

## Books & Bytes

Provided by  
UNB Libraries

Hunting for a book in one of our libraries? The best place to start is by using Quest, the online catalogue shared by all libraries at UNB.

Learning a few tried-and-true search tips and doing some practice searches on Quest can help you avoid the hassle of wandering through the library stacks in desperation as a big deadline looms.

### Using the Quest Catalogue

To access Quest, type the URL for the library [www.lib.unb.ca](http://www.lib.unb.ca) into your internet browser. This will open the UNB Libraries' home page. Select the link "find books and other materials" and then click on Quest.

Once you have opened the catalogue, you will be able to search for books, print journals, maps, newspapers, multi-media, technical reports, and theses. Try using the "Power Search" option; you may prefer it to our "Quick Search" screen.

Quest is available to you 24/7 wherever you search the web.

Want to renew your books from home?

You can! Click on Quest's "User Services" button which will allow you to view the books you've checked out and/or renew them if you'd like. You will be asked to login with your email ID and PIN.

### Need some "hands on" practice?

Try using UNBLIT, our new online tutorial, or register for a "hands on" Quest session from our Cool Tools @ UNB Libraries series. Links to both are available on our library home page at [www.lib.unb.ca](http://www.lib.unb.ca).

You can also drop by your favourite UNB Library if you need any help.

## Robot gives Jesus run for His money

by Brendan Doyle

Carnegie Mellon engineering assistant professor Metin Sitti and his research team have designed and built a robot that walks on water. Taking cues from nature, the team tried to mimic the technique used by insects to skim across water at speeds up to 1 metre per second.

Commonly known as water skimmers, the insects are not heavy enough to break the water's surface tension, which allows them to float. It wasn't until last year that scientists

finally discovered how they travel.

Researchers showed that the insects bend the water without breaking the surface tension just enough to create valleys in the water's surface. As the water springs back into place, the insect is propelled forward.

Sitti's robot, powered by three small piezoelectric actuators that change shape when electricity is applied to them, does just that. By using two of its limbs as oars, the robot is able to move backward and forward.

With files from BBC

## Textbook gets native history wrong

by K Brookland

A request to make changes in a new school history textbook has been sent to provincial governments in the Atlantic region.

Native chiefs from Atlantic Canada are demanding major changes to the book. They claim it contains serious errors and omissions about Aboriginal history in the region.

Changes could be easily made, as "Changing Your World" has yet to be published.

The text was developed with help from education departments across Atlantic Canada, including extensive work by Prince Edward Island education officials.

The Atlantic Policy Congress of First Nation Chiefs says the authors of the schoolbook should have consulted

with native historians.

Congress executive director John G. Paul says the problems are obvious and disconcerting. For example, the book contains a map of First Nations communities in the region, but does not include the Mi'kmaq in New Brunswick. They also did not include the Mi'kmaq in Quebec.

"There was a lot of things in the text that we had concerns about. We want to make sure that information provided to young people in Atlantic Canada about us is correct, so they don't grow up to have stereotypical perceptions about who we are as a people," Paul says.

The APC has conducted a line-by-line edit of the book, and has written dozens of revisions.

A request to make the changes has been sent to the provincial governments in the region.

With files from CBC

## Crime wave hits

Police have a busy week, catching a syringe-wielding thief and raiding a drug house

by Brian Mumford

The Fredericton Police Department apprehended the drugs September 8, but the paraphernalia was slightly more elusive.

During the evening, police searched a St. Mary's street residence. They seized quantities of oxycontin and dilaudid, and a substantial amount of cash.

Several firearms and ammunition were also confiscated for improper storage. One man was arrested, taken to jail, and later released upon promising to appear in court. The man will be charged with possession with intent to traffic. He will also be charged with unsafe storage of firearms and violating a prohibition order.

In another case, Michael Ronald Martin, who was allegedly armed with a needle, robbed a taxi driver and stole his cab around midnight. Two hours later he robbed the Brookside Irving Mainway with a syringe. In both cases he claimed the needle was infected with AIDS. He took all of the bills and large coins. He left without incident and fled westward on a walking trail.

Martin, a 27 year old man from Oromocto, appeared in Fredericton Provincial Court the morning of September 11. He is charged with both robberies and will appear at a showcase hearing the morning of September 13.

## Charlotte St. School may be arts centre

by K Brookland

For only \$1, Fredericton Arts and Learning (FAL) can buy the Charlotte Street School from the Province.

The school is theirs if FAL can raise the funds needed for the renovations the building needs.

The organization plans to use the old school building as a community-oriented arts centre.

New Brunswick's Lieutenant Governor, The Honourable Herménégilde Chiasson, will assume the role of Honorary Chair of FAL to demonstrate his support for the organization's proposed arts centre. "Cultural centres such as this have proven successful in other cities across Canada," said Chiasson.

Chiasson is one of the founding members of the Centre Culturel Aberdeen, which was established in the early 1980s in Moncton. That centre has since grown to become a thriving cultural attraction, with more than 50,000 visitors attending events, exhibits, and attractions annually.

The Lieutenant Governor has also donated one of his original works of art to the fundraising auction planned for Friday, September 24<sup>th</sup> as part of FAL's Arts Gala.

