



Ibn Sina's Statue based on a study that was done to the remains of the skull

Newsletter

Of Ibn Sina Academy

NISA

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IAMMS ACTIVITIES

EVENTS IN THE ACADEMY:

1. An Interactive Session on Public Health with Dr. M. Masood Athar (Illinois Department of Public Health, Freeport, IL 61032, USA). Dr. Athar had a friendly-discussion on Public Health on February 3, 2005 at the Library Hall of the Academy.
2. An Interactive Session on Community Surgical Practice with Dr. D. P. Singh Toor (Former Secretary, Aligarh Medicos Association of Delhi Branch & Prime mover in the establishment of Sir Syed Memorial Hospital, New Delhi). Dr. Toor had also a friendly-discussion on Community Surgical Practice on February 5, 2005 at the Library Hall of the Academy.
3. An Interactive Get-together with one of the prominent Aligarians, Janab M. Zakir Ali Khan Sahab (An embodiment of Aligarh-spirit and tradition as well as author of *Rawayat-e-Aligarh*) on March 13, 2005 at the Library Hall of Ibn Sina Academy of Medieval Medicine & Sciences. A large number of Aligarians attended the program, while Prof. Qazi Abdus Sattar (Padam Shri) presided over the function.
4. In honour of the delegates participating the International Seminar on Hifzân-e-Sehat Aur Mâholiyat at Ajmal Khan Tibbiya College (Aligarh Muslim University, Aligarh), Ibn Sina Academy arranged a program on Shair-e-Nashisth in collaboration with Bazm-e-Aseer (Sarai Rahman, Aligarh) on 29th March 2005. Hakim Rahat Naseem Sohdarvi (of Pakistan) presided over the-Mushaira.
5. The AIDS Cell of the Academy collaborated and participated as a part of "Blood Donation Camp and HIV/AIDS Awareness Program" organized by the Drug Society, Aligarh, in association with Junior Doctors' Organization and Aligarh Muslim

University Students' Union. 70 students donated blood and 2500 students visited the Camp-site. The Drug Society distributed literature on AIDS awareness by the courtesy of AIDS Cell of the Ibn Sina Academy.

HIV/AIDS Awareness Program

Imran Sabri* & Munib Ahmad

*In-charge, AIDS Cell of the Ibn Sina Academy

AIDS Cell is one of the active groups in Aligarh (India), working on AIDS awareness. Although, Ibn Sina Academy of Medieval Medicine & Sciences (IAMMS) was founded in 2000 as a registered trust under Indian Trusts Act, 1882, but the "AIDS Cell" came into existence only in January 2002. AIDS Cell of IAMMS is helping patients from far and wide about the treatment modalities, creating awareness in general public about the disease, HIV/AIDS stigma, myths and misinformation. Recently on February 28, 2005, "Free Blood Group Testing & Blood Donation Camp" was organized at the heart of Aligarh Muslim University (AMU) campus by the Drug Society of Aligarh, AMU Students' Union and Medbeats.Com. AIDS Cell provided health information to more than 2500 students and distributed 400 copies of the literature on 'HIV/AIDS Stigma, Myths & Misinformation' with their short explanation. Apart from 70 students, who donated blood, 97 people got their blood screened free for HIV/AIDS through ELISA in collaboration with Deptt of Pathology and Voluntary Confidential Counseling Testing Centre (VCCTC) of Department of Microbiology, Jawaharlal Nehru Medical College, AMU, Aligarh. AIDS Cell is listed as NGO in the 2002 edition of the Global Aids Directory, prepared by Global Health, USA.

CONDOLENCE MEETING

On the evening of Monday, February 21st 2005, Mushfiq Khwaja, a renowned literary personality breathed his last in a hospital in Karachi (Pakistan). His shocking demise made the literary scene of India and Pakistan poorer than before.

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Mushfiq Khwaja was a guiding light to the intellectuals and writers of today. He was an acclaimed critic and researcher as well as a brilliant writer. Such were the general statements of dignitaries present at the Ibn Sina Academy on the occasion of his condolence meeting. Professor Mukhtar Uddin (the former chairman Department of Arabic, Aligarh Muslim University, Aligarh) and a close associate of Mushfiq Khwaja presided over the Meeting. Prof S. Zillur Rahman told the audience about his meeting with Mushfiq Khwaja in Pakistan. He said, that his passion for research and literature was something inborn, but he took great pains to develop this passion into a lifetime of achievements. Mushfiq Khwaja assumed the responsibility of Idāra-e-Yādgar-e-Ghālib at a difficult time, when both Faiz Ahmad Faiz and Mirza Zafarul Hassan, the founders of the institution, had left this world. Some of the famous works of Mushfiq Khwaja's includes *Jāiza-e-Makhtootāt-e-Urdu* and *Risāla-e-Ghalib*.

