OLW Offers Virtual Research, Labs

By Angeline Wang

This is the fourth interview in a seven-part series introducing incoming students to some of MIT’s faculty, staff, and student leaders. Today, The Tech interviews Susanna “Zun” Zaidan, a professor in the Biological Engineering Department, about her group’s new research initiative, OpenLabWare.

During his freshman year, George S. Zaidan ’08 ran into a problem while teaching a small research-related class. He had trouble with these sorts of problems: “These were very smart kids,” Zaidan said, “But they had trouble with these sorts of problems.”

Inspired by his experience with this group of students and by the OpenCourseWare model, Zaidan came up with the idea of a Web-based project that could teach people how research works before they get to college. He called it OpenLabWare.

With the help of his academic advisor, professor John M. Enssignment PhD ’76 of the Biological Engineering Department, Zaidan set out to find support and funding for his idea. Two years and approximately $30,000 later, OpenLabWare is live. The site http://ocw.mit.edu will host “modules,” or case studies of real research, that describe and analyze the entire experimental process and each step that leads up to the publication of students’ academic performance reported in 2006 at MIT were stress, minor ailments such as colds, flu, and sore throats, and sleep difficulties, which was typical of those reported at colleges across the nation in the National College Health Assessment. In more severe cases, 23–25 undergraduates leave MIT each year for medical reasons, and the vast majority of those are for mental health reasons. In this interview, Barry talks about how students can take better care of themselves and make the most of their time at MIT, and what MIT can do to help.

The Tech interviews Susanna “Zun” Barry, a health educator specializing in emotional health at the Center for Health Promotion and Awareness at MIT Medical.

According to Kristine A. Girard, the associate chief of mental health at MIT Medical, the top health impediments to students’ academic performance reported in 2006 at MIT were stress, minor ailments such as colds, flu, and sore throats, and sleep difficulties, which was typical of those reported at colleges across the nation in the National College Health Assessment.

By Rosa Cao

Many college students have difficulty getting enough sleep, and with good reason: Sleep is vital to mental health. I focus on emotional health specifically. Our health educators help students not just survive at MIT but thrive at MIT, [help them] feel better than just getting by. We want them to feel like they’re able to concentrate and focus, and do everything they want to do and have to do, and still feel healthy and take care of themselves.

Under that umbrella of emotional health [are] worries about food and body image for people with eating disorders, and with getting better sleep. Even if they can’t always get the quantity of sleep they need, I help them at least get quality sleep. Sleep is vitally important to mental health. I teach yoga and relaxation and meditation. There’s good scientific evidence that those things are helpful to enhance the brain in the long term and also in the short term, that help people feel more calm more focused and also more productive.

What do you actually do in the health educator role at MIT?

Susanna Barry: My position is the health educator for stress management and resiliency. I focus on emotional health specifically. Our health educators help students not just survive at MIT but thrive at MIT, [help them] feel better than just getting by. We want them to feel like they’re able to concentrate and focus, and do everything they want to do and have to do, and still feel healthy and take care of themselves.

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What do you actually do in the health educator role at MIT?
Marine Corps Tries Again For Murder Conviction in Haditha

By Paul Von Zielbauer

WASHINGTON

Last December, when the Marine Corps charged four infantrymen with killing 24 Iraqis in 2005, the allegation was as dark as it was devastating. After a roadside bomb killed their buddy, a group of anguished Marines rampaged through several nearby homes, killing 24 more helpless people.

In Iraq and in the United States, the killings were viewed as cold-blooded vengeance. After an inquiry, the events at Haditha were brushed aside, but once the details were disclosed, the killings became an ugly symbol of a difficult, demoralizing war. After a new, fuller investigation, the Marines promised to punish anyone found guilty of wrongdoing.

But now, after months of courtroom examinations of the evidence, the prosecutions have faltered. Since May, charges against two infantrymen and one Marine officer have been dismissed, and dismissal has been recommended for murder charges against a third infantryman.

In those cases, prosecutors were not able to prove even that the killings were a crime under the U.S. military code of justice.

More Lures to Entice Health Care Loans

By Milton Freedman

WASHINGTON

Zero-interest financing, a familiar sales incentive at car dealerships and furniture stores, has found its way to another big-ticket consumer market: doctors’ and dentists’ offices.

For $3,500 laser eye surgery, $6,000 ceramic tooth implants or other procedures not typically covered by insurance, millions of consumers have arranged financing through more than 100,000 doctors and dentists who offer a year or more of interest-free monthly payments.

