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Members' News

Congratulations to the following members on the publication of their new books:

Rainer F. Buschmann (California State University–Channel Islands) and *Oceans in World History*, part of the “Explorations in World History Series” published by McGraw-Hill (ISBN 0-07-301903-8). Case studies include the early oceanic migrations of Austronesian peoples and the creation of interacting Pacific webs in the context of European maritime expansion;

Ian Burney (Centre for the History of Science, Technology and Medicine at the University of Manchester) and *Poison, Detection and the Victorian Imagination*, published by Manchester University Press (ISBN 0-7190-7376-6); and

Marcos Cueto (Inst. Estudios Peruanos–Lima) and *Value of Health: A History of the Pan American Health Organization*, part of the “Rochester Studies in Medical History Series” published by University of Rochester Press (ISBN 978-1-58046-263-1).

Recent Meetings and Business

Morris Low (Johns Hopkins University) has been kind enough to provide the following report from the Pacific Circle’s panel at the History of Science Society Annual Meeting, held in Vancouver, Canada, on November 2-5, 2006. The panel was entitled: “Nuclear Peripheries: Challenging Geographic, Institutional and Disciplinary Narratives in Nuclear History.”

“This session, chaired by Roy MacLeod (Professor Emeritus, University of Sydney) provided a useful historiographical corrective to what John Krige discusses in his new book *American Hegemony and the Postwar Reconstruction of Science in Europe* (MIT Press, 2006). “Atoms for Peace” was a way for American power to be projected abroad, a form of nuclear diplomacy which brought together science, technology and foreign policy. But what of those nations that chose not to be part of the American sphere of influence? What counted as “nuclear/atomic?” Uranium mining? Casually employed workers who happened not to be white? Scientists who worked in fields outside of physics? These are some of the many questions that speakers in this session addressed. They spoke to issues broadly related to politics (international and domestic), language, race, and class.

In her paper on nuclear research in postwar India, Jahnvi Phalkey (Georgia Institute of Technology and Norwegian University of Science and Technology) concluded that US restrictions on the export of nuclear technology and know-how defined the limits within which nuclear research in India would function. But Diego Hurtado de Mendoza (National University of San Martin) showed what was possible in terms of nuclear research even when Argentina and its policies were not aligned with American interests. He focused on the period 1976-1983 during military rule. In the 1970s, India and Argentina were prominent for being the developing

countries which were most advanced in terms of nuclear development. Argentina provided access to nuclear know-how and technology to countries that were considered by the US to pose a threat.

Phalkey's paper reminded the audience of the important role of the physicist Homi J. Bhabha in shaping science in India. Despite being in the nuclear periphery, Bhabha strived to ensure that his laboratory at the Tata Institute of Fundamental Research was at least the center of activity in nuclear research in India. Bhabha's family links to the industrial house of Tata certainly helped.

Questions of race, class, language, and politics figured in most of the papers presented in Vancouver. Phalkey suggested that the availability of uranium in India, Brazil and the Belgian Congo was, in the years 1945-53, not sufficient to deem a nation as "nuclear"—a topic that Gabriel Hecht (University of Michigan) explored in greater detail in her paper on "Scenes from the Nuclear Life of Radon." Hecht's paper focused on the mining of uranium in South Africa. She highlighted the importance of language to debates about nuclear activities. She also examined race as a factor in determining who was considered a victim. When the death rate from lung cancer of South Africans working in uranium mines was officially examined, African workers were conveniently not included. Jacob Hamblin's paper entitled "The Other Atomic Scientists: Oceanographers and Radioactive Waste in the Fifties" was also about language in terms of the desire of oceanographers to be counted as atomic scientists. Hamblin (Clemson University) pointed out the importance of speaking of the "introduction" of radioactive materials in the ocean rather than "disposal" which had more negative connotations. All in all, it was a thought-provoking session that served to de-center the "nuclear" story by shifting the focus of attention to the periphery, at least during one wet November day in Vancouver!"

