



Science for Peace

C/O PHYSICS DEPARTMENT, UNIVERSITY OF TORONTO, TORONTO, ONT. M5S 1A7

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BULLETIN

Vol. 2, No. 2 - May 7, 1982

Editor's note: This Bulletin is open to notices, correspondence and brief reviews of important articles and books. It now costs at least 30¢ to mail each issue off campus; if any recipient has an alternative address within an Ontario university, the Government of Ontario or the Toronto Board of Education, please inform the editor so we can make use of an internal mail system.

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SFP thanks Doreen Morton for typing this Bulletin.

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82.13. ANNUAL GENERAL MEETING: MARCH 31, 1982

The President's Report is enclosed, together with the new Board of Directors and reports on the two major projects in 1981 of Science for Peace:

- (a) Chair of Peace Studies at University of Toronto.
- (b) International Satellite Monitoring Agency (ISMA)

82.14. MEMBERSHIP CAMPAIGN

(a) Members: Each one of you is asked to copy the enclosed STATEMENT OF OBJECTIVES and MEMBERSHIP application form, and actively to solicit membership of Science for Peace among your friends and colleagues. Write for more forms if need be.

We remind you that your enthusiasm in recruiting new members should be tempered by the recollection that it is intended that Science for Peace should be action-oriented: it will define itself by its actions, which will normally be taken by individual members or sub-groups. Thus we should expect normally any member of Science For Peace to develop expertise in one of our research projects (see 82.18), in some educational activity (see 82.17 and 82.21) or organisational activity.

(b) Directors and Members are urged to form ad hoc Chapters of Science For Peace in cities across Canada, the formal relation to the national organisation to be worked out later. Such a Chapter should participate now in the local city network or coalition for peace and disarmament (e.g. in Toronto the Toronto Disarmament Network) to help organise events relating to UNSSOD II (see 82.19). A local Chapter should also be planning, now, educational activities for the Fall of 1982 (see 82.22). Membership will include, of course, local members of the national organisation (see the enclosed membership list of Science For Peace), but should also look for members to Academics For Nuclear Disarmament (whose local membership lists are available on request from the President) and to the Canadian Peace Research and Education Association (CPREA: see 82.15).

82.15. MEMBERSHIP RENEWALS

Membership renewals are due now for all directors (\$25.) and members who joined Science for Peace before 1 July, 1981 (\$15. and \$5. respectively for students and senior citizens or \$25. for group and family membership).

SOCIAL and HUMAN SCIENTISTS are welcome to join Science for Peace. They should consider also joining the Canadian Peace Research and Education Association (CPREA), which will cost them only an additional \$5. since Science For Peace and CPREA have a reciprocal membership arrangement. Full membership of CPREA for \$20. will bring them also a subscription to the CPREA Journal. Write directly to Professor M.V. Naidu, Department of Political Economy, Brandon University, Brandon, Manitoba R7A 6A9, (telephone 204-728-5835) or call Don Bryant who is editor of the CPREA newsletter at 439-8356.

82.16. TORONTO BOARD OF HEALTH RECOMMENDATIONS

The Toronto City Council adopted unanimously on April 1, the following statement from the local Board of Health on Public Health Consequences of Nuclear Weapons and Nuclear War.

- "1. That City Council direct the Department of Public Health, in consultation with the Public Information and Communication Services Division, City Clerk's Department, to develop a pamphlet on civil defence similar to that developed by the City of Cambridge, Massachusetts, and distribute it to every household in the City. The pamphlet should incorporate a tear off coupon or response sheet so that citizens can express their concern to their elected representatives."

The Local Board of Health recommends that the words "on civil defence" be deleted, and that after "City Clerk's Department", the words "and other interested groups" be added, and as so amended, the recommendation be adopted.

- "2. That the City of Toronto twin with a major Russian city and invite the Mayor and Council to visit Toronto."

The Local Board of Health forwards this without recommendation.

- "3. That the Local Board of Health direct the Medical Officer of Health to establish links with his counterpart in the chosen Russian city."

The Local Board of Health forwards this without recommendation.

- "4. That the Toronto Board of Education and the Metropolitan Toronto Separate School Board be requested to develop youth exchange programs with the chosen Russian city."

