

INSIDE

Page 7

Lunch money
UFB ups funding for food, service and conferences

Page 8

City planning
Mayor proposes plan for boosting city's economy

Page 9

Strong strokes
Crew team opens season with back-to-back victories



TODAY TOMORROW
43 / 28 43 / 28

Is Brown's model of intro science education effective?

This four-part series examines the University's approach to introducing students to science fields and how that approach may be re-envisioned

By KATE NUSSENBAUM
SCIENCE & RESEARCH EDITOR

Fifty-eight percent of students admitted to the University's class of 2017 indicated on their applications that they intend to concentrate in the physical or life sciences, with engineering, biology and computer science topping the list of intended concentrations. The Herald reported Monday. Hundreds of those admits will likely enroll in several of the University's introductory science courses — which Dean of the College Katherine Bergeron described as “an area of concern for many people, both here at Brown and nationally.” Student interest in science has

been gradually increasing: 55 percent of students admitted to the classes of 2016 and 2015 indicated they intended to study physical and life sciences, up from 53 percent in the admitted class of 2014. These increases coincide with the University's ongoing efforts to boost its science profile, which have included establishing the School of Engineering in 2010, moving the Alpert Medical School to a new building in 2011 and launching a \$50 million initiative in 2012 to grow the Brown Institute for Brain Science.

University administrators, professors and students identified introductory science courses as a key area to examine and potentially alter.

This four-part series will explore the diversity of students who choose to enroll in introductory courses for science, technology // Intro page 3



EMILY GILBERT / HERALD

In recent years, the U. has tried to increase its scientific reputation through initiatives like the creation of the School of Engineering. Herald file photo.

Same-sex marriage ruling could affect R.I. State law reduces marijuana penalties



Despite current state-wide discussion of same-sex marriage, the Supreme Court's decision may nullify state authority to legalize it.

The Supreme Court could overturn R.I.'s civil unions and determine if states can legalize marriage

By ADAM TOOBIN
CITY & STATE EDITOR

As the national dialogue regarding same-sex marriage engulfs Rhode Island politics — including a marathon 12-hour hearing in the Senate Judiciary Committee two weeks ago — the Supreme Court heard a case last week that could render irrelevant the entire debate. For the first time in U.S. history, the Supreme Court is preparing to issue a decision about whether a state ban on same-sex marriage violates the Constitution.

The case dealt with whether Propo-

sition 8, a voter referendum passed in California that reversed state judicial action allowing same-sex marriage, is unconstitutional. Legal experts may differ on the various ways the Supreme Court could rule, but they agree that the case has the potential to be a watershed moment for gay rights across the nation as well as in Rhode Island.

Rhode Island currently permits same-sex civil unions but not marriages. Civil unions provide the same rights and privileges to gay couples as marriages provide heterosexual couples under Rhode Island law.

Courtney Cahill, professor of law at Florida State University College of Law, wrote in an email to The Herald that the Supreme Court has five major options to consider when ruling on the case — two that directly affect Rhode Island. The Court could overturn Proposition 8 on the grounds that

The state will use money raised through fines to fund drug treatment and education programs

By MARIYA BASHKATOVA
SENIOR STAFF WRITER

A law decriminalizing marijuana in Rhode Island went into effect yesterday. Under the new law, individuals caught in possession of less than one ounce of marijuana will face a civil fine of \$150 instead of the criminal charges possible under previous laws.

If an individual is caught with the drug three times within 18 months, the original penalty of \$500 and up to a year in prison still applies.

Fifty percent of revenue collected from the fines will help fund drug treatment and education programs.

The Senate and House sponsors of the decriminalization bill in the General Assembly and spokespeople from Protect Families First, a nonprofit dedicated to progressive social policy, held a press conference yesterday to discuss the law's positive implications.

The law will benefit young people because it will “prevent a youthful indiscretion from ruining a person's life,” said Rep. John Edwards, D-Tiverton and Portsmouth, the House bill's primary sponsor, in a press release.

Previously, criminal charges for possession could prevent people from finding jobs or volunteering in their children's schools // Law page 2

Alum calls Brown experiences key to business success

Bryan Davis '94 created a virtual lost-and-found system to end the search for misplaced items

By ISOBEL HECK
STAFF WRITER

When Bryan Davis '94 presents the lost-and-found product Bungee to a crowd, he always starts with an all-too-familiar situation.

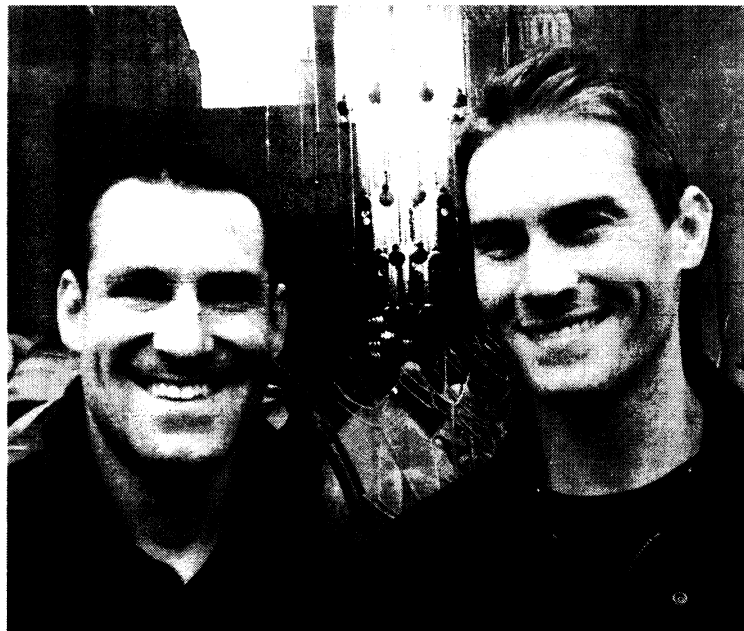
“(By) a show of hands, how many of you have lost a cell phone before?” Davis asks. “How many of you have lost a set of keys? How many have lost something over \$100 that was a pain to replace?”

Almost all crowd members raise

their hands.

Davis and his business partner A.J. Bontempo designed Bungee to help people recover lost belongings. The ticket to Bungee's system is the company's symbolic blue boomerang bearing a unique phone number Bungee assigns to each user, which the user attaches as a key chain, sticker or card to an item. Upon finding a lost item, an individual can text the phone number, notifying the owner and connecting the owner and the finder in an anonymous conversation. They can then agree to meet so the owner can recover his or her possession.

Davis and Bontempo first developed the idea in 2008 and released the product in 2010. Davis said a large part of the idea came from his own problem with losing things. At one point the company that // Davis page 2



COURTESY OF BRYAN DAVIS

Bryan Davis '94 and his business partner A.J. Bontempo began working on Bungee in 2008. The service now has a 90 percent accuracy rate.

CALENDAR

TODAY	APRIL 2	TOMORROW	APRIL 3
6 P.M.	Firstgen Gathering Third World Center	3 P.M.	Free Messages Faunce 229
6:30 P.M.	Creative Mind lecture Granoff Center	4 P.M.	Get Your Bearings: Life After Brown MacMillan 115

MENU

SHARPE REFECTORY

VERNEY-WOOLLEY

LUNCH

Bacon Ranch Chicken Sandwich,
Corn and Broccoli Casserole, Vegan
Burrito, Baked Potato Bar

Shaved Steak Sandwich, Vegan Tofu
Ravioli with Sauce, Nacho Bar, Lentil
Chili, Swiss Fudge Cookies

DINNER

Rotisserie Chicken, Vegan Stuffed
Acorn Squash, Chipped Sirloin with
Mushroom Sauce, Magic Bars

Tuscan Pork Roast, Vegan Minestrone
Soup, Au Gratin Potatoes, Moo Shu
Chicken, Portuguese Sweet Bread

SUDOKU

1					3
	3		8	6	2
	5	9			4
	7		3		9
			9	5	
	1		2		4
	9	2			7
	6		2	1	5
8					2

CROSSWORD

ACROSS

- 1 "SNL"-like show
filmed in Canada
- 5 "Doctor Who"
network
- 8 Rafter's shoot
them
- 14 Pre-Euro Italian
coin
- 15 Nest egg letters
- 16 With 3-Down,
way west for
many American
pioneers
- 17 ___-Iraq War: '80s
conflict
- 18 Crooner Perry's
ad?
- 20 Self-righteous sort
- 21 Manicurist's aid
- 22 Rage inwardly
- 23 Space pilot Han's
shirt?
- 25 Through
- 26 Classic racecars
- 27 Lighthouse light
- 30 Nouveau ___
- 33 U2 frontman's bit
of naughtiness?
- 36 Back in the day
- 37 Bedevil
- 39 PC monitor type
- 40 Cartoon
possum's
corporate
symbol?
- 42 Chilean range
- 44 Camera stand
- 45 Roman 1,051
- 46 Winery container
- 47 Japanese general
Hideki's
talisman?
- 53 Triumphant cries
- 55 Disconnect
- 56 Explosion sound,
in comics
- 57 Movie pooch's
picture?
- 59 Poetry unit
- 60 Church key, e.g.
- 61 ___ My Party
- 62 Early marcher
- 63 ___
- 64 ___
- 65 ___
- 66 ___
- 67 ___
- 68 ___
- 69 ___
- 70 ___
- 71 ___
- 72 ___
- 73 ___
- 74 ___
- 75 ___
- 76 ___
- 77 ___
- 78 ___
- 79 ___
- 80 ___
- 81 ___
- 82 ___
- 83 ___
- 84 ___
- 85 ___
- 86 ___
- 87 ___
- 88 ___
- 89 ___
- 90 ___
- 91 ___
- 92 ___
- 93 ___
- 94 ___
- 95 ___
- 96 ___
- 97 ___
- 98 ___
- 99 ___
- 100 ___

- 2 Prefix with
cumulus
- 3 See 16-Across
- 4 Self-portraitist
with a bandaged
ear
- 5 Bodybuilder's
"guns"
- 6 ___ Seltzer
- 7 Desert safari
beast
- 8 Pink-cheeked
Dada pioneer
Jean
- 10 ___ Gulf: Arabian
waterway
- 11 Reason given for
calling in sick
- 12 Rounded roof
- 13 Winter whiteness
- 19 Pizarro's gold
- 24 Broad-brimmed
hat
- 25 Chaste
priestesses of
ancient Rome
- 27 ___ "appetit!"
- 28 Fairy tale start
- 29 Dozes
- 30 Like one who
can't put a book
down
- 31 Composer
Stravinsky

- 32 Ponders
- 33 Male sib
- 34 "Egad!" in an IM
- 35 Opposite of
paleo-
- 38 Long in the tooth
- 41 Tommy Dorsey
hit tune
- 43 Less clumsy
- 45 Sullen
- 47 Internet slang
based on a
common typo
- 48 Egg-shaped
- 49 Harbor wall
- 50 Eight-time All-Star
Tony of the '60s-
'70s Minnesota
Twins
- 51 Sister of La Toya
- 52 Warning signs
- 53 Elemental
particle
- 54 Arizona native
- 55 Twinkle-toed
- 58 Rev.'s message

ANSWER TO PREVIOUS PUZZLE:

B	A	L	L	T	I	P	S	I	C	E	S
A	L	O	E	A	R	E	A	I	N	L	E
S	A	I	N	T	M	A	R	K	S	C	A
K	I	S	S	U	P	E	S	S	A	I	
A	R	S	O	N	A	R	G	U	E	I	Q
R	E	E	D	S	B	E	E	B	A	G	U
B	R	E	D	A	R	E	N	A	N	E	A
O	U	R	S	L	I	S	T	S	N	O	R
R	N	S	D	E	C	A	L	M	O	N	E
S	U	G	A	R	P	E	T	E			
C	A	T	T	Y	A	L	A	R	M	S	
A	N	K	L	E	A	P	R	I	L	F	O
D	R	E	A	D	R	E	A	L	A	L	S
J	A	R	S	D	A	M	S	R	E	S	T

xwordeditor@aol.com

04/02/13

1	2	3	4	5	6	7	8	9	10	11	12	13
14				15				16				
17				18				19				
20				21				22				
23				24				25				
26				27				28				
29				30				31				
32				33				34				
35				36				37				
38				39				40				
41				42				43				
44				45				46				
47				48				49				
50				51				52				
53				54				55				
56				57				58				
59				60				61				
62				63				64				
65				66				67				
68				69				70				
71				72				73				
74				75				76				
77				78				79				
80				81				82				
83				84				85				
86				87				88				
89				90				91				
92				93				94				
95				96				97				
98				99				100				



HERALD FILE PHOTO

The new legislation aims to reduce punitive measures for possession and instead focus on treatment and education.

