

Science for Peace

UNIVERSITY COLLEGE, UNIVERSITY OF TORONTO, TORONTO, ONT. M5S 1A1 (416) 978-6928

Bulletin

Vol. 7, No. 7, September, 1987

President's Corner

Excerpts from an address to the June Conference at York
University: **OUTSIDE THE NUCLEAR CLUB**

One of Sherlock Holmes' stories was called "The Mystery of the Dog That Didn't Bark". It's a text for my remarks here. Why do we not hear a warning bark from Canadian sources when the USA, leader of an alliance of which we are a part, shows an increasing tendency to take action without consulting its allies? The NATO agreement is quite explicit about the obligation of all its members to consult before decisions affecting other members are taken or announced. Article 4 states:

"The parties will consult together whenever, in the opinion of any of them, the territorial integrity political independence or security of any of the parties is threatened."

Some say openly in the USA that unilateralism has come to stay and that we are moving into a post-coalition era of American foreign policy. If that is so, no one would be more adversely affected than Canada, tied as we are to "Fortress America" and its nuclear infrastructure as the main alternative to alliance collective security.

It is legitimate to ask whether Canada has a strategy of defence. In fact, Canada has two strategies: one not entirely compatible with the other. One is to try, through quiet diplomacy in multilateral fora like NATO and the UN, to persuade our allies to be sensible about the nuclear threat. The other is to be as accommodating as possible to the United States. Both are reflected in the Defence White Paper.

The White Paper on Defence issued by the Dept. of National Defence on June 5 raises some questions about the possibility of the Canadian government veering towards continentalism, away from internationalism. The plan is to remove forces committed through NATO to northern Norway in time of crisis and at the same time to emphasize defence of the north through the program to purchase 10-12 nuclear-powered submarines. This suggests to me that Canada seems to be moving towards becoming involved

in American forward-oriented maritime strategy which-in the event of crisis - would require sweeping northwards through the Norwegian Sea, threatening Soviet SSBNs and forcing the Soviet navy to the defensive.

Bringing the nuclear-powered submarines into the Canadian navy is rationalized as the protection of Canadian sovereignty. But our submarines, if in contact with American submarines, are to "track them" in order to complain. In contact with Soviet submarines, our boats would be expected to shoot in the event of a crisis.

Canada risks sending the wrong signal to the Soviets at a time when there is a growing interest in the demilitarization of the Arctic, involving the establishment of a nuclear-free zone by such circumpolar countries as Sweden, Norway, Finland, in order to reduce international tensions in the area.

- George Ignatieff

The papers delivered at this conference, to be edited by Patrick Gray (York U.), will be published in book form.

Available from the *Bulletin*: a US and a Russian response to Canada's Defence White Paper.

The National Youth Peace Prize



Three winners at the Ottawa Regional Science Fair were photographed with John Polanyi at a dinner honoring him in Ottawa in May. Elizabeth Henderson (left) and Andrea Grigotza went on to win the National Peace from Science Award (A trip to the UN). John Rust was the winner of the Museum of Science and Technology Director's prize.

Honourable mention in the national competition went to Shama Kulkarni, Queen Elizabeth H.S., Halifax, N.S.

Newsorthy

BOARD MEETING: Tuesday, Sept. 15, 7:45 pm at the Weatherleys', 15 St Andrews, Scarborough, Ont. Phone (416) 978-6928 or 438-0284 if you plan to come for pot-luck supper at 6:30.

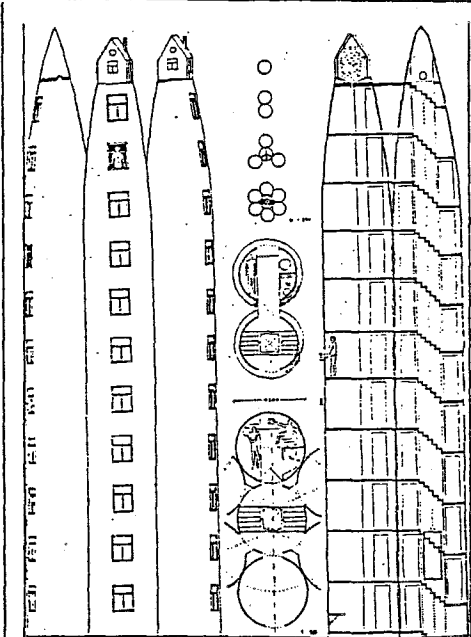


The June Bulletin of the Atomic Scientists published Carol Cohn's account of her encounter with defence intellectuals as "Slick'ems, glick'ems, Christmas trees, and cookie cutters: nuclear language and how we learned to pat the bomb". The original manuscript was offered to Sfp members in February and is still available.