IUHPS/DHS NEWS

Anyone interested in receiving news of the Division of History of Science and Technology of the International Union of History and Philosophy of Science can register and get a free email account. Please visit <http://www.dhstweb.org/>.

HSS NEWS

Upcoming History of Science Society meetings are planned for November 1-4, 2007, in Washington, D.C., and November 6-9, 2008, in Pittsburgh, PA (jointly with the Pacific Science Association). For more information, visit http://www.hssonline.org/meeting/mf_annual.html.

The next Three Societies Meeting of the British Society for the History of Science, the History of Science Society, and the Canadian Society for the History and Philosophy of Science will be held at Keble College, Oxford, on July 4-6, 2008. This continues the tradition started in Manchester in 1988 and which continued in Toronto (1992), Edinburgh (1996), St. Louis (2000) and, most recently, Halifax, Nova Scotia (2004).

**FUTURE MEETINGS, CONFERENCES, SEMINARS,
and CALLS FOR PAPERS**

8 May 2007. “A Celebration of the Tercentenary of the Birth of Linnaeus,” to be held at the Zoological Society of London, Regent’s Park, London at 6:00 p.m. For additional information, please contact Joy Miller at joy.miller@zsl.org.

17-20 May 2007. Annual Meeting of the North American Society for Oceanic History and the National Maritime Historical Society, to be held at Kings Point, New York, overlooking Long Island Sound. The conference theme will be “The Merchant Marine in Peace and War.” Papers will address such issues as the variety of roles the merchant marine has played in exploration, trade, nation-building, labor relations, diplomacy and warfare. Additional information can be found at <http://www.nasoh.org> or by contacting Dr. Joshua M. Smith, U. S. Merchant Marine Academy at smithj@usmma.edu.

13-17 June 2007. The 21st Pacific Science Congress, to be held at the Okinawa Convention Center in Naha, Okinawa, Japan. The theme of the Congress is “Diversity and Change: Challenges and Opportunities for Managing Natural and Social Systems in the Asia-Pacific.” Co-organizers are the University of the Ryukyus and the Pacific Science Association. For more information, please visit <http://www.pacificscience.org/congress2007.html>.

17-21 June 2007. 88th Annual Meeting of the Pacific Division of the American Association for the Advancement of Science, co-located with the 62nd Annual Meeting of the Northwest Region, American Chemical Society, to be held at the Boise Center on the Grove, Boise, Idaho, USA. For additional information, please visit <http://pacific.aaas.org>.

28 June-1 July 2007. 16th Annual World History Association Conference, to be held in Milwaukee, Wisconsin, and jointly sponsored by the University of Wisconsin–Milwaukee and Marquette University. The conference theme is “Expanding Horizons, Collapsing Frontiers: The Macro and Micro in World History.” For additional information, please contact Alfred J. Andrea, World History Association Conferences Committee Chair at alfredo@thewha.org.

28 June-1 July 2007. Annual Conference of the British Society for the History of Science, to be held at the University of Manchester’s Centre for the History of Science, Technology and Medicine. This meeting marks the 60th anniversary of the founding of the BSHS and includes papers and themed panels on all aspects of the history of science, technology, and medicine. Additional information is available at www.bshs.org.uk/bshs2007.

14-16 August 2007. 3rd International Congress on Traditional Medicine and Materia Medica, to be held in Kuala Lumpur, Malaysia.

14-18 August 2007. International Committee for the History of Technology (ICOHTEC) Symposium, to be held in Copenhagen, Denmark. Questions? Visit [http //www.icohtec2007.dk](http://www.icohtec2007.dk).

20-24 August 2007. 11th International Conference on the History of Science and Technology in China, to be held in Nanning, Guangxi Province, P. R. China. The general themes are “Science and Technology Innovation & Scientific View of Development” and “Science, Technology, and Civilization of Chinese Ethnic Groups,” with papers and panels on other topics encouraged, as well. The conference languages are Chinese and English. The meeting is co-sponsored by the Chinese Society of History of Science and Technology, and the Institute for the History of Natural Science of the Chinese Academy of Science. For information, contact Prof. Wanfubin, Research Institute for History of Science and Technology, Guangxi University for Nationalities, Nanning 530006, Guangxi, P. R. China. Email: wfb8820@163.com or weidanfang@126.com.