The Local Board of Health forwards this without recommendation.

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- "5. That the Toronto Board of Education and the Metropolitan Toronto Separate School Board be requested to develop a curriculum on nuclear war and the promotion of peace at junior, intermediate and senior school levels, in cooperation with peace and disarmament groups in the City."

The Local Board of Health recommends that the word "nuclear" be added before "disarmament" and, as amended, the recommendation be adopted. The Local Board of Health notes that the Toronto Board of Education has already begun to develop a curriculum.

- "6. That in support of Recommendation 5 the Toronto Board of Education and the Metropolitan Toronto Separate School Board be requested to increase staff awareness, provide in-service training for staff and develop curriculum materials."

The Local Board of Health recommends the adoption of the foregoing recommendation.

- "7. That City Council express its opposition to the production of components for nuclear weapons in Canada, and specifically in Toronto, and further that it request the Provincial and Federal cabinets to do all within their power to halt such production, and instead convert the production to peaceful ends."

The Local Board of Health recommends the adoption of the foregoing recommendation.

- "8. That City Council urge that the Federal government spend 0.1% of Canada's defence budget on disarmament education and research."

The Local Board of Health recommends that the word "nuclear" be added before "disarmament", and, as amended, the recommendation be adopted.

- "9. That City Council accept its ongoing responsibility with respect to this topic and that it develop a mechanism to ensure that the issue of nuclear weapons and nuclear war continues to be dealt with by the City of Toronto."

The Local Board of Health recommends that the foregoing recommendation be adopted.

- "10. That a copy of this report be sent to every Board of Health in Ontario; the Boards of Health of other major Canadian cities; the Mayors of all of Ontario's municipalities; the Association of Ontario Boards of Health; the Ontario Public Health Association; the Ontario Medical Association; the Premier of Ontario; the leaders of the Ontario Liberal and New Democratic parties; all Metropolitan Toronto M.P.'s; the Canadian Public Health Association; the Canadian Medical Association; the Deans of Canada's medical schools; the House of Commons Standing Committee on External Affairs and Defence; the Prime Minister of Canada; the leader of the Opposition; the leader of the New Democratic Party; all Metropolitan Toronto M.P.'s; the City of Toronto Board of Education; the Metropolitan Separate School Board; the Metropolitan Toronto School Board; president of the Toronto Student Council; the Committee of Heads; the Toronto Fire Chief; the Chief of Metropolitan Toronto Police, and the Mayor, City of Cambridge, Massachusetts, U.S.A."

The Local Board of Health recommends that the foregoing recommendation be adopted.

- "11. That a copy of this report be sent to the following Toronto-based groups working to avert the threat of nuclear war and promote peace. Physicians for Social Responsibility; Science for Peace; Project Ploughshares; Cruise Missile Conversion Project, Hiroshima-Nagasaki Relived and Operation Dismantlement."

The Local Board of Health recommends that the foregoing recommendation be adopted.

The Local Board of Health also recommends that the Medical Officer of Health be requested to report on the possibility of nuclear accidents in Metropolitan Toronto and on the preparedness for such occurrences.

In accordance with the stated objective of Science For Peace "to encourage educational activities directed towards peace" and "to provide scientific and technical advice", members in Toronto will find they are in demand as experts and teachers when these recommendations are implemented. Speakers to address community groups will be needed this Fall when a referendum on disarmament appears in the November election and when a pamphlet on nuclear war is sent to every household in the City of Toronto. In Cambridge, Ontario, the pamphlet attracted an overwhelming response (now in its third printing with 50,000 copies distributed). The recommendations relating to peace and disarmament education in the public schools will have a longer term effect, but clearly will make enormous demands on our resources in due course.

82.17. DISARMAMENT REFERENDA IN CANADA

Disarmament Referenda will likely appear on the ballot in many communities across Canada in November - 27 at the time of writing, including Ottawa, Toronto, Hamilton, Niagara Falls, North Vancouver, London, Kingston, Windsor and Vancouver. The question to be asked will be of the form: "Do you support the goal of general disarmament and mandate your government to negotiate and implement, with other governments, the balanced steps that would lead to the earliest possible achievement of this goal?" A positive answer to this question from a large number of Canadians will mandate the government to support a global referendum on disarmament. This is the eventual aim of OPERATION DISMANTLE, the organisation which has been largely responsible for the disarmament referenda.