**CLINICAL UNITS OF IBN SINA
ACADEMY STARTED**

Three clinical units, viz., *Sabra Poly Clinic*, *Ibn Sina Shifa Khana* and *Naaz Clinic* have been in progress under the guidance of Hakim Jamil Ahmad, former Professor and Dean Faculty of Medicine, Hamdard University, Delhi. The addresses of these clinics are as follows:

1. Ibn Sina Shifa Khana: 8/1C, Near Masjid Kehkashan, Okhla Vihar, Okhla, New Delhi-25
2. Sabra Poly Clinic: H. No. 789, Street No. 7, Zakir Nagar, Okhla, New Delhi-25
3. Naaz Clinic: E-114, Hari Kothi, Abul Fazl Enclave, Okhla, New Delhi-25

The consultants / physicians who are looking after these clinics are:

1. Professor Hakim Jamil Ahmad, who has been practicing Unani Medicine for the last 40 years. He was professor in the

Department of Mo'ālijāt at Hamdard University, Delhi.

2. Dr. Tina Gupta is an Ayurvedic expert and specialized in skin diseases. She did graduation (BAMS) from Delhi University and has been practicing for the last 10 years.

**INDIVIDUAL ACTIVITIES OF THE
MEMBERS OF IAMMS**

Prof. S. Zillur Rahman (President, Ibn Sina Academy) performed Hajj with his wife, daughter, son-in-law and granddaughter. They went on 2nd January 2005 and returned on 13th February 2005.

Prof. Rahman attended the International Seminar on Hifzān-e-Sehat Aur Māholiyāt during March 29-30, 2005 at Ajmal Khan Tibbiya College, Aligarh Muslim University, Aligarh. He was the guest of honour at the inaugural function and presided over the valedictory function. He also chaired a session during the conference.

Prof. S.M. Razaullah Ansari (Secretary, Ibn Sina Academy) was invited to deliver a talk at the *International Seminar on the Impact of Persian Language and Culture on India*, organized by the Department of Persian; Aligarh Muslim University, Aligarh, April 2-4, 2005. The title of his paper was: "Mathematical Sciences in Indo-Persian — An Analysis of Source Material"; for the summary see the last section in this issue: *Short Communication*. The participants and guest scholars appreciated the paper especially, since it was the only contribution dealing with science in Persian. To our knowledge, Prof. Ansari is actually the only historian of science in India, who is actively engaged in research in the scientific literature of the Medieval Indian period.

Prof. S.M.R. Ansari was invited to write a book review of "Arabic Astronomy in Sanskrit, Al-Birjandī on Tadhkira II, Chapter 11 and its Sanskrit Translation"; edited, commented and translated by Takanori Kusuba and David Pingree (Islamic Philosophy, Theology and Science, Text and Studies, edited by H. Daiber

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and D. Pingree, Vol. 47); Brill, Leiden, Boston and Köln, 2002, ISBN 90 04 124756, 289 pages. The review of this very important book has been just published in *Journal of History of Astronomy* (Cambridge), Vol.36 (Feb. 2005), Pt.1, pp.112-114.

Prof. Ansari is also engaged in writing an invited article on, "Reception of Indian Astronomical Treatises and Handbooks in Sanskrit by Muslim Scholars of Medieval India", which is to be published in the volume: *Astronomy, Astrology, Mathematics and the Physical World*, Ed. J. V. Narlikar — a serial volume under the Project of History of Indian Science, Philosophy and Culture by the Centre for Studies in Civilisations, Kolkata/Delhi (Director, D.P. Chattopadhyaya).

Dr. Mirza Hasan Beg (Life member, Ibn Sina Academy) delivered a lecture entitled "In Search of Babar – The Mughal Emperor (1483-1530 CE) at Nelson Hall, Mc Donald Road Library, Edinburgh EH7 4LU England on 5.2.2005. Edinburgh City Libraries and Information Services organized the lecture.

Dr. Abdul Latif (Jt. Secretary, Ibn Sina Academy) attended the International Seminar on Hifzân-e-Sehat Aur Mâholiyât during March 29-30, 2005 at Ajmal Khan Tibbiya College, Aligarh Muslim University, Aligarh. He also chaired a session during the conference and presented a paper.

Dr. S. Ziaur Rahman (Treasurer, Ibn Sina Academy) has been appointed as honorary members of the following organizations:

- (1) South African Pharmacology Society (SAPS), Bloemfontein, South Africa, and
- (2) World Association of Medical Editors (WAME), National Library of Medicine, USA.

