

INTERNATIONAL SOCIETY FOR THE HISTORY, PHILOSOPHY, AND SOCIAL STUDIES OF BIOLOGY

NEWSLETTER

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SOCIETY AND MEETING INFORMATION

From the President's Corner

Peter Taylor, President 1995-97
30 March 1997

Traditionally – I think we can use this term after 15 years of the Society and its informal precursor group – ISHPSSB conferences are full of innovative sessions, stimulating discussions, and openings for new participants. With the contributions of members who proposed sessions, of Program Organizer Bob Richardson and his committee, and of Keith Benson on local arrangements, the Seattle meetings will con-

tinue the tradition. This newsletter includes the provisional program and registration details we've been looking forward to. To assist you in encouraging newcomers, the newsletter also includes a flyer and membership form – please make copies and distribute in appropriate places. If more information about the program is needed, the abstracts and revised versions will be posted on the Society's Website in the next month or so.

Although the session topics cover a wide range of H, P, SS, and B concerns, I am intrigued by the confluence of currents that make psychology, mind, self, and agency prevalent themes in the program. Or is this only in my perception? Explanatory hypotheses welcome.

Student travel grants

Unfortunately, the deadline for graduate student travel grant applications has passed, so the Society cannot offer more help in this area. People who applied will be informed about their funding by the end of April.

Elections

Because of the Society's current by-laws, the ballots cannot be sent out until we are closer than 70 days to the meeting. If you do not get a ballot in mid- to late-May, it may be because your membership is not current. Please take note of the address label on this newsletter and respond quickly if you want to remain enfranchised.

After the Seattle meetings I will, as past-president, be chair of the nominating committee for the 1999 elections. So I welcome people letting me know of their interest in helping with future program organizing, local arrangements, and other Society offices. People interested in serving on the various committees for '97-99, especially the Program Committee and the Newsletter / Internet Committee, should let me or Lisa Lloyd, the president-elect, know.

Rule and administrative changes

As ISHPSSB grows and develops, various administrative glitches and challenges become apparent. Many of these can be dealt with by decisions of the council (a.k.a. board of directors) and executive committee. Some, however, call for changes in our formal by-laws. At the general meeting of

President's Corner continued on next page...

the Society at Seattle, the following rule changes will be proposed. The new text is underlined; deleted text is in brackets.

ARTICLE II, 5. ANNUAL MEETING. After the end add "The annual meeting of the Members may decide not to hold an annual meeting in the following year if a conference of the Society is not to be held that year." At the moment, we violate our by-laws in holding biennial general meetings.

ARTICLE II, 13. VOTING. "a mail ballot shall be sent to the entire Membership of the Society no more than [seventy (70)] one hundred (100) days prior to the Annual meeting." This change would allow us to mail ballots with the spring newsletter prior to the conference.

ARTICLE III, 10. EXECUTIVE AND OTHER COMMITTEES. "The Nominating Committee shall consist of the immediate Past-President, who shall serve as its Chairperson, [and such other Directors or officers of the Corporation] at least one other Director or officer of the Corporation, and other Members of the Society as the President shall appoint, which appointees shall be approved by the Council. The Council, by resolution adopted by a majority of the Directors entitled to vote, may establish other committees as it shall deem advisable. The President shall appoint the Directors to serve on such committees, each of which shall consist of two (2) or more Directors and other Members of the Society." These changes ensure that two members of any committee other than the executive are from the council, but the rest can be from the membership at large.

These rule changes will be moved and voted on at the general meeting, which will be held on Friday, July 18th., starting at 5.30 p.m. at the conference in Seattle. Other administrative changes, which do not require rule changes, but which members may wish to discuss at general meeting, include the following:

1. The Past-President, as chair of the Nominations & Elections Committee, will handle the elections, so that no one standing for office would be doing that job. Members of that committee wanting to stand for office should arrange for a nomination from the membership at large, not from the committee itself.
2. At the end of every quarter, the local arrangements coordinator will report to the Executive Committee, as well as to the Local Arrangements & Site Committee, on plans, progress or lack thereof.
3. At the end of every quarter, the program officer will report to the Executive Committee, as well as to the Program Committee, on plans, progress or lack thereof.
4. The Council decided to use some of the Society's funds to provide travel grants for students presenting papers at the meetings. The Council also agreed on two-tier registration fees, the lower level applying to students and members from countries with disadvantageous exchange rates.
5. The Society now has the following committees: Executive Committee, Nominations (& Elections) Committee, Local Arrangements & Site Selection Committee, Program Com-

mittee, Prize Committee, Newsletter/Internet Committee, By-laws Review Committee

Survey on transdisciplinarity

This survey aims to elicit material for a planned article on the significance of transdisciplinary studies of science. What has transdisciplinarity meant for people's work and careers? What has been the role of ISHPSSB in facilitating that work? In order to gain a larger sample size, the survey will be included with the registration packets. I welcome completed surveys and plan to process them in the fall. It is expected that highlights of the survey will appear in the ISHPSSB newsletter and be made available via the internet.

See you in Seattle,
Peter Taylor

Notes on the 1997 Meeting

Robert C. Richardson, Program Committee Chair

The 1997 meetings will be held from Wednesday, July 16th through Sunday, July 20th, 1997, in Seattle, Washington, USA. The preliminary program is included in this Newsletter. For updates, consult the web site for the Society.

Ron Rainger, Treasurer

Student travel awards will be announced by late April. Student travel awards will be given out at the meeting; they will not be sent to awardees beforehand. In other words, students will need to seek Ron out at the meeting in Seattle; he will have their checks and will hand them out at that time.

Keith R. Benson, Local Arrangements Committee Chair

The 1997 ISHPSSB Meeting will be held on the campus of the University of Washington in Seattle. Registration and housing arrangements will be made at the University's housing office, located in McCarty Hall on campus. See the Housing Reservation form in this Newsletter. Additional material will be sent to all registrants prior to the meeting.

The opening reception and the banquet will be held on the balcony level of Hackett Hall, immediately adjacent to the housing for the meeting. Both events will feature the wonders of the Northwest: hand-crafted ales, Northwest wines, and salmon! The housing is located on campus and overlooks Lake Washington. So, prepare to enjoy yourselves, socially, intellectually, and environmentally.

Information on local transportation including shuttles from the airport and sight-seeing in Seattle will be sent out in June.

We look forward to a great meeting! See you in Seattle.

Notes on the 1997 Meeting continued on next page...

Chris Young, Student Representative

The Meeting in Seattle promises to be a terrific event for graduate student members of ISHPSSB. The program is loaded with presentations of innovative, cutting-edge research by fellow graduate students and leading scholars alike. In addition, the numerous scheduled receptions will undoubtedly give way to virtually unlimited opportunities for socializing and exchanging ideas about history, philosophy, social studies of science, biology, and whatever other topics come to mind. Be prepared to talk about your own interests and research and also to learn about the latest from new friends.

Graduate students will meet, tentatively Friday evening, to elect a new Student Representative (since the end of my tenure draws closer with each dissertation chapter I write). Duties of the Student Representative are minimal, but it is a great way to get involved with a vibrant community of scholars. Send nominations to me before the meeting.

Finally, prepare yourselves for an unforgettable weekend. Seattle is known for its unique appeal, and Keith Benson knows how to highlight that appeal for a wide variety of interests. Bring your appetite for the best the Pacific Northwest has to offer!

Notes on the 1999 Meeting

From Ana Barahona Echeverria (abe@hp.fcienias.unam.mx), on behalf of the Mexican "Committee" for the 1999 meeting (Carlos Lopez Beltran, Edna Maria Suarez, Sergio Martinez)

We want to reassure ISHPSSB members that, due to the economic crisis in Mexico, meetings there will not be as expensive as USA and Europe. Today, three-star hotel rates are US \$35 per night. This should compensate for any extra travel expenses that people have getting to Mexico.