// R.I. law page 1

years after the arrest, he added.

Evidence also shows that prevention and treatment — not criminal penalties — are more effective methods of addressing teen drug use and will save the state money in the long run, said Sen. Joshua Miller, D-Cranston, the Senate bill's primary sponsor, in the press release.

Spokespeople for Project Families First, including two Brown professors, advocated the legalization and regulation of marijuana at the press conference.

"There are a number of problems

related to marijuana that can only be addressed by making marijuana legal for adults and creating a responsible regulatory system," said Nickolas Zaller, associate professor of medicine at Alpert Medical School, at the press conference.

"Decriminalization is a sign that Rhode Island is beginning to take an evidence-based approach to marijuana policy," said David Lewis, professor emeritus of community health and founder of the Center for Alcohol and Addiction Studies, at the press conference. He added that teen tobacco use is down across the country due to regulation, despite the substance's addictive nature.

// Davis page 1

insured his cell phone "cut him off" from new phones because he had lost so many, he said.

Before starting Bungee, Davis owned a nightclub in New York three blocks away from a restaurant Bon-tempo owned. The two became friends and opened a nightclub and restaurant together. Every night, three or four valuable items were lost, and "the problem was constantly in my face," Davis said.

The two decided to leave the restaurant and nightclub industry to start their own business. After the product's initial launch in 2010, the founders released Bungee on bungeetags.com, which went live March 18, 2013.

'Mr. Spring Break'

Though the idea for Bungee came after Davis graduated from Brown, he first tried his hand at entrepreneurship as an undergraduate in Professor of Engineering Barrett Hazeltine's class ENGN 0090: "Management of Industrial and Nonprofit Organizations." A

psychology concentrator, Davis said he never really knew what he wanted to do, and while he found psychology interesting, he never intended for it to drive his career.

Davis said Hazeltine had the greatest influence on Davis' career in entrepreneurship. In the class, Davis had the opportunity to design and implement a business plan. He developed a spring break program out of a local travel agency on Thayer Street, through which he put together packages of plane tickets and hotels to sell to students going to Cancun, Mexico, Nassau, Bahamas and Negril, Jamaica. "I became like Mr. Spring Break," Davis said. He traveled to the three locations to arrange deals with hotels, and his business sold to students beyond Brown's campus.

"It was a cool first business experience at 20 or 21," Davis said. He estimated that about 75 percent of Brown students who went to these places for spring break bought their tickets from him. "I didn't make a ton of money," he said, "but I had a ton of fun."

Hazeltine has taught ENGN 0090 for around 25 // Davis page 5

WEEKEND CRIME UPDATE

The following is an account of crime events that took place this weekend, reported to The Herald by Deputy Chief of Police for the Department of Public Safety Paul Shanley:

Saturday night

A suspect entered a student's unlocked room in Goddard House around 8:30 p.m. and left with her iPhone. The student said she saw a suspicious looking man she believes to be the person responsible around the time of the theft. The iPhone contained a tracking application DPS is using to investigate the theft. Cell phone theft has been one of the most prevalent types of crime on campus this semester. Phones with the tracking feature are significantly more likely to be recovered.

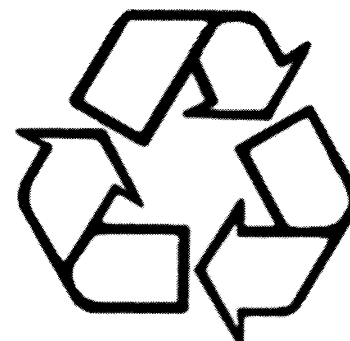
Sunday morning

A student returned to campus after spring break around 12 p.m. Sunday to find the door handle of his Olney House room broken and his Macbook Pro and iPad missing. The student locked his door before he left for break the morning of March 23. Dorm room break-ins — a common campus crime — primarily occur in unlocked rooms, and this incident marks the first time this year DPS has received report of forced entry of a dorm room. The incident remains under investigation, but the break-in could have occurred at any time during the week. There are currently no suspects.

— Caleb Miller

Follow us on
Twitter!

@the_herald

Read
Share

Recycle

THE BROWN DAILY HERALD
www.browndailyherald.com
195 Angell St., Providence, R.I.

Shefali Luthra, President
Lucy Feldman, Vice President

Samuel Plotner, Treasurer
Julia Kuwahara, Secretary

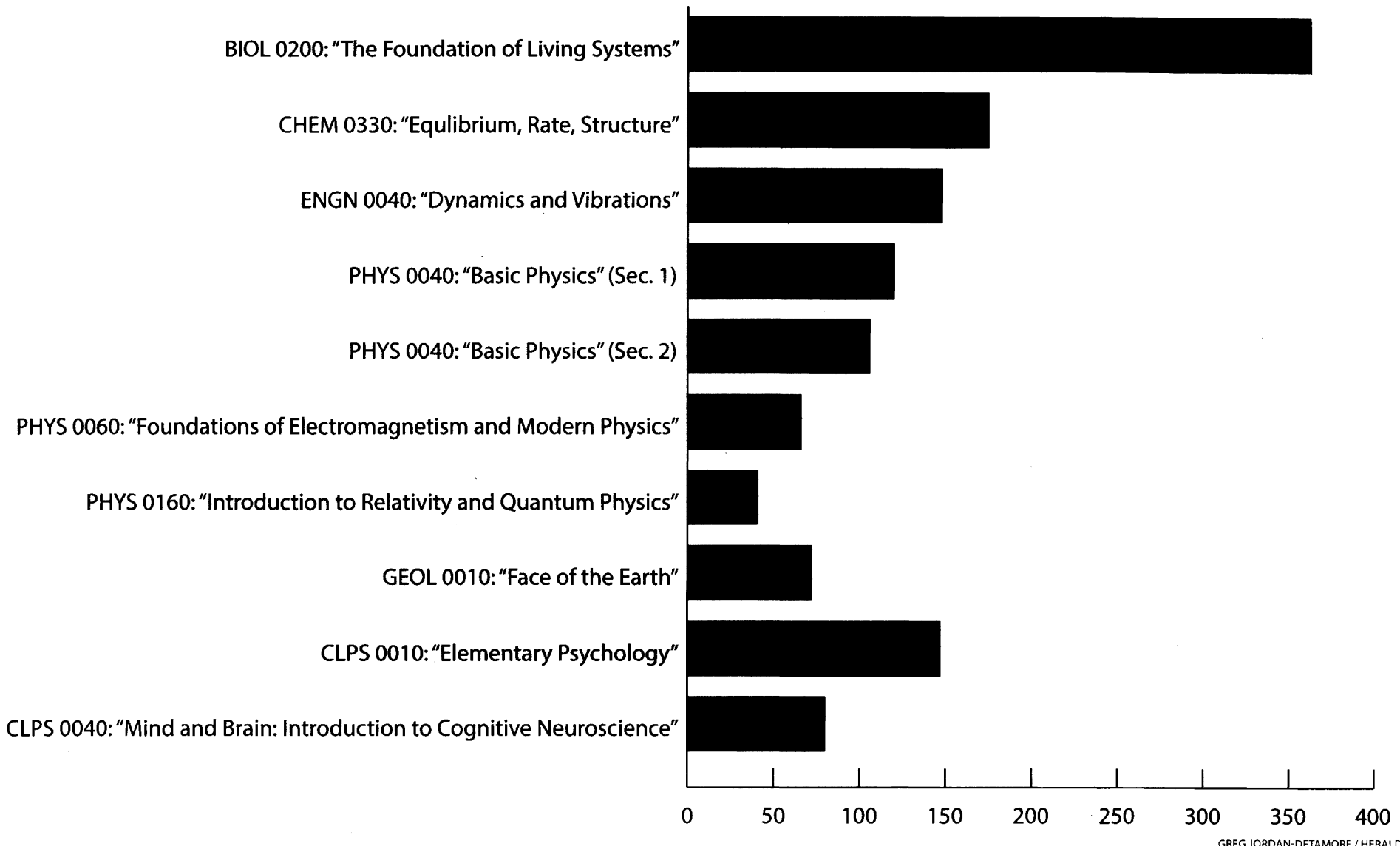
The Brown Daily Herald (USPS 067-740) is an independent newspaper serving the Brown University community daily since 1891. It is published Monday through Friday during the academic year, excluding vacation days during commencement and once during Orientation by The Brown Daily Herald. Single copies are for each member of the community.

ADVERTISING: Please send advertising inquiries to the circulation department at 195 Angell St., Providence, R.I. 02906. Phone: (401) 863-1234. Fax: (401) 863-1235. Email: circulation@brown.edu

Subscription: Please send subscription inquiries to the circulation department at 195 Angell St., Providence, R.I. 02906. Phone: (401) 863-1234. Fax: (401) 863-1235. Email: circulation@brown.edu

Copyright © 2013 The Brown Daily Herald. All rights reserved. Printed on recycled paper.

Spring 2013 enrollments in introductory science courses



// Intro page 1

ogy, engineering and math subjects, why students decide to stop pursuing certain fields of science and potential changes that may be made to the University's approach to science education.

A national challenge

The University's emphasis on science education over the past several years has aligned with the goals of the Association of American Universities, which announced in 2011 that it would spend the next five years implementing changes to STEM education in its member universities, a group that includes Brown.

Bergeron said simple concepts in STEM subjects are often the most difficult to teach. "There is really an art to addressing those questions with an audience that may not yet have the full vocabulary," she added.

Introductory science courses must meet the needs of a large range of students, which makes teaching them challenging, many professors told The Herald.

"People come in with many different goals, many different backgrounds and different interests. You can't make everyone equally excited all the time," said Professor of Chemistry Richard Stratt about teaching CHEM 0330: "Equilibrium, Rate and Structure."

Attracting students

Despite the negativity that may surround large class sizes, students often take large courses as electives, enrollment data indicates, though some lecture courses are more successful than others at catering to a wide range of students.

Each semester, several courses across disciplines enroll hundreds of students. In fall 2011, one section of CHEM 0330 enrolled 278 students, almost all of whom were first-years and sophomores, according to the Critical Review.

Other introductory courses had similarly high enrollment numbers of first- and second-year students, but the data shows the reason students take these courses is not consistent across disciplines.

