

license next week and another is set to close after this weekend. Iowa City Police Chief Sam Hargadine has recommended that the Iowa City City Council deny the renewal of the Summit's liquor license at its next meeting on Nov. 7, according to city documents. Hargadine cited Porter's reported

rate lawsuits from Southgate Construction LLC and Corridor State Bank for failing to make payments on several loans totaling more than \$400,000. Porter also defaulted on a loan from the



Hargadine
police chief

Since May, Porter has filed bankruptcy for Vito's and Sauce, his downtown liquor store. Hargadine's memo includes a litany of Porter's legal and financial woes, citing four previous incidents involving serving alcohol to minors and money owed to both Iowa City and the IRS. "It is clear there is a failure by Mr. Porter and a number of

demonstrating financial responsibility and financial viability," Hargadine said. Under Iowa law, bar owners must remain in "good moral standing" to keep their licenses. Councilor Mike Wright said he fully supports Hargadine's recommendation.

SEE SUMMIT, 6

ials hope to
owned apart-
near Burge
students next
se overcrowd-



Stange
director

s building to
dents hoping
s year, rough-
in the Lodge
f campus.
irector Von
to lease the
e large fresh-
will serve the

CENTERSTONE, 3

S

icals

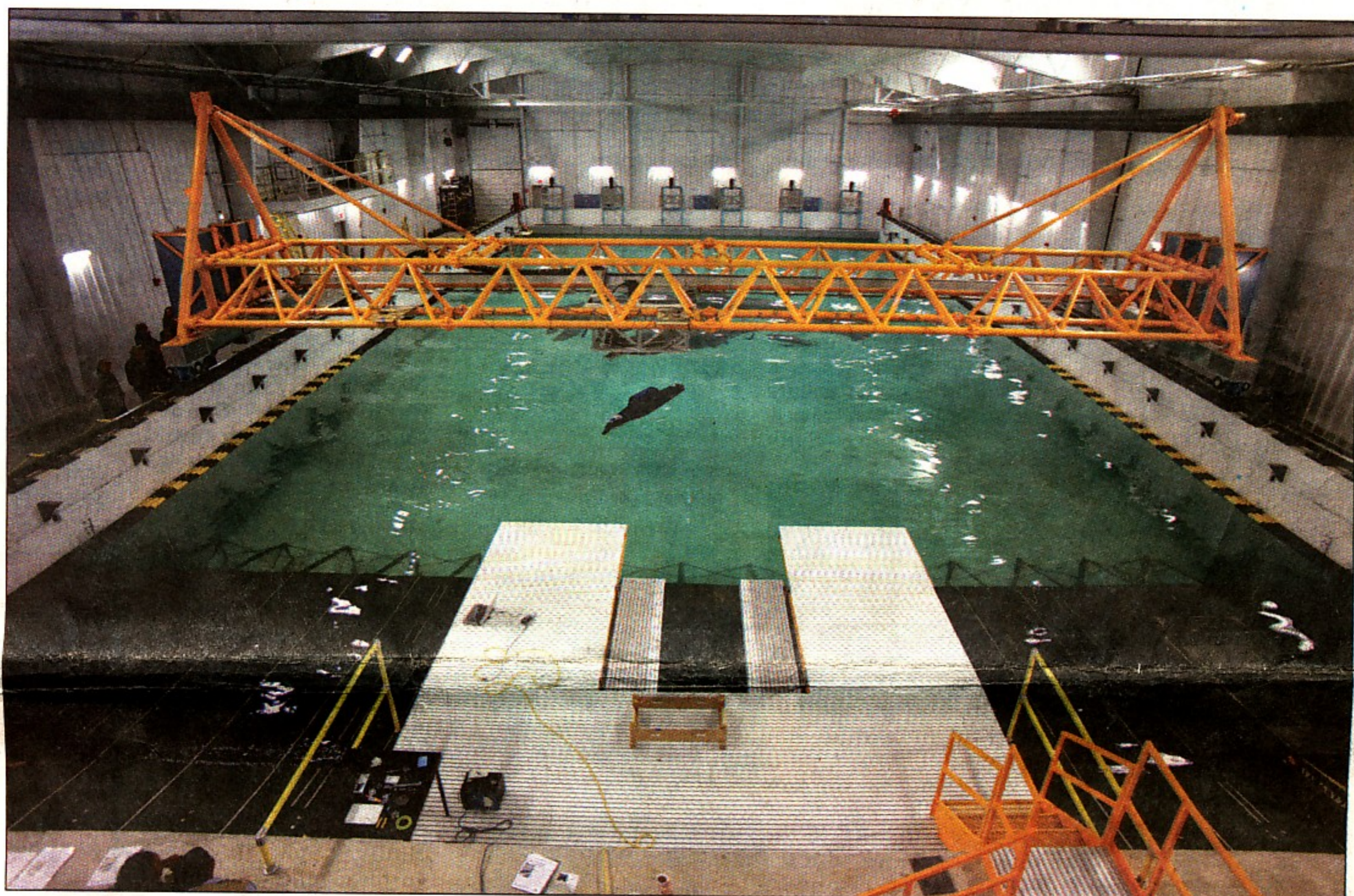
s view
als as a
a tight

re requesting
employees this
n lawmakers
to some pro-
rators.



ates
professor

rom 107 in
documents
the agenda



MOHAMMED ALHADAB/THE DAILY IOWAN

A 10-foot long naval vessel navigates the UI's new \$4.9 million wave basin on Thursday. The pool is the first of its kind in the world; it is used to measure the seaworthiness of a naval craft.

UI, Navy team up in wave action

The Navy has partnered with the UI on tests since the 1960s.

