

News of the University Community/Spring 1978



Brock 3

Cover: The Brock Tower, one week before spring. This and other photographs are the work of Divino Mucciante, Brock photographer.

Brock 3

Spring 1978

Commentary

In this issue you will meet Ernie Marsh, a member of the university's Board of Trustees.

A lot of people in the Niagara peninsula know Ernie as a churchman, businessman, horseman, sportsfan, or volunteer. He is one of those dedicated people who takes part in so many endeavours that his name becomes part of the community. But, few know his total commitment.

By introducing you to Ernie Marsh, we have tried to introduce you to the type of people from Niagara who serve as members of the Board. They are all active community leaders who find time in their already-busy schedules to aid in the planning and the policies of this university.

Lately, the provincial government has tightened the thumb screws on university financing to the point of agony. Questions are being raised about the future of educational institutions. It is encouraging to know that Brock, once founded by active community concern, is still supported and guided by community volunteers like Ernie Marsh.

And, with that level of support, can there be any doubt about our future?

Doug Geddie.

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Having fun is serious business

Some kids have to work very hard at having fun. They have more than enough energy and enthusiasm; but, they also have a handicap that keeps them from playing or learning like other children. What they need, most of all, are hard working teachers who can help them to overcome their disabilities.

Since early last fall, a lot of those special teachers have been coming from Brock's School of Physical Education.

As an integral part of the "Physical education for exceptional children" course, more than 90 students each term work in schools, nurseries and special institutions throughout the peninsula. The program, now a compulsory component of the third year curriculum, is the brainchild of faculty member Dr. Jane Evans.

Jane began her work with the mentally and physically handicapped eight years ago while teaching at the University of Manitoba. Establishing a similar course at Brock was only natural. "Now, ours is unique in that it focuses on children," she points out. "It is easier to be exposed to children's programs. And that's where remediation has to start."

"With the integration of handicapped children into the education mainstream," explains Jane, "we must have people prepared to teach them. And there is a lot of work to be done with the 'normal' children who must learn to accept their 'different' classmates."

Getting Brock students into the schools was no problem. "I took a month last year and went around and saw everyone involved. How did they respond? They just said, Send them!" One woman alone requested 54 student assistants.

But how did the phys.ed. majors accept the assignment? Jane literally beams when she says, "Some students have really found themselves. Paper after paper would say, I was really nervous in the beginning, and would finish off saying that they had come to see the child behind the handicap. When asked if they benefitted from the experience, they all said, Yes, yes, yes!"

Before going into the community gyms and schools, the students learn about the various disabilities and develop appropriate teaching strategies. "We work on a lecture/lab format," Jane says. Her would-be teachers go from the classroom onto the gym floor, and "assume the role of the handicapped child." They learn how difficult it is for a palsied child to walk or run, and the everyday problems faced by people confined to wheelchairs. Blindfolds are used to help them appreciate the special needs and fears of sightless children.

All activities are movement-based, because, as Jane has learned, "Movement is so visible. A child can hide his or her intelligence, but, if you can get the physical area going, it will act as a catalyst for other areas."

Actual teaching programs include individual instruction in muscular activity, motor skills, and group instruction in games and dance. Some teachers work at the Niagara Peninsula Crippled Children's Centre; others organize swimming and skating lessons; wheelchair dances; or special recreation days for ARC Industries and a school for



emotionally disturbed boys. "Our people are very committed," Jane is proud to say. "Some kids wouldn't have physical education if our students didn't show."

In many ways, the Brock students benefit just as much as their special young friends. The insight and experience they gain helps them to make career goal choices, and in a practical way broadens

their employment opportunities. "With teaching the way it is, we have to get out of the institutional tunnel," Jane insists. "I think people who can teach handicapped children can teach the classroom teacher a lot." At the very least, it makes students "aware of humanity, and how fortunate they are not to have a handicap." ■

Brock students use games to teach special children concepts like up, under, down and over

Ernie Marsh, a man of commitments

Ernie Marsh converses like Menhuin fiddles: like a master. Whether he is talking about hockey, horses, his engineering firm or his work as chairman of the finance committee of Brock's Board of Trustees, his anecdotes and experiences make for captivating listening. Five minutes can easily stretch into five hours and you will have only scratched the surface of this charming, accomplished individual.

One of his favourite expressions is "Let's go for it!", and that typifies his enthusiasm for new challenges. Marsh has a sixth sense for potential; you know he will be busy 'doing' while other people are still dithering about possible courses of action.

His personal history is the best example of this capacity for determined hard work. The Port Colborne native has experience with a brokerage, banks and a local newspaper. In those early pre-adding machine days, he started off as a ledger clerk. "At that time, they didn't take just anyone off the streets and stick him or her in a teller's cage," Ernie says. "You had to work your way up for about two or three years." He then completed a business administration course, and jumped completely afield by joining the reporting staff of the Welland Tribune.

"I think you learn a lot in any job you have," he insists. "Working on The Trib taught me to listen, it taught me to observe, and it taught me to retain."

Business and financial acumen brought Ernie Marsh to the firm of F. Woods and Sons in 1936. Originally a blacksmith's shop, the Port Colborne company had grown with the Welland Canal, servicing schooners, steamers, and even shoeing the horses that towed vessels through the locks. Ernie Marsh eventually purchased the firm in 1950, and has successfully guided the company through to the diesel and turbine eras of today. Marsh Engineering is now a renowned machining and fabricating plant that can rebuild a bearing as thoroughly as it can overhaul one of those massive turbine engines.

Ernie Marsh is special to Port Colborne as much more than a successful businessman and employer. By the late 1940's it became obvious that the community needed its own hospital. Ernie spearheaded the fundraising campaign and proudly took part in the opening ceremonies of February 1951. His

subsequent financial and investment advice has helped the institution to maintain a stable, balanced budget that is rare for a public service institution of its size. "We have never had a deficit," he exclaims. "In fact, we're constantly underbudget. If we only have enough money for seven days, then we only spend the money for seven days."

