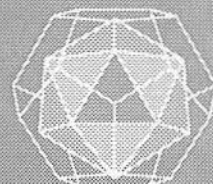


Cartouche



Newsletter of the Canadian Cartographic Association
Bulletin de l'Association canadienne de cartographie

Number 27, Fall, 1997
Numéro 27, automne, 1997



This graffiti map, found spray painted at the base of a statue in downtown St. John's, was an unusual sidelight at this years' AGM. The map shows remarkable detail considering the tools and medium that "W.R." used (probably done in haste as well). Though the artist did not follow standard cartographic design principles (e.g., no scale or north arrow), and though Labrador and some smaller islands were excluded, this is not a bad map considering the conditions under which it was produced.

Cartouche is published quarterly by the Canadian Cartographic Association. Members are welcome to submit articles for publication. Articles and notices submitted for publication are subject to editorial approval. Please address your submissions to the editor. It is the policy of the editor to provide dual language copy for editorial content and journal mechanics. All other articles will appear in the language of submission. While every effort is made to ensure accuracy of content, the editor cannot be responsible for errors in compilation, or loss of any item submitted. Opinions expressed in the editorials, submitted articles and letters are not necessarily those of the Canadian Cartographic Association. The Canadian Cartographic Association gratefully acknowledges the financial support given by the Social Sciences and Humanities Research Council of Canada.

Cartouche est publié trimestriellement par l'Association canadienne de cartographie. N'hésitez pas à soumettre des articles que vous désirez publier dans le bulletin. Les articles et annonces soumis pour parution sont sujets à l'approbation de la rédaction. Veuillez les adresser à l'éditeur. Selon la politique en vigueur, l'éditeur publié, en français et en anglais, l'éditorial ainsi que la description du processus de publication du bulletin. Les autres articles paraîtront dans la langue dans laquelle ils ont été écrits. Bien que beaucoup d'efforts soient déployés en vue d'éviter de tels problèmes, l'éditeur n'est pas tenu responsable des erreurs de compilation ou de la perte d'articles que leur seront soumis. Les opinions exprimées dans le cadre des éditoriaux, des articles et des lettres publiées dans le bulletin ne reflètent pas nécessairement celles de l'Association canadienne de cartographie. L'Association canadienne de cartographie remercie vivement le Conseil de recherches en sciences humaines du Canada pour son apport financier.

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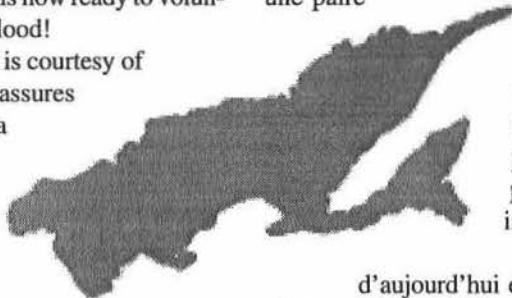
La date limite pour la prochaine publication est:

15 novembre 1997

Rorschach's Map

Congratulations to Peter Keller who was the first to identify **The Great Red Sea**, the Red River as it reached its crest in Winnipeg. Peter wins a "Flood of the Century" T-shirt as well as a mini sand bag and a pair of sand-baggers gloves. Peter is now ready to volunteer for the next big flood!

The featured blot is courtesy of Roger Wheate who assures me that this one is a "toughie." No doubt all you capable map reader will prove him wrong. The first person to humble Roger will win a valuable prize as well as be acknowledged in the next issue of *Cartouche*. Please send your responses to the editor (address above). The identity of this blot will be revealed in the next issue.



Carte énigmatique

Félicitation à Peter Keller qui a été le premier à identifier la **grande Mer Rouge**, la rivière Rouge à la hauteur de Winnipeg. Peter gagne un chandail de "L'Inondation du siècle" ainsi qu'un mini sac de sable et une paire

de gant pour sac de sable. Peter, notre nouveau volontaire est maintenant prêt pour affronter la prochaine inondation!

Notre énigme d'aujourd'hui est une gracieuseté de Roger Wheate qui m'assure qu'elle est coriace. À n'en point douter, vous saurez fidèle lecteur me prouver le contraire. La première personne qui saura ridiculiser les prétentions de Roger se méritera un prix de valeur et le nom de celle-ci ainsi que la réponse sur l'entité représentée par l'énigme



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seront connus dans le prochain numéro de la revue *Cartouche* à moins que personne n'ait trouvé la solution.

Faites parvenir votre solution le plus tôt possible à l'adresse de l'éditeur mentionnée à la page 2.

President's Message

Brian Klinkenberg
University of British Columbia

The 1997 annual general meeting was just held and, for those that missed it, the hospitality that Newfoundlanders are famous for was evident throughout! I am certain that everyone who attended the meeting would agree that, from the awards dinner held at the unique 'Fluvarium' to the entertaining 'Great Big Picnic' to the well-attended and highly stimulating paper sessions, the time was well spent. Well-deserved thanks should go to Gary McManus, Charles Conway and the rest of the organization committee from Memorial.

Welcome should be given to the newest members of the executive. Ute Dymon, from Kent State, is the new chair of the Education Interest Group. She brings a unique perspective to her position, having worked as an applied cartographer for almost fifteen years prior to completing her Ph.D. and entering the academic world. Byron Moldofsky, from the University of Toronto, is the new chair of the Map Production Interest Group. His experience in bringing the Historical Atlas of Canada to fruition using both traditional manual/photomechanical processes and computer-based techniques reflects his versatility in all aspects of map production. Joseph Piwowar, from the University of Waterloo, is the new chair of the Automated Cartography and GIS Interest Group. As a mapping/GIS consultant in an academic unit that encompasses a diverse range of interests, Joseph brings an 'every problem can be solved' attitude to his position. Claire Gosson is the Association's new Treasurer and Secretary. Her wide range of experiences in the Federal government and her internationally-recognized dedication to mapping will serve the Association well. Finally, a person familiar to most CCA mem-

bers Roger Wheate has been elected to the position of Vice-president. From his position 'up high' (UNBC) he plans to bring his organizational skills back to the CCA executive and keep us all in line! Welcome to them all. Thanks should also go to those who stood in opposition to those mentioned above David Broscoe, Patricia Chalk, Philip Dodds and Michael Wilson. If the strength of an organization is to be judged by those who stand for its executive, the CCA needs not fear for its future.

Thanks must also be given to those Interest Group chairs who have now 'retired.' While their official duties have been passed onto the newly elected chairs, we know that they will remain active in the Association. Thanks go to Dave Mercer (Map Production), Doug Banting (Auto Cart and GIS), John Belbin (Education) and Shelley Laskin (Treasurer and Secretary), for their many contributions to the Association.

For a current list of the executive and their addresses, check out the CCA web page at <http://www.geog.ubc.ca/~cca>. At this site you will find information on upcoming CCA conferences, the list of the President's Prize award winners, and other items of information of interest to members of the CCA. We are always looking for information to be added to the site, so if you have any interesting URLs, let me know. For example, among the tutorials you will find listed at <http://www.geog.ubc.ca/courses/klink/g370/g370.html> is a newly created CorelDraw 7.0 tutorial that may be of interest to those using the program in an introductory cartography class. (From the home page click on Tutorials, listed under Contents.) Check us out! From the planning ahead department: the organizers for the upcoming AGM at Lon-

don, Ontario have indicated that their plans are well in hand and that they hope to see everyone there in May.

On another note, a recent article in Wired magazine introduced me to a new word: de-intermediarism. It was noted that, using the web, people can contact the suppliers of goods and services directly, without the need of an intermediary. At the conference, an example of this was provided with the story of someone who had just purchased their car using the web, saving several thousands of dollars by not going through a salesperson. While car salespersons and travel agents are the most obvious intermediaries, cartographers (both educators and practitioners) could also be placed in that category.

This was brought light by an ad in the same issue of Wired from McGraw Hill 'World University,' advising potential students that they can take courses directly from them (www.mhww.edu/w08.html). While the range of courses is currently limited, in the future we may see a complete range of courses and degrees being offered. Why go to the University of XYZ when you can get your degree directly from McGraw Hill, the publisher of the text for your course? Why hire a cartographer when you can produce your map using one of many mapping packages currently available? We all know why, but our message must become more public if we are to keep ourselves in the middle ground. Microsoft is about to get into mapping in a big way and plans to develop an extensive collection of cartographic products. They have hired a geographer with a Ph.D. in cartography and have already initiated several academically-oriented projects. Given all these activities, our view must be that opportunities for cartographers are be-

continued on page 5

Mot du Président

Brian Klinkenberg
University of British Columbia

La réunion générale annuelle vient tout juste de se terminer, je dois vous dire que ceux qui n'ont pu y participer ont, malheureusement, manqué une bonne occasion de faire connaissance avec l'hospitalité légendaire des Terre-Neuviens. Cette hospitalité a été tangible tout au long de l'événement et les participants peuvent en témoigner, que ce soit lors de la remise des prix au "Fluvarium", lors du méga-spectacle du "Great Big Picnic" ou lors des présentations enrichissantes des conférenciers. On peut l'affirmer, on n'a pas vraiment eu le temps de s'ennuyer. Le grand mérite de cet organisation hors-pair revient à Gary McManus, Charles Conway et aux bénévoles du comité organisateur de l'Université Memorial.

Nous souhaitons la bienvenue aux nouveaux membres de l'exécutif : Ute Dymon, Byron Moldofsky, Joseph Piwowar, Claire Gosson et Roger Wheate. Ute Dymon, de Kent State, est la nouvelle présidente du groupe d'intérêt sur l'éducation. Elle nous fera profiter de son expérience unique, acquise au cours des 15 dernières années dans son travail en cartographie appliquée durant son Doctorat et lors de son entrée dans le monde universitaire.

Byron Moldofsky de l'université de Toronto est le nouveau président du groupe d'intérêt sur la production cartographique. Son expertise dans la production de l'Atlas historique du Canada reflète toute sa versatilité dans l'utilisation des procédés de production cartographique, tant manuel/photomécanique qu'informatique.

Joseph Piwowar, de l'université Waterloo, est quant à lui, le nouveau président du groupe d'intérêt sur la cartographie numérique et les SIG. En tant que consultant en cartographie/SIG en milieu universitaire, son champs d'activité englobe un éventail varié d'intérêt. Il nous a démontré que tout problème peut trouver sa solution.