All proceeds from the Arts Gala and auction will support renovations to the Charlotte Street School.

FAL has raised \$90,000 thus far and is expecting decisions shortly on two sources of substantial federal assistance that could facilitate the opening of the arts centre as early as next spring.

## Dr. Richard E. Lee Optometrist

406A Regent St. 458-1580

(2 buildings past Harvey's Hamburgers)

New Patients Welcome

Cool Tools @ UNB Libraries

### LIBRARY DATABASE ESSENTIALS

Learn how to find articles using UNB's vast selection of online databases—available to you 24/7

Wednesday Sept. 22nd from 2:30 to 3:30 pm in the Harriet Irving Library, Room 112

Details and registration: <http://www.unb.ca/ctd/>

## New doc on campus

by Sarah King

Tired of waiting for hours at a walk-in clinic or weeks to get an appointment?

UNB students will soon have their wait times at the Student Health Centre shortened.

Fredericton native Dr. Jane Smith, the newest appointment to the Student Health Centre, begins her tenure at the end of September.

Smith has been appointed to relieve some of the stress put on Drs. Joanne Majerovich, Alban Martin, and Bonita Boone, and to shorten waiting times for students.

The Centre is located in Tibbits East (at the very end of the parking lot) and hours of operation are from 8:30 a.m. to 4:00 p.m. For further information, please call 453 4837.

## UNBF gets new IR director

by Bruns Staff

Professor Ted Robak, Faculty of Forestry and Environmental Management, was appointed director of International Relations on the UNB Fredericton campus effective the 1<sup>st</sup> of September.

He will extend the past work of Professor Peter Kent in developing a unified approach to international activity at UNBF.

The ongoing work of the International Student Advisor, Kay Nandall, will complement the new Office of International Relations, which will work cooperatively with activity at UNBSJ as well.

## Look out! Here comes Spider-Man

by Brendan Doyle

Researchers at the University of Manchester reported last month that they have duplicated the structure of gecko skin in a piece of adhesive tape that contains billions of tiny plastic hairs, each just a billionth of a metre long.

Gecko digits are covered by millions of hairs, called setae, that bond with any surface, allowing them to walk on walls, ceilings, and anywhere your friendly neighbourhood Spider-Man would go. The setae branch off into over 1,000 even thinner stalks that end in flat, bacteria-sized caps called spatulae.

Geckos make use of a weak molecular attractive force known as the van der Waals force. Van der Waals attraction is an electrodynamic force that acts between molecules that are in very close proximity to each other. This force is much too small for humans to notice, but the theory suggests that if enough

of the gecko's setae are in close enough contact with a surface, they will stick together.

Professor Geim of the University of Manchester and his team decided against making enough of the tape to allow a student to hang off an exterior wall, not because of safety reasons, but because the tape is so expensive to produce. Much to the chagrin of wall-crawler fans worldwide, the tape is not yet available to consumers.

In an experiment to demonstrate the van der Waals force as geckos use it, synthetic setae were tested against a variety of surfaces, showing that the attraction was independent of the surface texture. Though consumer applications may be decades away, doors have been opened for a variety of uses, including clothing that can be instantly altered, shoes and tires with unusually strong grip, and wigs and toupees that stay where they're supposed to. Still no word on a Spidey suit, though.

With files from BBC

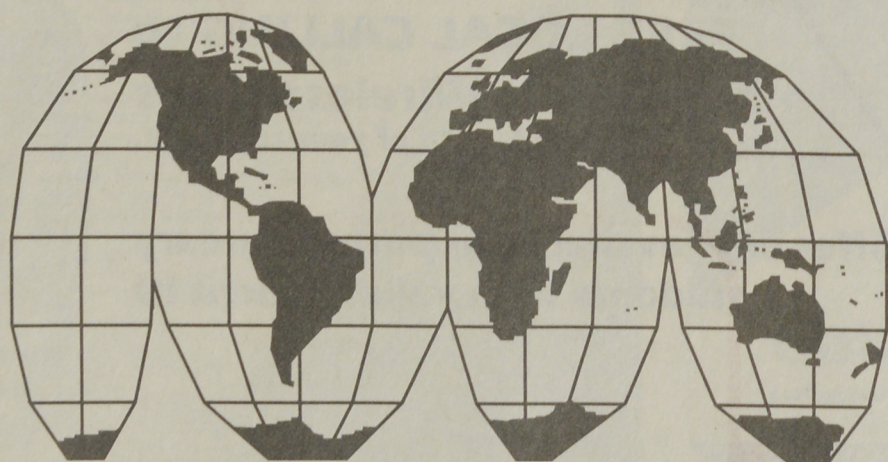
# ELECTIONS

For News Editor  
will take place on  
Wed Sept 29

All interested parties should contact  
Patrick Reinartz  
Editor-in-chief  
453-4983

## All New International Students, International Students' Groups & Executives are invited to attend the

Orientation for New International Students  
Wednesday: September 15th  
6:30 p.m. - 9:30 p.m.  
Alumni Memorial Building Lounge



Presented by  
International Student Advisor/CIDA  
Coordinators Office

Refreshments will be served

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