Another aspect of metaphor is explored by Franklin Krohn, "Military Metaphors: Semantic Pollution of the Market Place" in the Summer, 1987 (Vol. 44, #2) issue of ETC. (ISGS, P. O. Box 2469, San Francisco CA 94126 USA)

President of the Chinese People's Ass'n for Peace and Disarmament. Zhou Peiyuan, welcoming delegates to the March UN Regional Conference of the World Disarmament Campaign in Beijing:

"Having been engaged in scientific research for more than five decades, I know very well that while science and technology should and can be used to benefit mankind, they may also be misused to bring harm to it....It is the aspiration of mankind and the goal of our struggle to halt the arms race, to stop the expansion of the arms race into the outer space and the sea and to make science and technology totally serve peace and benefit mankind.....According to Chinese tradition, rabbit is a harbinger of good fortune and this is the year of the rabbit."



Dubbed "an eternal Monument to the victory of peace", the above-pictured project of Serjio Barjin and Elena Kozelcova was awarded special mention at the UN International Year of Shelter exhibition organized by the Superior Council of Architects of Spain. - *El Pais*, 31 July, 1987.

Einstein Letter

A 1948 letter on the letterhead of the Emergency Committee of Atomic Scientists, Princeton, N.J., USA, typewritten and signed in light blue ink by Albert Einstein, was discovered by Torontonian Deborah Anderson folded as a bookmark in a Mississauga flea market book. The letter said Einstein feared "the imminence of war and the inevitability of the use of atomic weapons in that war." He urged scientists to "do all within our power to assure that this historic achievement of mankind does not become his trap and his tomb."

Ms. Anderson intends to donate the letter probably to the U of T's Einstein collection at the Thomas Fisher Rare Book Library.

SDI

Plans for a dialogue between David Parnas and supporters of SDI at the Winter Meetings of the AMS in January 1987, according to the chairman of the panel, did not materialize. It seems no SDI supporter would "engage" and an illness kept Parnas from a resultant scheduled monologue.

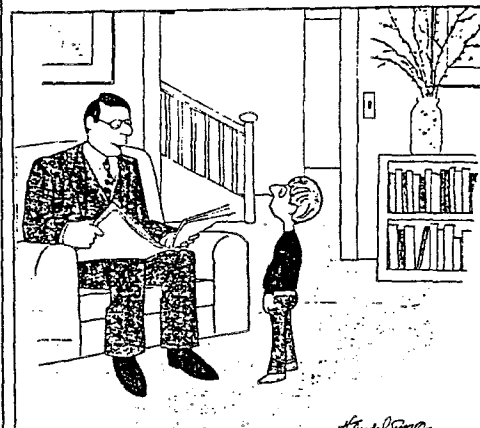
"I think the uses of mathematics in SDI present plenty of controversy which should be much more widely and seriously discussed. The Council has given its approval to a lecture or panel at each Winter meeting hosted by the Science Policy Committee on some 'Social Use of Mathematics'."

-David Eisenbud, Brandeis Univ.
AMS NOTICES, August, 1987

SfP's Volunteer "Staff"

Research Director Paul LeBlond "started it all" by persuading some of Canada's leading scientists in strategic locales to become his "associates" last year. Then education director Anatol Rapoport followed this year with further persuasive efforts to match research associates with education associates. The approximately 25 recruits for the unpaid-hero positions will meet for the first time September 12 - 13 to discuss how they can make best use of the limited time at their disposal to effect significant research and education programs with their colleagues in Science for Peace.

This group will carry out a staff function of coordination and communication. To begin with, they need to know what research and education programs with a focus on science for peace members are engaged in or planning now. The meeting will be in Toronto - send your reports, ideas, suggestions, comments, etc., to the national office, attention Paul LeBlond or Anatol Rapoport.



"I'm a social scientist, Michael. That means I can't explain electricity or anything like that, but if you ever want to know about people I'm your man."

Statements at the Conference on Disarmament, Palais des Nations, Geneva, August 6, 1987, on the 42nd Anniversary of the atomic bombing of Hiroshima and Nagasaki by E. A. Shevardnadze, Minister for Foreign Affairs of the USSR; Ambassador Dr. von Stülpnagel, Federal Republic of Germany; and Ambassador Friedersdorf, USA, are available from the *Bulletin*.