3-5 September 2007. “Darwinism after Darwin: New Historical Perspectives,” to be held at Devonshire Hall at the University of Leeds. Contact: enquiries@darwinismafterdarwin.com.

6-8 September 2007. “Nature Behind Glass–Natural Science Collections Conference,” to be held at the Manchester Museum, Manchester, England. Speakers include Tony Bennett, Peter Davis, Sophie Forgan, Anne Secord, and John Pickstone. For additional information and the call for papers, please visit <http://www.arts.manchester.ac.uk/naturebehindglass/>.

12 October 2007. 8th Maritime Heritage Conference, to be held at The Maritime Museum, San Diego, California. Among the conference themes are: Maritime and Naval History; Oceanic Trade and Communications; Historic Ships; Underwater Archaeology; Maritime Libraries and Museums; National Marine Sanctuaries; Marine Art; Ship Building; and Ship Preservation. One single-spaced page abstracts are due by email no later than June 1, 2007. Abstracts should clearly outline the paper’s argument, its place within the broader themes of maritime history, the organization to which the presenter belongs, if applicable, and the paper’s estimated time limit. Please forward via email to the Conference Program Chair, Kevin Sheehan, at The Maritime Museum of San Diego. Email address: librarian@sdmaritime.org.

31 October - 1 November 2007. “Making Science Global: Reconsidering the Social and Intellectual Implications of the International Polar and Geophysical Years,” to be held at the Smithsonian Institution, Washington, D.C. Papers will consider the places of the Poles in human imagination, discipline formation, cultural nationalism and politics; the emergence of the modern geosciences and the uses of new technologies to explore the Poles; and the changing assessments of the nature of human cultures in high latitudes. Papers will also consider the significance of the International Polar Years of 1882-83 and 1932-33, as well as of the International Geophysical Year of 1957-58. For further information, please contact James Fleming at jfleming@colby.edu.

9-10 January 2008. Second International Conference in the History of Medicine in Southeast Asia (HOMSEA), to be held at the Universiti Sains Malaysia, Penang, Malaysia. The conference theme is “Treating Diseases and Epidemics in Southeast Asia over the Centuries,” and the papers and panels will explore the development of medical and religious responses to diseases and epidemics since prehistoric times. The deadline for abstracts is May 1, 2007. For information, please contact The Conference Secretariat, The Second International Conference HMSEA, Asia-Pacific Research Unit, Universiti Sains Malaysia, 11800 Penang, Malaysia. Email: shakila@usm.my.

12-16 May 2008. Conference on “Weather, Local Knowledge and Everyday Life,” to be held at the Museu de Astronomia e Ciências Afins in Rio de Janeiro, Brazil. The meeting is sponsored by the International Commission on History of Meteorology. For more information, please visit <http://www.weatherlife.org>

23-27 June 2008. International Maritime History Congress (IMEHA 2008), to be held in the Old Royal Naval College, University of Greenwich, United Kingdom. Organizers are soliciting papers considering the roles of the surface of the sea, the undersea domain, and the coastal zone, as well as the sea as a cultural resource. For further information, please visit the Congress website at: www.IMEHA2008.com.

EMPLOYMENT, GRANTS, EDUCATION, and PRIZES

The Unit for History and Philosophy of Science at the University of Sydney encourages applications for graduate study via the new Australian Government initiative that will double scholarship opportunities in Australia and the Asia-Pacific region. For more details about the new program, please visit <http://www.australianscholarships.gov.au/>. For additional information about the HPS program, please see <http://www.usyd.edu.au/hps>.