Members' participation at 37th Annual Conference of Indian Pharmacological Society:

Dr. Tajuddin (Aligarh), **Dr. M. Aslam** (Delhi), **Dr. S. Ziaur Rahman** (Aligarh) and **Dr. Razi Ahmad** (Aligarh) presented their papers and

participated in the deliberations of the 37th Annual Conference of Indian Pharmacological Society at Science City, Kolkata during 14th - 16th January 2005. The Institute of Postgraduate Medical Education and Research, Kolkata organized the conference.

37th Annual IPS Conference – A Report:

Dr. Surja Kanta Mishra, Honorable Minister-in-Charge, Department of Health & Family Welfare, Government of West Bengal inaugurated the Conference. Prof. N. K. Ganguly (Director General, Indian Council of Medical Research), Prof. M. M. Choudhry (Vice Chancellor, The West Bengal University of Health Sciences), Prof. A. K Bandyopadhyay (Vice Chancellor, West Bengal University of Animal & Fishery Sciences), Prof. C. R. Maity (Director of Medical Education, West Bengal), Dr. Prabhakar Chatterjee (Director of Health Services, West Bengal), Dr. Sudipto Roy (President, Indian Medical Association) and Dr. P. K. Sur (Director, Institute of Postgraduate Medical Education & Research) graced the function as Guests of Honour. The credit for the successful completion of the conference goes to Dr. T. K. Mandal, Prof. P. K. Debnath and Dr. A. V. Hazra, who were among the organizers.

The Executive Committee of IPS has appointed Dr. S. Ziaur Rahman as one of the judges for selecting the best research paper published in the *Indian Journal of Pharmacology* in the year 2004 for the award of N. N. Dutta Prize.

Dr. S. Ziaur Rahman also participated at the following workshop and seminar:

1. Lancet-ICMR workshop on "Medical paper writing for publication", February 25, 2005, ICMR Headquarters, V. Ramalingaswami Bhavan, Ansari Nagar, New Delhi.
2. International Seminar on Hifzân-e-Sehat Aur Mâholiyât, March 29-30, 2005, Ajmal Khan Tibbiya College, Aligarh Muslim University, Aligarh. Not only he chaired a session but also presented a paper entitled, "Pharmacoepidemiology and its impact on the Environment."

OTHER NEWS ITEMS

FORTHCOMING CONFERENCES /
SEMINARS

**Fourth Annual International Congress of
Ethnobotany (ICEB 2005)**

The Congress of Ethnobotany - Continuity and change in Food and Medicine: Archaeobotany and the Written Record, is going to be held during August 21-25, 2005 at Yeditepe University, Istanbul, Turkey.

Archaeo-botanists, who work with historical and archaeological data, do not have the luxury of asking people what they think about plants, nor can they observe the daily activities that integrate plants into the lives of the people whose remains they study. Ethnobotanists who work with living people rarely have the opportunity to study change beyond the memories of those with whom they work. The written record may complement, contradict or reinforce interpretations based on archaeobotanical evidence. The goal of this symposium is to demonstrate how the long-term perspectives of archaeo-botany and historical ethno-botany, focused on patterns of change and stability in the use of plants as food and medicine, can inform the wider ethno-botanical debate.

For more details, contact: Co-organizers: Fusun Ertug, Naomi Miller, Gayle J. Fritz, Andrew S. Fairbairn & Alain Touwaide
E-mail: fertug@iceb2005.com
Website: <http://www.iceb2005.com/>. The following topic (no. 6) will be of particular interest to historians.

**Apothecaries, Art and Architecture:
Interpreting Georgian Medicine**

A joint symposium in honour of Roy Porter organised by the Faculty of the History and Philosophy of Medicine and Pharmacy, Worshipful Society of Apothecaries, London and Dr Johnson's House, Apothecaries' Hall, Black Friars Lane, London EC4V 6 EJ, will be held from 24-25 November 2005.

The aim of this Symposium is to further research and study into the history of medicine and pharmacy by exploring different aspects of health and sickness in Georgian England. It is a cross-domain collaboration between archives, museums, libraries, historical societies and specialist interest groups.

The core objectives are:

- To promote collections ranging from archives to artifacts which are unknown, under-exploited, under threat, or not normally accessible to the research community, amateur historians and the general public alike
- To encourage the use of these collections through lectures, discussions and displays by inviting specialists from many different fields to participate.

There will be four sessions over two days:

1. People in Practice; 2. Art and Architecture; 3. Medical Trade and Treatments and 4. Aspects of the History of Medicine and Pharmacy.