The Summer issue of *Quaker Concern* details the extent of weapons testing across Canada from Laborador to Vancouver Island. The testing for the nuclear weapons delivery systems of NATO allies is carried out by and for West Germany, Great Britain, The Netherlands and the US. The Innu, over whose land the Quebec-Laborador test flights occur, have never ceded their land to Canada.

Colleagues Abroad

Die THD Initiative für Abrüstung (The Technische Hochschule - Darmstadt Initiative for Disarmament) a working group of teachers, researchers, non-scientific research workers and students, seeks to clarify global threats to peace, the interface of science, technology and the arms race, to research alternatives to the arms race and to develop a sense of social responsibility for such matters among scientists and students. A seminar series, speakers' bureau and regular meetings of research groups constitutes their program. The THD Initiative is preparing for Winter 1987 a lecture series on alternative defence concepts for Europe, with which NATO is unable to deal. The series will be a featured part of the nationwide Peace Week, 9-10 November.

For German-reading colleagues, a member of the Initiative, Helmut Fleischer, has made two of his papers available to SfP members on request:Four reprints from *Nürnberg Zeitung* (1985-87) of articles about the history of German Naziism, and*Der Ruf nach einer "Ethik des Friedens"* (A Call for an "Ethics of Peace"), a chapter from his book, *ETHIK OHNE IMPERATIV* (Ethics Without Imperative), Frankfurt, 1987.

Two students with Volkswagen Foundation Fellowships have spent the academic year in Darmstadt studying with members of the Initiative.

Since the Chinese People's Liberation Army started a program of training its soldiers in civilian skills, more than 1,000,000 have mastered trade skills and know-how needed for the country's development and have been demobilized.

SIPRI YEARBOOK 1987. - *World Armaments and Disarmament* is available at main bookstores or from SIPRI, Bergshamra S-171 73 Solna, Sweden: "1986 did not live up to its name as the International Year of Peace. At the end of 1986 there were 36 wars and armed conflicts being fought, the most destructive of which (the Iraq-Iran War) involves the USA and the USSR both supplying arms to the combatants and now protecting shipping in the Persian Gulf. Arms control came to an impasse, weapons proliferated and arms transfers became more uncontrolled."

Now Available

Professor Dieter Senghaas, University of Bremen, West Germany, *Transcending Collective Violence, the Civilizing Process and the Peace Problem*. Manuscript of the acceptance address delivered at the awarding of the 1986 Lentz Memorial Peace Prize. From the *Bulletin*.

In Memoriam

C.B. MACPHERSON

C.B. Macpherson, known as "Brough" to his many friends, died peacefully on July 31 in the Toronto General Hospital. He was 75. He had been in frail health the last few years, but his mind remained sharp and clear till the end, and his research and writing continued.

Brough was a good and gentle man as well as a truly great scholar whose books were translated into and studied in many languages, and whose influence has been and remains profound in Canada and in much of the world. His early essays on Locke were for me an eye-opener. To have heard him lecture in the US in the days of Senator McCarthy, as I did, was good for the soul as well as the mind.

He distilled from his critical reading of the great works of Liberalism and Marxism the kind of practical wisdom that surely must have made better citizens out of many generations of students, not only at the U of T, and not only in Canada.

- Christian Bay

Bookshelf

William Epstein, *IS CANADA JOINING THE ARMS RACE?* Original manuscript. From the *Bulletin*.

Arthur Forer's update on *CHEMICAL AND BIOLOGICAL WEAPONS*, a March, 1987 paper describes current world policy and research with respect to chemical and biological warfare, in particular, Canadian research activities.

Walter W. Zessner, *TECHNOLOGICAL UTOPIANISM: Towards a Dynamic Analysis of Paradoxical Relations Between Visionary and Utopian Ideations*.

An open letter to the Hon. Daniel Inouye, U.S. Senate, re IRAN-CONTRA Hearings from Murray Wilton, Toronto.

Frank Chalk and Kurt Jonassohn, *"A Typology of Genocide and Some Implications for the Human Rights Agenda"*, from *GENOCIDE AND THE MODERN AGE - ETIOLOGY AND CASE STUDIES OF MASS DEATH*, edited by Isidor Wallimann and Michael N. Dobkowski, Greenwood Press, New York, Connecticut, London, 1987. MSS from the *Bulletin*.