Claire Gosson est notre nouvelle secrétaire-trésorière. Sa vaste expérience de travail au sein du gouvernement fédéral et la consécration de son travail en cartographie sur le plan international seront un grand atout pour l'Association.

Enfin une personnalité bien connu de plusieurs membres de l'Association, Roger Wheate, a été élu vice-président. De sa position "bien élevé" (université de Colombie-Britannique) il se propose d'utiliser son talent naturel d'organisateur au service de l'exécutif de l'ACC afin de maintenir les liens entre nous!

Bienvenue à tous. Nous remercions également pour leur participation au scrutin, les candidats qui ont été défaits, David Briscoe, Patricia Chalk, Philip Dodds et Michael Wilson. Si la force d'une organisation peut se juger par la qualité des candidats qui se présentent pour faire parti de son exécutif, l'ACC n'a pas à craindre pour son avenir.

Nos remerciements vont aussi aux présidents des groupes d'intérêt qui ont terminé leur mandat. Nous savons, malgré qu'il n'occupent plus une fonction officielle, qu'ils continueront à être actif au sein de l'Association. Il s'agit de David Mercer (Production cartographique), de Doug Banting (cartographie numérique et SIG), de John Belbin (Éducation) et de Shelley Laskin (secrétaire-trésorière).

La nouvelle liste d'adresse de l'exécutif sera disponible sur le site Internet de l'Association (<http://www.geog.ubc.ca/~cca>). Vous y trouverez également des informations sur les prochaines conférences, la liste des gagnants des Prix du Président et une foule de renseignements qui sauront intéresser les membres de l'ACC. Nous sommes constamment à la recherche d'information pour alimenter le site, si vous trouvez des URL digne d'intérêt, n'hésitez

pas à nous le faire savoir pour que nous puissions en faire profiter les membres.

Par exemple, sous <http://www.geog.ubc.ca/courses/klink/g370/g370.html> dans la section des cours, vous pourrez trouver la nouvelle version Corel Draw 7.0, comprenant une introduction à la cartographie par classe, ce qui sera d'un certain intérêt pour les utilisateurs de ce logiciel. (À partir de la page d'accueil, cliquez sur "Tutorial" dans la table des matières) Allez y jeter un coup d'oeil.

Les préparatifs de la prochaine Assemblée générale annuelle à London (Ontario) suivent leur cours normal, selon l'échéancier établi par les organisateurs qui du reste espère vous y rencontrer.

Sur une autre note, un article paru dans un numéro récent d'une revue "Branchée" a attiré mon attention sur le néologisme "Dé-intermédiaire ou désintermédiaire" (voir le terme dans la version anglaise). La définition donnée dans le texte réfère à l'utilisation d'Internet pour contacter directement des fournisseurs de biens et services sans l'aide d'intermédiaire. Lors des conférences, à St-Jean, nous en avons eu une illustration avec l'exemple d'une personne qui a acheté une voiture sur Internet et qui a économisé des centaines de dollars en évitant de passer par le vendeur. Autant un vendeur d'automobile ou un agent de voyage sont des intermédiaires obligatoires autant les cartographes (enseignant et professionnel) pourraient ou devraient accéder à un statut similaire.

Cette tendance est également mis en évidence dans le même numéro de "Branchée" de *World University*, publié par McGraw-Hill alors qu'il est fait mention que des étudiants pourraient potentiellement prendre des cours à partir de leur site Internet (www.mhhu.edu/w08.html). Actuellement, la gamme de cours est restreinte mais cela pourrait changer plus rapidement que l'on

puisse l'imaginer. On pourra y trouver des formations complètes. Dans ce contexte, pour quelle raison devrait-on s'inscrire à l'Université alors que l'on peut accéder à l'information plus rapidement, ce qui est notamment le cas avec McGraw-Hill qui publie ses propres notes de cours? Encore pis! Pourquoi engager un cartographe lorsque l'on peut utiliser l'un des nombreux logiciels de cartographie disponible sur le marché et produire soi-même ses cartes? Nous, nous le savons et c'est la raison pour laquelle nous devons diffuser plus largement notre message auprès du public sinon, nous serons toujours les second violons

Microsoft va bientôt s'investir à fond de train dans le champ de la cartographie. Chez Microsoft on desire développer une vaste collection de produits cartographiques. À cet effet, un géographe possédant un doctorat en cartographie a été engagé et le développement de plusieurs projets orientés vers l'enseignement est en marche. À la vue de toute cette activité, il devient de plus en plus évident que les cartographes devront saisir les occasions et qu'ils pourraient devenir une denrée en demande.

Considérant que les utilisateurs de logiciel tel que Excel deviennent de plus en plus familiers avec les cartes à cause de leur intégration dans l'ensemble, cela aura comme impact de provoquer une demande qui s'accroîtra pour l'insertion de cartes dans les rapports, dans les présentations. Nous devons nous préparer à percer ce marché en formation. L'un des modes de promotion des cartographes et de la cartographie dans ce nouvel environnement passera par Internet.

Les cartographes devront également concentrer leurs efforts sur ce qu'ils peuvent apporter en terme de résultats. Tout bons cartographes devraient se munir d'un portefeuille qui regroupera à la fois de bonnes cartes, rédigées par des professionnels montrant des exemples de communication cartographique réussie et de mauvaises cartes (carte-citron dans le langage de Michel Fournier) démontrant comment il est facile de véhiculer une fausse impression.

Mon message dans le dernier numéro de Cartouche semble toujours à propos, nous devons devenir les porte-paroles de notre profession et de notre statut professionnel. Malgré le respect que l'on doit à

l'enseignement de la cartographie et au SIG, nous devons nous concentrer sur le côté artistique ou visuel de la discipline et un peu moins sur les aspects technologiques. Si les étudiants (et les administrateurs) perçoivent nos cours comme l'enseignement d'un ensemble de logiciel, il est fort à parier qu'ils croiront notre travail comme une dépense et que cela sera plus rentable d'investir dans les campus virtuels tel celui d'ESRI, voire même que l'enseignement via un vendeur de logiciel serait meilleur. Si vous n'avez pas encore jeté un oeil sur le site d'ESRI (www.esri.com), je vous conseille fortement à le visiter. Dernièrement, une grande quantité de module y a été ajouté dont une introduction gratuite à Arc View.

Enfin, si l'on peut conclure, le cartographe doit considérer l'importance de remettre en question son rôle d'intermédiaire dans le processus cartographique, en créant des présentations cartographiques dynamiques sur Internet, en se concentrant sur le côté artistique ou visuel de la discipline et en rédigeant des commentaires constructifs aux éditeurs de journaux, de revues et de quotidiens qui publient régulièrement des cartes de mauvaise qualité. Une façon de créer votre emploi serait de produire des cartes cartographiquement correcte, visuellement attrayantes et ce à partir de cartes qui sont impropres à la publication tout en l'accompagnant d'un texte explicatif. Le monde de la cartographie est en expansion rapide et nous devons saisir les occasions qui se présentent. ☹

from page 3

coming greater and greater. As people become more familiar with maps, through the incorporation of mapping software in packages such as Excel and the rising popularity of programs such as ArcView, they will expect to see maps as integral components of any report or presentation. We must be prepared to tap into this burgeoning market. Promoting our presence on the Internet is but one way of bringing cartography to this new cadre of mappers.

We also need to focus on is what we, as cartographers, bring to the table. Portfolios of bad maps ('lemons' in the parlance of

Michel Fournier) which demonstrate how easy it is to convey the incorrect impression along with examples of good maps produced by professional cartographers which demonstrate what cartographic communication is all about should be part of everyone's library. A message I have conveyed in previous Cartouche articles is worth repeating we need to become vocal advocates of our profession and of our professional status.

With respect to the teaching of cartography and GIS we need to focus more on the art side of the discipline and less on the technical side. If students (and administrators) see our courses simply as tutorials for a particular software package, how long before they will feel that their money would be better spent at ESRI's 'Virtual Campus,' that an education provided by the vendor themselves might be for the best. If you have not checked out the latest addition to ESRI's home page (www.esri.com) you should. They have recently added an extensive set of tutorials with the Intro to ArcView currently presented free.

So, the message in the end is that cartographers need to consider how best to re-intermediary themselves in the mapping process, by creating dynamic presentations on the web, by concentrating on the art side of the discipline, and by writing constructive letters to the editors of journals, newspapers and magazines that publish poor maps, describing how the map could be improved. One way to create a job for yourself might be to create a cartographically correct, visually appealing map based on an inappropriate map published in a magazine or newspaper, and submitting that work to the editors along with a resume! The world of cartography is rapidly expanding, and the opportunities are there for us to seize. ☹

When Map "Tiles" Really Were Tiles

Roger Wheate,
University of Northern British Columbia

While visiting Britain this June, my attention was drawn to a story in *The Times* entitled *PoW Tells of Escape Maps Printed on Secret Press*. By an amazing coincidence, the subject of the story, Royal Engineer Captain Wallis Heath, now 80, lived in St. Andrews, Scotland which was exactly where I was heading in order to participate in a ceremony where I would be bonked on the head with a piece of leather, (supposedly part of John Knox's breeches) and officially become a 'doctor'. I spoke with Mr. Heath on my last day there as he had just returned from meeting remaining members from his war-time exploits.

Back in 1944, Mr. Heath was in Prisoner of War camp 'Oflag 79' near Brunswick in Northern Germany. Maps were smuggled into the camp inside Monopoly game sets and were laboriously copied by hand for individual escape efforts. Towards the end of the war however, it was feared that mass reprisals would take place as liberation approached and so it was decided to mass produce maps for the 3000 prisoners. Mr. Heath along with two others with printing experience formed the 'Brunswick Printers'.

Ingeniously they created printing plates and other artwork necessary for map production with whatever was available in the camp. First they removed some large tiles from the walls of the lavatories and ground them together with 'Vim' to make a clean receptive surface for printing. Their captives did not miss these as the 'lavs' were hardly pristine to start with.