The University of Minnesota announced a new graduate program in the History of Science, Technology, and Medicine. The program will offer courses in the social and intellectual history of science, technology, and medicine, and also allow students to study topics that are at the boundaries of those areas, such as biomedical engineering and the uses of computer technologies in the health sciences. Financial aid is available. For further information, write The Program in Science, Technology, and Medicine, 148 Tate Laboratory of Physics, University of Minnesota, 116 Church Street SE, Minneapolis, MN 55455 USA. Email: hstm@physics.umn.edu.

The Andrew W. Mellon Travel Fellowship Program and the University of Oklahoma have collaborated on funding to help visitors make use of the University’s History of Science Collections. Proposals are accepted from pre- and postdoctoral scholars, and are evaluated throughout the year. Email: kmagruder@ou.edu or mogilvie@ou.edu. Additional information is available at <http://libraries.ou.edu/etc/histsci/mellon.asp>.

The California Institute of Technology Grants-in-Aid offers research assistance of up to USD\$2,000 for work in the Papers of Victor Wouk in the Caltech Archives. The Maurice A. Biot Archives Fund and other designated funds also offer assistance of up to USD\$1500 to use the collections at the Caltech Archives. Please visit <http://archives.caltech.edu>. Applications are reviewed on January 1, April 1, July 1 and October 1 of each year.

The Lawrence Memorial Award of USD\$2000 is awarded to support travel for doctoral dissertation research in systematic botany or horticulture, or the history of the plant sciences, including literature and exploration. Professors are encouraged to nominate students who have

achieved official degree candidacy. Letters of nomination and supporting materials, including seconding letters, should be received by the Committee no later than May 1, 2007. Materials should be sent to: Dr. R. W. Kiger, Hunt Institute, Carnegie Mellon University, 5000 Forbes Avenue, Pittsburgh, PA 15213-3890 USA.

The School of History, Technology, and Society (HTS) at the Georgia Institute of Technology announces its graduate program in History and Sociology of Technology and Science at both the M.A. and Ph.D. levels. This interdisciplinary program intends to prepare students from a variety of backgrounds to engage the social issues posed by modern technology and science, both broadly defined. Financial aid is available and competitive with major research universities. Students majoring in history and sociology are particularly encouraged to apply. For more information, contact Hanchao Lu, Director of Graduate Studies, School of HTS, Georgia Tech, Atlanta, GA 30332-0345. Email: hanchao.lu@hts.gatech.edu.

The National Maritime Museum in Greenwich, England, offers four research fellowships: *Caird Senior Research Fellowship* for post-doctoral scholars for research in the field of British maritime historical studies; *Caird Short-Term Fellowship* to encourage research by overseas scholars, museum professionals, or those living at a distance from London; *Sackler Short-Term Fellowship* for a three-month tenure for research into the history of astronomy and navigational sciences at the Royal Observatory, Greenwich; and *Caird North American Fellowship* jointly with the John Carter Brown Library, Brown University, Providence, Rhode Island, for a three-month tenure for scholars living outside the United States to conduct advanced research on maritime collections in the north-eastern United States. For information, please contact Research Administrator, National Maritime Museum, Greenwich, London, SE10 9NF, England. Email: research@nmm.ac.uk.

BOOK, JOURNAL and PUBLICATION NEWS

Historical Studies in the Physical and Biological Sciences 36:2 (2006) features a set of seven papers focusing on the beginnings of nuclear physics research and the introduction of the first particle accelerators in Latin America and countries of the Pacific Rim beyond North America, together with an introduction by the editors of the collection, Rod Home, Ana M. Ribeiro de Andrade, and Carlos D. Galles. The collection originated in a symposium on “Comparative Studies on the Rise of Research in Modern Physics in Latin America and the Pacific Rim Countries” at the 21st International Congress of the History of Science held in Mexico in 2001. The articles include: R. W. Home, “The Rush to Accelerate: Early Stages in Nuclear Physics Research in Australia;” Dong Won Kim, “Yoshio Nishina and Two Cyclotrons;” Morris F. Low, “Accelerators and Politics in Postwar Japan;” Maria de la Paz Ramos Lara, “Particle Accelerators in Mexico;” Ana M. Ribeiro de Andrade and R. P. A. Muniz, “The Quest for the Brazilian Synchrocyclotron;” Marcelo Baumann Burgos, “Brazilian Synchrocyclotron Light;” and Diego de Mendoza and Ana Mara Vara, “Political Storms, Financial Uncertainties, and Dreams of ‘Big Science:’ The Construction of a Heavy Ion Accelerator in Argentina.”