Members of Science For Peace should consider joining Operation Dismantle (Box 3887, Station "C", Ottawa K1Y 4M5 : tel. 613-722-6001). If you are in a community where a referendum is to be held, you should find out how you can help with the educational activities leading up to the referendum. You should in any case explore the possibility of bringing to your Local Board of Health and/or City Council a proposal to adopt recommendations like those adopted by Toronto City Council.

The referendum decision in Toronto has one final hurdle to cross since a special by-law is needed to confirm the earlier decision. This may be critical and Alderman Richard Gilbert urges Toronto residents to telephone or write to their alderman supporting the referendum and to attend the Toronto City Council meeting for the discussion on the by-law at 9:00 p.m. on Thursday May 6.

82.18. UNA CONFERENCE IN TORONTO: MAY 13-15

The UNA Conference: MORE ARMS!, LESS SECURITY? will take place in Toronto May 13, 14 and 15. Members of Science For Peace should have received a brochure about this important conference. You are encouraged to attend and to keep in mind particularly our need to develop research projects in accordance with the stated objective of Science For Peace "to encourage scientific activities directed towards peace". We hope in the course of this conference to gain some insight into what might be suitable research projects for Canadian scientists. The Workshops scheduled on Saturday morning May 15 will provide an especially good opportunity to find what is needed, and we plan to get members of Science For Peace together immediately after the conference at 5:00 p.m. on Saturday afternoon

May 15 for a round-table discussion over dinner to work out a roster of suitable research projects -- a notice about this will be posted at the conference.

If you have not already registered for the UNA Conference, you should do so soon: \$48. including Friday banquet and Saturday lunch, OISE Conference Office, 252 Bloor Street West, 12th floor, Toronto M5S 1V6. If you are able to attend only the Saturday morning workshop, we are negotiating a suitable reduced registration fee with UNA.

If you are not able to attend the UNA Conference, please write in with ideas for research (or educational) projects in which you would like to participate.

82.19. INTERNATIONAL SATELLITE MONITORING AGENCY (ISMA)

A copy is enclosed of the Science For Peace brief on ISMA, which was presented February 16 to the House of Commons sub-committee on Security and Disarmament. We strongly urge you to write to your MP and to other interested parties advocating that the Canadian government should support this proposal at the United Nations Special Session on Disarmament (UNSSOD II). A sample letter is enclosed, but a letter in your own words is preferable -- in any case you should tell your MP that the Science For Peace brief is printed in the minutes of the proceedings of the Standing Committee on External Affairs and National Defence, Issue 57 (16 Feb. 82)

Representatives of Science For Peace and also of Hiroshima-Nagasaki Relived will be presenting this brief in June in New York at the sessions reserved for Non-Governmental Organisations (NGO) and 300 copies have been sent to the UN for distribution to other NGO's. However it is of the utmost importance that the Canadian government should support the ISMA proposal.

82.20. POSITION PAPER NO. 2

The Standing Committee on External Affairs and National Defence issued a quite lengthy report on security and disarmament. However six MP's (from all parties) have dissented from the official report and they have issued a Minority Report. We are informed that Prime Minister Trudeau is also unhappy with the official report, and that he may well turn to the Minority Report when he decides what he will propose when he speaks June 14 at UNSSOD II.

The Minority Report on Security and Disarmament is enclosed. It has been added to the George F. Kennen Proposal for International Disarmament as a Position Paper of Science For Peace.

We strongly urge you to write to Prime Minister Trudeau to encourage him to speak in the spirit of this report when he addresses the General Assembly at the United Nations Special Session on Disarmament. Several copies of your letters to the 6 signators of the Minority Report, to the leaders of these opposition parties and to the Ministers of External Affairs and National Defence, and of course, to your own MP: remember that no postage is needed to write to parliament, so the only cost is your time and the photo-copy machine! (address: House of Commons, Ottawa K1A 0A6). If you are short of time, a telephone call

to the Prime Minister's office is quite effective: 613-992-4211. If you receive a form letter reply, then you should realise that normally there is no form letter reply suitable for dealing with a second letter.