On the medical professional side, there is nothing new for many people. And this type of financing is still only a fraction of the nation’s $900 billion market for consumer revolving credit.

Craig seemed to signal a collective desire that he go away, rather than offer Democrats another example of behavior lapses by Republicans.

Senator Accused of Solicitation

Forced From Admin. Positions

By David G. Stout

WASHINGTON

The political career of Sen. Larry Craig of Idaho appeared to be collapsing Wednesday as fellow Republicans called for his resignation and party leaders ousted him from his committee leadership posts amid the fallout over his arrest in a men’s room and his guilty plea in the case.

A statement by the Senate Republican leadership said Craig had “agreed to comply” with a request to step down as the top Republican on the Veterans Affairs Committee, the Appropriations Committee’s subcommittee on interior and the Energy and Natural Resources Committee’s subcommittee on public lands and forests.

This is not a decision we take lightly, but we believe this is in the best interest of the Senate until this situation is resolved by the Ethics Committee,” the statement said. It was issued by Sens. Mitch McConnell of Kentucky, the party leader, Trent Lott of Mississippi, the whip, Jon Kyl of Arizona, the conference chairman, and other prominent Republicans.

Craig will retain membership on those committees, but will have no more power than a freshman senator, even though he is nearing the end of his third term and was himself in the party leadership not so long ago.


Craig had just told Washington that if you are in control of JAM, you have masked men working with us. It is our desire that he go away, rather than offer Democrats another example of behavior lapses by Republicans.

A White House spokesman, Scott Peterson, when asked about President Bush’s view of the Craig affair, replied: “We are disappointed in the lack of party support for Senator Craig.”

The lack of party support for Craig seemed to signal a collective desire that he go away, rather than offer Democrats another example of behavior lapses by Republicans.

Weather

By Roberto Randanelli

Situation for Noon Eastern Daylight Time, Thursday, August 30, 2007

Iraqi Shiite Cleric Announces Ceasefire

By Stephen Farrell

WASHINGTON

The radical Shiite cleric Muqtada al-Sadr ordered his militia to suspend activities for six months in a move Wednesday that issued a day after dozens were killed during skirmishes between his fighters and a rival Shiite group during a religious festival in Karbala.

Up to 50 people were killed and 279 were wounded, the local health authorities reported Wednesday. When men with machine guns and rocket-propelled grenades fought street battles amid crowds of pilgrims on Tuesday.

Al-Sadr’s statement was issued from his office in Najaf, and read by an aide. Besides instructing his men to suspend their activities for six months, it also ordered a formal period of mourning over the events in Karbala and urged the government to investigate.

Witnesses said Tuesday that members of the Mahdi Army, the militia of al-Sadr, fired into the crowd, using as a screen the bodies of civilians over the bodies of civilians who were killed during firefights between his men and JAM fighters.

"If there will be any provocative actions by them, we will consider this later," he said. "People should not understand that we are retreating to peaceful resistance. This is not our strategy. We followed in the past and it didn’t work. Our participation in the political process does not mean ending the resistance to the occupier, but we will stop for six months.”

The government forces in Karbala and other towns in southern Iraq are dominated by the Supreme Islamic Council and its armed wing, the Badr Organization. Many Badr fighters are veterans trained by Iran and they lived there as exiles under Saddam Hussein’s rule.

But now, after months of courtroom examinations of the evidence, the prosecutions have faltered. Since May, charges against two infantrymen and one Marine officer have been dismissed, and dismissal has been recommended for murder charges against a third infantryman.

In those cases, prosecutors were not able to prove even that the killings were a crime under the U.S. military code of justice.

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Musharraf to Resign as Army Chief, Plans For Re-election Bid

By Carlotte Gatt and Salaman Massoud

WASHINGTON

The ousted former prime minister benazir Bhutto said Wednesday that Pakistan's president, Gen. pervez Musharraf, had agreed to resign as army chief as part of a nearly completed deal that would allow him to serve another term as president after he is re-elected and allow her to return to Pakistan to run for prime minister.

"Our understanding is that he will be able to return as a civilian," Ms. Bhutto said in a telephone interview from Hawaii after being briefed on negotiations with the government's emissaries. "But a second central question is whether he will run for the presidency," she said.

The agreement remained a "cliffhanger," she said, but still there are a couple of issues to be hashed out.