ISHPSSB Website and Listserv

From the Webmeister, Valerie Hardcastle

The official ISHPSSB Website is located at:

<http://www.phil.vt.edu/ISHPSSB/>

The web pages contain the latest newsletter, 1997 program information, instructions for how to subscribe to our listserv, and links to additional resources in science and technology. You can join ISHPSSB right over the web, as well as participate in a survey on the impact ISHPSSB has had in your professional life. You can access the site by typing the http address into any web-browser (though Netscape is recommended for the graphics). Updated on a regular basis, the site will soon include this newsletter, the 1997 program, com-

mittee assignments, local arrangements for Seattle, and general news about our society. Ideas for additional items to include are always welcome – please forward them to Valerie Hardcastle; e-mail: valerie@vt.edu

From the Listmeister, Chris Young

We have established a moderated e-mail list, "listserv," for the Society. Any member interested in receiving mailings on this listserv should "subscribe" to the list by sending the following message:

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SUBSCRIBE ISHPSSB-L yourfirstname yourlastname  
to  
LISTSERV@tc.umn.edu
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By the way, the reason there is only one 'S' in our listserv name is because we were limited to 8 characters.

Once you subscribe to the list, your name and e-mail address will be added to the list and you will receive a verification. At that point, you can participate in conversations on the e-mail list.

To send a message to all the people currently subscribed to the list, just send mail to:
ISHPSSB-L@tc.umn.edu

The newsletter will also go out to the listserv. Every ISHPSSB member is encouraged to subscribe to the e-mail list to enjoy more frequent and rapid correspondence with other members. If you know other members who have not subscribed, please encourage them to do so. Of course, an e-mail list should not marginalize members whose internet access is limited, by location or by choice. The Society will continue its regular mailings.

Other Websites/e-mail Lists of Interest

Horus Gets in Gear

Professor Ronald Tobey has put his student guide to the History of Science on the World Wide Web. The guide is entitled *Horus Gets in Gear: A Beginner's Guide to Research in the History of Science*. It can be found at:
<http://www.kaiwan.com/~lucknow/horus/guide/tp1.html>

H-SCI-MED-TECH

Announcing the inauguration of H-SCI-MED-TECH, an electronic discussion list intended for the growing number of scholars who study science, medicine and technology across a wide variety of periods and regions of the world. Our aim is to foster communication on these subjects within and across the disciplines of history, the history of science, the history of medicine and the history of technology, which have become distinct professional fields despite their obvious (and not so obvious) interconnections.

Other Websites/e-mail lists continued on next page...

H-SCI-MED-TECH is one of 80+ discussion lists in history and the humanities sponsored by H-NET. Subscribers will be able to share information about teaching and research, to get news of professional activities (e.g., jobs, conferences, fellowships and grants) and, most importantly, to participate in conversations about matters of common interest: new methods, new questions and new scholarship. The editors (Nina Lermann, Whitman College; Harry M. Marks, Johns Hopkins University; and Kathryn Olesko, Georgetown University) welcome your participation and views about what H-SCI-MED-TECH should be doing. To subscribe, send the following message: "subscribe H-SCI-MED-TECH your name, your institution" to: listserv@h-net.msu.edu

Science as Culture

The journal *Science as Culture* has an associated e-mail forum:

science-as-culture@sjuvn.stjohns.edu

To subscribe, send the following message "SUB SCIENCE-AS-CULTURE yourfirstname yourlastname" to: listserv@sjuvn.stjohns

A web site associated with the journal and forum holds articles from back issues of the journal, as well as submissions under consideration (not obligatory), whose authors may benefit from constructive comments for purposes of revisions before the hard copy is printed, as well as longer pieces not suitable for the e-mail format which forum members may wish to discuss:

<http://www.shef.ac.uk/~psysc/rmy/sac.html>

Philosophy Site

A new philosophy list of lists has been established at:

<http://www.uniovi.es/~filesp/lechuza.htm>

ANNOUNCEMENTS

Darwin Multimedia CD-ROM Available to ISHPSSB Members

Lightbinders and ISHPSSB are pleased to make the following exclusive offer to teachers of Darwin, evolution, and the history to philosophy of science.

Lightbinders has recently finished the second edition of *The Darwin Multimedia CD-ROM*, (list price \$49.95, ISBN: 1-889175-01-3). This remarkable disk is an integrated compilation of the major works of Charles Darwin: *The Origin of Species*, *The Voyage of the Beagle*, *The Descent of Man*, *The Expression of Emotion in Man and Animals*, the monograph on the *Cirripedia*, and *The Structure and Distribution of Coral Reefs*. It also contains a selection of many of the lesser-known works, which can be difficult for even to most devoted Darwinian to obtain. Never before have these rare titles been presented together, let alone integrated by extensive cross-reference hyperlinks.

Also included is the acclaimed *Triumph of the Darwinian*

Method, written by renowned Darwin expert (and ISHPSSB member) Dr. Michael T. Ghiselin, and a video in which Sir David Attenborough narrates an appeal for the restoration and preservation of Down House, Darwin's residence.

The *Darwin 2nd Edition CD-ROM* uses the multi-platform DynaText interface, which has of extensive hyperlinks and advanced multimedia features. The sounds of many animals, including the birds of the Galapagos, are accessible through audio links. The maps and drawings of the original publications have been faithfully retained, enhanced by the beautiful illustrations of the original specimens collected by Darwin during his historic voyage. A description of the disc can be seen at the Lightbinders web site (<http://lbin.com>).

Through ISHPSSB, we are offering **free** Darwin CD-ROMs to teachers who will evaluate it for use in their classrooms. Interested teachers are asked to provide their name, school, and relevant course, and the promise they will consider the CD-ROM as course material. The time has come for sophisticated technology to impact the classroom, and we want to encourage it with this unusual offer. Educational discounts and network licensing are available.

To receive your free copy of the Darwin CD-ROM mail or fax a letter with your name, address, e-mail address, school or university, and related course (name, course number, when offered) to:

Pete Goldie, Ph.D., President, Lightbinders, Inc., 2325 Third Street – Suite 324, San Francisco, CA 94107; Fax: (415) 621-5898

You **must** sign and date your letter with the following statement:

"In order to receive an evaluation copy of the Darwin Multimedia CD-ROM, 2nd Edition, I state that I am currently a teacher of a course that could benefit from improved access to the works of Charles Darwin. I will examine the disc in consideration of its applicability to my teaching and will consider the disc as either recommended or required course material. I am under no obligations to recommend, require or promote the disc. I promise not to use the *evaluation* disc in the classroom, or as a source of material for the classroom, nor will I transfer possession of the *evaluation* disc to any person or organization without Lightbinders' approval."

Member Subscription Rates

Biology and Philosophy and *Journal of the History of Biology* Available to Members at Reduced Rates.

Subscriptions to these two journals published by Kluwer Academic Publishers are available to members of our society at a reduced rate. The reduced rates for 1996 are:

Biology and Philosophy: US\$ 70.00

Journal of the History of Biology: US\$ 80.00

Society members interested in these special rates should send their subscription orders and payments to: Kluwer Academic Publishers, Distribution Centre, PO Box 322, 3300 AH Dordrecht, The Netherlands. Members should include with their subscription requests a statement that they are ISHPSSB members and are requesting the member rate. The contact person in case of problems is Annie Kuipers, Acquisition Editor, Humanities & Social Sciences Division, Kluwer Academic Publishers, Spuiboulevard 50, P.O. Box 17 3300 AA Dordrecht, The Netherlands; Fax: +31(0)78-6392254; e-mail: annie.kuipers@wkap.nl

Member Directories

Members are invited to request a copy of the ISHPSSB Directory by sending a request to Barbara Horan, the Society secretary. The first copy is free. Members who would like a second copy of the directory are asked to forward a check for \$3.00 payable to the Society to cover copying and mailing costs. The directory is updated at the beginning of each year; members submitting requests after February 1 will receive a copy of the latest directory.