Another mechanism for interacting effectively and rapidly with MP's is the "Public opinion message", a telegram of not more than fifteen words to a member of the House of Commons for \$2.65. You need the postal code, K1A 0A6 and you should ask that it be delivered, not phoned. For longer messages use "night letters", Letters to MPs at the House of Commons are postage free.

82.21. UNITED NATIONS SPECIAL SESSION ON DISARMAMENT

(UNSSOD II) is the high-point of peace and disarmament activities in 1982. Members of Science For Peace wishing to participate in the activities in New York, should write for further information, but the following brief notes will give some indication of the arrangements:

(a) Housing at \$13. per night is being arranged at Columbia College(men) and Barnard College(women).

(b) A trip June 10 (7:00 a.m. departure) to June 13 (Sunday ca. 10:00 p.m. return) for \$75. (\$114. including room) is being arranged by Voice of Women (for men and women) -- write 175 Carlton Street, Toronto M5A 2K3 for application form or telephone 922-2997.

(c) June 11: a room at 777 UN Plaza floor 10 has been reserved for a meeting of all Canadians Friday evening.

June 12: march and rally from Central Park to UN.

June 13: international open air gathering and disarmament services in New York churches.

(d) Most activities will be accessible to the public, but if you wish to have a UN grounds pass giving you access to the UN building you must supply a registration form (3 copies) and passport photo (2 copies) to Science For Peace which must forward them to the UN by May 24 (registration forms available on request). Even this procedure may not work since Science For Peace is still in the process of becoming an official Non-Governmental Organisation (NGO).

82.22. ATTENTION: PHYCISISTS

Physicist members of Science For Peace (and others concerned about societal problems relating to physics) who are attending the CAP Congress in Kingston in June are invited to participate in an informal discussion on Physics and Society. The time and meeting place will be announced at the Congress.

82.23. CANADIAN DISARMAMENT CAMPAIGN (CDC)

This is being formed with the structure and functions described in the enclosure. The CDC Peace-Disarmament Calendar 1982 on the reverse side is one example among many of the useful services CDC will provide.

82.24. FAS NUCLEAR WAR EDUCATION PROJECT

The FAS project has these objectives:

- (a) to develop study groups and course modules on nuclear war.
- (b) to train scientists and others to give presentations to schools and community groups.
- (c) to develop and distribute teaching materials.

This project is new and promises to be invaluable for Science For Peace's educational activities. A newsletter COUNTDOWN will be issued regularly containing information about course modules, conferences, organisations, activities, book and film reviews etc. We enclose a copy of the first and last pages of the first issue of COUNTDOWN for March 1982 plus book and film reviews to give you an idea of the value of their publication. We encourage Science For Peace members, particularly those planning educational work, to subscribe to COUNTDOWN.

82.25. TORONTO PEACE FILM SERIES

The Peace Film Series is expected to start towards the end of May -- watch the "Keep This Date" column in Thursday's Globe and Mail or the "What's Happening" column in Thursday's Toronto Star.

82.26. REPORT ON EDUCATIONAL ACTIVITIES

Through Bob Spencer, Chairman of the Toronto Board of Education, I received an invitation to speak to the Program Committee of the Board on behalf of Science For Peace and Hiroshima-Nagasaki Relived. I spoke for about 10 minutes, outlining briefly why the peril of nuclear war is considered to be increasing, what a nuclear war would mean to Torontonians and to human civilization in general, how only public awareness and public protest can reverse the trend to war, and finally the responsibility of a public education Board to inform and involve students in study and discussion of these vital issues. I pointed out the timing relative to UNSSOD II.

It turned out that Trustee, Fiona Nelson, has already taken some initiative in this matter and had established a Committee to deal with it. (Terry Gardner is a member.) Spencer's motion for action was referred to the Committee and Fiona said she would hold a meeting very soon and invite me to make a presentation. One month later and still no action! Terry will try to find out why the Committee is moving so slowly.

When the Toronto Board of Health passes the recommendations of its Advocacy Unit, additional pressure will be put on the Toronto Board to take initiatives with respect to staff/student seminars, curriculum development, etc.