Suggested themes for papers and demonstrations include:

- Case studies of apothecaries, surgeon-apothecaries, chemists and druggists
- Education & training including apprenticeship
- Managing a business: including shop and property plans and papers, equipment, prescription and patient records and financial documentation
- Public health and epidemiology
- Mental health provision
- Dispensaries and the poor
- Death and disease
- The law and medicine and pharmacy
- Medical practitioners portrayed in art, literature and the popular press
- Art in hospitals
- Art students and anatomy
- Medical buildings, hospitals and Georgian architecture, including asylums and philanthropic models
- Medical and surgical practitioners' homes and houses
- Medical care of women and children, including lying-in hospitals and charitable foundations

- Apothecaries and military and naval medical care
- Pharmacies and pharmaceutical manufacture, including development of the industry and the growth of international trade
- Equipment: from drug jars and medicine chests to laboratory apparatus and evidence from probate inventories
- Physic gardens and the trade in botanical-medicinal specimens and plants
- Herbals, medical botany and materia medica
- Medical treatment, including costs: from drugs, equipment, spas and sea-bathing to proprietary, patent and quack medicines
- Medical and pharmaceutical collection management (including preservation and conservation measures), storage and handling
- Listing, cataloguing and dissemination of information about specialist medical collections from archives and manuscripts, rare books and museum objects to herbaria, furniture, artworks and buildings

Submissions from anyone involved in interpreting Georgian medicine, especially those professionally responsible for archival, museum and rare book collections, as well as current researchers of this period of medical and pharmaceutical history are welcome.

For more information, please contact: Dee Cook, Symposium Office c/o The Archives Society of Apothecaries, Apothecaries' Hall Black Friars Lane, London EC4V 6EJ
Email: archivist@apothecaries.org

Natasha McEnroe, Dr Johnson's House at
e-mail: curator@drjohnsonshouse.org

"Ways of Making and Knowing: The Material Culture of Empirical Knowledge"

A conference on "Ways of Making and Knowing: The Material Culture of Empirical Knowledge" will be held in London during July 11-15, 2005. The conference is to be held at several participating institutions in London and is sponsored by the Wellcome Trust Centre for the History of Medicine at UCL, the Wellcome Trust, and the Yale Center for British Art. This conference aims to build on exciting new work in the history of material culture to break down

the common historio-graphical dichotomies between craft skill and scientific knowledge, and to showcase some of the most suggestive studies demonstrating that natural knowledge flowed from an engagement with natural things. The chronological orientation of the lectures and discussions will range from the Renaissance through the nineteenth century. Historians of science and medicine, art historians, and museum scholars from various fields will learn from one another through a programme that mixes lectures with hands-on demonstrations. The conference will be held on several sites where expert curators and representative objects are available, namely Chelsea Physic Garden, the British Museum, the Royal Botanical Gardens at Kew, the Natural History Museum, London, the Victoria and Albert Museum, and Painshill Park. The conference is open to the public. A detailed programme and registration form are available on www.ucl.ac.uk/histmed or from Ms Carol Bowen, The Wellcome Trust Centre for the History of Medicine at UCL, 21! 0 Euston Road, London NW1 2BE, UK. Registration closes on May 15, 2005.
E-mail: c.bowen@ucl.ac.uk

MEPHISTOS 2005

The graduate community at Brown University, in association with the Faculty Committee on Science & Technology Studies, is proud to host Mephistos 2005, an international conference on the history, philosophy, and sociology of science, technology and medicine. Mephistos began in 1981 as a regional event organized by graduate students at Princeton University and the University of Pennsylvania. It has since grown into a widely attended annual conference hosted by universities throughout the United States and Canada. Throughout its twenty-three-year history, the motivation behind Mephistos has remained the same: it is an important opportunity for graduate students to present papers, participate in discussions, and collaborate with other students in the interdisciplinary field of science studies.

Mephistos 2005 will be held on March 5-6 in List 120 on Brown's main campus, located in

the heart of Providence's historic East Side. This year's program features papers and discussions on the following topics: media and their messages; faith in science; public health in modern America; judgment and values in 20th-century scientific thought; and science and the public. The conference program, paper abstracts, and local information are available at www.brown.edu/Students/Mephistos.

This event has been generously funded by the Society for the History of Technology and the following sponsors at Brown University: the Graduate School, Humanities Center, Faculty Committee on Science and Technology Studies, Office of the President, John Nicholas Brown Center, Graduate Student Council, Department of History of Art and Architecture, Department of Philosophy, Department of Anthropology, and Department of American Civilization.