When community members later identified the need for a local arena, Ernie Marsh's enthusiasm for sports came to the fore and he set up the appropriate planning committee. "At first, the city fathers didn't want any part of it," remembers Ernie. "Everyone was afraid we'd lose money. Why, we *made* money." Box office sales were more than brisk when he arranged for appearances by athletes like the Harlem Globetrotters and the Czech National junior hockey team.

Marsh enjoys sharing his experiences with you — not to boast and win praise, but to show you that your objectives should never be short-sighted. If there is a possibility for success, he is the first one to say "Let's find out about it".

This forthright honesty enables him to move comfortably in many circles. Ernie is out cheering with the best of them when his grandson plays minor hockey. He was very involved in the initial development of the Buffalo Sabres franchise: as Canadian representative for the Sabres organization, Ernie promoted the team, the tickets, and nurtured the Sabres fever that grips many Niagarans from September until May.

E. G. Marsh is a man of commitments, and this is most apparent when he introduces you to his home and his family. Sugarloaf Hill, a regional and marine landmark for more than a hundred years, is the focal point of Ernie's domestic life. The fifteen acre Sugarloaf Farm accommodates his son's family, his vacationing friends and his horses.

The original nineteenth century farm buildings stand just 1000 yards beyond the modernized stable (Ernie's design) that houses the Marsh quarterhorses. "We were racing for a while," he points out. "In fact, we were going to get into harness racing but they closed down Garden City Raceway." But racing horses comes a distant second to his love for riding. Ernie thrives in the saddle. This is the twenty-fifth consecutive year that he and his family have spent at least part of March at the same dude ranch in Arizona, "where the climate, the scenery and the riding are all tremendous."



Throughout the year, the Marsh home is both a showplace and a retreat. "It's just a few minutes away from the office," Ernie points out, "but once I'm here, it's a different world." Like the best of his stories, the lakeside house combines understatement and drama. The comfort and elegance of the rooms, however, are usually appreciated on your second visit — the first visit is dominated by The View. Whatever its mood, Lake Erie commands your attention. Yet the ships and animal life that highlight the summer season do not have the same visual impact as the frozen beauty of the winter landscape.

The spectacle of ice and snow is overwhelming — and somehow menacing. "We've had three bad storms in each of the last three years," remembers Ernie. "We had to contend with the snow in 1975, the ice storm in '76, and then the blizzard last year." With so much property exposed to the lake, he has had to invest a lot of energy and money into shoring up the land, replacing vegetation and repairing the grounds. But that is

characteristic of Ernie's approach to any challenge, environmental or otherwise.

His appetite for committee work seems endless. He was recently re-elected to the post of rector's warden in his church. He chairs the advisory board of the Welland branch of Guaranty Trust, and still finds time to serve as a member of the provincial government's Environmental Appeal Board.

A Brock trustee for more than seven years, Ernie has brought to the Board a wide experience of organizational structures and a flair for investment management. His informed opinion of how the community-at-large views the university is invaluable in many decision-making situations. Brock has outgrown "its emerging period" Ernie believes, and he is optimistic about the university's future development. At present, he considers overcoming the deficit and organizing the construction of the Science Complex (a final addition to the East Block) to be his first priorities. They are challenges he embraces with open arms. ■

This issue marks the first appearance of our "Brock People" feature — a series of interviews with many different members of the Brock community. In upcoming months you will meet support staff, faculty and administrators and learn more about their public and private lives. Ernest G. Marsh of Port Colborne, Ontario, is a vice chairman of the Board of Trustees, and chairman of the Board's Finance Committee.

Getting ready for Gray Liberation

*I could be handy, mending a fuse
When your lights have gone.
You can knit a sweater by the fireside
Sunday morning go for a ride,
Doing the garden, digging for weeds
Who could ask for more.
Will you still need me, will you still feed me,
When I'm sixty-four.*
—Paul McCartney and John Lennon

If you ask John Parker, the only right way to retire is to plan for it. "For many people, retirement means being put on the shelf, and that attitude is something I want to get rid of. Retiring can be a very traumatic change unless people are ready to adapt, yet few people are prepared to make the transition smoothly."

John is the co-ordinator of the retirement planning course offered by the Regional Niagara Pre-Retirement Council. The program, which is "supported by much help in kind from Brock", consists of two-hour sessions one evening a week for nine weeks. Through lectures and informal discussions, participants touch on everything from finances to consumer protection for senior citizens.

Several years ago the Pre-Retirement Council identified a growing need for retirement counselling. After securing a New Horizons grant from the federal government, they advertised for a course co-ordinator. When John Parker read the ad, he had just retired to St. Catharines from his Bell Canada personnel position in Montreal. "I wanted to have something definite to do," John remembers. "The ad answered my need perfectly." The pilot course was offered in the autumn of 1975, and since that time more than 250 people have come several steps closer to a better retirement.

During his preliminary research, John became acquainted with six different pre-retirement courses being offered in Canada and the U.S.A. "Quite a lot of them only touched on the physical and material aspects," he says. "I believe that you have to treat the 'whole person'." The framework of courses he subsequently developed reflects this concern with the deeper implications of reaching retirement age. Subjects presented by the various experts include financial

planning, federal and provincial benefits available, legal matters, where to live, maintaining your health and the vital "but intangible" matter of an individual's philosophy of life.

Although investments and budgeting are "cleared away right at the start", John believes that they are not "as vital as one might think. While personal finances are often cited as the major problem, we find that people who are about to retire are deeply concerned about their new leisure time — they fear being 'put out to pasture'."