Pamela Colorado and Sam Kounosu, *NATIVE PHILOSOPHY OF PEACE*. An introduction to Native philosophy and a Native American way of speaking about Peace.

From the *Bulletin*.

Published in May, 1987 by Academic Press, A.H. Weatherley and H.S. Gill, *THE BIOLOGY OF FISH GROWTH*.

Reviewed in *BULLETIN OF THE ATOMIC SCIENTISTS: Science and Society: A Directory to Information Sources*, Volume 1, *Defence and Arms Control* by Canadian Student Pugwash: "The book carries a distinct Canadian bias in source selection, but this detracts marginally from its utility in light of the international scope of the nuclear dilemma." (August issue)

Die Zukunft Europas: Probleme der Friedensgestaltung, by Dieter Senghaas, "- a comprehensive attempt to put the military issue into a broader political perspective." (May)

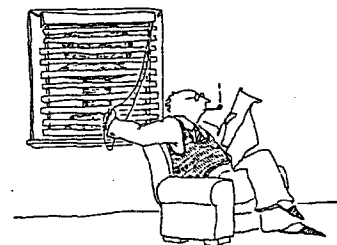
New: a publication of the Int'l Social Science Council: *THE QUEST FOR PEACE, TRANSCENDING COLLECTIVE VIOLENCE AND WAR AMONG SOCIETIES, CULTURES AND STATES*, edited by Raimo Väyrynen in collaboration with Dieter Senghaas and Christian Schmidt - foreword by Javier Perez de Cuellar. 26 authors are represented in this transdisciplinary study of warfare as a human institution, of the roots, manifestations and consequences of collective violence in human institutions. Sage Publications, 1987

The *Bulletin* can provide you with an overview of the American Academy of Arts & Science's Study, *Crisis Stability and Nuclear War*, which appeared in the Academy's *BULLETIN* in May. The study, in its entirety, has been published by Oxford University Press.

The same issue of the *BULLETIN* contains an important report on the status of IIASA (Vienna), the funding consortium's efforts to renew US government funding, and a survey of IIASA's ongoing programs. Former director, C.S. Holling (B.C. Chapter) is currently an associate research director of Sfp.

A NEW ACTOR on the Canadian Scene:

The Canadian Peace Educators' Network and its sponsor, Pembina Institute for Appropriate Development have launched a new quarterly publication: *Peace Education News*. For information, write the Pembina Institute, P. O. Box 839, Drayton Valley, Alberta T0E 0M0.



J.P. Rini, United States

Newsworthy

David Suzuki will be the keynote speaker for the 2nd Nobel Peace Prize Gala Dinner of IPPNW, 5 November, 6:30 pm, the Ballroom at L'Hotel, Front Street West, Toronto. Proceeds will support student and third world delegate attendance at the IPPNW CONGRESS '88 in Montreal.

Myriam Fernandez is spending a month in Brazil investigating Canada's (CIDA) Wheat Project in the country. She expects that she will, at a later date, be involved in some aspect of the Program.

Ursula Franklin has been appointed Director of the Museum Studies Program at the U of T. Prof. Franklin has been a Research Associate of the ROM for many years. She recently received the Elsie Gregory MacGill Memorial Award for exceptional contribution to education, science, technology or relief of poverty.

In record 34.4° heat, 20 thousand Winnipeggers did their sixth annual Walk for Peace June 13. William Epstein was principal speaker.

Alexander Rapoport's *Songs on Haikus by Tani Chieko and Asano Shofu* were performed in Hiroshima on August 6 and excerpts were broadcast on August 7 over CBC's *Music in My Life* series. Subject of this episode of the series was father Anatol Rapoport.

Peace Studies has expanded from a small network of programs and individuals promoting peace in classrooms, schools and campuses to a widespread movement and proliferation of programs and networks with broad-based acceptance among educational institutions. Members of COPRED seek new directions at the annual meeting.

PEACE STUDIES AT THE CROSSROADS

COPRED Annual Conference
12 - 15 November
Park East Hotel, Milwaukee, Wis.

For more information: Ian Harris, Dept. of Community Education, U of Wisconsin - Milwaukee, Milwaukee, WI 53201 USA. Tel: (414)963-5597.



"That's an excellent suggestion, Ms Winthrop. We'll wait for one of the men here to make it."