There was no immediate confirmation from Musharraf, who has suffered a series of blows in recent weeks to his political power, but has retained both his military and political leadership. But his minister of railways, Sheik Rashid Ahmed, said at a news conference covered by Re-


The New York Times

By Jeremy W. Peters

Losses, Buoyed by High Energy Prices

Market Nearly Recovers From Record Losses, Buoyed by High Energy Prices

By Jeremy W. Peters

The stock market recovered almost all of the losses from Tuesday's sharp sell-off as investors went bargain-hunting for stocks that were temporarily the equivalent of a late summer sale.

The morning after the market's worst performance in three weeks, the dow Jones industrial average started the trading day moving higher, rising to nearly 100 points above its lowest point, which occurred just 144 points, or 1.9 percent. Broader indexes fared even better. The Standard & Poor's 500-stock index was up 18 of the 1,500 stocks in the S&P index, and S&P 500 stocks declined.

Trading was a near mirror image of Tuesday. By 10 a.m. the Dow average and 18 of the 1,500 stocks in the S&P index dropped. On Thursday, 487 S&P 500 stocks declined.

Market strategists said the sur-


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The next deadline for grant applications is Friday, September 28

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In 2003, People for the Ethical Treatment of Animals likened the slaughter of animals to the Holocaust. While this remark was particularly egregious, it was consistent with PETA's longstanding insistence. Fifteen years earlier, the organization's executive director stated, "Even if animal research resulted in a cure for AIDS, we'd be against it." While PETA remains, and is properly regarded as, a fringe group, comparing animals' suffering to that of human suffering. Unfortunately, the controversy over Michael Vick's participation in dog fighting is the latest testament to our society's moral inversion. Vick has been forbidden from playing football this season, and it is possible that he may never again be allowed to set foot on a field. His treatment stands in stark contrast to that which many of his contemporaries have received. Consider Kobe Bryant, who effectively concealed to raping Katrina Faber, a 19-year-old girl from Colorado. While he was being investigated, he said that he should have emulated Shaquille O'Neal, who has apparently paid "his women [$1,000,000] not to say anything" in "situation like this." Shakespeare was once the snafu about REX is fixed.

Michael McGraw-Herdge '08
Editor in Chief
Angeline Wang '09
Business Manager
Cheryl Chieh '09
Managing Editor
Austin Chu '08

Chairman
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Editor in Chief
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Business Manager
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Austin Chu '08

Letters To The Editor

A photo caption on page 11 of The Tech's Aug. 29, 2007 issue inaccurately stated that MIT hackers removed the Fleming House Cannon from the California Institute of Technology in April of 2006. It was actually removed in March.

Ruth Miller '07
Former Tech Opinion Editor
and Undergraduate Association Vice President

Correction:


too long the student complaint was aimed at RBA itself, which is unfortunate — many students might opt for the RBA program if it was flexible and suited to their housing preference, which is something many freshmen are not willing to do."

Opinion Policy

Editorials are the opinions of the Tech. They are written by the editorial board, which consists of Chairman Michael McGraw-Herdge, Editor in Chief Angeline Wang, Managing Editor Austin Chu, and Opinion Editor Aditya Kohli.

Dissents are the opinions of signed members of the editorial board choosing to publish their disagreement with the editorial.

Letters to the editor, columns, and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily of the Tech staff. Stance on issues is not an indication of the view of the Tech, nor will an event be repeated if it is deemed an error. All submissions are due by 4:30 p.m. two days before the date of publication. Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted.

The Tech reserves the right to edit or condense letters, shorter letters will be given higher priority. Once submitted, all letters become the property of The Tech and will not be returned. Letters, columns, and cartoons may also be posted on The Tech's Web site and/or printed in any other format or medium now known or later that becomes known. The Tech makes no commitment to publish all the letters received.

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Don’t Neglect the Necessities

A Guide to Finding the Basics

By Marie Y. Thibault

I don’t like grocery shopping, probably because of the richness of the frozen food section and because I don’t like lugging heavy bags. Or maybe it’s just because I’m lazy. Either way, you should not follow my example because it must be possible to enjoy shopping for basics like food, bedding, and toiletries. Here’s a list of places where you can go to try to achieve nirvana or at least find a good deal.

Shaw’s Supermarket
20 Sidney St., Cambridge
or 33 Huntington Ave., Boston

You already know what Shaw’s looks like inside — it’s just like any other grocery store in America. Become a Shaw’s Club Member for free and score a bright orange card that will make you eligible for discounts on different items each week. Buy in moderation, because the store is close enough to go often, but is too far to drag a month’s worth of food.