The course does not presume to provide all the answers. "The main purpose is to help individuals to plan," says John. "We try to give people all the components of each subject." During the discussion periods, participants share their ideas and their anxieties, and familiarize themselves with the "Contact List" of resource people and pertinent community agencies. "You learn more by doing than straight listening," he adds. "The people are all in it together, and we have a lot of fun."

For all that it may be youth-oriented, our society is rapidly aging. More than two million Canadians are now 65 or older, and that number will increase sharply as the 'baby boom' children grow closer and closer to retirement age. The Pre-Retirement Council recommends that individuals begin planning for their "new career" well in advance.

"We like to see it happen at least five years ahead," John advises. "The earlier you plan, the better. People should start considering their financial situation at 30."

In the United States, Atlas Steel and the Chrysler UAW are leading the way with their pre-retirement counselling programs. John would like to see major Canadian institutions follow suit. "I think employers should stress it, whether they offer it themselves or make sure their employees know about programs like ours."

Anyone who can make it through adolescence, their teens, the troubled twenties, the crises-laden thirties, the trauma of being forty and middle-aged climacteria should not be afraid of life after 60. If Sergeant Pepper can make provisions for his retirement, so can you. ■

Brock Alumni News

April 1978

"Beautify Brock"

If daffodils and crocuses are what you need to lift your spirits after the winter months, come back to campus and see what the efforts of Prof. Roberta Styran of the history department have achieved over the last two years.

When Prof. Styran returned from sabbatical in the fall of 1975 she noticed some of the grounds crew planting bulbs. The economic pinch was being felt even then, and there was little left in the budget to put towards these extras. So she decided to do something herself to beautify Brock.

After estimating the number of people on campus, Prof. Styran decided if she could persuade each person to give up one cup of coffee for one day there would be enough money raised to buy bulbs. The first Beautify Brock campaign was launched in the spring of 1976 with Anne Taylor organizing the faculty women for a one day blitz. She and Prof. Styran worked hard to make the money-raising event a success and \$340 was raised in the first year. Of this amount \$35 was donated by the faculty women and last year CUPE Local 1295 donated \$25 bringing 1977's grand total to \$369.

When speaking about this year's campaign, Prof. Styran says there has never been any off-campus publicity as she and her helpers felt it should be an effort directed at those who study and work on campus. And she has been thrilled with the response.

Donations in 1977 bought two royal maple trees, 200 crocuses and 125 daffodils for the lower campus, two royal maples, two thundercloud cherry trees, two purple leaf cherry trees, 200 crocuses and 250 daffodils for the DeCew campus, as well as replacing a dead scotch pine.

Alumni Hockey Help keep Brock rowing going

The Annual Alumni Hockey contest was held on Saturday, March 4th at the Garden City Arena. For the second consecutive year, the 1967-71 Alumni Team emerged as victors with a hard fought 7-5 win over the 1972-77 team. Mike Nicholson led the winners with three goals, Bruce Wormald had two and singles went to Tom McQuaig and Dick Overholt. For the 72-77 team, Lorne Adams matched Nicholson's output of three goals with singles going to Tom Nichols and John Nickerson.

Participants for the 67-71 Alumni included: Miller Hicks, Ron Powell, Mike Nicholson, Bruce Wormald, Brian Cain, Dick Overholt, Tom McQuaig, Rick Healey, Warren Baker, Bob Thompson and Tom Salter.

The 1972-77 team included: Brian Fraser, Lorne Adams, John Nickerson, Peter Hickey, Arnie Lowenberger, Glen Craig, Bob Davis, Garth Pickard, Ed Siuciak, Dave Burt, Eric Stevens and Tom Nichols.

Brock University Rowing Club is in need of some new equipment. The rowing club is asking all its alumni to contribute to the boat fund. Letters are being sent out asking for your support. If you have not received your letter but wish to contribute, Tony Biernacki will be happy to receive your cheque to Brock University Boat Fund. All you old oars out there help keep Brock rowing going!

Spring Convocation

Convocation will be held on June 2, 1978 in the physical education complex at 2 p.m. The registrar's office expects some 550 graduates will receive degrees and if you plan to attend, tickets may be obtained from Mrs. Dorothy Banting.

BROCK ALUMNI NEWS
April, 1978
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Details about the Pre-Retirement Council and its courses are available from the Office of Part Time Programs, 684-7201, ext. 477.

Going to California

The Alumni Association of the University of California, Riverside, has invited Canadian alumni to participate in their travel lodge program. The Alumni Travel Lodge, in its fourth year of operation, serves as a convenient base of operation where alumni can stay when they visit south California - or a convenient place to stay overnight while travelling. Visitors to the southern states during the summer months pay high rates in commercial facilities but at the Travel Lodge the cost is only \$7.95 per day per person. If you stay a week, you will only be charged for six days. And all the major tourist attractions are within one hour's drive, most within thirty minutes.

The Alumni Travel Lodge is located in facilities adjacent to UCR and used by faculty, staff and students. This is a university-owned complex called Bannockburn which features air-conditioned suites and apartments for individuals or families, tennis and volleyball courts, a swimming pool, sauna and weight room, barbecue area, laundry facilities, recreation room, sandwich shop and gift shops.

The Brock alumni office has a limited supply of brochures and application forms. If you wish to take advantage of this program, please write to Irene Stevens, Alumni Officer, or telephone 684-7201 extension 464.

Thinking of going abroad?

Brock, Ottawa, Queen's, Toronto and Windsor universities, through the OAAA, are working on a travel program with a Canadian travel consultant to offer trips later this year and early 1978 to Switzerland, Rio, the Orient and a cruise in the Caribbean. So get your passport in order and be on the look-out for further information coming your way shortly!