Conferences

Knowledge and Its Discontents: Science, Expertise, Modernity

Conference Dates: 2-4 May 1997

Location: Cornell University, Ithaca, New York

Conference Topics: A conference on expertise, organized with support from the National Science Foundation. Leading American and European scholars in the field of science and technology studies will examine the changing social and political meanings of expertise and its role in the making of modern culture. The design of the conference is thoroughly interdisciplinary, with panels on the following topics: Law, Science, Expertise (Margaret Berger, Sheila Jasanoff, Martha Nussbaum); Modernity and Expertise (Yaron Ezrahi, Helga Nowotny, Theodore Porter, Brian Wynne); Custom, Specialization and Skill (Harry Collins, Peter Galison, Michael Lynch, Steven Shapin); Science, Self and Public (Wiebe Bijker, Adele Clarke, Aant Elzinga, Steven Yearley); Science's Responsibilities to Its Publics (John Beatty, Thomas Eisner, Evelyn Fox Keller, Peter Weingart). In conjunction with the conference, there will be a day-long workshop organized by the Science and Technology Studies graduate students on Friday May 2nd.

Inquiries: Lillian Isacks, Department of Science and Technology Studies, 726 University Avenue, Cornell University, Ithaca, NY 14850, USA; Telephone: (607) 255-6234; Fax: (607) 255-0616; e-mail: li10@cornell.edu; <http://www.sts.cornell.edu/Workshop.html>

New Perspectives on Alexander von Humboldt

Conference Dates: 29-31 May 1997

Location: Georg-August-Universität, Göttingen, Germany
Conference Topics: "Towards a Geography of Humboldt's

Fame," "Humboldtian Visualizations," and "Body, Gender, and Self-Experimentation."

Inquiries: Professor Nicholaas Rupke, Humboldtallee 36, D-37073 Göttingen, Germany; Telephone: 49-551-39-9006; Fax: 49-551-39-9554; e-mail: nrupke@gwdg.de

Issues of Science and Technology in the 21st Century, Korean Science and Technology Foundation (KOSEF)

Conference Dates: 1-7 June 1997

Location: Seoul

Conference Topics: KOSEF is drawing together an international cast of leading specialists to explore issues of science and technology in the coming century. The symposium is co-organized by the East-West Center, Honolulu.

Inquiries: KOSEF Symposium, East-West Center, East-West Road, Honolulu, HI 96848, USA; e-mail: loomisr@ewc.hawaii.edu

Second International Congress in Philosophy, Phenomenology, and the Sciences of Life

Conference Dates: 5-9 June 1997

Location: Politechnical University of Gdansk, Poland

Conference Topics: Origins of life, Individuation, Evolution of Types, The New Critic of Reason and the Human Creative Condition

Inquiries: Professor A-T. Tymieniecka, Program Director, World Phenomenology Institute, 348 Payson Road, Belmont, MA 02178 USA

29th Annual Meeting of the International Society for the History of Behavioral and Social Sciences

Conference Dates: 19-22 June 1997

Location: University of Richmond, Richmond VA, USA

Conference Topics: Behavioral and Social Sciences

Program submissions (symposia, papers and posters) that deal with any aspect of the history of the behavioral and social sciences or with related historiographical or methodological issues are welcome. Submissions must be post-marked by 1 February 1997. Travel awards are available to students who present papers or posters. For further information contact John Carson, Cherion Program Chair, Department of Science & Technology Studies, 632 Clark Hall, Cornell University, Ithaca NY 14853-2501. Telephone: 607-255-6048; Fax: 607-255-6044; e-mail: jsc15@cornell.edu

Pacific Division of the American Association for the Advancement of Science

Conference Dates: 22-26 June 1997

Location: Oregon State University, Corvallis, Oregon

Inquiries: Alan Leviton, Pacific Division AAAS, California Academy of Sciences, San Francisco, CA 94118; Telephone: (415) 752-1554

German Society for the History and Philosophy of Biology (DGGTB) Sixth Annual Meeting

Conference Dates: 26-29 June 1997

Location: University of Tuebingen, Germany

Conference Topics: Ethics in the Life Sciences — History

Conferences continued on next page...

and Philosophy

Program submissions (including abstracts) are welcome and must be postmarked January 31, 1997. Inquiries: Prof. Dr. Eve-Marie Engels, Fakultät fuer Biologie, Eberhard-Karls-Universität Tuebingen, Sigwartstr. 20, D-72076 Tuebingen; Fax: 49 7071 922 873; e-mail: eve-marie.engels@uni-tuebingen.de

Philfest 97

Conference Dates: 4-13 July 1997

Location: University of Auckland, New Zealand

Conference Topics: Four participating organizations include the Australasian Association for Logic, Women in Philosophy, Australasian Association for Philosophy, and Australasian Association for the History, Philosophy, and Social Studies of Science.

Inquiries: Philosophy Department, University of Auckland, Private Bag 92019, Auckland, New Zealand; Phone: 64 9 3737 599 ext. 7491; Fax: 64 9 3737 408; e-mail: philfest@auckland.ac.nz

20th International Congress of History of Science

Conference Dates: 20-26 July 1997

Location: Liège, Belgium

Fourth Gruter Institute Faculty Seminar

Conference Dates: 2-8 August 1997

Location: Dartmouth College

Conference Topics: Biological Perspectives in the Social Sciences and Humanities

Inquiries: Ms. Suzanne Saxton, Gruter Institute for Law and Behavioral Research, c/o Department of Government, Silsby 6108, Dartmouth College, Hanover, NH 03755-3514; Telephone: (603) 646-1029; Fax: (603) 646-2152; e-mail: gruter.institute@dartmouth.edu

Every attempt has been made to keep costs at a minimum. There will be a registration fee (\$200). Single dormitory rooms, with shared bath, have been reserved at Dartmouth College (rate: \$35 per day with maid service). Participants who so desire (particularly if coming with spouses or family) may, however, arrange other accommodations in hotels or seasonal condominiums in the Hanover area. On campus parking (\$3 per day) and access to Dartmouth's athletic facilities (\$3 per day) are available on request. Participants will purchase meals through the College dining services. Opening and Closing dinners and lunch each day will be served at the Seminar location in Rockefeller Center. Breakfast and other meals available at the Dartmouth Dining Hall.

First International Conference on Computing Anticipatory Systems (CASYS '97)

Conference Dates: 11-15 August 1997

Location: Liège, Belgium

Inquiries: Dr. Ir. Daniel M. Dubois, Institute of Mathematics, University of Liège, Avenue des Tilleuls, B-4000 Liège, Belgium; Fax: 32 4 366 9489; e-mail: Daniel.Dubois@ul.ac.be

British Society for the History of Science

Conference Dates: 9-11 September 1997

Location: University of Leeds

Conference Topics: "History of Science as Public Culture."

The conference will "explore ways in which the enterprise of history of science has functioned in public culture and within academia, particularly in Britain during the past fifty years."

Inquiries: Dr. John Topham, Darwin College, Cambridge CB3 9EU UK

Society for the History of Natural History

Conference Dates: 26-27 September 1997

Location: Discovery Point, Dundee, Scotland

Conference Topics: Maritime exploration.

Inquiries: Mike Taylor, Perth Museum and Art Gallery, George Street, Perth PH1 5LB UK; Telephone: 44 01738 632 488

Semiosis. Evolution. Energy.

Conference Dates: 17-19 October 1997.

Location: Victoria College, University of Toronto

Conference Topics: The purpose of the conference/colloquium is to explore relations among the three terms of the title with a view to extending the concept of the sign beyond its conventional meanings and to move the discipline of semiotics into a fertile new territory.