Next, the maps from the Monopoly sets were traced onto the tiles, using carbon paper. Separate tracings (on different tiles) were made for different colours: black for text and railways, red for roads and blue for rivers (separate layers in today's cartography). The printers then went over the line and text details with a fine mapping pen dipped in boiled margarine. The significance of (oil-based)

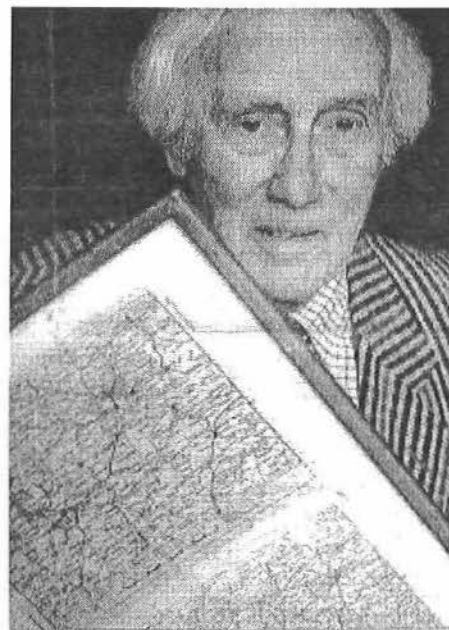
margarine will not be lost on any student of the history of lithography and the principle of water and oil not mixing. Each tile was then coated with gelatine from jellies sent in Red Cross food parcels, to render the surface insensitive to any further grease or oil.

The printing plates were damped with sponge and applied with ink also supplied by the Red Cross. The map elements drawn in the margarine retained the selected ink. Printing took place for two hours a day over several weeks. The prisoners used a code word shouting 'gunap' to warn of approaching German guards. After a while, the Germans saved them the trouble by shouting 'gunap' themselves (sounds a lot like 'Hogan's Heroes'!).

The 3000 maps were printed but never used, as the camp was liberated peacefully. Mr. Heath kept what he believes to be the only surviving maps and these are stored in the dark, as some of the inks, particularly blue and yellow are somewhat 'migratory' as they were derived from powder intended for stage 'make up'.

One thought keeps coming back to me, every time I recall this story . . . if these conditions were to occur today, how many students of cartography or GIS would have any idea how to print such maps, unless they had paid very close attention to the one lecture on the history of cartography or alternatively were given access by their captors to a Windows-compatible colour printer.

Sources: *The Times*, June 23, 1997, page 11 and personal communication with Mr. Wallis Heath, St. Andrews, Scotland, June 29, 1997.



Wallis Heath with a copy of his wartime map.
(Source: *The Times*, June 23, 1997)

Cartographica Report

Michael Coulson,
University of Calgary

As I write this, the page proofs for the last paper in Volume 33 #4, are before me. While there remain some problems about the availability of some illustrations and the quality of others that are scheduled for the issue, the time for the press run is close. For contents I refer you to my report in issue number 26 of *Cartouche*.

Looking ahead, but following right on in our publication work, the contents of volume 34 are quickly falling into place and I am hopeful of at least two issues being to press before the end of 1997. I am now able to list the papers for one issue. They are; *Toward a Conceptual Framework for the Cartographic Visualization of Network Information*, by Amy J. Ruggles and Marc P. Armstrong of the University of Iowa; *Visual Search Processes Used in Map Reading*, by Robert Lloyd of the University of South Carolina; *Spatial Clusters Perceived in the Distribution of Point Objects*, by Yukio Sadahiro of the University of Tokyo; *Rethinking Laboratory Education for an Introductory Course on Geographic Information*, by David DiBiase of The Pennsylvania State University; *Cartographic Characteristics of Current Christian Pilgrimage Maps of the Holy Land*, by Noga Collins-Kreiner of the University of Haifa. The issue will include the usual selection of quality reviews.

The other issues that I am reasonably confident about are two monographs, being on the mapping of time and map projections. Both of these are still under revision, but details should be available by the next issue of *Cartouche*, as should at least one more issue of papers, given the number of manuscripts in process.

During the recent CCA conference, I presented a paper on the mechanics of publishing in *Cartographica*. On average, it is taking fifteen months from my receipt of a manuscript through review, return to the author, receipt by me of the revised manuscript,

assignment to an issue and finally, publication. Of that, six months is the average for the final step of publication. As dates when the issue manuscript will be available for printing become more predictable, I would hope that this can be substantially reduced and I know that the University of Toronto Press shares this view.

Dear Fellow Members of the CCA;

During the recent conference of the association I was presented with an award of distinction for my work for the CCA. For me this was a thrilling and moving experience and I thank you all from the bottom of my heart.

I had been in academic work for almost ten years when I first attended a CCA meeting and it was a truly different experience from all my previous conferences. There I found persons who wished to hear and discuss quality research results, but who also were friendly and supportive and encouraging. This atmosphere is part of our "culture" a hallmark of a quality organisation and quality people. I continue to enjoy my responsibilities in the association and hope to see you all at future conferences.

In the meantime, if you are aware of some one who has achieved excellence in map development, or research or work for the CCA, read about the Awards of Distinction elsewhere in this issue and send in a nomination. These are awards to be very proud of.

In grateful thanks,

Michael R. C. Coulson,
Professor Emeritus of Geography,
The University of Calgary

President's Prize Competition *Le concours pour le Prix du Président*

Congratulations to the following students, who were recipients of awards at this year's conference in St John's.

Félicitations aux étudiants récipiendaires des accordés lors de l'Assemblée annuelle de l'Association canadienne de cartographie tenue à St-Jean.

NORMAN NICHOLSON SCHOLARSHIP
BOURSE D'ÉTUDE DE NICHOLSON:
Andrew Millward, University of Guelph

MONOCHROME MAP (Graduate or College)
CARTE MONOCHROME (gradués ou collégiaux):
Celine Gilbert,
Sir Sanford Fleming College,
Honolulu

COLOUR MAP (Undergraduate)
CARTE EN COULEUR (sous-gradués):
Dominic Tremblay,
Université de Québec à Chicoutimi,
*L'état de la production et de la
récupération de déchets domestiques*

COLOUR MAP (Graduate or College)
CARTE EN COULEUR (gradués ou collégiaux):
Paul Heersink,
Sir Sanford Fleming College,
China's Three Gorges Dam

JOURNALISTIC MAP
CARTE JOURNALISTIQUE:
Bruce Pieroway,
Sir Sanford Fleming College,
Ancient Israel

BEST STUDENT PAPER
CONFÉRENCE PRÉSENTÉE PAR
UN ÉTUDIANT:
Rick Gray,
University of Guelph,
*Tree Survival in a Temperate
Agroforestry Intercropping System: A
GIS Analysis*

Reflections on CCA 97

*Ute Dymon,
Kent State University*

The 1997 CCA meeting in St. John's, Newfoundland, was one of the most enjoyable I have experienced. Obviously, my personal bias is coloring this report since I enjoyed the island tremendously by traveling extensively along its gloriously scenic coasts and through its fascinating byways before the CCA meeting kicked off.

The Conference opened Thursday afternoon with registration, a meeting of the Executive Committee and the setup and opening of the exhibits. Friday brought a warm welcome from Gary McManus and the start of sessions including some exciting presentations on Map Use and Design. A rich variety of sessions followed including those dealing with the issues arising from design of campus maps, atlas design, maps for children and the kinds of maps found in the health industry. Covered also was the use of maps over the Internet and the variety of maps found in the mass media. After a hearty lunch, subsequent sessions tackled the problems associated with GIS, such as customizing GIS interfaces and the use of GIS for landscape management. Analytical cartography was considered next with some of our students presenting their papers. This included the winner of the student competition, Rick Gray.

Concurrently, Ken Francis led an intriguing workshop on "An Electronic Mixed Media Atlas." Friday was topped off with an ice breaker reception in the Art Museum of Memorial University, an elegant old building which provided the evening with a sense of history.

Saturday's program was again full and comprehensive. Starting with a session on teaching cartography by using the World Wide Web. Debates and questions lasted well beyond the scheduled time for the session. Laura Beattie and Andrew Millward led a discussion on teaching cartography from the

perspective of a Teaching Assistant. These discussions were very lively and thought provoking. Most in attendance then continued their discussions at the luncheon of the General Meeting.

After the intensive sessions and the General Meeting, many were ready to go outside. A large number of the CCA attendees



St. John's AGM organizers Gary Mcmanus (left) and Charles Conway: the original wild and crazy guys!

joined the traditional Orienteering session which was held at Pippy Park near Memorial University. Others moved out on their own to enjoy the warm sunny afternoon by exploring St. John's and its surroundings. Saturday night was enlivened by the opportunity for conference participants to attend the "Great Big Sea" concert. Others challenged each other to take liquid refreshment at the Duke on Duckworth, forcing each other to drink great amounts of ale. Whatever people did, they had a great time in the process.

A session on Historical Cartography took center stage early Sunday followed by other

sessions including one about GeoAccess. Concurrently, a workshop on Symbology using Arc/Info took place. Lunch and executive meetings were followed by panel discussions conducted by David Mercer on the issues involved in designing and producing maps for the World Wide Web. Finally, a demonstration of Adobe and Freehand closed the technical session. The day was full of serious conferencing, but the evening was highlighted by a delicious Newfoundland meal of salmon (eat your heart out for all of you who did not show). The salmon feast was set at the unique Fluvarium where we saw the fish swim by while exploring the underwater environment of a pond.

Monday's field trip took delegates from St. John's along the southern shore of the Avalon Peninsula. Everyone then took a boat tour to the Witless Bay Biological Reserve where the largest wild puffin colony in North America could be viewed. The boat took a roundabout route back to shore to look for whales, unfortunately none were sighted. The field trip was topped off by observing the world's most southerly caribou herds.

Amazingly, the weather held out affording everyone a good time. To find out what I liked best about Newfoundland, you could ask if it was the magnificent scenery? Or the stimulating intellectual environment of the conference? Perhaps the social events were best, or just meeting friends I have made over the past years? To me, Newfoundland was a wonderful collage of all these experiences. Now, our heartfelt thanks are extended to Gary and Charles for a job so well done that this 1997 Newfoundland Meeting was an extraordinary, special conference highlight of the year. ☺

The Social Side of the Annual Meeting

Roger Wheate,
University of Northern British Columbia

Having missed last year's annual meeting (my first since 1984), I was quickly reminded on my arrival in St. John's, Newfoundland why CCA meetings are so enjoyable both for the program and social components. This was much enhanced of course by the location at North America's eastern-most point, some 12 UTM zones distant for those of us from the west coast and light years ahead in providing 'olde worlde' charm in its many fine inns and hostels. The first night led to many pleasant evenings in the 'Duke of Duckworth'.