Obfuscation abounds

In these times of rapid change, language does not escape the remodeling inflicted upon it by not only poets and writers, but also by promotional people. Here are just a few of the "in" words and what they really mean, according to the editorial director of Design News.

"New" — different colour from previous design.

"All new" — parts not interchangeable with previous design.

"Fool-proof operation" — no provision for adjustment.

"Advanced design" — copywriter doesn't understand it.

"Rugged" — too heavy to lift.

With this in mind, we would like to suggest a few pertinent terms for higher education:

"We are the Harvard of the Midwest" — another way of saying "Let's pretend."

"Learn from an experienced faculty" — we've only been able to keep on those holding tenure.

"Our students represent all 50 states" — we have 12,000 students from our home state and one from each of the other 49.

"We're conveniently located near airports and freeways" — bring plenty of pocket money for the fifty-mile limousine ride from the airport, located near our exit from the freeway.

"Room and board costs are reasonable" — we make all our profits from our high tuition.

"Our small size guarantees you personal attention" — we don't offer very many courses like the big universities.

"Our large size guarantees you a wide selection of courses" — we don't offer the personal attention of the small colleges.

"Drinking is not allowed in dormitory lounges, classrooms, or other areas" — you can get smashed in the privacy of your dorm room.

- Taken from Great Lake District 5 Newsletter / Council for Advancement and Support of Education, Winter 1977

An explanation

There appears to have been some confusion about alumni cards. For those of you who have not yet purchased one perhaps the following explanation will encourage you to do so:

a) Cost - \$5. This is paid once only and the alumnus is not required to renew the card.

b) Reduced rates for use of the Physical Education Centre facilities, \$35 for the alumni card holder, plus an additional \$15 for a spouse.

c) Use of library facilities with the same borrowing privileges as students.

d) If a museum, art gallery or cultural exhibition offers reduced rates to students, the same privilege is extended to alumni card holders.

e) Reduced rates for some theatre productions on special occasions (i.e. for such events as may be held during Homecoming weekends).

f) Of the \$5, \$1 goes to the College of Education to cover the cost of laminating the card. The remaining \$4 goes into the Alumni Fund from which donations are made to the university for special items. Bursaries are awarded to needy students from the fund, as well as scholarships for academic excellence.

So if you have not already purchased a card, why not contact the alumni officer? She will be happy to process your application.

Distinguished salesman of the year award

Dave Fisk (74) has been nominated by the Upjohn Company of Canada for the 1977 distinguished salesman of the year award. Dave joined the company in January 1976 shortly after graduating from Brock. This past year Dave competed in a sales force made up of sixty-three representatives, and took the honors as top salesman of the year. He did this by ranking number one in both dollar sales gain as well as highest sales of special promotional products. This is quite an accomplishment when you consider Dave was also the leader in 1976. His goal in 1978 is to make it three-in-a-row for a hat trick.

Besides his outstanding sales performance Dave took the time to acquire a bride, Liz, and become the father of a baby boy, Derek, born November 27, 1977.

Tom Bremner moves to Alberta

Tom Bremner, until very recently an active member of the board of directors of the alumni association, has been transferred to the Edmonton office of the Steel Company of Canada. During his term of office Tom also served as chairman of the constitution committee and was instrumental in bringing the new constitution into being. His place as year representative on the board is being filled by Terri Kirwan (76) until the annual meeting in November. Terri has been serving as member-at-large for the past eighteen months. Lynda Beard (69) has accepted the interim chairmanship of the constitution committee.

Look out backgammon, checkers and chess: there is a new game in town, and on campus, that is winning away the loyalty of your former devotees. The name of the challenger? GO.

This is not some faddish upstart: GO has a long history that stretches back to the Japan and China of four and five thousand years ago. The first Brock players were mathematics professor John Mayberry, who was introduced to the game during a visit to Japan, and Mikio Chiba, a scientist at the Vineland Research Station who emigrated to Canada from Japan in 1962. When the two men discovered their mutual enthusiasm five years ago, they revived their passion for the game. Through the Japanese Club at the St. Catharines Multicultural Centre, Dr. Chiba established the GO club, which has grown to include more than 35 people.

GO is quintessentially Japanese. It is easy to understand; difficult to master. There are few rules, and after one session you can easily grasp the rudiments of the game. GO, however, is also an aesthetic experience, and must be embraced on many levels before you can derive the most from your playing. The official rulebook points the way.

A well-played game between two "modest" opponents, it insists, is equal to an "excellent work of art beyond the result of victory or defeat". In this way, a match should embody the "art of harmony" between players. It is not enough merely to win, the book emphasizes: "If we are excessively eager to gain a decisive victory without due consideration to our own technical skill, we more often than not will be sadly beaten in the end. "Ultimately, it means a fight against oneself."

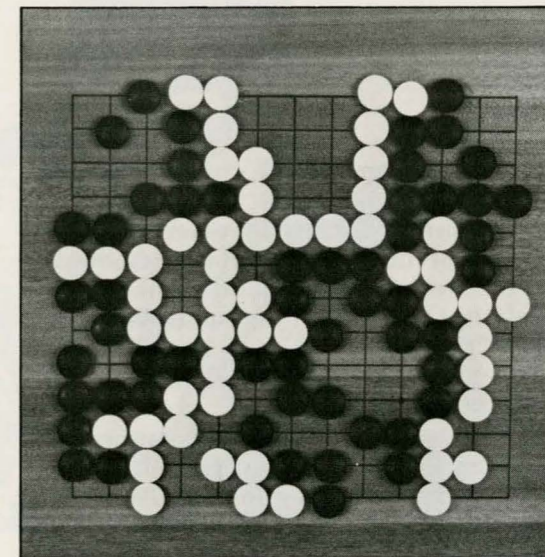
The actual how-to of the game is best described using military imagery. GO is essentially a territorial game — a contest for the control of space on a 19 by 19 inch board (junior-sized boards for beginners are 13 by 13). Two players manipulate a total of 361 'stones': one uses 181 black stones (the weaker player), and the other, 180 white stones. The game is actually a series of small battles. In each skirmish, you 'capture' territory by surrounding it, one stone at a time. If you successfully surround your opponent's stones, they become your prisoners.