Other than goodwill, there seems to be no specific action being contemplated by other Boards in the Toronto area.

What is probably required is for someone (?) to prepare a short 15 minute presentation replete with good slides and illustrations and to ask every Board

in the Metro Area for an audience before their program or curriculum committees. An alternative would be to try to work through the Teachers Federations -- but this may be a cumbersome route. In any case, action of this type takes lots of time, needs to be extremely well done, and the usual problem arises -- who has the time to do it?

(Lynn Trainor)

82.27. POSTER-BOOK ON THE DANGERS OF NUCLEAR WAR

Now available for \$5. -- postage included, is a nuclear war dangers poster-book in the form of maps and diagrams with commentary by Dr. William Bunge, geographer. Copies of the book are available from Mrs. Bunge at 15 rue Sacré-Coeur, Arthabaska, Quebec G6P 5Y3.

82.28. PUBLICATIONS AND PAST EVENTS

(a) Book: Jonathan Schell, The Fate of the earth (Alfred A. Knopf, N.Y., \$11.95). A chilling projection of the consequences of nuclear war and an analysis of the choices before us. Articles by the same author have been published in the New Yorker of February 1, 8, 15. The SCM Bookstore (333 Bloor St., Toronto, M5S 1W7) has been asked to stock copies.

(b) Magazines: The Progressive, February, 1982 contains articles under general heading Edging toward war: The logic of nuclear escalation (Richard Thaxton), The stuff that bombs are made of (Samuel Day & Catherine Quigg), The return of chemical warfare.

Write to Reprints, The Progressive, 409 East Main St., Madison, WI 53703.

The Defence Monitor, Vol. X, No. 8 (1982) published by the Center for Defense Information. Preparing for nuclear war: President Reagan's Program.

(c) Article: Donald G. Bates, Nuclear holocaust (Globe & Mail, March 15, 1982, p.7).

(d) Meetings: March 16, 1982. (University of Toronto) Canada as a nuclear weapons free zone with Dr. Hanna Newcombe (Peace Research Institute)

March 22, 1982 (Jesuit Centre, Toronto) Nuclear power, nuclear weapons: an Asian perspective with Dr. Yasuo Nakagawa (Kobe University, Japan). and Mr. Peter Neu (Maryknoll lay missionary, Hong Kong).

April 20, 1982 (Toronto Arts Production Forum) If you love this planet Film presentation and discussion by panel moderated by Rev. Clifford Elliot.

April 22, 1982 (University of Toronto) Convocation to prevent nuclear war Films, display and panel on "Economic effects of the arms race" sponsored by Student Pugwash, SCM and Science for Peace.

82.29. TORONTO DISARMAMENT NETWORK SPECIAL UNSSOD II EVENTS June 4-6

The Toronto Disarmament Network is presenting the following events for the United Nation Second Special Session on Disarmament.

Friday, June 4, 7:30 p.m. at Convocation Hall

Harvey Cox (Harvard Divinity School) "Spirituality and Nuclear War"

Richard Falk (Director, International Studies, Princeton) "Is the Nuclear Arms Race Legal?"

Music by Bob Carty, Paula Kriwoy, Dave Graham

Responding Panel: Moderator - Setsuko Thurlow

Members - Ursula Franklin, Dan Heap, Richard Koypcinski, Dave Patterson

Tickets: \$2. (Students & seniors, \$1) stamped self-addressed envelope with cheque to Toronto Disarmament Network, 730 Bathurst St., Toronto, Ontario M5S 1C4

Saturday, June 5

10:30 Meet at Bloor & Christie for parade to Queen's Park

12:30 Picnic at Queen's Park with entertainment and speakers

Sunday, June 6

Evening music festival for peace

Details: 532-6720

82.30. SCM BOOKROOM PEACE AND DISARMAMENT SECTION

The SCM Bookroom has established a section for books on Peace and Disarmament. Currently they are featuring a selection of these books in their display cabinet outside the shop. We should encourage them by giving them our custom (10% cash discount!). Also you may have suggestions for books they should stock: call Beverley Stilmore, who is in charge of this section, at 979-9624. Call this number for orders, or write to SCM Bookroom, 333 Bloor Street West, Toronto M5S 1W7.