However the main social event was the full day field trip after the conference when a busload of cartographers circumnavigated the southern shore of the Avalon peninsula. The first stop was Bulls Bay and a boat tour to the largest puffin colony in North America at Witless Bay. As we entered the open ocean, the advice of the guide to 'focus on the horizon' was widely followed particularly by those who spent a little too much time at the Duke the night before.

Next stop was Ferryland, site of one of the oldest colonies, founded in 1622, some 125 years after John Cabot's first landing in North America. Our guide emphasised that it was Cabot who 'rediscovered' North America, since Columbus barely touched on a few Caribbean islands. Settlement however was forbidden for over a century in order to retain control over the fishing banks. Due to time constraints, the museum was visited only for a 'wee break', but the guide had a hard time controlling the map-mob when they discovered a cartographic display in the foyer.

Then it was onto the 'barrens' and the world's most southerly caribou herd. We were alerted when to start looking out for them. Sure enough there were two beige 'be-hinds' in the distance. The travelling crowd craned to see the beasts, until they stood up and turned out to be two ladies in brown pick-



The hunt for caribou and other wild game resulted in a wide variety of photographs, including Newfoundland's only "Wheate field." (photo: Laura Beattie) More photos on pages 21 and 22.

ing berries. In short time however, we saw one, then two of the real thing, though the rule was the bus would not stop for less than 5 caribou. Then to the left, there they were, half a dozen: a caribou quorum. The CCA paparazzi attempted to get closer for a Kodak moment, instigating a classic pincer movement . . . the youth hastening to the left up the steep slope, the more seasoned members to the right, with Mike Coulson coming up the centre with his camcorder, but the ungulates clearly got a whiff of the *Cartographica* editor and the group returned only with handfuls of berries. "I wish I'd known all these berries were here at the beginning of the conference," bemoaned Eva Siekierska.

In a while, we reached a critical junction causing the guide to suggest turning back to get home for supper by 7, not realising he

had a bus load of map readers who quickly deduced continuing on was only a little further. On Peter Keller's maxim: "never go back," we proceeded and the next hour was virtually wall-to-wall caribou; multiple clusters of wee brown dots appeared faster than you could say 'George Jenks' and the "there's one" cry quickly became blase. We didn't get back before 7 for supper but what a day! See you all in London 1998. 🌐

Pippy Park Score-O Event

St. John's, August 16th, 1997

*Diane Hocking,
University of Victoria*

As an opportunity for attendees of the 1997 CCA Annual Meetings to experience the outdoor environment, a score-O orienteering event took place in a scenic park adjacent to the Memorial University Campus. The event consisted of twenty controls (markers) hung over a wide area of the park, with the goal of finding as many as possible in a fixed time (75 minutes, in this case). Many participants had experienced the sport already, at the Calgary meeting, so were raring to go after minimal instruction.

The ultra-competitive five easily found all twenty in the given time period, so then time became the factor separating them.

Those who dawdled to sample the prolific blueberries or raspberries, or to admire the views over the Harbour, were left behind. It was too bad we did not have a video camera to record the acrobat leaps into the picnic shelter at the finish area by Roger Wheate and Rick Gray to save a few seconds, but, as the results show, all was for naught as newcomer Michel Fournier pipped them both. Better luck next time, guys.

Laura Beattie again took first-female honours; Roger was second overall, an appropriate position for our new VP; Weldon Hiebert was most improved over Calgary; Christine Earl was top rookie (proving that

cartographers are naturally good map readers); Peter was generous in allowing someone else to win this time; and Gary McManus was the perfect host, bringing up the rear so that no one else would be last.

Thanks to Martin and Philippa Hocking, who helped plan the event and set out the controls, pickup crew Rick, Peter and Roger, and to Michael Rayment of the St. John's O Club, who lent equipment and supplied the donuts.

Results of this year's event are listed below, and find out more about orienteering in your area at <http://www.orienteering.ca>

Hopefully next year we can entice back those of you who chickened out with lame excuses like meetings or judging maps. 🌐

Results:

Michel Fournier	200 points	41:50 mins
Roger Wheate	200	42:20
Rick Gray	200	45:11
Laura Beattie	200	50:30
Peter Keller	200	63:24
Weldon Hiebert	190	
Christine Earl	170	
Eva Siekierska	140	
Lee Thompson, with Al and Erin	130	
Ute and Mike Dymon	90	
Gary McManus	70	

Participants and helpers at this year's orienteering event at Pippy Park, St. John's.
(photo: Diane Hocking)



Should Cartography Slide?

Lee Thomson

In listening both to the papers presented and to the commentary around them at this years' AGM, fewer students are clearly taking cartography classes and fewer professionals are identifying themselves as cartographers. Roger Wheate and Peter Keller addressed this from opposite directions.

Roger Wheate stated that students do not specifically need to take any course before cartography. They can either take an introduction to computers course or have the equivalent experience, or a desire to "catch up." Although they "want" the GIS course, they must have experience first with data collection, management and presentation, all fundamentals of cartography. Although the students and other faculty complained, he has managed to get his point of view across, and students should take cartography before proceeding to GIS.

Peter Keller has created a course called *Introduction to Geo-Information and GIS*. This course covers data collection, management and presentation and a small amount of GIS at the end. Rather than taking on Roger's tack, and insisting of cartography, he argues that there is a fundamental body of knowledge common to all mapping sub-disciplines that the students should learn first. His somewhat "devious" or stealth approach of removing a lot of fundamental knowledge from the cartography curriculum, and disguising some of the cartography curriculum as GIS, gets lines of students begging to get into each of his classes.

General commentary from participants at various sessions suggest that fewer people who make maps identify themselves as cartographers. This is different from but related to the above issues - while cartography is our life's work, and in many ways our identification, many people think of themselves otherwise. They are not making the best maps they could be making.

My feeling from this meeting is that we may make more progress on several fronts by learning from both Peter and Roger. What used to be considered Geography is now, in my opinion, Environmental Studies. Perhaps we should let cartography slide and incorporate more cartography into those courses that are most requested, GIS, Geoinformatics, Infographics, etc. This could ultimately serve two ends. The first, and maybe most important, would be to give those using GIS some cartographic precepts with which to work. This should improve the quality of maps produced by GIS users, a major gripe judging from the comments and complaints I heard. The second end would be to

encourage interest in cartography from a different population - those who choose to learn GIS for pragmatic reasons may recognize the importance of presentation of data and pursue additional cartographic training, perhaps even joining the ranks of us, the "self-identified" cartographers.

Feeling that the cartographic field is not respected for its obvious merits is not comfortable, but if we truly want to expand cartographic learning, I feel we must go where the students are: in GIS. Since we all agree that GIS is not cartography, we should take advantage of the interest in and enthusiasm for GIS to get across some key cartographic precepts ultimately to produce better maps.

Membership File / Filière du membres

Monika Rieger

The Canadian Cartographic Association would like to welcome the following new members to the Association:

Mr. A. Adessa	Westbury, NY, USA
Dino Caruso	Burlington, Ontario
Derek Danney	Lac La Biche, Alberta
Clint Loveman	Labrador City, Newfoundland
Meg Richardson	St. Catharines, Ontario
Christopher Storie	Sudbury, Ontario
Carla Joanne White	Manuels, Newfoundland

There have been some changes over the summer. I am no longer at the University of Calgary, although I am remaining in the city at the present time. Rather than confuse members and the general public with (possible frequent) address changes, we have established an E-mail address at the same location as the CCA Web Page (www.geog.ubc.ca/~cca). The new E-mail address is: cca-membership@geog.ubc.ca

This site will provide a permanent address regardless of future changes at the Membership Coordinator level. E-mail sent to this site will be forwarded to me. The CCA mailing address will continue to be the same as listed on page 2. This may change in the near future, however. If it does, you will be informed through *Cartouche*.

1998 Elections to the CCA Executive Committee

The Nominating Committee of the Canadian Cartographic Association seeks the names of suitable persons to stand for election to the Executive Committee. The following positions are to be filled at the Annual General Meeting in St. John's in August, 1997:

- Vice President (1 year)
- Chair, History of Cartography (2 years)
- Chair, Map Use and Design (2 years)

The quality of the Executive Committee is crucial to the success of the association. If you know of someone who would serve us well, please submit his or her name for consideration by the Nominating Committee. Or, if you feel that you yourself have a role to play, feel free to forward your own name.

Send your suggestions for candidates by October 30 to:

Gary McManus, Chair, Nominating Committee
Department of Geography
Memorial University of Newfoundland
St. John's, Newfoundland A1B 3X9
Tel: (709) 737-8996
Fax: (709) 737-4000
E-mail: gmcmanus@morgan.ucs.mun.ca

The other members of the Nominating Committee are Michel Fournier, Paul Harker and Lee Thomson. The Committee will present its slate of candidates in *Cartouche* #28, due for publication in December, at which time further nominations may be submitted by members. The final list of candidates, together with candidate profiles and a ballot form, will appear in *Cartouche* #29, which you should receive in March.