"A territory must be completely enclosed so as to allow for no further invasion," Dr. Chiba explains. "In each situation, you must decide to stay and fight or run away."

GO is a game of strategy and creative logic; no two matches are the same. Although each game evolves differently,

"there is nothing haphazard about it," says computer science professor Ray Skilton. "It is up to you to interpret what's going on." Yet your opponent's intentions do not come as a total surprise. If only one move is needed to capture the opposition's stone, you call **atari** (translation: suicide), much the same way as a chess player announces 'check'.

GO is a game of subtleties. You must be on your mental toes at all times, because an obscure move made during the early stages of the game may prove to be your undoing. "We are like two snakes, trying to devour each other," one player says, "but sometimes we eat our own tail."



A beginner's game on a 13 by 13 inch board

Hank Roest, a local high school student, says GO is, "the most fascinating game I've ever played." When compared with GO, checkers and chess seem to be very limited and restrictive. Estimates of their respective game trees — the number of possible paths a player might pursue in one complete game — highlight this difference. In checkers, there are approximately 10^{40} game trees; in chess, 10^{120} ; and GO, more than 10^{719} .

"Your depth of enjoyment with GO is much greater," Dr. Chiba maintains. "In chess, one mistake is usually fatal. In GO, you may lose in one part of the board, but win the overall game. In this way, you can enjoy each individual situation."

Today, more than ten million players throughout the world are waging war over a GO board. Thanks to the system of handicap (extra) stones for weaker players, novices and experts alike enjoy playing each other at the utmost concentration.

GO does not intimidate prospective players — it invites and almost entices you with its spartan appearance and simple rules. But as Dr. Chiba says, "How to use the rules — that is the thing." ■

There's no stopping GO!

Isaac Who?

To use the vernacular, the university is having an identity crisis. Some people know what we are but not where; others are sure of the location but vague about our credentials; and a good number still think that this is a military college down east of Kingston.

But Sir Isaac Brock is helping to change all that.

Not the general himself, of course; his campaigning days ended abruptly back in 1812. Instead, the image and spirit of the Hero of Upper Canada have been recruited to help promote his namesake.

Through the efforts of the Liaison and Information office, Sir Isaac's face is highlighting posters, pamphlets, handbooks and magazine advertisements that are distributed to all Ontario high schools and universities. The arresting graphics and bold headlines fulfill two functions: as they draw attention to specific programs or courses, they also help to create a new awareness of the name and the institution.

Declining enrolments have made college and university administrators very conscious of the need to advertise, and advertise effectively. Yet, in their haste to recruit new students, some universities have resorted to gimmicks that you usually associate with the selling of cars or roll-on deodorants. Doug Geddie, Brock's director of liaison and information, thinks that the updated Sir Isaac creates interest and excitement without sacrificing the university's dignity.

The General made a dramatic debut last September on a full colour "Isaac Brock Wants YOU" poster, a tongue-in-cheek spin-off of the World War I recruitment signs. The response was tremendous. Of the more than 650

schools that received copies, an unprecedented 20 per cent have asked for more. Doug has answered requests from students, teachers and counsellors from Meaford to Manitowadge, Stoney Creek to Sudbury.

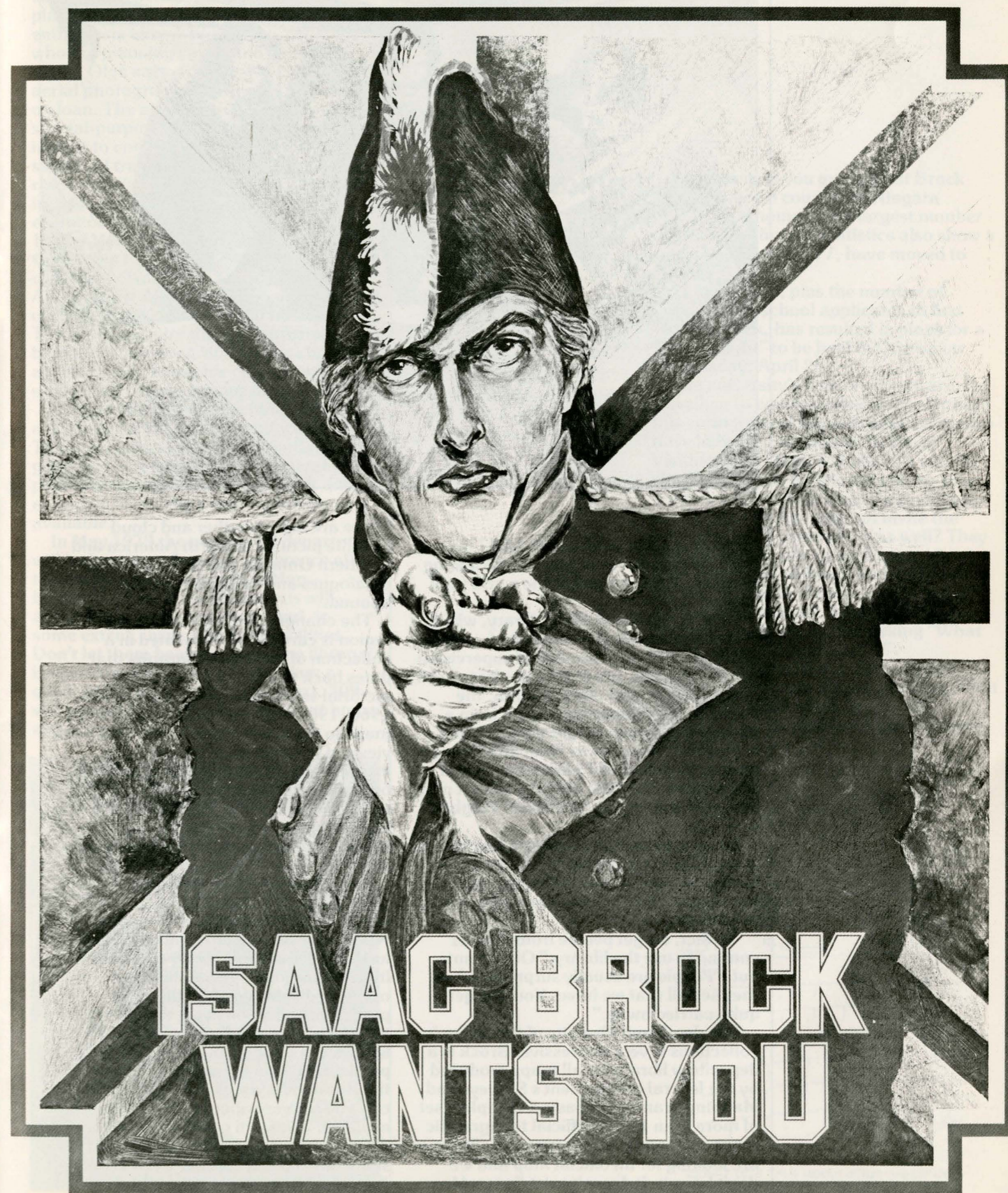
"To keep the remaining counsellors and staff members at peace and thus avoid another War of 1812 please forward at least five more posters," said one letter. A frank London, Ontario student wrote, "Could you please send me a poster of Isaac Brock for me to get extra marks." One letter was simply addressed to "Isaac Brock University, St. Catharines".