Inquiries: Dr. Edwina Taborsky, Telephone: (819) 822-9600 ext. 2424; Fax: (819) 822-9661; e-mail: etaborsk@ubishops.ca

Second International History of Philosophy of Science Conference

Conference Dates: 12-15 March 1998

Location: Reilly Center for Science, Technology, and Values, University of Notre Dame

Conference Topics: History of Philosophy of Science

Guidelines for Submissions: Submissions of abstracts of papers of approximately 30 minutes' reading length, and of full panels of three to four papers will be considered for the program. Abstracts of individual paper submissions should be between 250 and 500 words in length. Panel proposals should include one panel abstract, names and contact addresses of all participants, and abstracts of 250 words for each of three to four papers. All submissions should arrive by 1 September 1997.

Acknowledgment will be sent by 1 October. Notification of acceptance of submissions will be provided by 1 November. Preferred format for all submissions is plain ASCII text submitted by electronic mail to pinnick2@wku.edu (please note the "2") with "HOPOS Submission" in the subject line of the e-mail. Other submissions should include three paper copies and one copy in plain ASCII format on a 3.5" DOS diskette and be sent to: Cassandra Pinnick, Department of Philosophy, Western Kentucky University, Bowling Green, KY 42101

Publications of Interest

History of Psychology, a new scholarly journal, will begin quarterly publication early in 1998. It will be published by the American Psychological Association for its Division of the History of Psychology, and will be edited (through the year 2000) by Michael M. Sokal, Professor of History at the Worcester Polytechnic Institute. *History of Psychology's* editorial office will operate with support from WPI, the American Psychological Association, and APA's Division of the History of Psychology.

EDITORIAL POLICY: The journal will serve as a forum for both psychologists and other interested scholars for the full range of current ideas and approaches pertaining to the relationship between history and psychology. It will primarily feature refereed scholarly articles dealing with specific issues, areas, and/or individuals in the history of psychology. It will also publish papers in related areas such as historical psychology (the history of consciousness and behavior), theory in psychology as it pertains to history, historiography, biographical and autobiographical analysis, psychohistory, and issues involved in teaching the history of psychology.

AUTHOR INSTRUCTIONS: Because the journal warmly welcomes submissions from both the psychology and history communities, authors may choose for their manuscript style either of two forms: (1) that specified in the *Publication Manual of the American Psychological Association* (4th edition); or (2) that of the University of Chicago Press's *A Manual of Style* (14th edition). If the latter style is chosen, reference lists should be eliminated or incorporated into endnotes. All manuscripts require an abstract of approximately 100 to 120 words typed on a separate sheet of paper at the beginning of the manuscript. In order to assure anonymous reviews, all author-identifying information should be excluded from the body of the text. Manuscripts must follow APA policies regarding language and ethics, as spelled out in the *Publication Manual of the American Psychological Association*.

Submit 4 copies of articles or direct inquiries to:

Michael M. Sokal, HISTORY OF PSYCHOLOGY, Department of Humanities and Arts, 100 Institute Road, Worcester, MA 01609-2280 U.S.A.; Telephone: (508) 831-5712; Fax: (508) 831-5932; e-mail: msokal@wpi.edu; WWW URL: <http://www.wpi.edu/~histpsy>

MEMBERSHIP & RENEWAL INFORMATION

To join ISHPSSB or renew your membership fill out and return the form included in this Newsletter. Use the same form whether you are attending the 1997 Seattle Meeting or not.

You may also register using the form on the Society's Website: <http://www.phil.vt.edu/ISHPSSB/member.html>

Existing members need to renew if the mailing label on the most recent newsletter has 1996 or earlier on the "Dues Paid Through 19xx" part. If you think the information in the membership files is out of date (e-mail addresses seem especially volatile), please provide the new information.

Graduate students qualify for a reduced membership fee – only US\$ 5. Emeritus members pay no fee. Otherwise a one-year regular membership is US\$ 15; a two-year membership is US\$ 25.

All checks must be in US\$; payment by Visa/Mastercard is welcome. Credit card payments can be sent electronically. (As far as we understand this is relatively safe – as safe as the postal service, maybe safer – since everything is automatically encrypted.) Receipts for payment will be sent out, but to reduce administrative costs, this will be done only if requested. If paying by credit card, your monthly credit card statement should serve as your receipt.

ISHPSSB 1997 MEETING PROGRAM

The program committee includes:

Robert C. Richardson (robert.richardson@uc.edu)
Richard Burian (RMBURIAN@vtvm1.cc.vt.edu)
Werner Callebaut (callebaut@philosophy.rulimburg.nl)
Kathy J. Cooke (kcooke@quinnipiac.edu)
Marilia Coutinho (coutinho@vt.EDU)
Joan Fujimura (fujimura@leland.Stanford.EDU)
Paul Griffiths (pgriffiths@otago.ac.nz)
Yrjo Haila (atyra@uta.fi)
Michael Lynch (michael.lynch@brunel.ac.uk)
Cor van der Weele (Cor.vanderWeele@phil.ruu.NL)

PROVISIONAL PROGRAM This program is subject to revision.

Wednesday Evening

Reception

Thursday, 9:00 a.m.-10:30 a.m.

Connections between Philosophy of Biology and Philosophy of Psychology

Session One: Immanence

1. William Wimsatt, University of Chicago, "Extending Generative Entrenchment"
2. Andre Ariew, University of Arizona
3. Dan McShea, Duke, "Feeling: the Proximate Cause of Behavior in Mammals"

Evolution as an (In-)Deterministic Process

Session One

1. Scott Carson, Ohio University, "Bell's Proof and the Stochastic Nature of Evolutionary Processes"
2. Roberta Millstein, University of Minnesota, "Determinism vs. Indeterminism: Either Way, Evolution Is Probabilistic"

Commentator: Robert Brandon, Duke University

Teaching Darwin and Darwinism

Session One

1. Prof. Robert Hartwig, Department of Business Administration and Economics, Worcester State College, "Darwinian Revolution: An Integrative Approach Featuring Biology and Economics at Worcester State College"
2. Prof. Surindar Paracer, Department of Biology, Worcester State College, "Darwinian Revolution: An Integrative Approach Featuring Biology and Economics at Worcester State College"

Images of the Brain in History

1. C.U.M. Smith, Aston University, "The Brain A Machine?"
2. A. Edward Manier, University of Notre Dame, "How Does the Expression 'Emotional Thermostat' Work in 'Listening to Prozac'?"

Language in Science

1. Christine Hine and Michael Lynch, Brunel University, "Bionet Newsgroups: A Hybrid of Formal Protocols and Tacit Knowledge"
2. Steven J. Fifield, University of Minnesota-Twin Cities, "A Case Study of the Rhetorical Construction of Biology in an Introductory Undergraduate Course"
3. Eileen Crist, Cornell University, "Science and Rhetoric: The Case of Animal Sociobiology"

Thursday, 11:00 a.m.-12:30 p.m.

Connections between Philosophy of Biology and Philosophy of Psychology

Session Two: Teleology

4. Karen Neander, John Hopkins, "Teleosemantics and Adaptationism"
5. Denis Walsh, Edinburgh, "The Dormitive Virtues of Teleological Explanation"

Evolution as an (In-)Deterministic Process

Session Two

3. Leslie Graves, University of Wisconsin - Madison; Barbara L. Horan, Georgia Southern University; and Alexander Rosenberg, University of Georgia, "Is Indeterminism the Source of the Statistical Character of Evolutionary Theory?"
 4. Timothy Shanahan, Loyola Marymount University, "Fitness, Drift, and the Omniscient Viewpoint"
- Commentator: Robert Brandon, Duke University

Teaching Darwin and Darwinism

Session Two

3. Prof. David Blitz, Department of Philosophy, Central Connecticut State University, New Britain, Connecticut 06050, "Developing a Darwin web-site"
4. Prof. Charles Blinderman, Department of English, Clark University, Worcester, "Natural and Unnatural Selection: Anthology of Darwinian Literature"

Sessions on Core-Periphery Relations in Scientific Knowledge Production in the Life Sciences

Session One: Theoretical Issues

1. Carlos Lopez Beltran, Unam - Mexico, "Epistemological and Ethical Issues in the Core-Periphery Debate in the History and Sociology of Scientific Knowledge"
2. Enrique Martinez Larrechea, Ivic - Venezuela, "Dynamic Dimensions of Theoretical Approaches in the Concept of Peripheral Science"

Program continued on page 13...