In spring 2011, nearly 25 percent of students in BIOL0200: "The Foundation of Living Systems" who responded to the Critical Review survey reported taking the course without using it to satisfy a requirement. That fall, in ECON0110: "Principles of Economics," students who reported taking the course without satisfying a requirement made up almost half the class, and in CLPS0020: "Approaches to the Mind: Introduction to Cognitive Science," they made up the majority.

But in the one section of CHEM0330 for which there is Critical Review data from fall 2011, only 6 percent of survey respondents reported that they were not taking the course to satisfy a require-

ment. In two sections of PHYS0040 in spring 2011, only 7 percent of respondents said they were taking the course as an elective.

Do lectures work?

The size and lecture format of introductory science courses renders them less effective, said Mitchell Chang, a professor at the University of California at Los Angeles who studies higher education trends. It is harder for professors to cultivate student interest in "impersonal" lectures, he said.

"I think PowerPoint killed teaching," said Jake Moffett '15, who has taken introductory courses in biology, chemistry and physics. "Brown advertises, in their stupid pamphlet thing, small class sizes, but they don't tell you to get to the small class sizes you have to take like 30 500-person classes," he said.

In large classes like CHEM 0330, "It's easy to fall through the cracks," said Victoria Brown '15, who enrolled in the class last semester.

Bergeron said large class sizes are an inevitable result of having many students interested in particular courses and a limited number of faculty members.

"Given the resources we have, it is what ends up being the most efficient way to educate people," said Robert Pelcovits, professor of physics. In large lectures, "It becomes a challenge — not impossible, but a challenge — to engage

people," he added.

Senior Lecturer in Neuroscience John Stein PhD '95 P'13 said he often sees large, introductory courses portrayed in a negative light. But dividing a large lecture course into smaller seminars would require "a ridiculous reallocation of resources."

Despite the emphasis placed on the importance of small classes, Professor of Comparative Literature Arnold Weinstein said he finds lecturing to be a "remarkable way of organizing material," though he said he would not advocate lecture courses that were not accompanied by discussion sections.

Dividing and conquering?

Wesley Bernskoetter, an assistant professor of chemistry who taught CHEM 0330 this past fall, said one of the challenges of teaching a large course involves teaching students with a wide range of backgrounds and interests.

He said he tried to balance a rigorous foundation in chemistry for students who planned to advance in the field with some of the subject's real-world implications to "spark interest in people" who may not consider themselves future chemists.

Some departments have tried to alleviate these challenges by tailoring specific introductory sequences toward different groups of students.

In the Department of Geological Sciences, there are two options for

introductory courses, said Jan Tullis, professor of geological sciences. GEOL 0220: "Physical Processes in Geology" is a rigorous course intended primarily for science students, and GEOL 0010: "Face of the Earth" provides students with an introduction to geological concepts without the same level of in-depth explanations.

"Our goal is to attract and engage as high a proportion of undergraduates as possible," Tullis said.

Physics also has separate introductory tracks for students with different levels of preparation. PHYS 0030 and PHYS 0040: "Basic Physics" are primarily intended for pre-medical school students. PHYS 0050: "Foundations of Mechanics" and PHYS 0060: "Foundations of Electromagnetism and Modern Physics" are designed for students who are interested in physics but do not have much background in the subject. A third sequence is for students who "clearly need a more challenging, higher-level course," Pelcovits said.

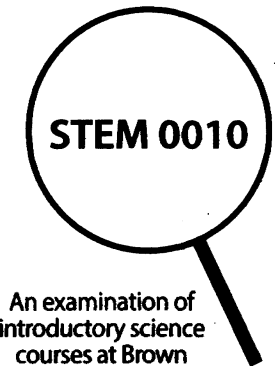
This model is advantageous because potential concentrators are not forced into a large class filled with apathetic students enrolled in order to fulfill a requirement, Pelcovits said.

But chemistry and biology follow a different model, with only one primary introductory course offered for each subject.

Bernskoetter said he thinks "it's against the Brown model" to divide courses based on student interest in the subjects. Dividing the introductory class would require first-year students to have "self-defined" their areas of interest, which contradicts the spirit of the Open Curriculum, he said.

Chemistry used to have different tracks, said Matthew Zimmt, professor of chemistry and chair of the department. But he added that taking chemistry concentrators and "segregating them from people who don't know whether or not they are intellectually interested is not necessarily

// Intro page 6



This series will investigate introductory science courses at Brown, examining what draws students to a field, why they lose interest and how classes at Brown might change as the the nation experiments with different styles of teaching science, technology, engineering and math (STEM). You can read the entire series online at thebdh.org/stem.

Today: In recent years, the University has identified the quality of STEM courses as a priority. Class sizes can pose pedagogical challenges, and departments use many strategies to maximize the impact of introductory lectures.

Wednesday: While many students are drawn to the life sciences, few take electives in the physical sciences. This story explores what draws a student to an introductory STEM class.

Thursday: Not everyone who takes introductory courses continues to take STEM classes. This article examines the reasons students change their minds and claims of "weeding" in pre-medical and engineering courses.

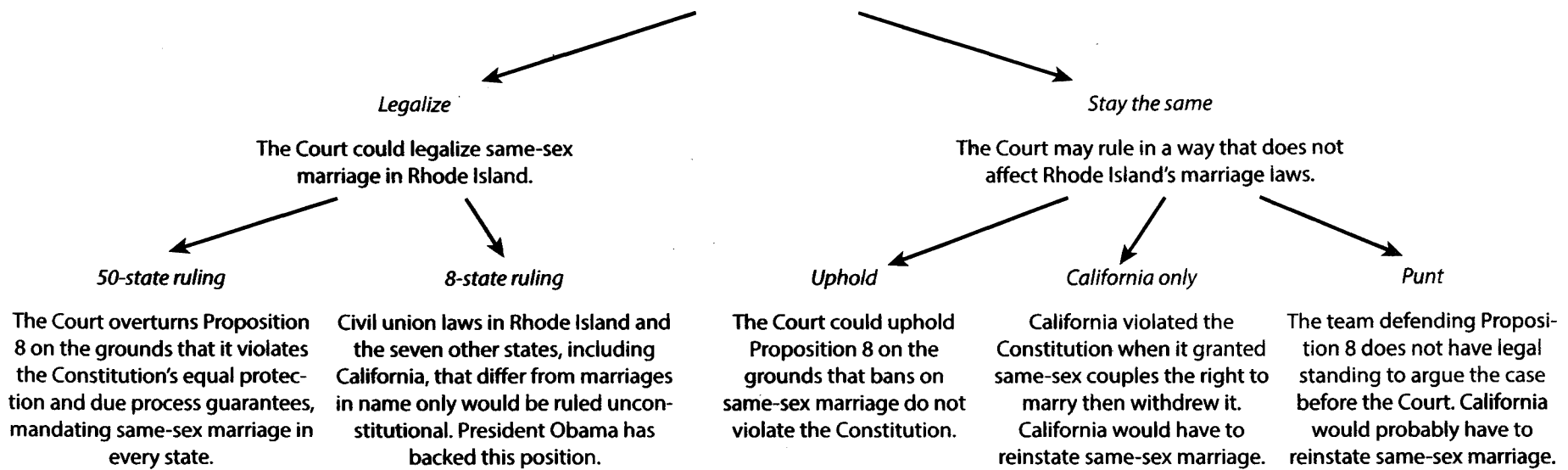
Friday: The final story in the series examines pedagogical experiments undertaken at Brown and recommendations for future changes made by the Committee on Educational Innovation.

Possible Supreme Court rulings on same-sex marriage

Current situation:

Rhode Island provides gay couples civil unions that offer the same legal rights and privileges as heterosexual marriages.

How the Supreme Court might rule:



TEXT BY ADAM TOOBIN & GRAPHIC BY GREG JORDAN-DETAMORE / HERALD

// Same-sex page 1

riage restrictions like it violate the federal Constitution on both equal protection and due process grounds," Cahill wrote. In this instance, "all marriage restrictions in the United States will be struck down as unconstitutional, and same-sex marriage must be recognized nationally as a matter of federal constitutional law," she wrote.

This outcome, though preferred by same-sex marriage advocates across the country, is also "the least likely," Cahill wrote. Analyses of the oral arguments — held last Tuesday — in both

the New York Times and the Washington Post echoed Cahill's belief that the Court is more likely to issue a narrow ruling than one that requires all 41 states without same-sex marriage to adopt it.

The hearings arrived in the midst of a number of prominent endorsements of same-sex marriage from national leaders, adding to a sense, voiced in media and on television across the country by advocates of same-sex marriage, that the time is ripe for the federal government to extend the right to marry to gay couples. Two weeks before the Court heard

the case, Sen. Rob Portman, R-OH, became the first Republican senator to endorse same-sex marriage since then-senator Gov. Lincoln Chafee '75 P'14 endorsed same-sex marriage before he left office in 2007.

The Court could also rule that same-sex civil unions, which are offered in California and Rhode Island, are unconstitutional. This outcome — known as the "eight-state ruling," because it would overturn civil union statutes in eight states — would not prevent those states that currently offer civil unions from passing laws that define marriage as between one

man and one woman. States with civil unions could essentially nullify the effect of the Court's ruling.

President Obama endorsed the "8-state ruling" in an amicus brief that his administration filed with the Court before the hearings.

These two rulings would both bring same-sex marriage to Rhode Island, but the Court has other plausible alternatives, including upholding the constitutionality of state bans on same-sex marriage.

The ambiguity regarding the Court's decision led prominent critic of same-sex marriage in Rhode Island

Bishop Thomas Tobin of the Roman Catholic Diocese of Providence to ask the state senate not to take up the issue until the question of constitutionality is settled. Advocates of same-sex marriage dismissed Tobin's argument. "With all due respect to His Excellency, neither case before the Supreme Court has any bearing on the decision of the General Assembly to make marriage available to all loving, committed couples in Rhode Island," said Reverend Gene Dyszlewski, chair of the Rhode Island Religious Coalition for Marriage Equality.

B e - // Same-sex page 6

2013 CAMPUS DANCE BATTLE OF THE BANDS

Go to <http://alumni.brown.edu/battleofthebands>

BROWNALUMNI

BROWNALUMNI

BROWNALUMNI

Only a few more days left to apply!

Deadline Date Monday, April 8th at 5pm

// Davis page 2

years and has been a professor at Brown since 1959. His course has helped encourage entrepreneurs like Hyun Kim '01, who created Mama Kim's, and Tom First '89 and Tom Scott '89, who created Nantucket Nectars. Both business plans were first proposed in Hazeltine's class.

Hazeltine said he was glad to hear of Davis' success and that many other people have good ideas but do not pursue them or give up.

"(I) respect very much somebody who had the initiative and made it work," Hazeltine said.

Hazeltine has continued to help his former students, including Davis, with their businesses after they graduate. "Mostly entrepreneurs need encouragement more than they need strong advice," Hazeltine said. "They need somebody to take them seriously."

Davis credits his success as an entrepreneur to his education at Brown. "Truthfully it's the freedom I had (at Brown)," he said. "It can be a blessing or a curse, but (without it) I wouldn't be doing what I'm doing for sure."

On the rise

Davis and Bontempo first launched Bungee with an infomercial in 2010, but the product did not sell well. Davis said it was difficult to demonstrate how the Bungee process worked in the two minutes of television time. At the time of Bungee's release, texting was not popular enough for people to fully grasp how the product worked, he added.

"(We were) kind of ahead of our

time," Davis said. "I was texting like a maniac, but text messaging really hasn't taken off until recently."

In the five years since the idea for Bungee was conceived, texting has grown much more prevalent as a means of communication. Between 2000 and 2010, the average number of text messages sent per month in the United States increased from 14 billion to 188 billion, and the numbers continue to rise, according to a Sept. 2012 CNN article.