On-campus, the overall reaction was equally favourable. Sir Isaac has been posted in classrooms, labs, lounges, study carrels, offices and other more exotic locales.

The ultimate success of this new marketing strategy will be revealed in future enrolment statistics. No identity crisis can be eradicated overnight, and some Sir Isaac admirers will take longer than others to file their applications. As the girl in Downsview, Ontario said, "Please send the poster as fast as you can because I need it for school. P.S. I'm thinking about going to your university though I'm only in grade 7." ■

Note: A few of the 18" x 24" colour "Isaac Brock Wants You" posters are still available by writing Liaison and Information Office, Brock University, St. Catharines, Ontario, L2S 3A1.

Brock 3



Spring 1978

Right this way



If you can find your way to C207 in the East Block, you're on your way to finding every nook and cranny of the world (and beyond).

C207 is the Brock Map Library, which is operated by the Department of Geography. Under the skilled supervision of Alun Hughes, geography professor and cartographer, and Olga Slachta, the librarian, the library has grown from a single map drawer to four well-planned rooms that house more than 40,000 map sheets, 14,000 aerial photographs and 300 atlases. "It is the only significant map library in the region," professor Hughes says.

Serving geography students and faculty is the library's first priority. However the facility is open to, and welcomes, all members of the Brock community, and its neighbours.

"In fact, we get people from all over coming to use the library," Olga points out. "People are usually surprised when they see all that we have. You can get quite carried away."

The depth and diversity of the library's collections is very impressive. Brock is a depository library for all maps produced by the federal government's Surveys and Mapping branch; it boasts a complete set of more than 10,000 official topographic maps of Canada. In other words, "If you are looking for an official map and we don't have it, it doesn't exist," says Alun.

There are daily weather and cloud satellite pictures of North America and southern Ontario; and nautical charts, catalogues and detailed reference sources abound.

The changing face of the Niagara region is carefully documented in a collection of aerial photographs that dates back to 1921. There are full pictorial sets for the years 1931, 1954, 1960, 1965, and several that have been made in the last decade. These bird's-eye views of the area have been used in examining everything from a personal boundary dispute to the urban encroachment of the fruitlands. And when studied under one of the library's stereoscopes, they take on the dramatic effects of three-dimensional viewing.

Libraries can be intimidating institutions, but Olga and her support staff immediately put you at ease. Newcomers are given as much assistance as they need. The indexing system is far from mysterious — from the large index maps on display you identify what particular sheet you need, and then locate it in the appropriate steel cabinet. The atlases are self-explanatory. (The only publication Alun refuses to vouch for is the Russian **Atlas of the World**. "We can't be too sure about that one," he explains. "Western cartographers have discovered some significant errors in some maps of the USSR." A clever ploy, you ask? No one knows.)

If you don't think the Map Library has anything of interest to you, think again. The wealth of material available is being used by teachers, citizen groups, planners, researchers and recreation enthusiasts alike. "We see lots of people who are planning canoe and camping trips," Olga says. Class sets of maps and aerial photographs are always available on loan. The atlases have thematic or special-purpose maps that bring a new insight to contemporary or historical studies of transportation routes, energy resources, land use, linguistic groups, immigration, vegetation, territorial evolution and much more. The famous **1876 Atlas of Lincoln and Welland Counties** is just one volume in a growing collection of old maps and charts. Augmenting these rare books is a catalogue of Alun's personal library. Those who admire the precision and beauty of the cartographer's art should ask especially to see his collection of seventeenth century maps of Wales.

The friendly quiet of the library makes it a great place to browse for information. The study area easily accommodates geography students and the general public. Drafting tables, light tables and an enlarging/reducing machine are also available.