Trader Joe’s
727 Memorial Dr., Cambridge
or 859 Boylston St., Boston

If you hail from the middle of nowhere like I do, this may be the first you’ve heard of Trader Joe’s. It’s a store that offers some organic food, but don’t be scared away by the idea that this must mean everything is expensive. Go here for cheap produce and snacks, an almost bewildering variety of tea, and the chance to grind your own gourmet coffee beans.

Bonus: if you go to the Boylston St. location, you can catch a ride back to campus on the Wave, the shuttle that runs between Kendall Square and the CambridgeSide Galleria.

Whole Foods Market
137 Prospect St., Cambridge
or 340 River St., Cambridge

Okay, this is the place where you’ll find expensive organic stuff. Prices are higher than what the typical college student is usually willing to pay, but if you must have organic, Whole Foods has a very wide selection. The budget-minded will find that 365 Everyday Value, a store brand of shampoos and soaps, is cheaper than most anything available at drug stores.

CVS
Several locations in Boston area

You’ll find the familiar at both of these stores: your favorite shampoo, body wash, or styling product. If you’re the type that only goes to Sephora to see how many different cheek stains you can try on at once, you’ll be happy wandering an aisle full of affordable cosmetics at this drug store.

Sears
100 CambridgeSide Place, Cambridge
(CambridgeSide Galleria)

It’s easy to find matching sheets and towels at Sears. Getting home under the weight of a huge comforter is fairly easy, too — just catch The Wave, the shuttle that runs between Kendall Square and the CambridgeSide Galleria.

Target
140 Somerville Ave., Somerville

If you’re already homesick, decorate your room to make it more familiar. Target is a cheap stop for rugs, lamps, and picture frames, but you’ll have to find a car to get there.

Finding Fun

A Guide to Living It Up in Boston

By Marie Y. Thibault

Most of us are now delineable by our Facebook profiles. We’ve named our hometowns, our majors, and our favorite music in neat lists. The moment our tastes change, we rush to update our profiles, lest someone mistakenly believe we still like The Get Up Kids, even though we’ve now declared allegiance to The YeahYeah Yeahs.

Since this guide attempts to point you toward fun spots around Boston, you can just refer to the “Interests” category of your profile to find suitable activities. You “twist the days away”? There’s a salsa club out there for you. You like “curling up with a good book”? You’re covered. “Chatting up pretty women”? Creep. Find your own fun.

“Reading everything”

If all you need is a good book, go get happy at the Boston Public Library (700 Boylston St., Boston). But what if you can’t find what you’re looking for there or at the MIT Libraries? Make use of the Boston Library Consortium (http://www.blc.org) and get access to books from 19 libraries in the New England area.

You like to keep your reading material, you say? Go to Rodney’s Bookstore (698 Massachusetts Ave., Cambridge, my personal favorite, to find classics and titles you’ve never heard of at great prices.

“Tearing up the dance floor”

Make your way to the clubs along Landsdowne St. in Boston if you’re itching to dance on a Saturday night. You can find house music, Top 40, techno, whatever you want in this city.

If you’re eager to learn a new skill or to perfect your technique, try salsa lessons at Havana Club (238 Green St., Cambridge), where members of the MIT Casino Rueda Group will teach you the steps and make you look and feel good doing it.

“Artifact freak”

Those with a love of art and history should soak up Boston’s museum scene. Though there are several in which to spend hours, absolutes include the Museum of Fine Arts (455 Huntington Ave., Boston), the Isabella Stewart Gardner Museum (280 The Fenway, Boston), known for its garden, and the Fogg Museum (12 Quincy St., Cambridge) at Harvard.

“Laughing”

Funny things happen everyday, but if you want to ensure you’ve got reason to laugh, visit Boston’s Theater District to see the Blue Man Group (Charles Playhouse; 74 Warren St., Boston) or Shear Madness (also Charles Playhouse), where you can help determine the show’s ending. There are several comedy clubs around the city as well.

“Avid sports fan”

You’ve come to the right town unless you’re a Yankees fan, of course, because you can stay entertained all year round by watching the Red Sox, Celtics, and Bruins play. If college sports are more your thing, college teams (including M.I.T.) abound. Wear out your shoes along the Charles River, where you can pick from several running trails of varying lengths.