The company's more recent success is partly due to this rise in text messaging because texts are so integral for Bungee's system to work, Davis said. "It's a product whose time has finally come, and we just stuck with it," he said.

When Davis and Bontempo regained the rights for Bungee from the infomercial company, they were excited to have the opportunity to sell Bungee as an online product, Davis said.

The two set a goal of raising \$10,000 before March 15 using the online funding platform Indiegogo. Davis and Bontempo raised \$10,542 through the website and the product was released online three days later. Customers can purchase packages varying in duration and covering either an individual or a family.

Before the product was released, Fox News contacted Davis and Bontempo and asked for the right to use the product on a segment entitled "Honesty in America" that would air on the "Fox and Friends" morning show. With Fox, the two founders took a road trip to five cities in five days, testing the product in Las Vegas, Dallas, Miami,

Charleston, S.C. and Washington, D.C. In each city they tested Bungee by "losing" items on purpose and seeing whether the items were returned. Davis said the return rate was about 90 percent.

It was "a huge, huge thing for us ... showing that the product works," Davis said. The show premiered the same day Davis and Bontempo launched Bungee. It was a "free commercial," Davis said. "It was awesome — really awesome."

The two have also tested Bungee on their own and have gone to places including the Pennsylvania State University campus, Cleveland, Chicago, St. Louis, New York and several Wisconsin cities. Davis said they have probably tested Bungee in New York over 100 times.

Wallets, passports, digital cameras, iPods, iPhones, other smart phones, sunglasses and keys are typical items used in the tests.

Davis said he has one set of "lucky keys" he loses in every city and has always gotten back.

Davis said they not only want the product to work, but they want it to work quickly. He once purposely left his laptop on a plane to see how quickly Bungee would work. He got a text in less than 10 minutes, before he had even gotten his bags. He turned around to go back to the gate where he retrieved his laptop from the flight attendant who had found it and texted the number on the Bungee tag.

A Future for Bungee

In the future, Davis said he hopes to continue advertising Bungee through Google AdWords and Facebook.

Bungee was designed as an original equipment manufacturer product, meaning that it can be integrated into other companies' products, he said. He added that he hopes Bungee will eventually be built into expensive sunglasses, car keys, book bags and cases

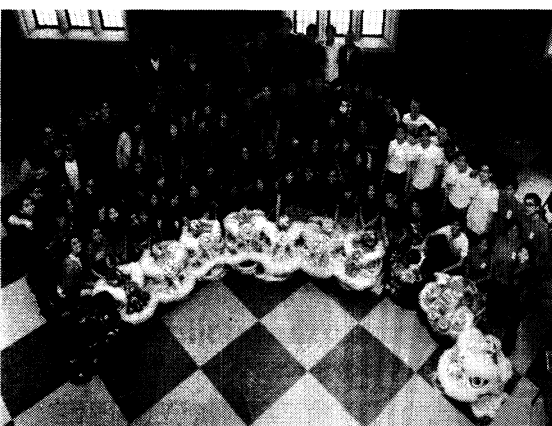
for iPhones and tablets.

In the first 10 days of the product's availability, an estimated 600 to 700 people purchased Bungee, Davis said.

"The one thing we are about is if you lose your stuff, you get it back," Davis said.



Join us for the **EAST COAST INTERCOLLEGIATE LION DANCE COMPETITION**



Saturday, April 6th, 2013
10:30am-1pm in Alumnae Hall

Followed by fun with all
of the lions on Ruth Simmons
Quad (Lincoln Field) at 3:30!



BROWN UNIVERSITY LION DANCE
布朗大學舞獅團



Only 2 days left
to apply!

**BELL HOPS
HOSPITALITY
CLASS STAFF
CONCIERGES
EVENT STAFF
BRUNO**



Work Reunion Weekend 2013



APPLY ONLINE
Go to the Alumni Relations
job posting at the
Student Employment Website

Deadline is April 4, 2013 at noon

BROWN ALUMNI ASSOCIATION



You'll love every minute of it!

Legislating SAME-SEX MARRIAGE

All eyes on Rhode Island

APRIL 23 / 4:00 PM

MacMillan Hall, Starr Auditorium

167 Thayer Street

Free and open to the public ♿

SPONSORS Taubman Center for Public Policy | *Brown Daily Herald*
www.brown.edu/taubman-center



// Intro page 3

in the best interest of the class."

Maximizing impact

In addition to the main introductory courses offered in each discipline, the University created small first-year seminars in part to introduce students to certain fields through alternative paths. Bergeron said.

"The challenge has to do with scaling them up," she said. "It may well be that some of them could be translated quite profitably to a new modality so that the kind of cognitive work that students do when they actually solve problems could be enhanced."

Bergeron said she thinks the University should implement more courses that involve "high-impact practices," which include writing, research, problem-solving and group work. Unlike listening to lectures and taking exams, these forms of learning "promote active engagement," she said.

Still, "it is not obvious that by definition, large classes are a problem," said David Targan, associate dean of the College for science education. "If a faculty member is engaged and students are engaged, size itself is not critical."

The next story in this series will explore why students enroll in introductory science courses and why courses offered by some departments appeal to a broader range of students.

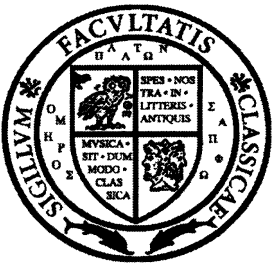
- Additional reporting by Phoebe Draper and Sahil Luthra

// Same-sex page 4

sides upholding the constitutionality of Proposition 8, the Court could rule that "Proposition 8 was unconstitutional because it violated the federal Equal Protection Clause to give marriage rights and then take them away," Cahill wrote.

The Court could also rule that "Proposition 8's (legal) defenders lack standing under the federal Constitution to appeal this case to the Supreme Court," Cahill wrote. This outcome would overturn Proposition 8, legalizing same-sex marriage in California but nowhere else. California's governor declined to defend Proposition 8, arguing that it is unconstitutional. Former Federal District Court Judge Vaughn Walker, who originally overturned Proposition 8 before the case arrived at the Supreme Court, used this argument to justify his decision.

The Supreme Court also heard arguments in a case about the constitutionality of the Defense of Marriage Act, which established the federal definition of marriage as between one man and one woman. As a result gay couples who have received weddings in states that have legal same-sex marriage are not eligible to receive any federal marriage benefits, including the ability to file joint tax returns and receive health care coverage under a spouse's plan, The Herald previously reported.



BROWN UNIVERSITY DEPARTMENT OF CLASSICS ANNOUNCES... 2013 Language Prize Exams

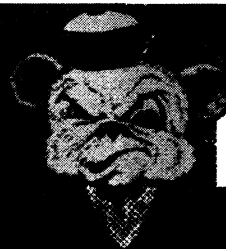
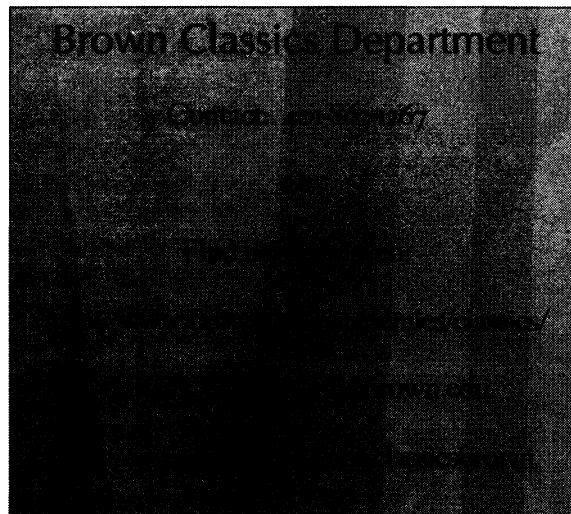
The competitive examinations for these prizes will take place at the below dates and times.
For more information, please contact Professor Joseph Pucci at joseph_pucci@brown.edu

THE LAFAYETTE SABINE FOSTER PRIZE IN GREEK

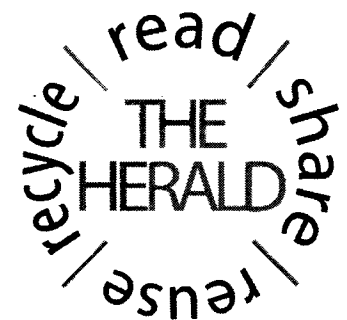
- Tuesday, April 9th @ 4:00pm (one hour in length)
- MacFarlane 101; 48 College Street
- Eligibility: Open to all students of Greek

LUCIUS LYON PRIZE IN LATIN

- Friday, April 12th @ 4:00pm (one hour in length)
- MacFarlane 101; 48 College Street
- Eligibly: Open to students of the class of 2013



BLOG DAILY HERALD
.COM



UFB increases funding for student organizations

UFB will offer student groups more funding for community service, conferences and food

By JILLIAN LANNEY
CONTRIBUTING WRITER

Student groups can anticipate increased funding and new policies for the upcoming academic year, the Undergraduate Finance Board announced in a community-wide email last month.

Beginning next year, student groups will be able to request increased conference funding, funds for service groups and funding for food.

Previously, UFB could only pay for two or three members of student groups to attend conferences. Now, groups can request funding for three to five people, according to the email. Student groups will also be able to request funding for 50 percent of food costs for events, according to the email.

In the past, student groups were required to cover costs of any food themselves.

// Lacrosse page 12

USC goal, Grace Healy '14 and Janie Gion '15 scored to put the Bears up by one at 8-7 with less than three minutes to go. USC forced the game into overtime with a goal at the 45-second mark.

"The USC game was one of the toughest challenges we've faced as a team and it took all 29 of us to secure that win," Hudgins said. "USC was a great opponent and as a group we really grew a lot."

The squad continued its spring break games with its fourth straight win, in which it defeated St. Mary's last Tuesday. Hudgins was instrumental in the Bears' attack, contributing three goals and an assist.

Brown started a nine-goal streak in the first half with three by Hudgins and two goals each added by Gion and Mastro. The Gaels (3-6) scored with 14 seconds remaining, leaving the score 9-1 at halftime. Five more Bears contributed goals for the win including Kasey Wagner '13, Lindsay Minges '13, Julia Carellas '15, Sarah Nesi '16 and Carolyn Westphal '16, which resulted in a final score of 14-3. The win against St. Mary's brought the Bears' record to 7-1.

"We are a group of really hard working people who all have a common goal and that's to make it to the Ivy League tournament," Hudgins said.

The women's lacrosse team not only prepares with practices and playing on the field, but it also has rituals off the field that players said they find

"We really have the chance to do some things that we were never able to do, just because we have a little more to work with," said Zachary Fischer '13, UFB chair.

Certain service groups "that have an immediate impact on the Brown campus and within the city" can now request \$200 per semester for their service projects, according to the UFB email. More information regarding the specifics of this type of request is "forthcoming," according to the email.

Fischer said student groups have long appealed to UFB to help with food costs and specifically mentioned the Hellenic Students Association, saying that UFB could help with the costs of a cultural lamb-roast, an event the association has wanted to put on for many years.

Despite the increased budget for next year, Fischer said some needs of student groups will remain unmet.

"I know that hurts a lot of student groups," he said, adding that UFB would like to have the resources to fully fund all student group activity, but it simply does not have the means to do so.

valuable to their success.