Results of the 1997-98 Election to the CCA Executive

Congratulations to the following CCA members who were elected to the 1997-98 CCA Executive:

Vice President: **Roger Wheate**

Secretary-Treasurer: **Claire Gosson**

Chair, Analytical Cartography & GIS: **Joseph Piwowar**

Chair, Cartographic Education: **Ute Dymon**

Chair, Map Production Technology: **Byron Moldofsky**

Élections au comité exécutif de l'ACC 1998

Le comité de candidature de l'ACC est à la recherche de membres éligibles pour occuper les postes ci-dessous de l'Exécutif. Ces postes seront à combler lors de l'Assemblée générale annuelle qui se tiendra à Saint-Jean au mois d'août 1997 :

- vice-Président (mandat de 1 an)
- Président du groupe d'intérêt Histoire de la cartographie (mandat de 2 ans)
- Président du groupe d'intérêt Conception et utilisation des cartes (mandat de 2 ans)

La qualité des membres de l'Exécutif est un atout primordial pour le rayonnement de l'Association. Si vous connaissez une personne qui pourrait apporter une contribution appréciable à l'Association ou si vous vous sentez apte à remplir l'un de ces postes, faites parvenir vos mises en candidature au Comité d'ici le 1 octobre 1996 à :

Gary McManus, Président du comité de candidature
Département de géographie, University of Guelph
Saint Jean (Terre-Neuve) A1B 3X9
Téléphone : (709) 737-8996
Télécopieur : (709) 737-4000
Courr. élect : gmcmanus@morgan.ucs.mun.ca

Les membres du comité de candidature sont Michel Fournier, Paul Harker et Lee Thomson. Le comité publiera la liste préliminaire des candidats dans le numéro 28 de la revue *Cartouche* (décembre 1997), période où des mises en candidature additionnelles pourront être soumises par les membres. La liste finale des candidats ainsi que leur curriculum vitae et les bulletins de vote seront fournis dans le numéro 29 de la revue *Cartouche* (mars 1998).

Résultats des élections au comité exécutif 1996-97 de l'ACC

Félicitations aux membres suivants de l'ACC qui ont été élu à l'exécutif 1996-97 de l'ACC.

vice-Président: **Roger Wheate**

Secrétaire-trésorier: **Claire Gosson**

Président du groupe d'intérêt sur la Cartographie analytique et les SIG: **Joseph Piwowar**

Président du groupe d'intérêt sur l'Éducation cartographique: **Ute Dymon**

Président du groupe d'intérêt sur les Technologies de production cartographique: **Byron Moldofsky**

Call for Nominations CCA Awards of Distinction 1998

The CCA Awards of Distinction recognize persons who have made major contributions to the profession or to the association, and we invite nominations for the 1998 awards. Names are sought in three categories:

1. Award for exceptional professional contributions to the practice of cartography
2. Award for exceptional scholarly contributions to cartography
3. Award for exceptional contributions to the Canadian Cartographic Association.

In 1994, the inaugural year of the Awards program, the recipients were Lou Skoda, the Historical Atlas of Canada Team, and Fraser Taylor. Since then awards have been presented to Claire Gosson and Paul Pugliese (Category 1); J.R. Eastman and the IDRISI Project, Henry Castner, J. Ross Mackay, and Leonard Guelke (Category 2); Norman Drummond, Bernard and Barbara Gutsell, Michael Coulson, and Carolyn Weiss (Category 3). Citations accompanying this year's awards are published elsewhere in this issue of *Cartouche*.

There remain many other worthy candidates for recognition, and we urge you to submit names for consideration by the Awards Committee. The awards will be presented at next year's CCA conference in London, Ontario.

Each nomination should be accompanied by a brief explanation of why the person in question merits an award. Please forward nominations by November 30 to:

Gary McManus, Chair, Awards Committee
Department of Geography
Memorial University of Newfoundland
St. John's, Newfoundland A1B 3X9

Tel: (709) 737-8996

Fax: (709) 737-4000

E-mail: gmcmanus@morgan.ucs.mun.ca

Appel aux candidatures pour les Prix de Distinction 1998 de l'ACC

Nous vous invitons à nous soumettre des candidatures pour les Prix de distinction 1998. Ces prix sont remis à des personnes qui ont apporté une contribution particulière à l'Association ou dans l'exercice de leur profession et ce pour les catégories suivantes :

1. Prix pour une contribution professionnelle exceptionnelle dans la pratique de la cartographie;
2. Prix pour une contribution exceptionnelle d'érudition sur la cartographie;
3. Prix pour une contribution exceptionnelle à l'Association canadienne de cartographie.

Ces prix créés en 1994, ont été remis à Lou Skoda, l'équipe de l'Atlas historique du Canada et Fraser Taylor. Depuis, ces prix ont été remis à Claire Gosson et Paul Pugliese (catégorie 1), Ron Eastman et l'équipe du Projet IDRISI, Henry Castner, J. Ross Mackay, et Leonard Guelke (catégorie 2) ainsi qu'à Norman Drummond, à Bernard et Barbara Gutsell, Michael Coulson, et Carolyn Weiss (catégorie 3). Les textes de présentation des prix de cette année sont publiés dans le présent numéro de la revue.

Il reste encore de nombreux candidats à honorer. Vous en connaissez peut-être un, à moins que ce ne soit vous. Alors, n'hésitez pas à faire des suggestions au Comité des candidatures. Les prix seront remis lors de la prochaine Assemblée générale annuelle qui se tiendra à London (Ontario).

Chaque mise en candidature doit être accompagnée d'un bref texte justificatif. Vous avez jusqu'au 30 novembre pour faire parvenir vos mises en candidature à l'adresse ci-dessous:

Gary McManus, Président du comité de candidature
Département de géographie
Memorial University of Newfoundland
Saint Jean (Terre-Neuve) A1B 3X9

Téléphone : (709) 737-8996

Télécopieur : (709) 737-4000

Cour. élect : gmcmanus@morgan.ucs.mun.ca

CCA Awards of Distinction 1997 *Prix de Distinction 1997 de l'ACC*

Award for Exceptional Contributions to the CCA: MICHAEL R.C. COULSON

Michael Coulson's career is rich with accomplishments in many aspects of academic and professional cartography, but it is his dedicated and long-standing service to the Canadian Cartographic Association for which we recognize him here today. It is an honour to present to Michael Coulson the 1997 Award of Distinction for Exceptional Contributions to the CCA.

Michael spent his boyhood and undergraduate years in England, where he received his BA in Geography from the University of Durham. He then went to the United States and earned both his MA and PhD degrees from the University of Kansas. At this point it might be appropriate to recognize and thank the University of Calgary for, in 1963, offering Michael a position so enticing that he settled permanently in Canada.

They made a wise decision, for Michael has had a distinguished career at the University of Calgary, advancing to full professor, serving as Head of the Department of Geography, and recently, upon retirement, being honoured with Professor Emeritus status. During this time Michael was just as productive on the home front; he and his wife Marie raised four daughters. In fact I understand that Michael is now extremely well qualified to take up a retirement career as a wedding consultant.

By the mid 1970's, Michael's long standing interest in cartography eclipsed his earlier research in urban and political geography, and he was one of the early pioneers to share the vision of a National Cartographic Association. Michael has been involved with the CCA since its early days and today holds the record for most years served on the Executive. His positions have included Chair of the Education Interest Group, President, and most recently, Cartographica Editor. He is one of a very few individuals generous (or foolish!) enough to host TWO CCA conferences!

In his early years on the CCA executive, Michael played a key role in promoting the organization, forging a constitution, and establishing working relationships with other mapping organizations. These were not trivial issues. Our gathering here this evening is testament to the success of Michael and his colleagues in meeting these challenges.

But perhaps Michael's greatest challenge was yet to come. In 1994 Michael became editor of Cartographica, after serving on the Editorial Board for over ten years. He had also acted as review editor and referee coordinator. Now, some eight issues later, Michael has proven his ability to maintain the excellent standard of this international journal.

The Canadian Cartographic Association has benefited tremendously from Michael's tireless efforts as an organizer, promoter, and scholarly editor. This is truly an award well deserved.

Prix pour une contribution exceptionnelle à l'ACC: MICHAEL R.C. COULSON

La carrière de Michael Coulson est riche en réalisations cartographiques tant en milieu académique que professionnel cependant, c'est sa tenacité et son soutien continu à l'Association canadienne de cartographie que nous voulons particulièrement souligner aujourd'hui. C'est un honneur pour nous de lui présenter ce Prix de Distinction de l'ACC.

Michael a passé son enfance en Angleterre où il y a fait ses études. Il a reçu son diplôme de Baccalauréat en géographie à l'université de Durham. Il quitte l'Angleterre pour les États-Unis, il complètera sa maîtrise et son doctorat à l'université de Kansas. Nous devons remercier l'université de Calgary qui, en 1963, a pris une heureuse initiative en lui offrant un poste attirant qui le fixera définitivement au Canada.

Michael prendra une sage décision qui lui permettra de faire une carrière remarquable à l'université de Calgary, devenant professeur permanent, directeur du département de géographie jusqu'à sa récente retraite. Il y obtiendra le statut de professeur émérite. Durant cette période Michael est fort productif sur le plan familial; avec sa femme Marie ils ont élevé 4 filles. En fait, je comprend que Michael est extrêmement qualifié pour poursuivre une carrière de conseiller matrimonial.

C'est au milieu des années 70, que son intérêt pour la cartographie à éclipsé ses recherches en études urbaines et géopolitiques et qu'il est devenu l'un des pionniers qui a partagé sa vision pour créer une association nationale de cartographie. Michael a été impliqué dans l'ACC depuis les premiers jours de sa création et aujourd'hui il détient le record pour le plus grand nombre d'année de service à l'exécutif. Il a occupé de nombreux postes dont : président du groupe d'intérêt sur

l'Éducation, Président de l'ACC et plus récemment Éditeur de Cartographica. Il est une âme généreuse (ou un être insensé??) il a été l'hôte des conférences de l'ACC à deux occasions !

Dans les premières années de l'ACC, Michael a joué un rôle clé dans l'exécutif, notamment en faisant une promotion soutenu de l'association, en rédigeant la charte et en créant des liens de collaboration avec des associations de cartographie. Tout cela n'était, à priori, pas évident. Nous sommes réunis ce soir pour témoigner du succès de Michael et de ses collègues qui ont concrétisé ce défi.

Mais son plus grand défi restait à venir. En effet, en 1994, Michael est devenu l'éditeur de Cartographica et ce après avoir été sur le comité de l'éditorial durant plus de 10 ans. Il a également été réviseur et coordonnateur. Après huit numéros, Michael a démontré sa capacité à maintenir un standard d'excellence pour cette publication de niveau international.

L'Association canadienne de cartographie a énormément bénéficié de ses inlassables efforts comme organisateur, promoteur et éditeur érudit. Cette récompense est vraiment bien méritée.