Campus Life
Tech Staff Photographers Share Their Summer Photos (Part 2)
Today, we continue our look at some of the places MIT students visited and lived this past summer.

(clockwise from top left)

Yosemite, Calif.—Staff Photographer Ray C. He bask in triumph atop the 8,000-foot high Half-Dome at Yosemite National Park in California. A popular destination for hikers, the Half-Dome can be reached via an 8-mile hike through the national park and a 400-foot climb on cables.

Paris, France—Paris’ Deportation Memorial is a tribute to French victims of Nazi concentration camps in World War II. The memorial contains 200,000 illuminated crystals symbolize those who died in the camps.

Yellowstone, Wyo.—The Yellowstone River flows past Artist Point at Yellowstone National Park.

Delhi, India—A child plays in a wheelbarrow in a slum just outside of Delhi. MIT students sponsored by the Public Service Center traveled to Delhi to survey humanitarian efforts by the Deepalaya Non-Governmental Organization in the area.

Tobermory, Ontario, Canada—The sun sets over the shore of Lake Huron after a warm summer day.

Cawker City, Kan.—The World’s Largest Ball of Twine rests beneath a pavilion in downtown Cawker City. The ball of sisal twine, which residents say is the world’s largest, is at least 40 feet in circumference.

Paris, France—The peloton (main group of riders) approaches the Champs-Élysées in the last leg of the Tour de France.

(Near) Napa Valley, Calif.—Thousands of gallons of Cabernet Sauvignon age in oak barrels in the cellars of Robert Mondavi Winery in Napa Valley, Calif.
OLW to Give Lab-like Experience

OpenLabWare, from Page 1

of specific manuscripts.

"The idea is to get inside the re-
searchers' heads to find out what those manuscripts say so as to teach
successful scientists and engineers," Zaidan said.

Additionally, OLW users will be able to "see the personal side of re-
searchers," Zaidan said. "They can view interviews with the authors of
their favorite papers and can learn about the professor and the graduate students involved.

Currently, the OLW site has one module, which is based on one of
Essigmann's published papers.

"The site was never going to be just one module -- we had a vision of
two to four modules that would be developed and should be available shortly. These two modules
were written by Prof. Lang of Biological Engineering and Professor Barbara Imperiali of Chemistry. Additionally, other four modules are in production. Zaidan said. These six modules will be online by next May or June.

After the first six are complete, "we are hoping to be a production house, cranking out five modules per semester," Zaidan said, who is a fairly rare from the 400-500 courses added each semester at MIT since its 2005 opening, but that feels it is sufficient for OLW. "Each module can be updated as needed," Zaidan said. "We feel a relatively small group can capture what re-
search is all about.

Modules are created by student

College Olive Alumni Field Board Changes

Dartmouth, from Page 1

disfranchise them. If they go ahead and take this drastic step and disenfranchise alumni, I don't know if Dartmouth will ever be the same." "The move would be a travesty," Haldeman said.

"I’m afraid that the governance
committee, said that any campaign shows that the board's at-
cance, and weaker institution than it is from now, be a different, less distinc-
tive of Putnam Investments in Bos-
man and president and chief execu-
tion, resigned from his posts due to
his tenure case through an exter-
d to fast track any MIT is considering
imposing any change in the estab-
lished governance structure, because he also said the study was prompted in part by the nature of the past few campaigns, which had the alums un-
settled, "I was most disturbed by the board, and eight trust-

ees nominated by alumni.

The alumni board has usually been nominated by the alumni coun-
cil, and Smith and three other alumni trustees stated that this
allows candidates to run if they each gather 100 signatures from
alumni. Smith said he spent about $75,000 on his campaign. Since 1991, half of the board seats have been filled by alumni trustees nominated by alumni.

Three alumni trustees were elected by petition in 2005, and he said that other duties that Dartmouth wants to see include improving its atmosphere for diversity, according to Loyd, Chair of BAMIT and its hostility toward African Americans, the lack of support for African Americans at MIT, and a stagnant ratio of African American students (the percentage has remained roughly steady in the mid '70s, according to Cole). "On the whole, our goal is to improve to meet the needs of the president and the pub-
lisher in order to make it available

postory for most Athena packages, notably including Kerberos, which is the protocol for authentication, this will let you log into essentially all Linux-Athena locker software on your own computer (and even servers to accept Athena credentials, and your Athena account if you so desire. Take a look at http://beta.dialup.mit.edu for more details. (And if you need an "Athena CD", you can get it for free online in W202.)