"Before every game, our team comes up with a word for the game to write on our wrist so that we know we can always look down on our wrist and know that we are all in it together," DiBona said. "When there is a concrete thing we can look to, it helps us realize that we are playing for each other."

Despite its efforts on and off the field, the squad fell to No. 15 Dartmouth (7-3, 3-0) last Saturday 8-7. Four back-and-forth goals between the teams occurred in the first fifteen minutes of the game, with goals by Abby Bunting '15 and Hudgins. Minges broke the tie with a free-position goal at 12:23, and Bunting added her second goal of the game, making the score 4-2 at halftime.

The Big Green scored in the first two minutes of the second half, followed by two more goals with 20 minutes in the game, giving them a 5-4 advantage. Bunting added her third goal of the game shortly after to tie up the score.

The Bears earned back the lead, 7-5, with 13:54 remaining on the clock with goals by Bunting, Healy and Gion. Bruno's defense was solid in the remainder of the second half after a yellow card at 12:10 left the team a man down. Goalie Kellie Roddy '15 contributed five saves in the effort, yet the Big Green was able to tie the game 7-7 with four minutes remaining. A Brown turnover gave Dartmouth the breakaway leading to the final goal of the Ivy League match up, with Brown // Lacrosse page 9

Submit questions for the UCS/UFB debate!

Have questions for the candidates for UCS President and Vice President and UFB Chair and Vice Chair?

Tweet @the_herald

Email ucsdebate@browndailyherald.com

Questions are due by April 10 at 8 p.m.

See the candidates face off April 11 at 8 p.m. in Metcalf Auditorium.

Attitude Dance Company



\$5/\$7 at the door
On sale 4/1-4/5
10-12pm @ JWW

April 5th-6th . 7pm . Alumnae Hall

Read. Recycle.

1 Herald
1 part water
+ 1 part flour
paper mache!



Mayor aims to bolster city's economy

Taveras proposed plans to freeze commercial real estate taxes and revitalize Kennedy Plaza

By **EMMAJEAN HOLLEY**
STAFF WRITER

Mayor Angel Taveras proposed a plan at a press conference Wednesday to strengthen the city's economy by attracting and retaining new business developers.

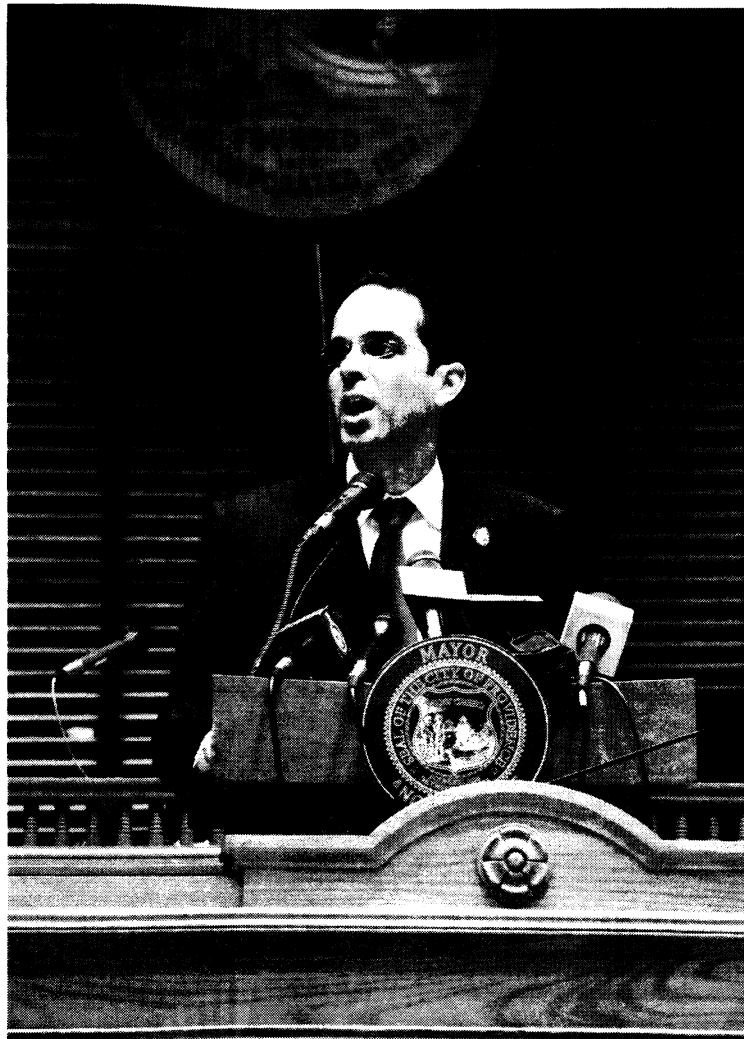
The 20-step plan is organized through five key courses of action, which Taveras said are all effective immediately. The plan outlines measures to "freeze the commercial tax rates," "fix the city's permitting process," "remove barriers to development," "develop surface lots citywide" and "reinvent Kennedy Plaza."

"This action plan presents a road map to a new era of opportunity and prosperity for Providence," said James Bennett '79, the city's director of economic development, in a statement. "I am excited to work with my team to implement these actions and accelerate economic growth in our city."

Under the plan, the Taveras administration will pursue a seven-year freeze on commercial real estate taxes intended to boost business investment in Providence by providing prospective developers a sense of "consistency and stability" in their investments, Taveras said at a press conference.

Taveras' second initiative attempts to expedite the application process for small business permits by improving accessibility. The city will enable online submissions and institute a system of status updates to streamline the application process, according to the plan. Small business permits comprise 75 percent of all city permit applications, according to a Providence Business News report.

The city will take inventory of potential sites for demolition — as well as



EMILY GILBERT/HERALD

The plans include long-term and short-term initiatives for Providence such as constructing new parking lots. Herald file photo.

any buildings that require infrastructure improvements — and embark on renovations to stimulate redevelopment and open property for new businesses. City officials will take historical significance into consideration when evaluating buildings, according to the plan.

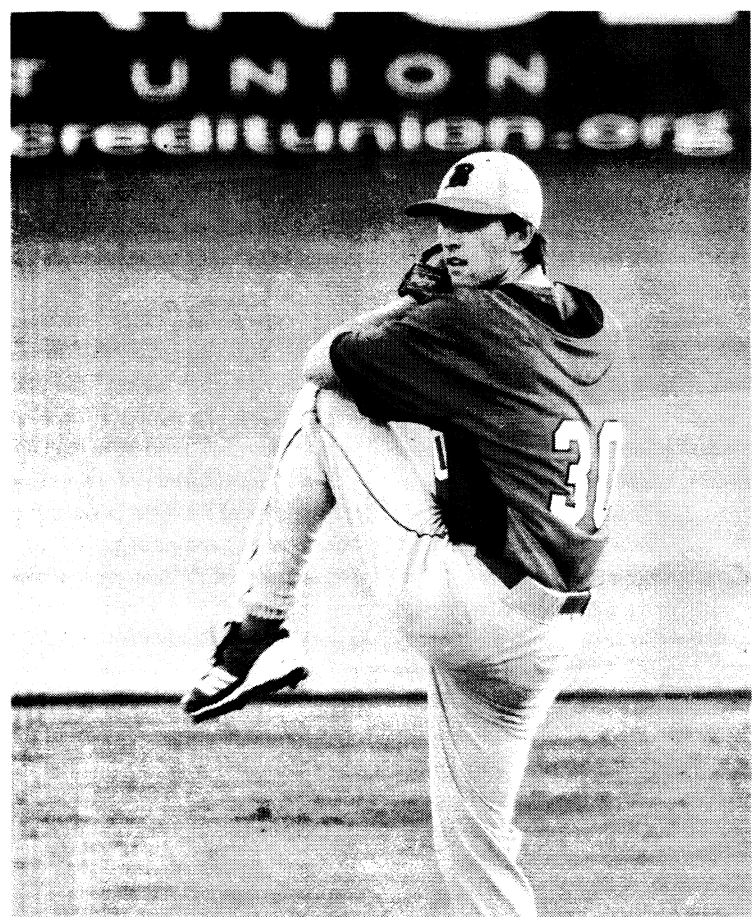
Taveras also intends to provide incentives for the revitalization of city parking lots in order to stimulate development and "ease the crunch on parking," he said at the press conference. New developers will not have to pay real estate taxes for the first three years of owning their lots. The plan states that developers will instead be allowed to spread payments of the owed

taxes over the subsequent nine years.

Taveras also announced his hope to revitalize Kennedy Plaza. The project would relocate Rhode Island Public Transportation Authority buses and transform the square into a more "pedestrian destination for all Rhode Islanders" in an attempt to attract more visitors to downtown Providence, according to the plan.

The city has a central role in enacting solutions to statewide economic conditions, Taveras said at the press conference.

"It is time to get cranes in the air and put people to work rebuilding our city," he added.



HERALD FILE PHOTO

The Bears will have a chance to improve their performance in upcoming games today and tomorrow and with another Ivy League doubleheader.

// Baseball page 12

rence '15 kept the game within reach, giving up four runs with eight hits in just over seven innings. Similar to the first game, the Big Red scored first, this time with a run in the second inning. In the top of the fourth, Daniel Massey '14 drove in Will Marcal '15, evening the score at 1-1. Cornell then scored a run in the bottom of the fourth, taking the lead back 2-1. Despite the strong pitching, Cornell added on two more runs and finished the game with a 4-1 lead.

"We need to hit higher than .167 to win any games," Drabinski said. "You cannot expect to throw a shut-out every game."

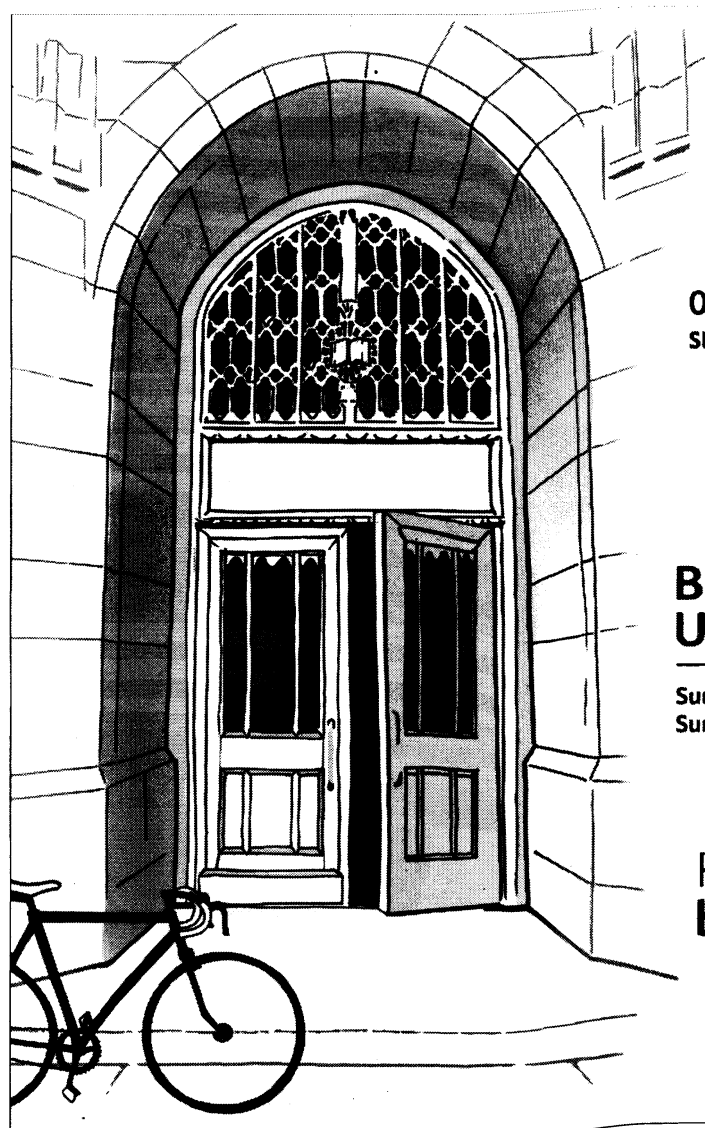
Early in Sunday's first game, the Tigers (5-17, 3-1) took a 1-0 lead with a loaded bases walk in the second inning. In the sixth inning, Bruno tied the game up at 1-1 with a sacrifice fly from Massey, driving in Matt DeRenzi '14. The Tigers quickly fought back, tacking on two more runs in the bottom of the sixth and

taking a 3-1 lead. Princeton's starting pitcher Mike Ford was able to work with his team's comfortable lead, giving up only one run and five hits in seven innings.