Shelley Laskin presents Award of Distinction to Michael Coulson. *Shelley Laskin remet un Prix de Distinction à Michael Coulson.*

Award for Exceptional Scholarly Contributions: LEONARD GUELKE

Leonard Guelke, this year's recipient of the CCA Award of Distinction for Exceptional Scholarly Contributions to Cartography, is internationally recognized for his influential publications on cartographic communication. Leonard began his academic career at a formative period in the theoretical development of the discipline of cartography. His seminal publications changed the direction of perceptual map design research by promoting a more context-oriented cognitive approach.

Leonard was born and educated in Cape Town, South Africa, where he gained an early interest in cartography through his university studies and a summer's work mapping for a mining company. He earned his BSc degree from the University of Cape Town, specializing in geography, physics, and geology. Then he left his homeland and emigrated to Great Britain where he found full-time employment as a professional cartographer with a prominent publisher in Scotland, Thomas Nelson and Sons. He became their cartographic editor devoting much of his time to the production of school atlases. When offered an interesting position in Canada, Leonard emigrated a second time and began work at the University of Alberta coordinating research on the Atlas of Alberta.

In 1967, Leonard decided to continue graduate studies in Canada, obtaining an MA degree from York and a PhD in geography from the University of Toronto. Embarking on a university career, Leonard first taught geography at the University of Guelph for two years before moving in 1975 to the University of Waterloo. There he joined the Department of Geography and continued his extremely productive and wide-ranging academic career published extensively in the areas of cartography, the philosophy of geographical thought, and historical geography.

In 1976 and 1979, Len Guelke published two papers in *Cartographica* entitled "Cartographic Communication and Geographic Understanding" and "Perception, Meaning, and Cartographic Design". In a succinct and insightful manner, Guelke questioned the currently popular psychophysical approach to map design research, and called for method of investigation which focused on map meaning, not just map symbols. His distinctive research approach emphasized the direct links between cartography and geography and helped establish cartography as an independent graphic discipline. A special *Cartographica* monograph, devoted to cartographic communication, was edited by Len Guelke in 1977 - this has proved to be the only issue of *Cartographica* ever to require a second printing to meet the demand.

Leonard has also contributed atlas reviews, served as Review Editor and Associate Editor, and edited a second monograph in 1981. But his involvement with the CCA has not been limited only to his activities associated with scholarly publications. He served on the CCA executive from 1975 to 1978, first as Chair of the Map Use Interest Group and then as President. During this early period Leonard enthusiastically participated in the formation of the Association. I am pleased to recognize his scholarly accomplishments with this award.

Prix pour une contribution exceptionnelle d'érudition sur la cartographie: LEONARD GUELKE

Leonard Guelke est reconnu internationalement pour ses influentes publications sur la communication cartographique. Sa carrière académique débute durant une période de formation sur le développement théorique de la cartographie. Ses fructueuses publications ont modifiées les recherches sur la perception de la conception cartographique par une approche cognitive plus orientée sur le contexte.

Leonard né à Cap Town, Afrique du Sud, où il fait ses études. C'est là que son intérêt pour la cartographie se développe, plus particulièrement lors de ses études universitaires et avec son travail d'été en cartographie dans les mines. Il complète son baccalauréat spécialisé en géographie, en physique et en géologie à l'université de Cape Town. Puis il a migré en Grande Bretagne où il devient employé permanent comme cartographe pour l'éminente maison d'édition d'Écosse, Thomas Nelson & Sons. Il y deviendra éditeur responsable de la cartographie et produira de nombreux Atlas scolaires, jusqu'à ce qu'une offre intéressante lui soit présentée au Canada, Leonard migrer cette fois en Alberta, débutera dès lors, à travailler à l'université de l'Alberta, comme coordinateur de l'Atlas de l'Alberta.

En 1967, Leonard décide de poursuivre ses études supérieures en faisant sa maîtrise à York et son doctorat en géographie à l'université de Toronto. Sa carrière universitaire débute à l'université de Guelph, où il séjournera deux ans puis il déménage en 1975 à l'université de Waterloo. Il y joint le département de géographie où il continuera d'être aussi productif et il en profitera pour développer son éventail, considérable, de publications dans les champs de la cartographie, la philosophie de la pensée géographique et de la géographie historique. En 1976 et 1979, il publie deux articles dans *Cartographica*: "Cartographic Communication and Geographic Understanding" (La communication cartographique et le compréhension géographique) et "Perception, Meaning and Cartographic Design" (Perception, signification et conception cartographique). De manière succincte et avec perspicacité, Guelke a su questionner l'approche psycho-physique courante de la recherche en conception cartographique et il a fait appel à des méthodes d'investigation axées sur la signification de la carte, au-delà des symboles cartographiques. Son approche originale de recherche a mis l'accent sur les liens entre la cartographie et la géographie et a permis d'établir l'indépendance et les liens de la cartographie par rapport à la géographie. Un numéro spécial de *Cartographica* dédié à la communication cartographique a été édité par Len Guelke en 1977 - c'est le seul numéro de *Cartographica* qui ait nécessité une réimpression pour répondre à la demande.

Leonard a également contribué à la revue d'Atlas, puis comme Éditeur réviseur et Éditeur associé. Mais son implication avec l'ACC ne s'est pas limitée aux activités liées aux publications d'érudition. Il a fait parti de l'exécutif de l'ACC de 1975 à 1978, au début comme président du groupe d'intérêt sur l'utilisation des cartes puis comme président. Durant cette courte période, il a participé avec un grand enthousiasme à la création de l'association.

Malheureusement, Leonard ne peut être présent parmi nous ce soir, je suis heureux de reconnaître la valeur de son travail, de ses contributions par ce prix de distinction. Patricia Chalk, l'une de ses élèves, acceptera le prix en son nom.



Jan Mersey (right) presents Award of Distinction to Trish Chalk on behalf of Leonard Guelke. Jan Mersey (à droite) remet un Prix de Distinction à Trish Chalk pour Leonard Guelke.

Award for Exceptional Contributions to the CCA: CAROLYN WEISS

It is a pleasure to present the 1997 Award for Exceptional Contributions to the Canadian Cartographic Association to Carolyn Weiss. Carolyn, through her sustained and energetic support for the CCA, her dedicated service as Treasurer, and her enthusiastic participation in our annual gatherings, has inspired our sincere respect and friendship.

Carolyn spent her early years in Montreal, where she earned her BA and MA degrees in Geography at McGill University. Job opportunities upon graduation led her south, as she embarked on a career that included appointments at the University of Florida, Clark University, Southern Illinois University, and the Laboratory for Computer Graphics and Spatial Analysis at Harvard University. Happily for us, Carolyn returned to Canada to join Statistics Canada, where she is currently Senior Geographic Analyst in the Geography Division. Her interests in cartography focus on map design and census mapping, map use and perception, and geographic information systems. She has maintained her interest in teaching, and is responsible for conducting a two-day graphics training course for Statistics Canada employees.

Carolyn first joined the Executive in 1977, when the CCA was only two years old. Her first position as Chair of the Map Use Interest Group was held for one year, before she took over as Treasurer. Carolyn held the position of Treasurer for the next seven years - a record in terms of continuous service in the same executive role. Her participation at executive meetings during this time provided a much needed sense of continuity, direction, and support to the young and still evolving organization.

As I can attest, Treasurer is not exactly a glamorous job. It is a never ceasing concern for a multitude of small details that no one else seems particularly concerned with; until, of course, you make an error, or warn of a low bank balance. In the early years of the CCA the position had special challenges. There was not a membership secretary, so many of those duties fell to the Treasurer. There was no email; no computer-based accounting program. Carolyn maintained the ledger by hand, and kept in regular phone contact with Bernard Gutsell (the journal editor who kept a separate CCA bank account in Toronto) and David Douglas at the University of Ottawa (the CCAs mailing address). The budget was extremely modest and Carolyn had to keep a tight rein on expenditures to ensure we stayed in the black. We did. Carolyn's excellent organizational skills allowed this position to be passed along to the next Treasurer with scarcely a hiccup.

Carolyn is being recognized today not only for her tireless service on the executive, but for her active participation in many of the CCA's activities. She has served on the CCA Nominations Committee, and the Editorial Board for *Cartographica*. But perhaps Carolyn is best known for her lively presence and good humour at our annual gatherings. She is quick with a smile and a greeting, shows true interest in your cartographic endeavours, and exhibits unrivalled stamina on field trips. Carolyn is truly a valued friend of the CCA.

Prix pour une contribution exceptionnelle à l'ACC: CAROLYN WEISS

C'est un grand plaisir de présenter cette distinction à Carolyn qui, à travers son support soutenu et énergique pour l'ACC, y a oeuvré comme trésorière et qui avec sa participation enthousiasme dans nos rencontres annuelles, nous a inspiré un respect sincère et notre amitié.

Carolyn passe sa jeunesse à Montréal où elle fait son baccalauréat et sa maîtrise en géographie à l'université McGill. Suite à sa graduation, une offre d'emploi en provenance du Sud, lui permettra d'entreprendre une carrière hors du commun, qui l'amènera à l'université de Floride, à l'université Clark, à l'université Southern d'Illinois et au Laboratoire d'infographie et d'analyse spatiale de l'université Harvard. Heureusement pour nous, Carolyn est revenue au Canada pour se joindre à l'équipe de la Division géographie, de Statistique Canada à titre d'analyste senior en géographie. Ses principaux centres d'intérêts en cartographie sont orientés sur la conception cartographique des cartes de recensement, l'utilisation et la perception des cartes ainsi que les systèmes d'informations géographiques (SIG). Elle a continué à maintenir son goût pour l'enseignement en montant des cours de formation en infographie pour les employés de Statistiques Canada.

Carolyn joint l'ACC en 1977, alors que l'association n'avait que deux ans. Le premier poste qu'elle occupe, pendant un an, fut celui de président du groupe d'intérêt sur l'utilisation des cartes puis, ce sera celui de trésorière pour les 7 années suivantes - un record absolu, pour la durée d'un mandat sans discontinuité. Sa participation aux réunions de l'exécutif a permis de donner un sens à la continuité, à la direction et au support de la jeune organisation en développement.