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*International Society for the
History, Philosophy & Social Studies of Biology*
1997 Meetings, July 16-20, Seattle

ISHPSSB brings together scholars from diverse disciplines, including the life sciences as well as history, philosophy, and social studies of science. ISHPSSB summer meetings are known for innovative, transdisciplinary sessions, and for fostering informal, co-operative exchanges and on-going collaborations.

Sessions at the 1997 meetings include:

Connections between Philosophy of Biology and Philosophy of Psychology
Core-Periphery Relations in Scientific Knowledge Production in the Life Sciences
Animal Issues: Studies into Animals, Animal Sciences and Philosophy of Animals
Nonequilibrium Models in Ecology: A New Paradigm?
Models in Biotechnology Risk Assessment: Limits and Potentials
Behavioral Genetics: Historical, Methodological, and Social Issues
Policy-Relevant Ecology: Modeling the Socio-Natural Order
The Organism in History, Philosophy, and Biology
A-Life and Foundational Questions in Biology
The Human Genome & Biological Determinism
Social and Cultural Studies of Biotechnology
Sessions In Honor of Frederick B. Churchill
Teaching Darwin and Darwinism
Normative Issues in Genetics
Phylogenetics
Neuronal Selection

Developmental Systems Theory
The Popularization of Biology
Emergent Biology
Natural Kinds
Semiotics
Museums and Laboratories
Model Systems

The complete program with updates, and housing information can be viewed on the Society's Website: <http://www.phil.vt.edu/ISHPSSB/>

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Further information about the Society's activities: Past newsletters can be viewed on the web site, or obtained from:

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Philosophy / PO Box 8023
Georgia Southern University
Statesboro, GA 30460-8023, USA
Phone (912) 681-5874; Fax (912) 681-0653
e-mail: bhoran@gsvms2.cc.gasou.edu

International Society for the History, Philosophy, & Social Studies of Biology
Seattle Meetings, July 16-20, 1997 **Registration and Membership Form**

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*This rate is also available to participants from countries with disadvantageous exchange rates and pay scales. (If in doubt e-mail Peter Taylor, pit1@rci.rutgers.edu)

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ISHPSSB 97
University of Washington, 351330
Seattle, WA 98195-1330, USA

3. Elizabeth Balbachevsky, Tathiana B. Alcantara and Marilia Coutinho, Universidade De Sao Paulo, "Trends in the Internationalization of Scientific Activities in Globalized Economies – Examples From the Life Sciences in Brazil"
4. Commentator: Hebe Vessuri, Ivic – Venezuela

Science & Society

Rivers Singleton, Jr., Case Western Reserve University, University of Delaware, "Delft Canals and Iowa Corn Fields: Bacteriology and Biochemistry at Iowa State"

Lauro Galzigna, Department of Biochemistry, University of Padua, Italy

The Human Genome & Biological Determinism

Ph. Goujon, Université Catholique de Lille, "The Secret Dreams of the Human Genome"

Lisa Gannett, University of Western Ontario, "H.J. Muller and the 'Normal' Genome"

Thursday, 2:00 p.m.-3:30 p.m.

Connections between Philosophy of Biology and Philosophy of Psychology

Session Three: Evolutionary Psychology

6. David Buller, Northern Illinois University, "DeFreuding Evolutionary Psychology"
7. Lawrence Shapiro, University of Wisconsin, "Evolutionary Theory Meets Cognitive Psychology: A More Selective Perspective"
8. Todd Grantham & Shaun Nichols, College of Charlestown, "Evolutionary Psychology: Ultimate Explanations and Panglossian Predictions"

Going Molecular

1. Lindley Darden, University of Maryland, "From Inheritance of Acquired Characters to Adaptive Mutation"
2. Robert Olby, University of Pittsburgh, "Memory Molecules: A Case Study in the Impact of Molecular Biology on the Neurosciences?"
3. Greg Morgan, University of Pittsburgh, "Emile Zuckerkandl, Linus Pauling and the Molecular Evolutionary Clock"

Animal Issues: Studies into Animals, Animal Sciences and Philosophy of Animals

Session One: Animals in Paris

1. Louise Robbins, University of Wisconsin, "Zebras in Paris"
2. Philippe Chavot, "The Paris Zoological Park and the Management of A Colonial Fauna"
3. Richard Burkhardt, "Unpacking Baudin: Animal Specimens and Competing Modes of Scientific Practice in Early 19th French Zoology"

Sessions on Core-Periphery Relations in Scientific Knowledge Production in The Life Sciences

Session Two: Case Studies in the Development of Scientific Specialties

5. Adriana Chiancone, Ivic – Venezuela, "Laboratories in

Latin America: The Case of Immunology in Venezuela"

6. Marilia Coutinho, Universidade De Sao Paulo – Brazil, "The Emergence of Ecology and Environmental Studies in Brazil"
7. Ana Lilia Gaona and Ana Barahona, Unam – National University of Mexico, "The Introduction of Genetics in Mexico"
8. Lea Velho, Dpct/Ig/Unicamp, "The Role of American Scientists in the Emergence, Development and Shaping of Botany and Zoology in Brazil"
9. Maria Jesus Santesmases, Consejo Superior de Investigaciones Cientificas, "The Establishment of Molecular Biology in Spain"

Adaptation and Selection

Session One

Dominic Lewin, University of Leeds, "Organic Selection or Stabilizing Selection? The Question of Schmalhausen's 'broader principle'"

Michael Bradie, Department of Philosophy, Bowling Green State University

Disciplinary Definitions

Sylvia Culp, Department of Philosophy, Western Michigan University, "Explaining the Stability of Molecular Biology as a Laboratory Science"

Jill Lazenby, University of Toronto, "The Biologist's Many Selves: Social Identity Theory and Self-Categorization Theory Applied to the Biological Disciplines"

Thursday, 4:00 p.m.-5:30 p.m.

Connections between Philosophy of Biology and Philosophy of Psychology

Session Four: Biology Informs Psychology

9. Stephen Downs, Utah, "Ontogeny, Phylogeny and the Development of Science"
10. Mark Bedau, Reed, "Supple Ceteris Paribus Laws in Biology and Psychology"
11. Elliot Sober, University of Wisconsin-Madison, "Morgan's Canon"

Going Molecular

4. Martha Keyes, Independent Scholar, "The Prion Challenge to the Central Dogma of Molecular Biology, 1965-1991"
 5. Nathaniel C. Comfort, SUNY Stony Brook, "From 'Controlling Elements' to 'Transposons': McClintock's Transposable Genetic Elements Go Molecular"
- Commentator: Robert C. Richardson, University of Cincinnati

Animal Issues: Studies into Animals, Animal Sciences and Philosophy of Animals

Session Two: Animals and Culture

4. Elizabeth Hanson, "Pennies for Elephants: American Zoos and the Popular Meaning of Wildlife, 1870-1940"
5. Gregg Mitman, "True-Life Adventures: Disney's Nature in Cold War American Culture"

6. Jennifer MacCulloch, "Creatures of Culture, Attitudes Towards Native Animals in Australia"

Sessions on Core-Periphery Relations in Scientific Knowledge Production in the Life Sciences

Session Three: Case Studies in the Institutionalization of Science in Peripheral Countries

10. Diana Obregon, Universidad Nacional De Colombia, "Cultivation of Hansen's Bacillus: The Case of A Latin American Scientist"

11. Ana Barahona and Ismael Ledesma, National University of Mexico, "Herrera and Ochoterena: Discursive and Socioprofessional Incommensurability"

12. Pablo Kreimer, Universidad Nacional De Quilmes, "Laboratory Studies: Social and Political Implications in A Peripheral Context"

13. Commentator: Marcos Cueto, Iep – Peru

Adaptation and Selection

Session Two

1. Arno Wouters, Department of Philosophy, Utrecht University, "Function as Survival Value"

2. Glenn M. Sanford, Duke University, "Evolutionary History: The Difference between 'Adaptation' and 'Adaptive'"

Gender

Maria Trumpler, Yale University, "Reviving Hypatia: Rachel Carson as Scientific Role Model in Contemporary Juvenile Biographies"

Christopher Horvath, Illinois State University, "Measuring Gender"

Thursday Evening

Reception

Friday 7:45 a.m.-8:45 a.m.