82.31. NATIONAL ACADEMY OF SCIENCES RESOLUTION

The National Academy of Sciences of the U.S.A. issued 27 April, 1982 a Resolution on Nuclear War and Arms Control. An overwhelming majority of the more than 200 members gathered at the annual meeting in Washington called upon U.S. Congress, the President, and other world leaders to reopen and intensify efforts to reduce the threat of nuclear war. This unprecedented action by NAS should be emulated by other learned societies. We encourage members of Science for Peace who are Fellows of the Royal Society of Canada to introduce a resolution (perhaps based on the Minority Report) at the annual meeting in Ottawa in June.

82.32. ACTION BY MEMBERS OF SCIENCE FOR PEACE

Science For Peace is described in our manifesto as an organization which "will be action oriented: it will define itself by its actions, which will normally be taken by individual members or sub-groups". If we are to succeed in making a significant contribution towards achieving our objectives, members of Science For Peace must make personal initiatives.

In this issue of the Bulletin members are urged to take the following actions:

- 82.14. - recruit new members and form Chapters of Science For Peace across Canada.
- 82.15. - renew their own membership and consider joining the Canadian Peace Research and Education Association.
- 82.17. - promote Disarmament Referenda and consider joining Operation Dismantle.
- 82.19. - write your MP about the ISMA proposal.
- 82.20. - write to Prime Minister Trudeau supporting the Minority Report on Security and Disarmament.

These actions constitute the minimum set for effective participation in the work of Science For Peace. We need much more -- "your ideas, energy and involvement to help us confront the deadly threat of war waged with weapons of mass destruction". We need personal initiatives of members in research and education directed towards peace.

The organizational structure of Science For Peace reflects this need. We now have an expanded Executive, which includes as well as the president, secretary and treasures also executive directors for the Bulletin, for Education and for Research.

82.33. STOP PRESS

Recommendation no. 27 of the NINTH REPORT of the parliamentary standing committee on External Affairs and National Defence reads as follows:

"The Committee believes strongly that the Government should support in principle the establishment of an International Satellite Monitoring Agency (ISMA) and seek to work out a satisfactory agreement concerning its authority and functions in co-operation with the other members of the world community. At UNSSOD II Canada should give affirmative support to discussions on this question, with a view to our active participation in the agency".

Congratulations Tom Clark, Lynn Trainor who did so much to get this proposal through, and to Franklyn Griffiths, John Polanyi, George Ignatieff who supported the idea so excellently and to Bill Epstein who was suggesting it many years before Giscard D'Estaing!

82.34. ADDRESS LIST OF DIRECTORS AND MEMBERS

Enclosed is a recent list of SFP members. Please note the following errata:

Prof. M.V. Naidu's postal code is R7B 2N3
 J. Findlater's address is 240 Durie Street, Apt. 309, Toronto,
 M6S 3G1

We welcome these new members:

Mr. Bruce Bacquie, 240 Durie St., Apt. 208, Toronto, M6S 3G1

Mr. Tim and Mrs. Margaret Brac, 911 Wonderland Rd., Unit 70
London, Ontario

Mr. Merle Gould, 31 Glen Rush Boulevard, Toronto, M5N 2T4

Mrs. Sarah Lewis, 21 Mayfair Ave., Apt. 501, Toronto, M5N 2N5

Mr. Stephen Northfield, 10 Emily St., Port Dover, Ontario,
NOA 1N0

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Science For Peace thanks

IS FIVE PRESS

467 Richmond St. E.

Toronto M5A 1R1

for printing this Bulletin and some inserts

Purposes of Science for Peace

The annual general meeting of Science for Peace voted on 31st March to change the wording of our purposes to read as follows.

OBJECTIVES

1. to raise awareness, especially among Canadian scientists and educators, of the clear and present danger of war waged with weapons of mass destruction, especially nuclear weapons;
2. to make specific proposals towards reducing the danger of war;
3. to encourage scientific activities directed towards peace, and to urge the publication and dissemination of the findings of peace research;
4. to encourage educational activities directed towards peace;
5. to interact with other expert groups for exchange of information, and for educational and research activities;
6. to prevent scientific and technical advice to other groups having compatible objectives.