Princeton took another early lead in the second game of the day as the Tigers scored a pair of runs in the first inning to take a 2-0 lead. Bruno's only run of the game came in the seventh when DeRenzi scored on a sacrifice fly from Wes Van Boom '14. The Tigers' starting pitcher Kevin Link pitched the entire nine innings, allowing only three hits and one run.

"We need to start hitting — we need guys to step up and hit like they have hit in the past," Drabinski said. "We'll work on it, that's for sure."

The Bears play their first home game of the season today against Bryant University at 4 p.m. and then travel to Siena College for a doubleheader on Wednesday. Ivy League play will continue this weekend at home in a pair of doubleheaders against Penn and Columbia.



BOSTON
UNIVERSITY

Open the door to a rewarding summer in Boston, and discover:

- More than 700 courses
- 70 academic subjects
- 19 foreign languages
- Summer study internships

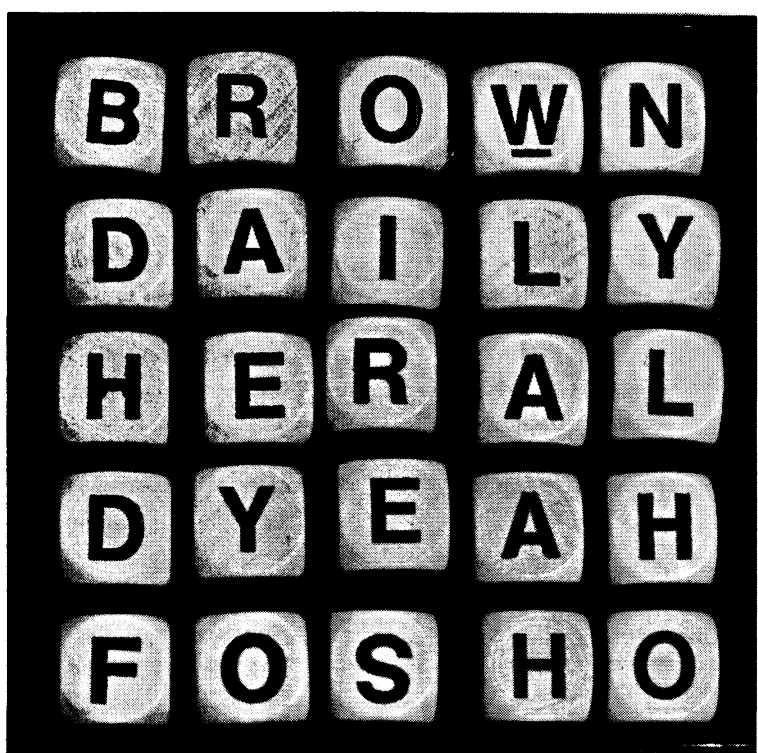
**BOSTON SUMMER
UNIVERSITY TERM**

Summer 1 May 21-June 28
Summer 2 July 1-August 9
2013

Register today:
bu.edu/summer

Boston University Summer Term

An equal opportunity, affirmative action institution.



www.browndailyherald.com

CREW

Bruno opens spring season with two consecutive victories

Undefeated boats will face defending champions with an eye on the national title

By NIKHIL PARASHER
SPORTS STAFF WRITER

The men's crew squad opened its spring season over the weekend with a pair of victories over Yale and Boston University. Each of the three varsity boats is undefeated so far this season.

The team does not normally race on back-to-back days, but the rarity did not seem to bother the squad, said co-captain Carter Aronson '13. The first, second and third varsity boats each defeated their Yale counterparts Friday, including a come-from-behind victory for the first varsity eight. Brown's first freshman boat also defeated the Bulldog's third varsity boat.

When the two teams matched up in their one-on-one competition last year, Yale swept Brown. Aronson said the win feels nice, but the team is not dwelling on its success.

"It's definitely a good feeling to come back this year and beat them," Aronson said. "But it's important not to let that get to our heads. It's just one win and we have a long, hard season in front of us."

The three varsity boats, as well as the first freshman boat, all replicated their successes from the previous day this past Saturday — this time against BU. The second freshman eight was the only group without a victory on the day.

The team will travel to Seattle this coming weekend to face the University of Washington, the reigning victors of the Intercollegiate Rowing As-



HERALD FILE PHOTO

Though the men's team is undefeated so far, the squad is preparing for a tough race against last year's IRA champions University of Washington.

sociation Championship Regatta. The Bears came in second place in both the first and second varsity events at the IRA Championship Regatta last year, finishing closely behind the Huskies.

Aronson said he thinks the team is looking forward to the matchup.

"It's very competitive between our two teams," he said. "I think we're all really excited to go out there and race them."

Co-captain Owen Traynor '13 added that the race would be important for the Bears because it would show them how they stack up against

the heavily favored defending champions.

"I think after that race, we will definitely know how fast we are and, more importantly, how fast we may need to become should we not beat them in the racing," Traynor said. "Because I guarantee that they will be devastatingly fast."

In an e-mail to The Herald, Assistant Coach Judah Rome wrote that the matchup is important, but the squad is not placing too much emphasis on it.

"There is no question that it is a big race for us and will be our focus

for the coming week," Rome wrote. "At the same time, it is only one race on our schedule."

Regardless of how the team fares against the Huskies, Aronson said the squad does not row at its best this early in the season and will improve.

"We really try and build so that we peak right before (the IRA Championship Regatta)," Aronson said. "So we're not at championship speed, right now, but I'm confident in the squad that we will get there."

Rome wrote that he is confident in the rowers' abilities and said he believes the squad even has the chance

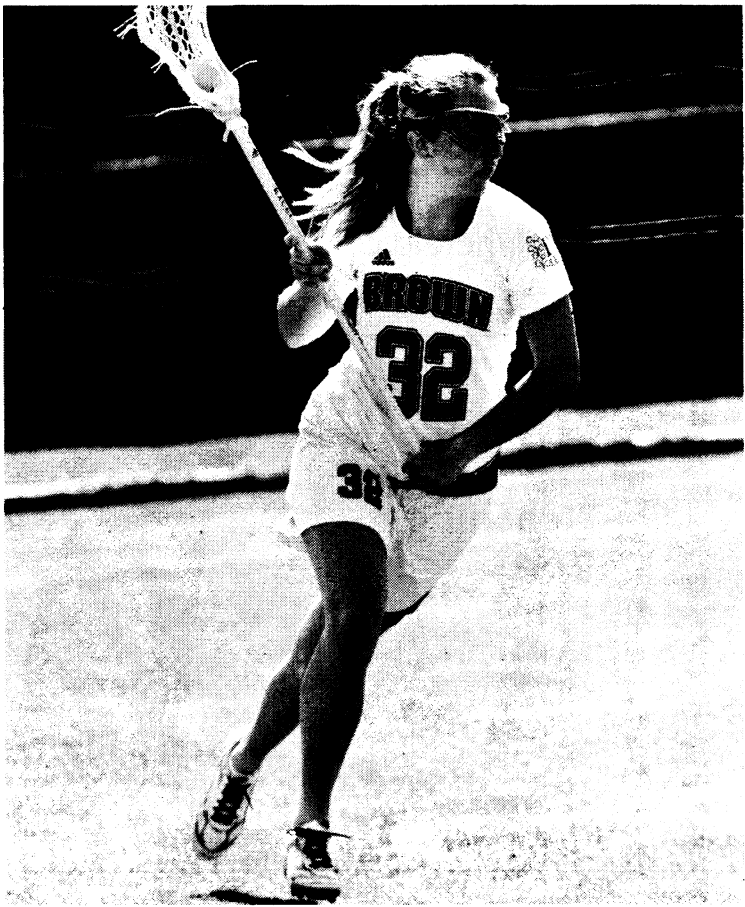
to compete for the national title.

"It is something that has been done at Brown before, and we believe we can do it again," he wrote, adding, "We know it is a very lofty and challenging goal."

The team has other goals as well — repeating as Ivy League champions is "definitely, definitely possible," Traynor said.

Aronson said that while the squad is off to a great start this season, the team is looking ahead, not behind.

"It's easy to win," Aronson said. "It's hard to move on from that and look to the next goal."



HERALD FILE PHOTO

The Bears are preparing for a slew of Ivy league games, beginning with a home match against Harvard this Saturday.

// Lacrosse page 7

falling by the one goal margin.

"We try to not compare ourselves too much to other teams and really just try to focus on us and how we

can improve and get better," Hudgins said.

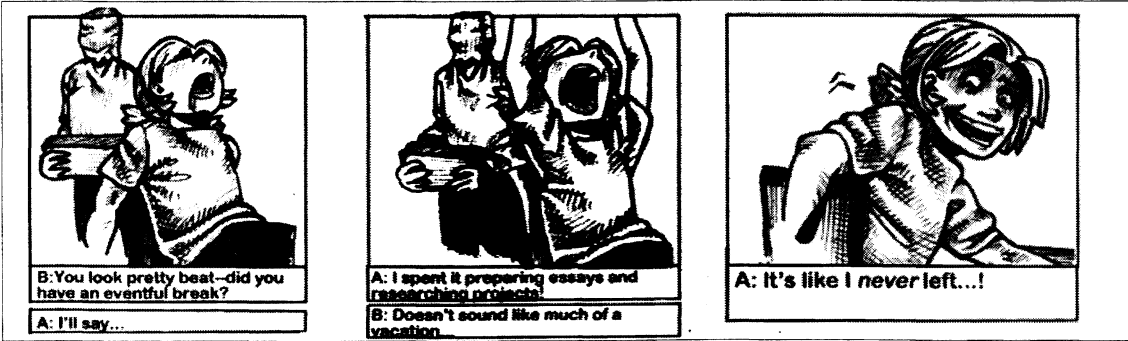
The squad will return to Steven-son Field Saturday April 6 at noon to play Harvard in another Ivy League game.

COMICS

Class Notes | Philip Trammel



A & B | MJ Esquivel



What can
JOINING
THE BDH
do for YOU?

BEFORE
joining
the BDH



AFTER
six months
of drawing
comics

EDITORIAL

Just a small town student

With the advent of April, many Brown students look forward to the promises of next year, when the community will welcome the new class of 2017. This incoming first-year class is considered the most diverse ever, with 45 percent identifying as students of color, The Herald reported Monday. But there remain many talented and deserving students who aren't even considered by the University. And it is not because their applications didn't stand out — it is because they never submitted them in the first place. The University must work to expand its outreach to low-income, rural students in particular.