Vous ne vous en doutez peut-être pas mais, le travail de trésorier n'est pas aussi prestigieux que cela puisse paraître. C'est un travail inlassable qui demande beaucoup d'énergie et une grande attention sur une multitude de petits détails qui ne peuvent concerner qu'un trésorier

jusqu'à ce que, bien sûr, vous ne fassiez une erreur ou qu'il ne lance un cri d'alerte quand les finances sont à un niveau dangereusement bas. Au début de l'ACC, ce poste représentait un véritable défi car il n'y avait pas de secrétaire aux adhésions et par conséquent, plusieurs tâches étaient référées au trésorier. Il n'y avait pas de courrier électronique; pas de programme de comptabilité informatisé. Carolyn a tenu le livre des comptes manuellement et entretenait des contacts téléphoniques réguliers avec Bernard Gutsell (l'éditeur de la revue qui avait un compte séparé de l'ACC, à Toronto) et avec David Douglas à l'université d'Ottawa (adresse postale de l'ACC). Les budgets étaient extrêmement modestes, Carolyn devait bien tenir les cordons de la bourse pour s'assurer que nous ayons un bilan positif, ce qui fut le cas. Carolyn possède une habileté organisationnelle telle que lorsque wu'il y a eu passation des dossiers au nouveau trésorier, cela s'est fait en douceur.

Carolyn est reconnue aujourd'hui non seulement pour son inlassable implication au service de l'exécutif mais, également pour sa participation à de nombreuses activités de l'ACC. Elle a oeuvré au sein du Comité de nomination de l'ACC et au bureau de l'Éditorial pour *Cartographica*. Elle est aussi bien connue pour son entraînement et sa bonne humeur durant nos réunions annuelles. Elle est vive, souriante et pleine d'attention, elle sait vous montrer ce qui est intéressant dans vos efforts cartographiques et, elle montre une résistance hors pair durant les excursions. Carolyn est vraiment une amie de grande valeur pour l'ACC.



Gary McManus presents Award of Distinction to Carolyn Weiss. Gary McManus remet un Prix de Distinction à Carolyn Weiss.

NTDB Excellence Award

Jean-Pierre Lemieux
Centre for Topographic Information

We are pleased to announce that the National Data Base (NTDB) Excellence Award for the year 1996-1997 has been granted to the employees of TRIGON Mapping Resources Ltd. of Saskatoon. Given that TRIGON also received the 1994-1995 award, this is a testament to their ongoing commitment to excellence.

The BD Excellence Award recognizes the employees of the geomatics company which has achieved levels of excellence in the areas of conversion and updating of NTDB data. Each year, the firm whose performance is best in the fields of administration, adherence to contract agreements and data quality is selected by the inspectors of

the Centre for Topographic Information (CTI) of Geomatics Canada. Over the five-year period that this recognition has been awarded, we have witnessed a great improvement in the quality of suppliers' production. The underlying philosophy of the award supports the ISO 9001 certification of our processes. Such excellence is the key to success for not only our organization, but for the geomatics industry. Our clients are the ultimate beneficiaries.

Once again, congratulations to the employees of TRIGON Mapping Resources for achieving consistently high levels of quality which has won them this year's award.

New PTI Guide Empowers Cities and Counties Through Use of GIS

Geographic information systems (GIS) are no longer merely mapping tools; they have become the infrastructure for local governments. *gis://the next management tool*, an attractive new guide produced by Public Technology, Inc. (PTI), explores how cities and counties can implement GIS and how they can plan, fund, launch and maintain successful systems.

With the help of its Urban Consortium Telecommunications and Information Task Force (UCTITF), PTI has developed this guide for local governments. Comprehensive and easy-to-read, it briefly describes efforts of cities and counties across the U.S. that have successfully built and incorporated GIS into their strategic planning and operations. Broadly defined, a GIS combines geographic and other types of data to generate map reports enabling users to collect, manage and interpret location-based information in a planned and systematic way.

"Representing another successful collaboration with IBM, *gis://the next management tool* is a response to the increasing and

evolving use of GIS as a management and policy making tool," said Thom McCloud, PTI's vice president for research and membership. "The impressive capabilities of GIS are clearly illustrated throughout the book."

gis://the next management tool is available at \$16 (US) to government and \$32 (US) to others (no charge to members). To order, call the PTI Publications Center at 800-PTI-8976, fax to 301-490-2188, or send e-mail to pubs@pti.org.

PTI's UCTITF, a national task force of local officials, was formed in 1987 to address the needs and concerns of local governments on a wide range of telecommunications and information issues. Its chair is Max Brawley, Information Technology Manager, City of Phoenix, Ariz.

PTI is the nonprofit technology R&D organization of the National League of Cities, the National Association of Counties, and the International City/County Management Association. For more than 26 years, PTI has helped local and state governments across the U.S. to develop and use technology-based products and services.



Calendar / calendrier

October 28-30 octobre 1997

GIS/LIS '97

Cincinnati, Ohio USA

Contact / communiquer avec:

GIS/LIS Registrar, ACSM

Tel / tél: (301) 493-0200

Oct. 30 - Nov. 2 1997

3rd International Symposium on GIS in Higher Education

Chantilly, Virginia USA

For information / pour renseignements:

Mr. Jay Morgan

Tel / tél: (410) 830-2964

February 10-12 février 1998

GIS '98

Wiesbaden, Germany

For information / pour renseignements:

Mr. Bernd Fricke

Tel / tél: 49 (61) 96 585 244

Fax / téléc: 49 (61) 96 585 240

March 2-5 mars 1998

ACSM Annual Convention and Exhibition

Baltimore, Maryland USA

For information / pour renseignements:

Ms. Denise Calvert

Tel / tél: (301) 493-0200

Fax / téléc: (301) 493-8245

May 4-7 mai 1998

1998 MidAmerica GIS Symposium

Lincoln, Nebraska USA

For information / pour renseignements:

Ms Vickie Damm

Tel / tél: (913) 551-7247

Fax / téléc: (913) 551-7863

May 27-30 mai 1998

CCA/I/ACC & ACMLA/ACACC

London, Ontario

For information / pour renseignements:

Ms. Patricia Chalk

Tel / tél: (519) 661-3425

Fax / téléc: (519) 661-3750

E-mail / courr. élect: chalk@sscl.uwo.ca

1998 CCA Presidents Prize Competition

The President's Prize Competition provides awards for excellence in student map making. It also provides an award for the best student paper presented at the CCA annual conference. A prize of \$100 will be awarded to the winners of each category.

The five categories in the student mapping competition are:

☐ **Monochrome Map** (Undergraduate Program)

☐ **Colour Map** (Undergraduate Program)

☐ **Monochrome Map** (College or Graduate Program)

☐ **Colour Map** (College or Graduate Program)

A monochrome map is drawn in colour, usually but not necessarily, black. A colour map is created using two or more colours.

☐ **Journalistic Map** *A journalistic map is one which is created to accompany and elucidate a published article taken from a newspaper or magazine. The map must be created at a size to fit the page format of the newspaper or magazine it is to illustrate. The map may be monochrome or colour. Every journalistic map submitted is automatically entered in the appropriate monochrome or colour category also, but a map may win no more than one award.*

ENTRY CONDITIONS FOR THE STUDENT MAP COMPETITION

1. Every entry must be accompanied by a completed **ENTRY FORM**. The entry form is published in *Cartouche*, on the CCA web page (<http://www.geog.ubc.ca/~cca/>) or is available from any Executive member of the CCA.
2. The competition is open to all students in post-secondary institutions. Membership in the CCA is not required.
3. Maps may be submitted in any finished form (e.g., ink drawing, computer printout, proof copy, etc.).
4. Each entry must be a single composition. The composition may incorporate more than one map as well as other graphics, but multiple map entries are not allowed.
5. All non-original artwork, photographs, maps used in the work must be clearly credited and referenced.
6. Entries in the journalistic map category must also be accompanied by an **original copy** or **photocopy** of the published article that the map is intended to illustrate. Journalistic map entries must be drawn to a size which fits the page format (e.g., full page, column width, bound-in fold-out, etc.) of the newspaper or magazine it is intended to accompany.
7. Entries must be received the day prior to judging.
8. Neither the CCA nor the conference organizer is responsible for returning entries.

JUDGING CRITERIA FOR THE STUDENT MAP COMPETITION

1. Entries **will be disqualified** if any of the above conditions are not met.
2. Entries will be judged at the 1998 annual conference in London, Ontario by a three-person panel including the chair of the CCA Map Use and Map Design Special Interest Group.
3. One award will be made in each of the monochrome and colour map categories. Up to two awards can be made in the journalistic category, in the event of two winners the prize money will be shared equally.
4. The judges reserve the right to withhold an award if the standard of the entries is inadequate.
5. Maps will be judged in terms of their design, originality of content, overall communication effectiveness and technical quality. In addition, journalistic maps will be evaluated in terms of how well they support the article they accompany.
6. The judges may also take into account such factors as student year level, time available for completion, number of students involved, techniques and equipment employed, depth of research and innovativeness in design.
7. No map can win more than one award.

BEST STUDENT PAPER

An award of \$100 is given for the best student paper presented at the CCA annual conference. All student papers included in the program are automatically entered for the competition. A paper may be co-authored by a faculty member, but the student must have actively participated in the research and have sole responsibility for delivering the paper. The entries will be judged by a three person panel including the chair of the CCA Cartographic Education Special Interest Group. Judging will be based on the content and structure of the paper and the quality of the presentation. The judges may also take into account the extent of the student's involvement in the research on which the paper is based, and his or her status (i.e. undergraduate or graduate) and year level.

Prix du Président

Les prix du Président sont des récompenses pour souligner l'excellence de travaux cartographiques réalisés par des étudiants et pour la meilleure conférence présentée par un étudiant lors du congrès annuel de l'ACC. Un prix de 100\$ récompense chaque gagnant.