The “History of Science” series from Pickering & Chatto includes two new publications of possible interest: Neil Chambers, ed. *The Indian and Pacific Correspondence of Sir Joseph*

Banks, 1768-1820 (a reset edition of over 2000 letters) and Daniel Brass, ed. *Narrative of the Beagle Voyage, 1831-36* (the first critical version of Captain Robert FitzRoy's narrative). For additional information, please visit www.pickeringchatto.com/science.

The University of Hawai'i Press announces a new series, "Topics in the Contemporary Pacific." Brij V. Lal is the general editor. The thematic series will address issues of pressing concern to the Pacific Islands as a region and attempt to answer the query, "How did this come to be?" Volumes in preparation include one about health matters, specifically HIV and AIDS. Submissions can be sent to Dr. Lal at brijlal@anu.edu, au and the Press editor, Masako Ikeda, at masakoi@hawaii.edu.

Oxford University Press announces the publication of its 4-volume *Encyclopedia of Maritime History*, John B. Hattendorf, editor in chief. The publication is available in cloth (ISBN 978-0-19-513075-1) and paper (ISBN 0-19-513075-8). There are more than 900 entries in this "survey of the history of seafaring from the ancient times to the present day."

Interested in museums and other collections? Please note the founding of a new journal, *Museum History Journal*, edited by Hugh H. Genoways and Mary Ann Andrei. The first issue will be published in January 2008. Information is at <http://www.lcoastpress.com/journal.php?id=6>.

Jonathan Rosen considers the relationship between Wallace and Darwin in "Missing Link: Alfred Russel Wallace, Charles Darwin's Neglected Double," *The New Yorker*, February 12, 2007, 76-81.

Social Research 73:4 (Winter 2006) is a special issue on "Politics and Science: An Historical View," which considers "the long and tangled history of the relationship between politics and science in order to better understand the present situation and that issues that might result from policy decisions which reflect political or religious ideologies more than scientific data. This special issue examines how, throughout history, developments in science have been reacted to and been absorbed into policy by the religious and political powers of the time." This issue continues the journal's recent interest in science, notably "Politics and Science: How Their Interplay Results in Public Policy," 73:3 and "Errors: Consequences of Big Mistakes in the Natural and Social Sciences," 72:2.

Interested in the scientific and environmental issues of enclosed coastal seas? If so, please take a look at the activities and newsletter of the International Environmental Management of Enclosed Coastal Seas Center. For additional information, please email secret@emecs.or.jp and/or visit the website at <http://www.emecs.or.jp>.

SELECT RECENT PACIFIC BIBLIOGRAPHY

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California's Frontier Naturalists, by **Richard G. Beidleman** (Berkeley: University of California Press, 2006).

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BOOK REVIEW

Paul D’Arcy *People of the Sea: Environment, Identity, and History*. Honolulu: University of Hawaii Press, 2006. Pp 311. US\$ 36, Cloth, ISBN 978-0-8248-2959-9

Paul D’Arcy’s book explores the historical interrelationship between the indigenous people of Oceania and the sea that surrounds their islands. It has been long awaited by many Pacific scholars who have hitherto contented themselves with a myriad of published articles on the same topic. The present work, based on D’Arcy’s dissertation research, represents the “middle path” of a historical discipline that is frequently divided into two well-discerned camps. Some historians have explored Pacific history through the eyes of foreign, mostly European or American, voyagers. Others, sometimes deemed as “islander-centered,” have sought to move away from imperial concerns to reveal the historical experiences of particular island societies. *People of the Sea* builds upon this last historical tradition, while concurrently positing the possibility of a larger “Oceanic” historical consciousness emerging out of a prolonged engagement with the watery environment of the islands. D’Arcy’s work concentrates chiefly on the islands of the region archeologists now call “Remote Oceania,” and that are generally known under the more traditional names of Micronesia and Polynesia.