For those of you running Red Hat Enterprise Linux (which is currently available through a very small test group, IPORT project and for official support running for Athena applications, http://web.
it.mit.edu/profile/linux/ contains more information about special drivers for your Red Hat RHEL with Athena.

Does OLW provide Mathlab, Mathematica, etc for student

If you are a student, you can obtain a free copy of Mathlab for Windows, Macintosh, or Linux computer from the site athana.dialup.mit.edu. (Note that if you’re using Linux, you can use one of the steps described in the previous question to run Mathlab out of its locker directly.)

The license agreement that MIT has with Mathworks re-

icates discounted textbooks for MIT students.

"Dartmouth has resisted that trend gradually moving away from its his-
tory of recruiting and outreach efforts, and others worry that Dartmouth is

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THE TECH

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Employment Opportunities:

MCMXVI

ACROSS
1 Rotate rapidly
5 Lady's address
10 Runner Zatopek
14 Fey of "Mean Girls" d'_ ID
16 Tribal legend
17 Oil gulf
18 Prim and proper
19 "Lonely Boy" singer
20 Cop's uncertainties?
23 Locations
24 Streamlined swimmer
25 Actor Bannen
28 Rocky crag
31 Debate
33 Church area
37 Philanthropist's uncertainties?
41 Nullify
42 Western event
43 Pound of Frost
44 Judge's uncertainty?
46 Goes astray
47 Courtroom employee
48 Big D pro
50 Black gold
51 Gershwin and Levin
55 Musician
60 Congressman man's uncertainties?
64 List of options
66 Legendary king of Phrygia
67 Med. school course
68 Hymn ending
69 Old saying
70 Pitchfork part
71 Fuel-line element
72 Mexican money
73 Hot shots
74 Hornet homes
75 Katz of "Hocus Pocus"
76 Small vessel
77 E.U. member
78 Roz "...Long Stocking"
79 Mother of Pearl
80 Swi's sitcom
81 "...Der (Adenauer)"
82 Campus hunches
83 Ozu flavoring
84 Radio, TV, etc.
85 Dash
86 Title conferred by a pope
87 Sisypean
88 Poetic meadow
89 Superstitious suffix
90 Norwegian king
91 Boring tool
92 Hornet homes
93 H.S. math class
94 Hebrew island
95 Coconut fiber
96 Large vessel
97 Do another land survey
98 Word to the audience
99 Give another name to the range
100 Vine water
101 Nonsensical
102 Old Norse inscription
103 Lake in Spain
104 Manipulates
105...jongg

DOWN
1 Greek porticoes
2 "...Long Stocking"
3 Clumsy
4 Mother of pearl
5 Swi's sitcom
6 "...Der (Adenauer)"
7 Campus hunches
8 Ozu flavoring
9 Radio, TV, etc.
10 Dash
11 Title conferred by a pope
12 Sisypean
13 Poetic meadow
21 Superstitious suffix
22 Norwegian king
26 Boring tool
27 Hornet homes
29 Katz of "Hocus Pocus"
30 Spanish rivers
32 Ready for picking
33 Dispatch boat
34 Director Carlo
35 Observers' position
36 Early garden
38 Star Wars letters
39 H.S. math class
40 Hebrew island
45 Coconut fiber
49 Large vessel
52 Do another land survey
53 Word to the audience
54 Soft drinks
56 Rope on the range
57 Vine water
58 Nonsensical
59 ...Park, CO
61 Old Norse inscription
62 Lake in Spain
63 Manipulates
64...jongg
65 Comic Philips

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

Solution, tips, and computer program at http://www.sudokucup.com; see also solution, page 8.

Splish Splash: East Campus Takes a Ride on the Wild Side

East Campus residents and freshmen built a log flume ride for EC Rush this year. The ride, named "2 Chicks at the Same Time (The Ride)," featured a net 17-foot vertical drop.

(Clockwise from top left): A resident holds on tight as he rides down the initial ramp. Raphael R. Peterson ‘10, one of the ride’s primary builders, takes the inaugural trip down "2 Chicks at the Same Time." The cart splashes into the deceleration pool. The water from the cart’s impact was typically propelled farther than 30 feet past the end. A rider looks down the track, awaiting the start of the cart’s descent. Romain A. Teil ‘11 (left) and Sean C. Morton ‘08 (right) bask in the water sprayed by the cart. Sarah C. Hopp ’08 grins as the cart impacts the water.

Photography by Omari Stephens