Council Meeting

Friday, 9:00 a.m.-10:30 a.m.

Connections between Philosophy of Biology and Philosophy of Psychology

Session Five: Biology Informs Philosophy of Mind

12. Thomas Polger & Owen Flanagan, Duke, "Biological Explanations of Subjectivity"

13. Charbel Nino El-Hani & Antonio Marcos Pereira, Federal University of Bahia, Brazil, "Supervenience, Reduction, Emergence and Biological Causation: A Reply to Kim"

Developmental Systems Theory (DST)

Session One: Conceptualizing Developmental Processes

1. Horst Hendrik-Jansen: "Relevance of DST to Recent Trends in Cognitive Science"

2. Peter Taylor: "When the Developing 'System' is Not Coherent or Well Bounded: Socio-Environmental Changes and 'Intersecting Processes'"

3. Susan Oyama: "What Do You Do When All the Good Words Are Taken?"

A-Life and Foundational Questions in Biology

Session One

1. Claus Emmeche, "Explaining Emergence, Defining Life"

2. Alvaro Moreno Bergareche, "The San Sebastian Approach to the Philosophy of AL"

3. Luis Rocha, "The Modeling Relation in AL"

Normative Issues in Genetics

Session One

Chair: Suzanne Holland, University of Puget Sound

1. Diane Paul, University of Massachusetts, Boston, "Informed Consent and Newborn Screening"

2. Glenn McGee, University of Pennsylvania, "The History of Eugenics and Contemporary Reproductive Medicine"

3. Kathy Cooke and David Valone, Quinnipiac College, "Nature and Nurture in Eugenics Past and Present"

Animal Issues: Studies into Animals, Animal Sciences and Philosophy of Animals

Session Three: Animal Ethics

7. Thijs Visser, "Playing God and Playing Allah"

8. Elmar Theune, "Formative Experience and the Dutch Debate on Animal Biotechnology"

Darwin, Spencer, and Owen

Daniel Becquemont, Université Lille, France, "Spencer's Views on Darwin's Theory"

Mark McLaren, University of Pittsburgh, "Categorical Imperative: Richard Owen's Theory of Spontaneous Generation and Its Implications for Historiography of Nineteenth-century Life Sciences"

Rasmus Winther, French-American International School, San Francisco, "Darwin on External Sources of Heritable Variation"

Friday, 11:00 a.m.-12:30 p.m.

Connections between Philosophy of Biology and Philosophy of Psychology

Session Six: Psychology Informs Biology

14. Gary Hatfield, University of Pennsylvania, "Mental Functions as Constraints on Neurophysiology: Biology and Psychology of Color Vision"

15. Valerie Gray Hardcastle, Virginia Tech, "Understanding Functions: A Pragmatic Approach"

Developmental Systems Theory

Session Two: "What Genes Can't Do"

4. Lenny Moss, "Introduction"

5. Bob Perlman, "What Transgenic Mice Tell Us about Development"

6. Rob Knight & Paul Griffiths, "What Selfish Genes Can't Do"

7. Ron Amundson, "Methodological Preformationism in Evolutionary Biology"

A-Life and Foundational Questions in Biology

Session Two

4. John Bragin, "A-Life's (Ir)Relevance for the Philosophy of Sci/Bio"

5. Koichiro Matsuno, "Symbols As Material Structures in Biosystems"

6. Naomi Dar, "The Definition of Life"

Normative Issues in Genetics

Session Two

Chair: Suzanne Holland, University of Puget Sound

4. Cor Van der Weele, "DNA and Disease: Where Is Control Located?"

5. Robert T. Pennock, The University of Texas at Austin, "Pre-Existing Conditions: Disease Genes, Causation & the Future of Medical Insurance"

Animal Issues: Studies into Animals, Animal Sciences and Philosophy of Animals

Session Four: Old New Views on Animal Science

9. Susanne Lijmbach, "The Phenomenological View on the Animal Self and Its Implications for Current Debates about Animal Experiences"

10. Kelly Hamilton, "The Organismal Biology of Edward Stuart Russell"

11. Otniel Dror, Princeton University, "The Physical and the Emotional: Separating Psyche From Soma in the Physiologist's Laboratory"

Environmental Issues

Mags Adams, Lancaster University, "Endocrine Disruption: A Case for Implementing the Precautionary Principle"

Uta Eser, Center for Ethics in the Sciences and Humanities, University of Tuebingen, Germany, "Ecological and Normative Fundamentals of Value-Judgments in Conservation Biology: The Case of Non-Indigenous Plants in Nature-Conservation Areas"

Thomas Potthast, University of Tuebingen, "Evolutionary Theory and Guiding Principles in Conservation Ethics – A Critical Survey of the Relationships between Evolutionary Biology, Nature Conservation, and Ethics"

Museums and Laboratories

Jenny Beckman, Royal Institute of Technology, Stockholm, "Natural History Teaching and the Museum, c. 1900"

Christiane Groeben, Stazione Zoologica Anton Dohrne, "Marine Organisms Preserved in Alcohol, on Paper, in Glass: The Spread of Knowledge on Marine Organisms through the Stazione Zoologica Anton Dohrne"

Heidrun Ludwig, Hessisches Landesmuseum, Germany, "Imitation and Mimesis in 18th Century Natural History Painting"

Friday, 2:00 p.m.-3:30 p.m.

Connections between Philosophy of Biology and Philosophy of Psychology

Session Seven: The Intersection of Biology and Psychology

16. Peter Godfrey-Smith, Stanford, "On the Continuities of Life and Mind"

17. Rob Wilson, Illinois-Urbana-Champaign, "The Individual in Biology and Psychology"

18. Kim Sterelny, Victoria University of Wellington, New Zealand, "Communication, Function and the Extended Phenotype"

Developmental Systems Theory

Session Three: Towards A Developmental Conception of Genetics and Evolution

8. Bruce Weber & David Depew, "Developmental Cycles as Units of Evolution"

9. Eva Neumann-Held, "Lets De-Blackbox the Gene!"

10. Lenny Moss, "What is Selecting What?"

11. Russell Gray, Commentary

Animal Issues: Studies into Animals, Animal Sciences and Philosophy of Animals

Session Five: The Animal Mind

12. Maxine Sheets-Johnstone, "Consciousness: A Natural History"

13. Edward Andre Nahmias, Duke University, "Why Our Brains Got So Big: Reciprocal Altruism, Deception, and Theory of Mind"

Normative Issues in Genetics

Session Three

Chair: Suzanne Holland, University of Puget Sound

6. Kelly C. Smith, The College of New Jersey, "The Concept of A Genetic Disease"

7. David Magnus, "The Concept of Genetic Disease"

A Re-evaluation of W. M. Wheeler (1865-1937) and his Legacy in Biology and Philosophy

1. Surindar Paracer, Department of Biology, Worcester State College, "Wheeler's Concept of Symbiosis, Parasitism, and Evolution"

2. David Blitz, Central Connecticut State University, "Wheeler's Concepts of Emergence, Holism, and Superorganisms"

Neuronal Selection

Bernard Feltz, Centre de philosophie des sciences, Universite Catholique de Louvain "Philosophical implications of the Theory of Neuronal Group Selection,"

Tom Dedeurwaerdere, Université Catholique de Louvain, "Neural Networks and Natural Selection"

Experimentation

Edna Suarez, Facultad de Ciencias, UNAM Circuito Exterior, C. U. Mexico, "Satellite-DNA: A Case Study for the Evolution of Experimental Techniques"

John Huss, University of Chicago, "The Natural Experiment Concept in Paleontology"

Mark Parascandola, National Museum of American History, "Seeing is Believing: Experimental Reasoning and the Role of Epidemiology"

Friday 4:00 p.m.-5:30 p.m.