In May 1979 the geography department will be hosting a five-day conference of the Association of Canadian Map Libraries. More than 150 experts will assemble to exchange ideas, and, to some extent, inspect Brock's facilities. Don't let them beat you to it. The library is open Monday through Saturday; a quick call to Olga at 684-7201, ext. 309 will answer all your questions about hours and borrowing privileges. ■



Coming your way

Where would you guess most Brock alumni live? Of course the Niagara peninsula is home to the largest number of graduates but the statistics also show a surprising number, 77, have moved to Ottawa.

That statistic, plus the number of Ottawa high school applicants to first year at Brock, has resulted in plans for a "Brock night" to be held in Ottawa on Wednesday, April 26.

The university's liaison officers are travelling to communities across Ontario this spring, speaking with applicants who have indicated an interest in Brock. Visiting all the high schools in a city the size of Ottawa is a difficult task, so why not rent a room and invite the applicants to come to us? Any why not invite the area alumni to come along as well? They could certainly talk to applicants about their memories of Brock and perhaps explain the value of their degree to their current employment. High school students today are always asking "What do I do with a degree in . . .?"

Alumni Officer, Irene Stevens, has plans for a separate alumni meeting. With that many Brock grads in one city, perhaps it's time they got together more often. ■



"TONIGHT LET'S TALK ABOUT STEPPING UP OUR MEMBERSHIP DRIVE"

Ron McGraw and the ICFID

The sentiments are simple and forthright: "You don't have to be thumping the Bible to be helping people. The gospel is not just preaching — it's service, and compassion. One of our chief concerns is to share this idea not only with people in other countries but in this country as well."

The speaker is Ron McGraw, Dean of Students. Ron has been chairman of the Presbyterian Church Relief and Development Fund since 1975, and is the 1978 president of the national Inter-Church Fund for International Development (ICFID). His predecessor in that position was Archbishop Edward Scott, primate of the Anglican Church of Canada.

ICFID is the co-operative "development arm" of the Anglican, Lutheran, Presbyterian, Roman Catholic and United churches. Last year it sponsored projects in more than 20 countries at a cost of approximately \$1-million.



As Ron explain it, ICFID avoids "motherhood" or evangelical projects, and concentrates instead on service-oriented plans in the areas of education, food, shelter and whatever "enables people to be fully human". Within the Fund, "there's a lot of goodwill. I have never seen any tension on doctrinal matters. If there are issues, they are questions of whether something is a good development project."

One of Ron's main goals as ICFID president is to "continue developing overseas partners for projects and resources". Church-affiliated groups are regarded with suspicion in some areas of the world, "particularly if the country has had a bad experience with a church. An example of this is Cuba, where the Roman Catholic hierarchy was identified with a previously oppressive government. In those cases, we frequently work with non-church groups."

When it comes to raising money, ICFID usually works with the federal government — at arm's length. "For a good number of our projects, we receive matching grants from CIDA at a 2:1 ratio," Ron says. Yet the Fund guards its autonomy zealously. "We're not beholden to the government," he explains. "We are in no way dependent on them." This freedom enables Ron and his colleagues "to criticize the government — as we do." It also widens the scope of potential activities to include projects in politically 'sensitive' countries such as Chile and South Africa.

There is a logical connection between the Dean's professional and personal endeavours. The initial links were forged in a small corner of Nigeria now known as Biafra. "When I graduated (from the University of Saskatchewan) in 1960, I went out to Nigeria with the Presbyterian Church to teach chemistry in a boy's boarding school." His teaching career was halted six and a half years later by the civil war that was raging. Ron became the head of the relief work supported by various churches and the Red Cross.

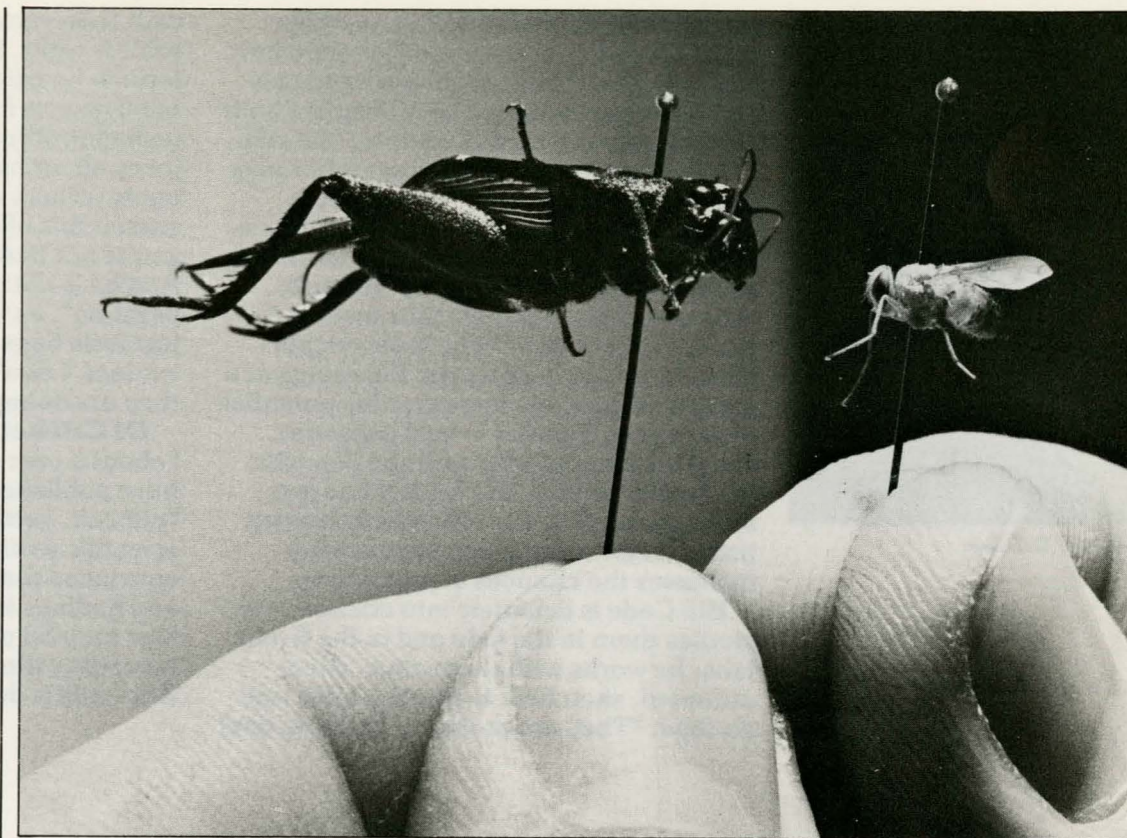
Looking back, he feels that, "Personally, it was a very rewarding experience in the sense that we really felt we were helping. The reports of the suffering and death that took place were not exaggerated."