Les prix du Président sont remis dans 5 catégories dont les conditions et les critères d'attribution sont décrits cidessous:

- ☐ **Carte monochrome** (étudiants dans des programmes sous-gradués)
- ☐ **Carte monochrome** (étudiants dans des programmes gradués ou collégiaux)
- ☐ **Carte couleur** (étudiants dans des programmes sous-gradués)
- ☐ **Carte couleur** (étudiants dans des programmes gradués ou collégiaux)
- ☐ **Carte journalistique** *Une carte journalistique est une carte qui accompagne un article dans un journal ou une revue et qui permet d'éclaircir le contenu de l'article. Les dimensions de la carte doivent correspondre à l'espace présumé qu'elle devrait occuper dans l'article de journal ou de la revue concernés. La carte peut être monochrome ou en couleur. Chaque carte soumise est automatiquement éligible aux autres catégories de carte cependant, chaque carte ne peut gagner qu'un seul prix.*

CONDITIONS DE PARTICIPATION

1. **Chaque inscription doit être accompagnée d'un formulaire d'inscription complété.** Le formulaire est publié dans *Cartouche*, disponible sur le site Internet de l'ACC (<http://www.geog.ubc.ca/~cca>) ou auprès des membres de l'exécutif de l'ACC (voir liste dans *Cartouche* et sur le site Internet).
2. Le concours est ouvert à tous les étudiants du post-secondaire membres et non-membres de l'ACC.
3. Les cartes peuvent être soumises sous différents supports (tracé à l'encre, sortie d'imprimante, copie d'épreuve, copie imprimée, etc...).
4. Chaque inscription n'est valable que pour une seule carte. Toutefois, un document cartographique peut incorporer plus d'une carte et des graphiques, l'inscription pour plusieurs cartes, dans ce contexte, n'est pas permise.
5. L'usage de documents, photographie(s), carte(s) ou autres matériels n'originant pas de l'auteur du document cartographique présenté est permis, il faut toutefois en indiquer la ou les source(s) et le ou les auteur(s).
6. Les inscriptions dans la catégorie carte journalistique doivent être obligatoirement accompagnées par une **copie originale** ou une **photocopie** de l'article publié pour lequel la carte a été conçue. La carte doit être conçue en tenant compte de la dimension du format de la page de l'article de référence (i.e. pleine page, largeur de colonne, limite d'un dépliant, etc...) du journal ou de la revue en question.
7. Les inscriptions doivent être reçues au moins un jour avant le jugement des cartes soumises.
8. L'ACC et les organisateurs ne sont pas responsables de la perte ou de la détérioration des documents.

CRITÈRE D'ATTRIBUTION DES PRIX

1. Les inscriptions seront **rejetées** si elles ne respectent pas scrupuleusement les règles mentionnées ci-dessus.
 2. Les inscriptions seront jugées par un comité de trois personnes dont le Président du groupe d'intérêt Utilisation des cartes/dessin des cartes, lors du congrès annuel de 1998 qui se tiendra à London (Ontario).
 3. Un prix sera remis pour chaque catégorie monochrome et couleur. Lorsqu'il y a plus d'un lauréat (maximum trois) à la catégorie carte journalistique, le prix est partagé entre ceux-ci.
 4. Le jury se réserve le droit de suspendre la remise de prix si les inscriptions ne rencontrent pas les règles de base.
 5. Les cartes sont jugées en fonction de la qualité générale du document, de la représentation graphique et de l'efficacité du message véhiculé. Quant à la carte journalistique, elle sera évaluée en fonction de la complémentarité de la carte avec le texte d'accompagnement.
 6. Les juges pourront tenir compte des critères tels que le degré d'avancement scolaire de l'étudiant, le temps nécessaires pour réaliser la carte, le nombre d'étudiant concerné, les techniques et les logiciels utilisés, l'importance et la profondeur de la recherche ainsi que l'innovation dans la représentation visuelle de l'ensemble.
 7. Aucune carte ne peut gagner plus d'un prix.
-

CONFÉRENCE PRÉSENTÉE PAR UN ÉTUDIANT

Un prix de 100.00\$ est remis à la meilleure conférence présentée par un étudiant lors du congrès annuel de l'ACC. Toutes les présentations contenues dans le programme sont automatiquement éligibles. Dans le cas de conférence dont les co-auteurs sont un enseignant et un étudiant, ce dernier doit avoir oeuvré activement aux travaux de recherche et devra être l'unique conférencier. Les conférences seront jugées par un comité de trois personnes dont le Président du groupe d'intérêt sur l'Éducation de l'ACC. Les conférences seront évaluées en fonction du contenu, de la structure et de la qualité de la présentation. Les juges pourront également tenir compte du degré d'implication de l'étudiant dans la recherche faisant l'objet de la présentation, ainsi que de son statut (i.e. étudiant gradué ou sous-gradué) et de son degré de scolarité

Concise Gazetteer of Canada

New from Natural Resources Canada, this version of the Gazetteer is a compilation of all provincial and territorial gazetteers. It contains 47,000 names currently recognized by the Canadian Parliament Committee on Geographical Names, listed alphabetically for easy reference. Included with each entry are the exact latitudinal and longitudinal coordinates, as well as a map reference and provincial and regional locations.

First published in 1952, and now in this updated format, it lists the precise locations and approved names of populated places, lakes, rivers, mountains, provincial parks and Native reserves in individual provinces and territories. The Concise Gazetteer of Canada provides quick and easy-to-find information

for anyone wishing to know the correct name and specific location of geographical areas in Canada. It includes detailed instructions on how to use the publication and also provides a glossary and colour map of Canada.

Cartographers, geographers and lay persons alike will find this to be an indispensable reference that is also easy to use.

Softcover 21cm x 28cm 636 p. 1997
Cat. No. M86-16-1997-1
ISBN 0-660-60185-0

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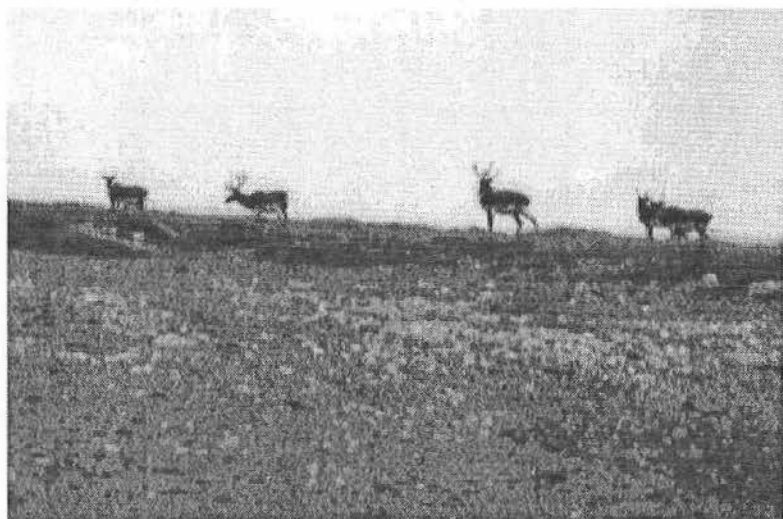
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Images of St. John's AGM



Too many cartographers doth a long journey make. (Photo courtesy Laura Beattie)

The Caribou Hunters



The Caribou



Shelley Laskin and Peter Keller enjoying the salt air during the boat ride to the Witless Bay Ecological Reserve. *(Photo by Carolyn Weiss)*

Edith Punt had the best seat in the house, courtesy of Laura Beattie, at the Great Big Picnic. *(Photo courtesy of Laura Beattie)*



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**CONFERENCE DATES /
CONFÉRENCES COMMUNES
MAY 27-30 MAI 1998**

**JOINT 1998
CONFERENCE**

CALL FOR PAPERS APPEL AUX CONFÉRENCIERS

**CCA/ACC ET/
AND ACMLA/ACACC**

A WORLD PREMIERE! You are invited to visit the University of Western Ontario campus in the forest city - London, Ontario - to participate in the first joint conference of the Canadian Cartographic Association and the Association of Canadian Map Libraries and Archives.

WILL ADDRESS CARTOGRAPHIC THEMES SHARED BY EACH ASSOCIATION AS WELL AS THOSE UNIQUE TO EACH. To encourage a co-operative learning experience, the conference format will include a mix of joint as well as concurrent sessions, workshops and special theme sessions. An added bonus - the ICA 1997 Canadian Map Exhibit from Stockholm will be on display at the University art gallery in conjunction with other artists' works influenced by cartography.

PLANNING TO CONTRIBUTE? WE HAVE EXCELLENT FACILITIES. The deadline for receipt of abstracts and workshop proposals is Friday, January 16, 1998. Forward submissions to Ms. Patricia Chalk, Co-Chair, CCA/ACMLA Conference, Geography Dept., SSC, University of Western Ontario, London, Ontario, Canada N6A 5C2. Phone: (519) 661-3425; Fax: (519) 661-3750; E-mail: Chalk@SSCL.UWO.CA. Submissions should include the title, abstract, author name, affiliation, address, phone number, E-mail and anticipated equipment needs for the presentation. Both Mac and PC computer labs are available to be booked for special sessions.

PREMIÈRE MONDIALE! Vous êtes invités à participer aux conférences conjointes de l'Association canadienne de cartographie et de l'Association canadienne des cartothécaires et des archivistes qui se tiendra au campus de l'université Western Ontario, dans la ville forestière de London (Ontario).

LES THÈMES CARTOGRAPHIQUES SERONT À LA FOIS PARTAGÉS ET PARTICULIERS AUX DEUX ASSOCIATIONS. Pour encourager l'apprentissage dans la coopération, le format de l'événement prévoit un mélange de conférences simultanées, d'ateliers et des sessions thématiques spéciales. En prime, à la Galerie d'Art de l'université, il y aura présentation de l'exposition canadienne de cartes présentée à Stockholm, en 1997 et ce conjointement avec une exposition d'artistes influencés par la cartographie.

VOUS SONGEZ PARTICIPER? NOUS AVONS D'EXCELLENTE INSTALLATIONS. La date de tombée pour la réception des résumés et des propositions d'ateliers est le vendredi 16 janvier 1998. Faites parvenir vos projets à Madame Patricia Chalk, co-présidente des conférences de l'ACC/ACACC, Département de géographie, SSC, Université Western Ontario, London (Ontario), Canada N6A 5C2. Téléphone: (519) 661-3425; Télécopier: (519) 661-3750; Courrier électronique: Chalk@SSCL.UWO.CA. Les projets doivent inclure le titre et le résumé de la présentation, le nom et les coordonnées (adresse, téléphone, courrier électronique, ...) de l'auteur et vous devez indiquer, si requis, le matériel nécessaire pour la présentation. Les laboratoires Mac et PC seront disponibles pour des présentations spéciales.