The book’s seven chapters follow a logical flow. The first chapter outlines the way in which historians and anthropologists have conceptualized the Pacific over the past decades. While historians frequently emphasized Euro-American contact as a significant watershed for Oceanic history, anthropologists generally tended to focus their studies on one particular society. D’Arcy notices the recent fruitful interchange among anthropologists and historians, yet also bemoans the general paucity of studies focusing on the overarching similarities among Oceanic societies. He rightfully asserts that Oceania’s waterlogged environment provides a ready-made point of departure. The constant engagement with the sea provided important cultural, economic, and social stimuli that, despite clear regional differences, allows for generalizations. D’Arcy’s main chronological framework for analysis remains the century between 1770 and 1870; yet in order to support his argument that this time frame did not represent the radical break with past

traditions as generally stipulated by historians, he frequently shifts his investigation into earlier and later periods. Although D'Arcy accepts that imperial boundaries established in the late nineteenth century greatly interfered with earlier established notions of indigenous marine tenure initially, Europeans arriving between the sixteenth and the eighteenth centuries became simply an additional group engaging in the shifting political seascapes.

Subsequent chapter explores the interrelationship between Oceanic inhabitants and their immediate maritime environment. Here D'Arcy illustrates his skilled use of source material. Much of his information derives from the famed Human Relations Area File (HRAF) project that sought to concentrate generally isolated anthropological studies to facilitate comparative study. The disparate nature of the HRAF material, however, makes such a study difficult. At the same time, D'Arcy adroit gaze manages to uncover similarities among Oceanic societies from anthropological information that frequently emphasizes uniqueness rather than commonalities. The following chapters explore the ocean environment beyond the immediate littoral of the Oceanic islands. Here the Pacific Islanders' maritime abilities are of prime concern. The interest in Pacific Island maritime affairs is not intrinsically new, but Paul D'Arcy's approach certainly is. Best remembered are the concerted anthropological efforts that occurred in the 1960s and 1970s to ascertain Pacific Islanders' nautical abilities formerly contested by scholars. D'Arcy includes these efforts in his work while pushing their significance into new directions. Rather than further corroborating the nautical abilities of the Pacific Islanders, chapters 3 and 4 represent an ingenious extension of this type of research. Seafaring and the methods associated with this art became an important tie connecting individual islands with the seascapes surrounding them. Likewise, chapter 5 explores how navigation became an important political tool for the establishment of maritime boundaries. True to the stipulated aim of his work, it is only in chapter 6 that the author introduces Euro-American arrivals into the Pacific Ocean. Yet their arrival is contextualized within a wider Oceanic conceptual framework that accommodated both indigenous and exogenous advents from beyond the horizon. The author's framework emphasizes continuity rather than rupture, and follows the centuries of European incursion into the Pacific. D'Arcy illustrates well that Oceanic societies were capable to cope intellectually with the newcomers. After carefully outlining the interplay among Pacific Islanders and their watery environment in earlier sections of the work, he employs his last chapter to suggest the development of regional Oceanic histories. Building upon studies of the maritime *sawei* exchange network that linked numerous Caroline islands, he aptly examines how indigenous mariners incorporated the maritime environment beyond their home islands to maximize their resources. Moreover, especially during times of crisis, such as devastation following a tropical storm, the Caroline navigators incorporated the Spanish domains in the Mariana Islands in their search for subsistence.

Paul D'Arcy's main contribution extends beyond the obvious influences on Pacific Islands history to engage the larger realm of global maritime history. With the exception of a few notable studies, maritime history remains a field that remains beset by a distinct bias on western accomplishments. By providing a wider lens through which to explore Oceanic maritime endeavors, D'Arcy contribution also provides pointers for a non-western global maritime history. His work is thus a must-read for Pacific experts and those who express an interest in the interstices of indigenous and western maritime affairs.

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