Ron's next home before coming to Brock was in London, Ontario, where he served as foreign student advisor at Western. He understood the adjustments that both visiting students and their hosts had to make, and remains firmly convinced that all schools should open their doors as wide as possible. "If we are in fact a 'universe-ity,'" he exclaims, "then our staff should take whatever opportunities are available to become familiar with people from other nations."

However, altruism is a rare commodity today. Ron says, "One thing that does bother me is the shift in students' thinking — they're too inward-looking, too career-oriented. The issues of today are not, by and large, the important issues in their lives."

This new era of self-consciousness has left us seriously lacking in social conscience, he believes. And he finds the idea very troubling. "As a human being, I am disturbed because I see injustice in the world. People don't see, or pretend they don't see it. But you can't have a lasting peace, anywhere, without justice." As president of ICFID, Ron McGraw will be working very hard to alleviate some of the injustice. ■

Everything is cricket in Bill Cade's lab



William Cade is not the first person to write about crickets — Milton, Dickens and a few renowned scientists have seen to that. But the assistant biology professor's recent article in the prestigious **Natural History** magazine has assured him an audience for his research about crickets, their songs and their sexual behaviour.

The article, **Of Cricket Song and Sex**, is a by-product of Bill's doctoral thesis. However, he can date his interest in insects back to his childhood in Texas. "Everyone is basically familiar with the sound of crickets," he says. "It's almost subconscious. Crickets have attracted man's attention since the beginning of recorded history."

What attracted and captivated Bill's scientific imagination was the multi-purpose cricket call. As he explains in **Natural History**: "The songs of male crickets attract females, but these peaceful-sounding love songs are also battle cries. Competing males violently fight for females, other males silently try to steal females attracted by a neighbouring male's song, and some predators and parasites locate males by their conspicuous calling songs. Cricket song is really the obvious acoustical aspect of these insects' complicated system of sexual behaviour."

There are more than 2000 cricket species; each has a distinctive sounding call. Although you might notice only nondescript insect noises, Bill is hearing a

symphony of chirping and trilling. "Cricket songs are just as distinctive as bird calls," he points out. "It is just unbelievable the sounds that are out there."

Tracking down, taping and photographing crickets has taken Bill into far-flung regions like the Panama Canal zone. This is his first year in Canada, but already he is eyeing the pastures and woodlands of the peninsula. "You have interesting crickets up here too," he concedes. The natives are also friendlier.

"It is safer to do field work up here," Bill says ruefully. "In Texas, you would never climb over a fence — people do get shot at. My field season would overlap with the deer hunting season, and I was always afraid I was going to be hit by mistake." And that wasn't the only problem: "The main danger in Texas was from snakes."

Some people have Mozart or Muzak tapes playing in their office. Bill has crickets. Mechanical distortions reveal that the insect's call is actually a series of distinctive, pulsing units. "Each time you hear a pulse, the wing is closing once. My studies deal with the rate of signals," he says.

If you think scientific research has to be solemn and straight-faced, don't let Bill tell you about the time he inadvertently brought the plagues of Egypt to suburban Austin. "Crickets respond just the same to tapes as they do to the actual song," he notes. "I have sat in my backyard playing cricket tapes and literally have had a



Professor Bill Cade

thousand insects descend on me. One night the police came by to find out what was going on." The neighbourhood cats and birds also dropped by. "They are both acoustically-oriented predators," he adds.

Although the life of the researcher may be filled with surprises, the subject in question leads a very mundane existence. "Mating, fighting, singing — we're talking about the action." Bill says, "Actually, they spend most of their time waiting for the sun to go down." The male cricket inhabits a Catch-22 world: If he sings at a greater volume, he increases his potential of attracting females — and parasites. Once he attracts a fly, and she deposits her larvae on him, the cricket has just seven days left to live. He maximizes his potential for mating and inescapably increases the chances of predation.

Bill Cade is definitely into crickets. He studies them in the field and in the Brock labs; he works with them alive, dead, mounted, sketched, in photographs and on tape. "They are probably easier to deal

with than vertebrates," he says. And the price is right. Bill deals with a cricket farm in Louisiana that provides him with 1000 insects for just fifteen dollars, including shipping and handling. Bill jokes about his "low budget research", but is serious when he insists that, "one reason this offers you more is because you're not tied to expensive equipment." And he is not deterred by any "moralistic problem", as Bill puts it. "Crickets are just little bags of genes; they act on instinct. I don't think crickets 'know' what they are doing."

Of Cricket Song and Sex took "about a year altogether" to write and have published. Initially, Bill found it "difficult, getting away from a dry, scientific writing style", but he is convinced that publishing your theories and findings is "essential". He feels, "the best interest of science is served by spreading the knowledge around." And Bill Cade is doing just that. ■

**The Editor
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