to the classification system for NTTF-members, Human Resources has scheduled several information sessions that are open to all interested parties. These sessions are designed to assist directors, department chairs, faculty members and department representatives with determining the appropriate new job classifications for NTTF-members.

The topics discussed during the information sessions are: new specialized faculty classifications; assignments of responsibilities; honorific professor designations; promotion process; multiyear appointments; placement process; and grandfathering provisions.

Faculty members should sign up for the preferred information session as soon as possible because each session so far has reached capacity. Faculty members can register for the sessions online at www.omni.fsu.edu. Once logged in to OMNI, follow this progression of links: “Human Resources,” “Self Service,” “Learning & Development,” and “Request Training Enrollment.”

The information sessions will take place:

- Monday, Oct. 14, 9 to 11 a.m., Training Center at Stadium Place;
- Wednesday, Oct. 16, 2 to 4 p.m., 6244A University Center;
- Monday, Oct. 21, 9 to 11 a.m., Training Center at Stadium Place;
- Monday, Oct. 28, 2 to 4 p.m., Training Center at Stadium Place;
- Monday, Nov. 4, 9 to 11 a.m., Training Center at Stadium Place.

As an alternative, Human Resources has recorded the initial information session so that those who are unable to attend a scheduled information session will not miss out on this opportunity. Employees will find both the recorded information session and the Specialized Faculty (NTTF) Reclassification Project agreement in the “News and Events” section at www.hr.fsu.edu.

RECOGNITIONS

Scotty Barnhart (Music) has been appointed director of The Count Basic Orchestra, the now-legendary orchestra founded in 1935 by pianist William James Basie (1904-1984). Barnhart follows Thad Jones, Frank Foster, Grover Mitchell, Bill Hughes and Dennis Mackrel in leading the orchestra.

The University Counseling Center, directed by Nikki Pritchett, Ph.D., has been awarded full reaccreditation by the International Association of Counseling Services Inc. (IACS), after undergoing an extensive self study, peer review and site visit. IACS Accreditation signifies that the University Counseling Center meets the highest established standards in the field.

The University Police Department placed in the top three among participating universities in the 2012 Law Enforcement Challenge based on its efforts in developing a comprehensive traffic safety program. The department was recognized for making a significant and positive impact in the community by reducing traffic-related crashes, injuries and fatalities.

BYLINES


Choogon Lee, Ph.D. (Biomedical Sciences, Neuroscience Program), co-wrote a paper, “miRNAs are Required for Generating a
Time Delay Critical for the Circadian Oscillator,” with Rongmin Chen and Matthew D’Alessandro (Biomedical Sciences, Neurosciences Program), published in Current Biology, Vol. 23, No. 20, 2013.

Patrick Merle, Ph.D. (Communication), co-wrote an article, “The French Parliamentary and Presidential Elections of 2012,” with Dennis Patterson of Texas Tech University, published in the journal Electoral Studies. The piece presents the elections that placed the Socialist party in power for the first time since Mitterrand in 1988.

PRESENTATIONS

Jori Collette, Ed.S. (University Counseling Center), presented “Creating Bridges to Students in Distress” at the Association for University and College Counseling Center Outreach Conference, June.

Shannon Hall-Mills, Ph.D. (Communication Science and Disorders), made two oral presentations to a cadre of global participants attending a pre-materials development workshop of the Reading for Ethiopia’s Achievement Developed Technical Assistance (READ-TA) project, Addis Ababa, Ethiopia, August. The first was about the role of Writing as a Component of Literacy instruction. The second — in conjunction with Marion Fesmire, Ed.D. (FSU Panama City), regarding Differentiated Instruction for the classroom — was to support activities underway to develop a national literacy curriculum in Ethiopian schools. Hall-Mills made the trip as an affiliate of the FSU Center for International Studies in Educational Research and Development (CISERD). The READ-TA is sponsored by USAID. In addition, Hall-Mills was recently appointed to a new committee to tackle current issues in school-based speech-language pathology practices. Hall-Mills will serve a two-year term with the American Speech Language and Hearing Association’s (ASHA) Ad Hoc Committee on Schools Issues.

Suzanne Harrison, M.D. (Medicine), and Karen Oehme, J.D. (Social Work), made a presentation, “Healthcare Screening for Domestic Violence,” at the 18th International Conference on Violence, Abuse and Trauma, San Diego, Sept. 10. They reported on a study of victims/survivors conducted in conjunction with the National Hotline on Domestic Violence.

Roger Kaufman, Ph.D. (Educational Research, emeritus), made two invited presentations in September 2013 at the Tze-Chiang Foundation of Science and Technology (Taiwan)/Summit on Globalization of Human Capital (SGHC), and the Tiawan Civil Service Development Institute. In addition, Kaufman was interviewed about mega planning in Mexico City on CNN Expansion, 2012.

SERVICE

Nancy Everhart, Ph.D. (Library and Information Studies), has been elected to serve as the regional director of the International Association of School Librarianship representing the United States.

Josh Gross, Ph.D. (University Counseling Center), is serving as adviser to the Florida Psychological Association Graduate Students, the student arm of FPA. In addition, Gross presented a two-day training program on Group Psychotherapy at the College Counseling Center of Florida International University, Miami, July.

Randi Mackintosh, Psy.D. (University Counseling Center), is serving as the Florida Psychological Association Chapter Early Career Psychologist co-chair.
Scholarships to help Computer Science fill gaps in U.S. job market

The Department of Computer Science can now award more than $3.2 million to students studying computer science, computer criminology, computational biology, information security and computer and network system administration through scholarships.

Computer science faculty worked to secure federal grants from the U.S. Department of Education and the National Science Foundation. Scholarship money will be awarded to eligible bachelor’s, master’s and doctoral degree students, providing financial security while working toward careers needed for the U.S. to stay competitive in the world economy.

“The demand in the job market for employees with computer-related degrees is very good,” said Robert van Engelen, professor and chair of the Department of Computer Science. “The labor shortage shows that this field offers a great career opportunity.”

• The GAANN (Graduate Assistance in Areas of National Need) grant from the federal Department of Education and matched by Florida State, provides a total of more than $500,000 in funds thanks to principal and co-principal investigators and computer science professors Michael Mascagni and David Whalley. This award supports up to five doctoral students each year for three years, covering 15 scholarship years of funding.

• The NSF S-STEM (Scholarships in Science, Technology, Engineering and Mathematics) grant, provides $603,000 in scholarships to academically talented students with financial needs who are seeking a Bachelor of Science or Bachelor of Arts degree in computer science; a Bachelor of Science degree in computational biology; or a Bachelor of Science degree in computer criminology.

The award supports up to four years of scholarships for 15 to 16 students each year. Florida State received this award through the efforts of computer science professors Andy Wang, principal investigator, and co-principals Gary Tyson, van Engelen, Whalley and Zhenghao Zhang.

• The NSF CyberCorps Scholarship for Service grant provides more than $2.2 million to support a total of 30 scholarship years for students working toward a master’s in computer criminology or computer and network system administration. This scholarship complements the Scholarship for Service grant awarded in 2010 for $1,853,893, which runs until 2015.

These scholarships are also available to computer science seniors who commit to entering these advanced degree programs. The grant comes to Florida State thanks to the efforts of professors Mike Burmester, principal investigator, and co-principals Carter Hay of Florida State’s College of Criminology and Criminal Justice, Xiuwen Liu and Whalley.

“We are providing students with the opportunity to strengthen the security of the United States,” van Engelen said.

These students typically have jobs waiting for them after graduation, at the National Security Agency or other similar security organizations.