By **MAX FREUND**
maxwell-freund@uiowa.edu

A sleek black naval vessel rocked against increasingly strong waves. Maneuvering through choppy water, the craft turned slowly and hastened back to shore.

But the ship was only about 10 feet long — and it was being buffeted by 1-foot waves

DAILYIOWAN.COM



Log on to check out a photo slide show and video of the new wave basin.

in the University of Iowa's new \$4.9 million wave basin.

The massive 20-by-40-meter pool — emblazoned with the world's largest Tigerhawk logo — is the first of its kind in the

world. It is used to measure the seaworthiness of naval craft. The U.S. Office of Naval Research contributed \$3 million to the project.

"This is a world first in terms of ship-hydrodynamics basins," said Larry Weber, the director of Iowa Institute of Hydraulic Research-Hydroscience and Engineering. "It allows us to do free model

tests, so the ships we test here are remotely controlled and will navigate around in normal motions that a naval surface destroyer would do."

The new facility allows researchers unprecedented control in how they can create different conditions for ships and measure the results.

SEE BASIN, 3

Number of UI arrests up sharply

Officials point to increased downtown enforcement and tailgating regulations as reasons for increases in alcohol-related charges.

By **SAM LANE**
samuel-lane@uiowa.edu

1 to Sept. 30 have increased by 117.8 percent — from 370 in

that UI students were only responsible for 255 of this

Data also shows the number

News

Stone

to lease the
starting next fall:
1/131 E.

\$60 for first year
st 2011 to July
option for a

To accommo-
dation who
in the dorms

Housing Director Von
rd of Regents proposal

we appreciate
we are being
and trying to
anent space
students as
aid. "Overall,
yone agrees
ct that the
ts we have in
using the bet-
e, and I think
pportive of

bert Downer
expects the
the proposal.
aid he does
e the project
y funding

that this is a
y to meet
additional
re new resi-
et built, so I
that it's not
e a huge rev-
ne way or the

als

of career
awards at
past six

ing approval by the
e Board of Regents
of Regents agenda

nt for faculty
y spend con-

other," he said.

The UI is considering leasing additional properties near campus to house students, Stange said. Officials do not yet know whether Centerstone will replace or supplement the Lodge next year.

The UI part of the Lodge houses transfer and international students. Stange indicated the Centerstone complex will also not be used to house incoming freshmen. It will, like the Lodge, be managed by resident assistants.

It could also be used as an extension of Daum to house returning Honors students, Stange said.

Current residents in Centerstone were surprised to be notified Nov. 9 that they cannot renew their leases.

"It's kind of frustrating because we've lived in this apartment for two years now, and we have to go find another apartment and deal with all that," said UI junior Evan Kander.

Officials from the University of Northern Iowa and Iowa State University said they have not leased a building from a private company, primarily because they have not seen as strong a demand for housing.

the Office of the Provost. From there, requests are sent to the regents for their approval.

As for the GOP's ideas for cutting costs, Dove said eliminating sabbaticals "doesn't make sense."

"If you look at what are the results that are altered by [career development awards], it's research work that's turned right back into the classroom," he said. "It's a tremendous benefit for students and Iowa."

And Dove said he as

BASIN

CONTINUED FROM 1

The ship models are shrunk down 50 times smaller than their real-life counterparts, so the 1-foot waves simulate 50-foot swells. They are remotely controlled to perform naval maneuvers such as zigzags, turning circles, and spirals. A bright gold 8-ton crane follows the craft from above the pool, allowing for minutely specific measurements of wave trajectories.

The tests are meant to measure a ship's ability to move through rough or calm waters without capsizing using certain computer codes, said Frederick Stern, a UI professor of mechanical and industrial engineering.

And these tests can save lives.

"If you are out in heavy seas, the smaller ships get tossed around a lot," said Randy Miller, a Navy veteran who was stationed on an aircraft carrier and served from 1973-75. "I have heard of people having to tie themselves down during a really bad one."

The facility, located in the University of Iowa Research Park, was finished in August, and for the past few months, it has undergone calibration tests. While the stability testing will soon begin, Weber said the data gathered from experiments can also be used to calculate a ship's detectability in the water.

The model being tested at Thursday's demonstration was a \$55,000 tumblehome hull ship, whose design incorporates much of the Stealth bomber's shape, which the Navy



MOHAMMED ALHADAB/THE DAILY IOWAN

UI postdoctoral research scholar Masaaki Sano prepares to test a scale-model ship in the new basin pool on Thursday.

UI and the U.S. Navy

The University of Iowa has a new wave facility used to test the seaworthiness of naval craft:

- The UI has partnered with the U. S. Navy since 1960.
- The university had a previous facility for testing forward and backward movement of vessels.
- Navy donated \$3 million.
- New facility will allow ships to be tested in a variety of movements.

Source: Larry Weber, the director of Iowa Institute of Hydraulic Research - Hydrosience and Engineering

hopes will make it less detectable to sonar and radar, Weber said.

Masaaki Sano, a postdoctoral UI student from Japan, waded into the light blue water, guiding the

model out into the blue with a remote control.

"I think it is fantastic; I am very happy to work here," said Sano, who can control everything from the path of the craft to the frequency, velocity, and strength of the waves it encounters. "The size of the basin is not so large, but we can do many tests here."

Adam Connell, who spent five years in the Navy, said he has seen 30-foot swells while on frigate ships — some of the smallest in the Navy. The researchers' work could be extremely valuable, he said.

"[It's] definitely very cool for that new test facility, because you do not want to build \$1 billion warships and not be able to use them to their full capacity," he said.

The Daily Iowan

NEWSPAPER • ONLINE • TELEVISION

is accepting applications for the following spring semester positions:

- Reporters
- Photographers
- TV Staffers
- Designers

want to hook-up?