Presidential Plenary: Biology and the Agents without History

Adele Clarke, U.C. San Francisco, "Maverick Reproductive Scientists, Issues of Gender, and the Othering of Contraception"

Anne Fausto-Sterling, Brown University, "The Standard Rat and the Universal Human"

Hebe Vessuri, Ivic, Venezuela, "Core-Periphery Relations and the Social History of Biology"

Friday 5:30 p.m.-6:30 p.m.

General Meeting

Friday 6:30 p.m.-7:30 p.m.

Council Meeting

Graduate Student Meeting

Saturday, 9:00 a.m.-10:30 a.m.

Evolutionary Psychology

Paul Sheldon Davies, William and Mary "The Role of Evolutionary Theory in the Study of the Mind"

William A. Rottschaefer, Department of Philosophy, Lewis and Clark College, Portland, OR 97219, "The Biology and Psychology of Moral Agency"

Sherrie Lyons, Daemen College, "Science or Pseudo Science: Phrenology as a Cautionary Tale for Evolutionary Psychology"

Emergent Biology

Session One: Models, Metaphors and Methods I

1. John Collier, Department of Philosophy, University of Newcastle, "Neither Nature nor Nurture"

2. Mishtu Banerjee, Scientificals Consulting, "A Dynamical Systems Approach to Phylogenetic Systematics"

3. Kathleen A. Robson, Robson Botanical Consultants, "Exploring the Emergence of Levels of Organization Through Time Within and Among Three Plant Species (*Balsamorhiza*, *Asteraceae*)"

Sessions in Honor of Frederick B. Churchill

Session One: Sex and Passion in the Private Worlds of Biology

Chair: Ronald Rainger, Texas Tech University

1. Ronald Rainger, "Introduction"

2. Anne Mylott, "Sex and the Single Pollen Cell"

3. Judy Johns Schloegel, "Sex and the Ciliate: Private Life and Social Behavior in Nineteenth- and Twentieth-Century Microscopic Culture"

4. Jane Maienschein, "In Defense of Organisms"

Nonequilibrium Models in Ecology: A New Paradigm?

Session One

1. Sergio Sismondo, University of Guelph, "Shifting Equilibria in Island Biogeography"

2. Greg Mikkelsen, University of Chicago, "Equilibrium Modeling: Is there an alternative?"

3. Greg Cooper, Duke University, "On the Inevitability of a Balance in Nature"

Models in Biotechnology Risk Assessment: Limits and Potentials

Chair: Philip Regal

1. Barbara Weber, Institute for Applied Ecology, Freiburg, Germany, "What Transposable Elements May Teach Us about Models for Risk Assessment of Transgenic Plants"

2. Mathias Gutmann, European Academy for Technology Assessment, Bad Neuenahr-Ahrweiler, Germany, "Towards A Constructional Theory of Modeling: The Methodological Role of Models in Biology"

3. Ad van Dommelen, Free University of Amsterdam, The Netherlands, "Useful Models for Biosafety Assessment: Are We Asking the Right Questions?"

Evolutionary Naturalism and the Challenge of Cognitive Development and Sociality

Chair: William Wimsatt, University of Chicago

1. Werner Callebaut, Universiteit Maastricht, Konrad Lorenz Institut fuer Evolutions- und Kognitionsforschung

2. Karola Stotz, Universiteit Gent, Konrad Lorenz Institut fuer Evolutions- und Kognitionsforschung

Commentators: Peter Godfrey-Smith, Stanford; and Johan Braeckman, Ghent

Species as Individuals

Session One

Scott Merlino, University of California, Davis, "Are Biological Species Individuals?"

Jack Wilson, Washington & Lee University, "A Philosophical Note on the Mushroom that Ate Michigan"

Saturday, 11:00 a.m.-12:30 p.m.

Practices and Protocols

1. Elihu Gerson, Tremont Research Institute, and James Griesemer, Univ. of California, Davis, "Habits Which Alienate the Affections: Protocols and the Organization of Research"
2. Michael Lynch and Ruth McNally, "Scientific Protocols and Chains of Custody: The Unnatural History of A Sample"
3. Jane Camerini, University of Wisconsin, Madison, "Novelty and Convention in Biological Mapping"

Emergent Biology

Session Two: Models, Metaphors and Methods II

4. Daniel R. Brooks, Center for Comparative Biology & Biodiversity, University of Toronto, "The Origin of Darwin's Necessary Misfit"
5. Brian R. Moore and Daniel R. Brooks, Center for Comparative Biology & Biodiversity, University of Toronto, "Externalist and Internalist Perspectives on Patterns of Ecological Diversification"
6. Koichiro Matsuno, BioEngineering, Nagaoka University of Technology, "Information From Force?"

Sessions in Honor of Frederick B. Churchill

Session Two: Methods and Traditions in the Struggle for a New Biology

Chair: Jane Maienschein, Arizona State University

5. Nick Hopwood, "Modeling in Late Nineteenth-Century Embryology"
6. Marsha Richmond, "Revolt from Recapitulation: Adam Sedgwick and the Cambridge School of Zoology"
7. Jonathan Harwood, "The Transformation of Biology as a Political Process"
8. Jane Maienschein, Discussion

Social and Cultural Studies of Biotechnology

1. Joao Arriscado Nunes, University of Coimbra, Portugal, "Shifting Scales, Articulating Cancer: Towards of Cartography of Oncobiological Research"
2. Alan Stockdale, Stanford University, "Cures for Children with Nasty Diseases: The Promotion of Gene Therapy Research in the United States"
3. Ruth McNally, Brunel University, "The DNA Database in the UK: The First Two Years"
4. Kathleen Jordan, Boston University, "Procedural Flexibility: PCR in Basic Research and Diagnostics"

Nonequilibrium Models in Ecology: A New Paradigm?

Session Two

4. Kim Cuddington, University of Guelph, "Support for Non-Equilibrium Approaches to Ecological Theory Provided By the Equilibrium Paradigm"
5. David Castle, Department of Philosophy, University of Guelph, "Implications of non-equilibrium models for conservation biology"

Sociobiology and Social Organization

Osamu Sakura, Yokohama National University, "Comparative Study of the Reception of Sociobiology: A Pilot Study and Framework"

Ivan Chase, State University of New York at Stony Brook, "Searching for Principles of Social Organization in Simple Societies"

Species as Individuals

Session Two

Maurizio Salvi, Maastricht University, The Netherlands, "Plasticity and Coherence in Living Beings: Organism As Organic Unity"

Moira Howes, University of Western Ontario, "Immunology and the Entity View of the Self"

Saturday, 2:00 p.m.-3:30 p.m.