A significant cohort is missing: low-income students from rural high schools. A recent study by the National Bureau of Economic Research shows that most high-achieving students from low-income households do not apply to a single competitive college or university. Several factors contribute to this phenomenon, such as a lack of awareness of such institutions, concerns about affording tuition and the rise of alternative forms of learning.

These students' dilemmas are indeed as unfortunate as they seem, because they can easily be solved with one thing: information. With easier access to crucial information — about schools' programs and financial aid offerings, for instance — high-achieving, low-income rural students should have just as much of a chance as a student from a private high school in New York City. Inspired by their peers, parents, guidance counselors or teachers, high-income students from urban areas are often raised to aspire to attend top colleges.

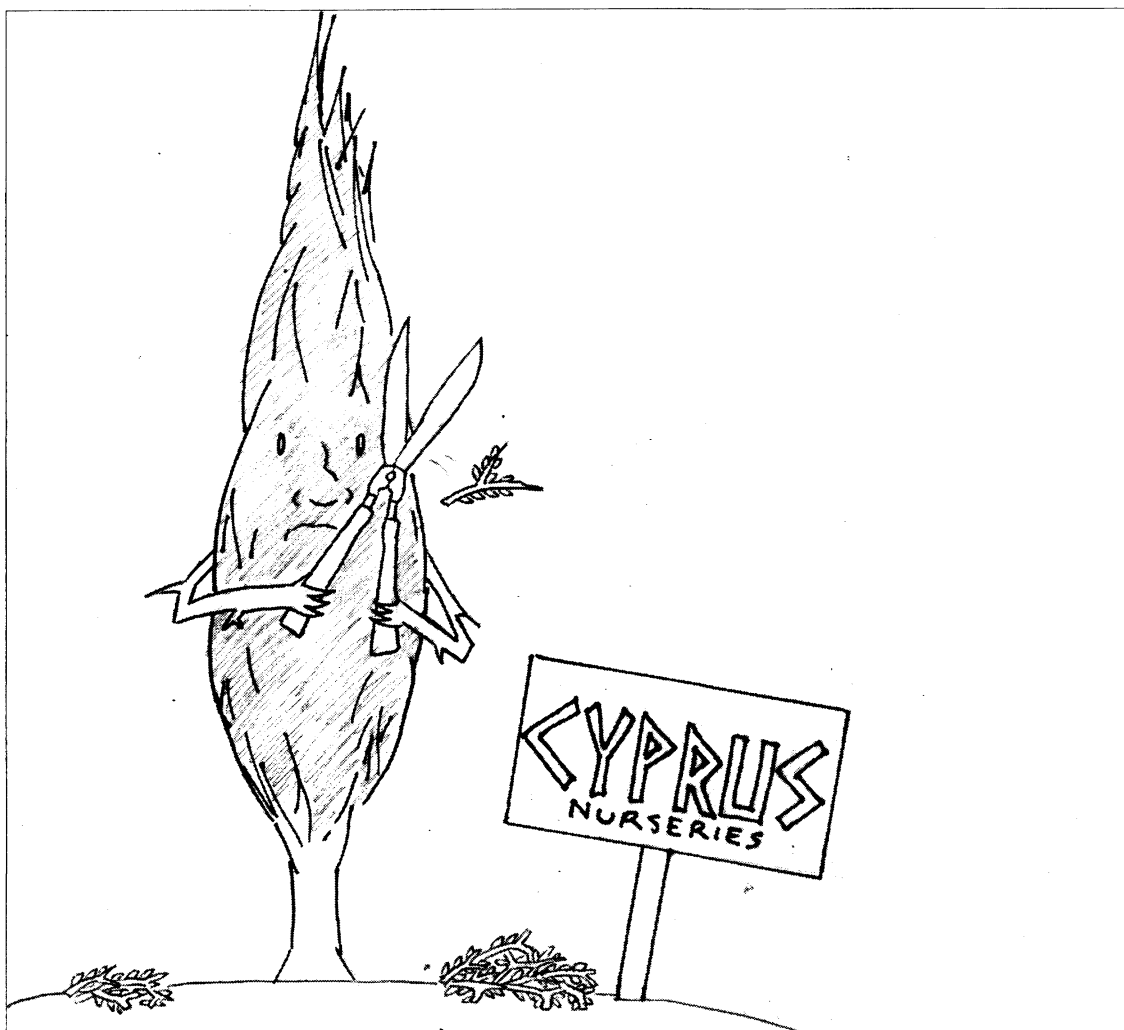
But for students in rural areas, the story plays out quite differently. According to the National Bureau of Economic Research study, most of these students have never met anyone — a teacher, another student or guidance counselor — who attended a selective college. Without guidance, students qualified to or interested in attending a selective institution have far more difficulty with the admissions process and navigating the numerous applications for financial aid.

Top universities such as Brown must expand their efforts to incorporate these left-out students and pay more attention to recruitment. They can take note from an intervention conducted by the Stanford University Institute for Economic Policy Research, in which about 40,000 high-achieving, low-income rural students were provided valuable resources such as the idea of "net price" versus "sticker price," graduation rates for top colleges versus local colleges and application fee waivers. These interventions worked wonders. The students submitted 19 percent more applications, and 31 percent of them were likelier to be admitted to a highly selective institution. By eliminating one of the biggest deterrents — the misconception about what these institutions would cost — and raising awareness about the feasibility of attending, top universities can strive to become more diverse, as they already claim to do.

Attracting these intelligent students from rural areas is necessary not only for the benefit of the University, but also for the benefit of the public. By expanding its efforts to appeal to students in rural public schools, Brown can pick up crucial pieces missing in its student body. We urge the administration to make an invested effort in obtaining low-income, rural talent.

Editorials are written by The Herald's editorial page board: its editor, Dan Jeon, and its members, Mintaka Angell, Samuel Choi, Nicholas Morley and Rachel Occhiogrosso. Send comments to editorials@browndailyherald.com.

EDITORIAL CARTOON BY VITTO DI VAIO



LETTER TO THE EDITOR

U. not truly sustainable without divestment

To the Editor:

The Herald quotes President Christina Paxson as saying, "I'm not persuaded yet that the action (divestment activists) think the University should take is the most appropriate action" ("Paxson navigates advocacy, leadership," April 1). As an alum, I am very disappointed. There is a fundamental disconnect between promoting sustainability within the Brown environment and maintaining investments in the

very industry that, along with oil and gas, for years has been blocking all political efforts to create a meaningful national policy to counter climate change — the greatest threat to our planet's stability. I wish our president would spell out what it would take to convince her that Brown should show moral courage and divest. Give the members of the graduating class of 2013 something to really be proud of as they walk through the gate and become alums!

Tom Bale '63

Letters, please!

letters@browndailyherald.com

THE BROWN DAILY HERALD

EDITORS-IN-CHIEF		MANAGING EDITORS		SENIOR EDITORS	
Lucy Feldman		Elizabeth Carr		Aparna Bansal	
Shefali Luthra		Jordan Hendricks		Alexa Pugh	
EDITORIAL		BUSINESS			
Greg Jordan-Detamore		Strategic Director			
Hannah Abelow		Arts & Culture Editor			
Maddie Berg		Arts & Culture Editor			
Sona Mkrttchian		City & State Editor			
Adam Toobin		City & State Editor			
Elizabeth Koh		Features Editor			
Alison Silver		Features Editor			
Sahil Luthra		Science & Research Editor			
Kate Nussenbaum		Science & Research Editor			
James Blum		Sports Editor			
Connor Grealy		Sports Editor			
Mathias Heller		University News Editor			
Alexandra Macfarlane		University News Editor			
Eli Okun		University News Editor			
Dan Jeon		Editorial Page Editor			
Matt Brundage		Opinions Editor			
Lucas Husted		Opinions Editor			
Maggie Tennis		Opinions Editor			
Emily Gilbert		Photo Editor			
Sam Kase		Photo Editor			
Sydney Mondry		Photo Editor			
Tom Sullivan		Photo Editor			
Danny Garfield		Video Editor			
Angelia Wang		Illustrations Editor			
Sara Palasits		Copy Desk Chief			
Brisa Bodell		Design Editor			
Einat Brenner		Design Editor			
Kyle McNamara		Design Editor			
Sandra Yan		Assistant Design Editor			
Joseph Stein		Web Producer			
Neal Poole		Assistant Web Producer			

QUOTE OF THE DAY

“ I think PowerPoint killed teaching. ”

— Jake Moffett '15

See INTRO on page 1.



[facebook.com/browndailyherald](https://www.facebook.com/browndailyherald)



@the_herald



browndailyherald.com

CORRECTIONS POLICY

The Brown Daily Herald is committed to providing the Brown University community with the most accurate information possible. Corrections may be submitted up to seven calendar days after publication.

COMMENTARY POLICY

The editorial is the majority opinion of the editorial page board of The Brown Daily Herald. The editorial viewpoint does not necessarily reflect the views of The Brown Daily Herald, Inc. Columns, letters and comics reflect the opinions of their authors only.

LETTERS TO THE EDITOR POLICY

Send letters to letters@browndailyherald.com. Include a telephone number with all letters. The Herald reserves the right to edit all letters for length and clarity and cannot assure the publication of any letter. Please limit letters to 250 words. Under special circumstances writers may request anonymity, but no letter will be printed if the author's identity is unknown to the editors. Announcements of events will not be printed.

ADVERTISING POLICY

The Brown Daily Herald, Inc. reserves the right to accept or decline any advertisement at its discretion.

Every opinion is fallible

KEVIN CARTY
OPINIONS COLUMNIST

I do not agree with John Stuart Mill on everything, but he is far and away the best thinker I've ever read on the topic of freedom of speech. The second chapter of his "On Liberty" is filled with philosophical gems, but here's my favorite quote of all: "The steady habit of correcting and completing (one's) own opinion by collating it with those of others ... is the only stable foundation for a just reliance on it." In other words, the only reasonable basis for dependence upon our own opinions is an unending willingness to acknowledge that we might be wrong.

As someone who spends a good deal of time putting his opinions on public display for the rest of Brown to praise, lambast or ignore, I hold this quote near and dear. In fact, after the countless times I've been wrong in my life as a heavily opinionated person, this concept is what keeps me going. My belief in this idea is one of the things that helps me appreciate Brown as fully as possible.

Judging by the surface-level platitudes of our liberal arts community, we Brown students seem to follow this doctrine well: "We should always be critical," we say. "Challenge the status quo," we boldly proclaim. "Speak truth to power, question the answers, challenge authority," we repeat ad nauseam. But how many of us

proud pluralists actually follow Mill's directive to never assume that a debate is settled, to never disregard criticism, to never give up the hunt for the truths of the human condition?

Frankly, I think the answer to that question is not many. For all of our communal devotion to Brown's intellectual rigor and liberal arts ideology, I think we fail this test all the time in a few very specific ways.

First, a lot of us tend to summarily re-

derstand this attitude because it is exactly how I felt after his piece appeared on The Herald's website.

But isn't it often our biggest opponents who make us best understand our principles best in the first place? Arguing against democracy's detractors helps us to better appreciate the worth of democracy to begin with. Mill's conception of opinion does not only oblige us to accept our fallibility. It also encourages us to expect others to do the same and act

to actually search for a workable conception of the good when all that we are trying to do is win a never-ending political fight.

Furthermore, there is an even worse externality to this sort of political behavior. In the history of American democracy, politics has never been pretty. Even the founding fathers themselves, as devoted to the ideals of political involvement as any Americans before or since, lamented their time in politics and waxed eloquent about their desires to return to their farms and families. But if we take the heinousness of political conflict as a given, if we let it stand as nothing but a battle between two tone-deaf idiots competing for complete victory, we reach a crisis of low expectations.