Letters

Dartmouth, 9 June

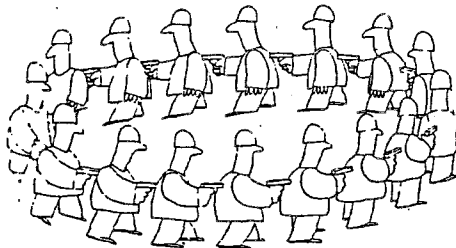
UPDATE ON NUCLEAR SUBMARINES ON THE EAST COAST

Early this spring our harbour filled up with ice floes - the first time for many years. When the ice went out, we greeted a nuclear attack submarine and, a few weeks ago, an old friend, the Trident missile submarine, USS Casimir Pulaski, dropped in for five days. Then came five nuclear-weapons-capable frigates, two British and three US. All this was quite low key, with no visible increase in security or precautions - this in spite of our sending an information package including "Unsafe Harbours" to all local civic officials.

I think the moral, so far as Canada's proposed nuclear submarine fleet is concerned, is that we have to insist on a full range of environmental impact studies covering building and basing submarines and their potential effect in Arctic waters. There is a very powerful industrial lobby building up behind these proposals. To get these environmental impact studies and then to get them made public will need a great deal of well-coordinated work.

- John Osborne

Balance of Power



Quebec City

Two members of le groupe de recherche pour la paix (Quebec City) - Erik Poole and Annie Bourret - are completing currently two bibliographies on French - language source materials concerning peace, war, conflict resolution, arms control and disarmament. One of these is a list of over 4000 titles organized by subject, while the second is an annotated bibliography in which 150 - 200 articles and books as well as 50-100 films are abstracted and critically reviewed. Primarily Quebecois and Canadian materials will be covered. The annotated bibliography is scheduled to be completed this summer and two Quebec publishers are interested in its publication.

- Helga Guderley

Lancaster, England

In September 1988 the Joint Matriculation Board is going to introduce the first A-Level Course in Peace & Conflict Studies in Britain. This represents a significant development in the teaching of Peace Studies in our schools and colleges. The course will be quite different from existing A-Level courses, both in its content and approach.

- Ruth Davies

Dear Dr. Ignatieff:

A word of appreciation for arranging to send to the reference collection of the Peace Education Resource Centre a copy of your inscribed book. Its collection will be enriched by this addition.

All of us look forward to cooperating with you in the various endeavours for peace in which you and we are promoting involvement.

I should also like to say how impressed I am with the outstanding programme and current activities of Science for Peace which has the good fortune of having you as its president.

- Mrs. Eryl Court
Toronto

Toronto Chapter

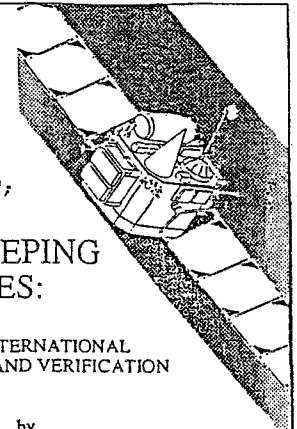
The Toronto Chapter resumes its weekly public lecture series Sept. 16 at University College, U of T, with Reports on Conferences: Janis Alton reports on the World Congress of Women in June and Eric Fawcett on the GCN and Pugwash conferences in Europe this summer. Co-sponsoring the lectures are Toronto Chapters of CPPNW, Lawyers for Social Responsibility, Educators for Social Responsibility, World Federalists, Psychologists for Social Responsibility, Engineers for Nuclear Disarmament and Philosophers for Peace.

Delegates to the IPPNW Congress Moscow '87 reported at a June 24 SFP lecture at University College, University of Toronto.

THE TORONTO CPPNW STUDY GROUP met in April and May with Arnold Simoni conducting discussion on the topic, "Soviet and American Policies and the Predicament of Present US/USSR Arms Control Negotiations". June's meeting discussed SDI with Dr. Don Fraser.

INTERNATIONAL PERSPECTIVES IN PUBLIC HEALTH (editor Rosalie Bertell) has a new format with Vol. 3, #1, Spring, 1987, and is actively seeking new subscribers. The Journal, published quarterly, is available from Ministry of Concern for Public Health, 5495 Main St., Suite 147, Buffalo, N.Y. 14221, U.S.A. \$20 US per year.

PEACE RESEARCH REVIEWS
Volume X Numbers 5 and 6



Just Released;

PEACE-KEEPING SATELLITES:

THE CASE FOR INTERNATIONAL SURVEILLANCE AND VERIFICATION

by

Walter H. Dorn

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