Tools for Bridging Biology and Psychology

1. Tyler Volk, New York University, "Biological Binaries As Foundations for Mental Binaries in Human Thought and Culture"
2. Connie Barlow, "The arrow and the cycle in evolutionary biology and geophysiology"

Emergent Biology

Session Three: Theory and Metaphysics

7. Kevin G. Kirby, Department of Mathematics and Computer Science, "Life Outside the System: Exaptability As A Foundation for Natural Information Processing"
8. S.N. Salthe, Natural Systems, "Evolutionary Improvement By Natural Selection As Problematic in Complex Systems"
9. Jack Maze, Department of Botany and Rare Plant Consortium, University of British Columbia, "Studies in Biological Emergence"
10. Jesper Hoffmeyer, "Semiotic Materialism and Autonomous Agents"

Sessions in Honor of Frederick B. Churchill

Session Three: Evolution, Ethics, and the Social Worlds of Biology

Chair: Judy Johns Schloegel, Indiana University

9. Alice Dreger, "Casting a Fine Net, or, Darwin's and Churchill's Problems with Case Studies"
10. Paul Farber, "Evolution and Ethics: The French Connection"
11. John Beatty, "A Framework for the History of Evolutionary Thought"
12. Lynn Nyhart, "Living Environments at Work: Ecology and the Social Worlds of Karl Moebius"

Behavioral Genetics: Historical, Methodological, and Social Issues

Session One

1. Edward Manier, Reilly Center for Science, Technology and Values, University of Notre Dame "The Dogs of Bar Harbor and the MacArthur Longitudinal Twin Study"

2. Kenneth F. Schaffner, George Washington University, "Methodological Assumptions Underlying Reports of Genes for Novelty Seeking and Anxiety: An Assessment and Critique"

Natural Kinds

Session One: Natural Kinds and Ethics

1. Brian C. Goodwin, "Morphogenetic Fields and Natural Kinds"
 2. Henk Verhoog, Leiden University "Natural Kinds, Essentialism and Ethics"
- Commentator: Sabine Brauckmann

Models Systems

Session One

- Robert Skipper Jr., University of Maryland, College Park, "Explanatory Models of Natural Selection"
- Eduardo Wilner, Department of Philosophy, University of Guelph, "Experimental Claims about Nature: Artificial Selection Versus Group Selection"
- Kevin Lattery, University of Minnesota, "Developing and Describing Empirical Regularities in a Diverse Biological World"

Semiotics

- Jon Umerez, University of the Basque Country, "Evolution and Development of Primitive Semantic Functions in Biological Systems"
- Anders F. Jensen, Roskilde University, Denmark, "The Contemporary History of Biosemiotics"
- Tuomo Jämsä, University of Joensuu, Finland, "Semiotic Awareness"

Saturday, 4:00 p.m.-5:30 p.m.

Natural Kinds

Session Two: Natural Kinds and Biology

3. Gunther J. Eble, The University of Chicago, "Natural Kinds and History in Biology"
 4. D. J. Kornet, Leiden University, "Things, Kinds and Categories: Biology and Natural Kinds"
 5. Guenter P. Wagner, Department of Biology, Yale University, "Natural Kinds and the Design of Complex Organisms"
- Commentator: Paul Griffiths

Emergent Biology

Session Four

Round Table Discussion: Rod Swenson, Bruce Weber, Gertrudis Van de Vijver and Mark Bedau

Sessions in Honor of Frederick B. Churchill

Session Four: Public Worlds in Biology and the History of Biology

- Chair: Marsha Richmond, Wayne State University
13. Karen Rader, "The History of Biology Before, During, and After (Fred) Churchill: Some Historiographic Reflections and Speculations"

14. Ronald Rainger, "Harald Sverdrup, the Scripps Institution, and the Multiple Worlds of Oceanography"

15. Timothy Lenoir, "Nuclear Spinoffs: The Manhattan Project for Medicine"

16. Lyndsay Farrall, "Will the History of Biology Play a role in the High School Curriculum of the 21st Century?"

Behavioral Genetics: Historical, Methodological, and Social Issues

Session Two

3. Garland Allen, Washington University at St. Louis, "What's Wrong With 'The Gene for (Fill in your favorite behavior)?"
4. Wim J. van der Steen, Free University, The Netherlands, "Biology in Psychiatry: Fostering Modesty"

Species: Plurality and Essence

Chair: Rob Wilson

1. David Hull: "Of the Plurality of Species"
2. Paul Griffiths: "Squaring the Circle: Natural Kinds with Historical Essences"

Model Systems

- Carla Fehr, Duke University, "The Role of Domain Partitioning in Explaining the Evolution of Sexual Reproduction"
- Rachel Ankeny, University of Pittsburgh, "Changing Fads, Shifting Models: The Evolution of *C. elegans* as a So-Called 'Model Organism'"

Evolutionary Epistemology

Olaf Diettrich, Konrad Lorenz Institute for Evolution and Cognition, "Co-Evolution of the Organic and Cognitive Phenotype"

Saturday Evening

Banquet/Barbeque

Sunday, 9:00 a.m.-10:30 a.m.

Policy-Relevant Ecology: Modeling the Socio-Natural Order

Session One

Chair: Andrew Samuel, Lancaster University

1. Julia Garritt, Lancaster University, "The Role of Ecology in Implementing the Convention on Biological Diversity in the UK"
 2. Les Levidow, Open University, "Biosafety Claims: Modeling the Socio-Natural Order"
 3. Yrji Haila, University of Tampere, Finland, "The Contrasting Faces of Biodiversity Discourse"
- Discussant: Paolo Palladino

The Organism in History, Philosophy, and Biology

Session One

Robert Brandon, Duke University, "Using Organisms to Answer Our Questions vs. Letting Organisms Pose Our Questions,"

Gerry Geison, Princeton University; and Manfred D. Laubichler, Princeton University and Yale University, "Organisms in Context"

Manfred D. Laubichler, Princeton University and Yale University; and Gunter P. Wagner, Yale University, "Is There an Organism in this Room?"

Commentators: Ken Schaffner, George Washington University; Jane Maienschein, Arizona State University; Alan Kohn, University of Washington

Promoting the Evolutionary Epic: Lessons from History and Future Prospects

An open discussion session

Discussion Leader: Connie Barlow

Systems Theory

Helga Zangerl-Weisz, Institute for Interdisciplinary Research and Continuing Education, of the Universities of Innsbruck, Klagenfurt and Vienna, "Society's Metabolism and Colonization of Nature: A Systems Theory Approach to Conceptualize Environmental Problems"

Debora Hammond, University of California at Berkeley, "The Use of Biological Metaphor in the Behavioral Sciences: Society as Organism, Ecosystem, or Irreducible Emergent"

Sunday, 11:00 a.m.-12:30 p.m.

Policy-Relevant Ecology: Modeling the Socio-Natural Order

Session Two

Chair: Julia Garritt, Lancaster University

4. Dr. Peter B. Sloep, Open Universiteit, Nederland, "Policy-Relevant Ecology: Modeling the Socio-Natural Order"

5. Jan Sapp, York University, "What is Nature? The Crown-of-thorns and Coral Reefs"

Discussant: Andrew Samuel, Lancaster University

The Organism in History, Philosophy, and Biology

Session Two

Robert Brandon, Duke University, "Using Organisms to Answer Our Questions vs. Letting Organisms Pose Our Questions,"

Gerry Geison, Princeton University; and Manfred D. Laubichler, Princeton University and Yale University, "Organisms in Context"

Manfred D. Laubichler, Princeton University and Yale University; and Gunter P. Wagner, Yale University, "Is There an Organism in this Room?"

Commentators: Ken Schaffner, George Washington University; Jane Maienschein, Arizona State University; Alan Kohn, University of Washington

Phylogenetics

Organizer: Michael T. Ghiselin

Chair: Elihu Gerson

1. Mikael Harlin, California Academy of Sciences, "The Role of the Character in Phylogenetic Systematics, Or, Toward Giving Priority to the Tree"

2. Michael T. Ghiselin, California Academy of Sciences, "From How-Possibly to How-Actually Scenarios"

The Popularization of Biology: Three Case Studies

1. John Jungck, Beloit College, "How Popularization Affects Research Agendas"

2. Maura C. Flannery, St. John's University, "Homer Smith and the Popularization of Biology Through Philosophy"

3. Robert Hendrick, St. John's University, "The Historian as Biologist: Jules Michelet's Natural Histories"

Disease

Bernardino Fantini, University of Geneva, "Diseases Going Molecular"

Robert I. Krasner, Providence College, "New and Emerging Infections: A Problem of a Changing Society"

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CONTRIBUTIONS FOR THE FALL 1997 NEWSLETTER

The next issue of the ISHPSSB newsletter will be published in Fall 1997. Please send submissions (preferably via e-mail) to the current editor, Chris Young, who will forward them to the new editor to be selected by the Council during the Seattle meetings. Volunteers welcome – Contact Peter Taylor for more information.