Politics can and should be so much more than this sort of awful battle. Despite the mudslinging, the quasi-murderous oppositional anger and the mind-numbing slowness of political progress, politics can be a societal search for shared values and communal truth. That probably sounds hopelessly idealistic to a few of my readers, but that's how it should sound. It's hard work to always push for real truth-seeking in politics and human life, but we can never forget how important that work is. Following Mill's principle of our own opinions' fallibility is an essential part of that task.

Kevin Carty '15 is from Washington DC. He can be followed @Politicarty or emailed at kevin_carty@brown.edu.

How many of us proud pluralists actually follow Mill's directive to never assume that a debate is settled, to never disregard criticism, to never give up the hunt for the truths of the human condition?

ject, rather than argue against, opinions with which we disagree. This behavior was on hilarious and hideous display last November with the publication of Oliver Hudson's '14 now classic Herald opinions column on the immorality of universal suffrage ("Universal suffrage is immoral," Nov. 13). Now to some, it probably seems silly to even argue with Hudson's position. Maybe, some think, our devotion to universal democracy should just be settled and accepted, and those who stand in opposition to such a fundamental idea should be ignored. Maybe it simply doesn't feel worth it to waste time arguing with one ridiculous opinion. I un-

accordingly by opposing them if we find them to be wrong.

Secondly, we often yield to political calculation. In the ugly, unsettled no man's land of political argumentation, when the other side seems so unerringly evil and wrong and our side seems so completely moral and right, it is incredibly easy to become unyielding and intransigent. Furthermore, it takes no effort whatsoever to slip into a position from which we sling zingers, half-truths and hatred at the other side so that we can win the political battle of the day. Needless to say, this violates the Millian principle above, as it becomes impossible

Why does the government have a say in love?



OLIVER HUDSON
OPINIONS COLUMNIST

Recently, same-sex marriage has made news headlines. In March, the Supreme Court heard oral arguments in *Hollingsworth v. Perry*, which challenges California's heterosexual definition of marriage, and *United States v. Windsor*, which challenges the Defense of Marriage Act's restriction of federal benefits to heterosexual unions. On Election Day 2012, citizens of Maine, Maryland and Washington voted to legalize same-sex marriage. Republican Senator Rob Portman of Ohio, once a staunch opponent of same-sex marriage, publicly endorsed it in March.

In addition to this recent momentum, public opinion has shifted over the last decade in favor of allowing same-sex marriage. The Pew Research Center reports that in 2003, only 33 percent of Americans supported same-sex marriage, while in 2013, 49 percent of Americans support same-sex marriage.

The fate of same-sex marriage will be decided in the courts, legislatures and the forum of public opinion. But why? Marriage is a private matter affecting only the persons in the marriage and their children. What marriage is, whom it is between and how it is preformed should be the choices of individuals, made on a case-by-case basis.

The United States was born out of a movement for greater liberty for the in-

dividual. As the Declaration of Independence states, Americans would not live at the whim of a king, but instead individuals would be granted "Life, Liberty and the pursuit of Happiness." Liberty, though, does not simply mean the right to do anything. Liberty does not give you the right to murder. Liberty means the freedom to act as you choose, so long as that action does not harm someone else. Political philosopher John Stuart Mill defined liberty this way as the "no harm principle" less than a century after the American founding.

it federal, state or local — should not have the power to ban same-sex marriage. Protecting the right to same-sex marriage amounts to a fundamental American principle, no different from protecting freedom of speech or freedom of religion.

One of the strongest arguments against same-sex marriage is that children of homosexual couples may not develop emotionally as well as children of heterosexual marriages. That may well be true. Evidence for both sides of the argument exists, but neither side's evidence is strong enough to be conclusive. But even if same-sex

velop heart problems, learning difficulties and other health issues. Yet it is not illegal for a woman to drink while pregnant, nor should it be. So long as others are not harmed, liberty protects the foolish choices as well as wise choices. Thus, it may be that same-sex marriages are not developmentally healthy for children, but that is no basis to ban them.

Ideally, the state should have no business in marriage, same-sex or otherwise. The state should not distribute benefits to marriage or need to define marriage. But since the government is already in the business of regulating marriage, it should not discriminate against certain people's desires to marry.

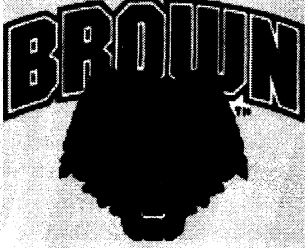
It seems humane and logical that the government ought to leave decisions of love and marriage to the individual. But why do many of us get upset over government's ban of same-sex marriage, but not over the countless other personal freedoms intruded on by government? Why do we not oppose Obamacare's mandate to buy insurance? Why do we not oppose laws banning online poker? Why do we not oppose laws requiring use of seatbelts and helmets? In general, why is it that we are only outraged against some violations of liberty but not all violations of liberty? If we are to live in the land of the free, we as citizens must stand up for the whole nine yards of liberty.

Protecting the rights to same-sex marriage amounts to a fundamental American principle, no different from protecting freedom of speech or freedom of religion.

What greater act of liberty is there than the choice of with whom to spend the rest of one's life? Consistent with the "no harm principle," a union with someone does not harm the rights of others. Same-sex marriage does not infringe upon heterosexual marriage. My property is not damaged by same-sex marriage. My life is not threatened by same-sex marriage. Thus, given that marriage is an act of liberty that does not harm others, government — be

marriage caused harm to children, there would still be no justification for banning it. Since children are not yet adults, parents assume responsibility for them as they would for themselves. Engaging in actions that harm oneself or unintentionally harm one's child and no one else may not be advisable, but they should not be banned. For example, it is accepted medical understanding that a woman drinking while pregnant can cause the child to de-

Oliver Hudson '14 will advise you not to regularly drink 20-ounce sodas, but the choice is yours. He may be contacted at oliver_hudson@brown.edu.

 SPRING BREAK SCOREBOARD	BASEBALL	W. LACROSSE	M. LACROSSE	M. TENNIS	SOFTBALL
	Cornell 6 Brown 1	Brown 9 USC 8 (3 OT)	Brown 21 High Point 8	Brown 5 FAU 2	Delaware State Invitational
	Cornell 4 Brown 1	Brown 14 St. Mary's 3	North Carolina 18 Brown 12	South Florida 5 Brown 2	Brown 5 Lafayette 1
	Princeton 3 Brown 1	Dartmouth 8 Brown 7	Princeton 15 Brown 8	Brown 5 Bryant 2	Colgate 3 Brown 2
	Princeton 3 Brown 1	W. GOLF 12th place @ Low Country Intercollegiate	Princeton 15 Brown 8	W. TENNIS U. Miami 6 Brown 1	Brown 3 Delaware St. 1
			M. GOLF 11th place @ Anteater Invitational	Brown 6 FIU 1	Lafayette 10 Brown 4
					Colgate 4 Brown 3

M. BASEBALL

Bruno emerges winless in Ivy League play over the weekend

After lackluster doubleheaders, the Bears look to improve hitting for their first home game

By **GEORGE SANCHEZ**
CONTRIBUTING WRITER

The baseball team was winless on the road in a pair of doubleheaders against Cornell and Princeton this past weekend. The Big Red swept the Bears 6-1 and 4-1, and the Tigers earned two 3-1 victories.

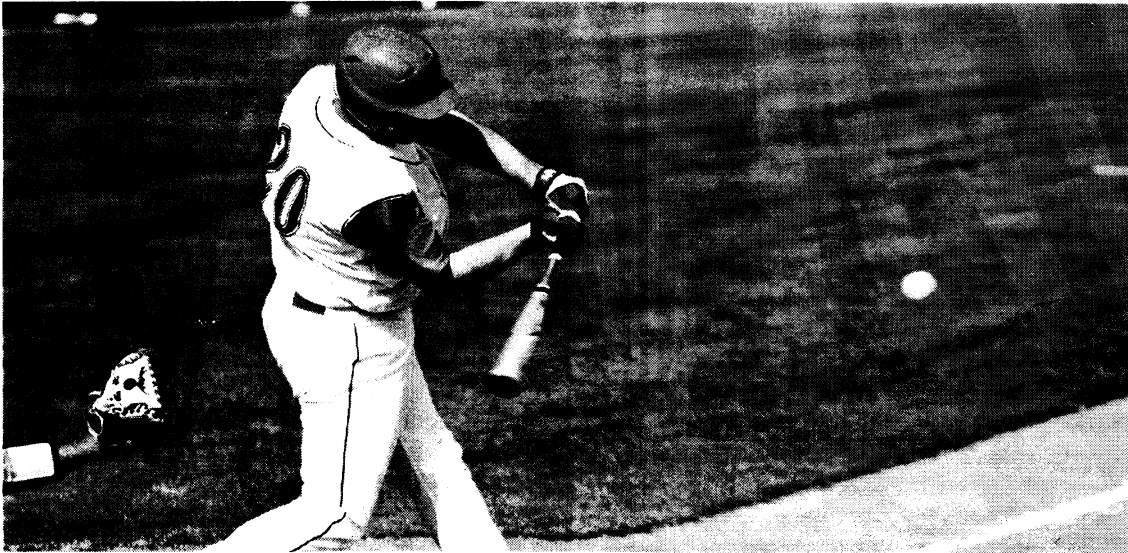
In the opening game of the doubleheader against Cornell (15-7, Ivy 3-1), the Bears (2-15, 0-4) trailed early as the Big Red scored four runs in the first inning. Bruno scored its

first run of the game in the third inning when Cody Slaughter '13 drove in J.J. Franco '14 with an RBI single. Slaughter was consistent at the plate over the weekend, accumulating five hits in 12 at-bats.

"His performance has been solid," said Head Coach Marek Drabinski. "We could trust him and count on him for big hits."

Cornell scored two more runs in the sixth, building a five-run advantage. Cornell's starting pitcher Nick Busto limited Bruno's faltering offense — scattering six hits over seven innings, while only surrendering one run.

In the second game of the doubleheader, the Bears' starting pitcher Dave St. Lawrence '15, the Bears' starting pitcher



HERALD FILE PHOTO

Despite the losses, two players stood out this past weekend. Cody Slaughter '13 had a consistent performance at the plate and Dave St. Lawrence '15, the Bears' starting pitcher, helped keep the games within reach.

W. LACROSSE

Bears take two of three matches over spring break

Bruno won big against its non-conference opponents but fell to No. 15 Dartmouth

By **HALEY ALVAREZ**
CONTRIBUTING WRITER

The women's lacrosse team played three games over spring break, defeating St. Mary's College and the University of Southern California and falling to Dartmouth.

The Bears won a suspenseful game against USC with a goal by co-captain Bre Hudgins '14 in the last 15 seconds of the third overtime to make the final score 9-8. USC (5-8) took the first half of the game leading the Bears (7-2, Ivy League 1-2) by four goals until the final minute when Danielle Mastro '14 scored to narrow the margin to 6-3 before halftime.

"As a group we had each other's back and played fearlessly in that game," Hudgins said. "Being able to come out on top after going into half-time down 3 goals took a full team effort and everyone did their jobs to help us be successful."

Bruno came out with a bang in the second half with two goals by Hudgins and one by Alyssa DiBona '15 with less than 20 minutes left, evening the score at 6-6.

After a



HERALD FILE PHOTO

Bruno won two of three suspenseful games over break. After a close win against USC and another victory against St. Mary's, the women's lacrosse team was finally stopped by the Big Green.