Mephistos is free and open to the public; those who plan to attend the conference may send email to the Chairman of the Organizing Committee at e-mail: mephistos@brown.edu.

Practices and Representations of Health: Historical Perspectives

The Society for the Social History of Medicine invites submissions for its 2006 Annual Conference: "Practices and Representations of Health: Historical Perspectives", scheduled to be held at the University of Warwick during 28-30 June 2006. The Conference will be organised jointly by the Centres for the History of Medicine at the Universities of Birmingham and Warwick.

The Programme Committee welcomes papers on a wide range of topics that link to the theme of the conference, but particularly encourages papers on the following themes: alternative and complementary health movements; airs, waters and places; medicine and emotions; theatre, music and medicine; child health; old age and death; body shape and image; disability; race, post-colonialism and health; health and the workplace; the historiography of the history of medicine. In addition to single-paper proposals, the Programme Committee seeks proposals for

panel sessions. All papers should ideally present original work not yet published or in press.

For more information, contact, Molly Rogers by email: molly.rogers@warwick.ac.uk by the end of 1 May 2005 or write at Centre for the History of Medicine, University of Warwick, Coventry CV4 7AL, United Kingdom.

Second InterNICHE Conference on 'Alternatives in the Mainstream: Innovations in life science education and training'

The Second InterNICHE Conference on 'Alternatives in the Mainstream: Innovations in life science education and training' is scheduled to be held during 12-15 May 2005 at Oslo, Norway.

It will be an exciting and inspiring event at the cutting-edge of educational innovation and practice, in fact the conference will discuss on advanced learning tools and alternatives to animal experiments in education. With leading international speakers, multimedia and virtual reality rooms, posters, discussion forum and workshops, the conference is suitable for teachers and students of medicine, veterinary medicine and biological science; for curriculum designers and learning technologists; for animal ethics committees, policy makers and legislators; for ethicists, animal campaigners and others committed to a progressive, humane education.

For more information, registration and contact details, please visit the InterNICHE website: www.interniche.org or write to: Nick Jukes, InterNICHE Co-coordinator, 19 Brookhouse Avenue, Leicester LE2 0JE. E-mail: coordinator@interniche.org

SCHOLARSHIPS/AWARDS/JOBS

Berkeley Urdu Language Fellowship Program 2005-06

The Center for South Asia Studies at the University of California, Berkeley, invites applications for a Berkeley Urdu Language Fellowship Program 2005-06 to study Urdu language at the American Institute for Indian

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Studies (AIIS), Urdu program in Lucknow (India). Up to twelve awards will be made on a competitive basis, and will include tuition, a maintenance allowance and roundtrip airfare.

Program funding is subject to US Department of Education approval, says an email message received from the Center of Asia Studies, Berkeley. The message adds: For over 30 years, the University of California, Berkeley, has run an Urdu language program in Lahore, Pakistan. Recent imposed travel warnings by US Department of State have restricted travel to Pakistan. Because of this, students have not been able to attend BULPIP (Berkeley Urdu Language Program in Pakistan) for the past two years. With no immediate sign of change in current conditions, the Center for South Asia Studies (CSAS) at Berkeley remains committed to encouraging students to seek out advanced training in Urdu. CSAS has resolved to change the location of the program until such time as the travel warning is lifted. Up to twelve students will be funded annually to study Urdu in Lucknow, India, at the AIIS Urdu program.

Key Dates: Application deadline: Monday, March 28, 2005 (5 PM PST); Notification: Monday, April 25, 2005; Program duration: September 2005-April 2006; Eligibility: Graduate students and undergraduate students at the junior or senior level at institutions of higher learning in the US, Teachers in area studies, US citizens or permanent residents of the US. Applicants must have a minimum of two years, or 240 class hours of classroom instruction, in Urdu before starting the program. – Applicants, who have had one year language training at the time of application, will be considered, if they successfully complete an intensive second-year summer language program before their enrollment in the program. Applicants with a minimum of two years experience in Hindi are eligible for an award, if they familiarize themselves with the Urdu script prior to entering the program. All qualified students, regardless of race, sex, color, creed, age, handicap, sexual orientation or national origin, are welcome. The Program: The 2005-06 program will begin in September 2005.

Instruction will be offered at the AIIS Language Center in Lucknow and the program will be administered in India by AIIS staff. This is an intensive language program that provides four hours of classroom instruction five days a week.

Classes are small and individual tutorials are provided. There will be regular assignments outside of class and there is special emphasis on connecting with the local speech community and self-management of learning. Participants are encouraged to identify and prioritize their needs and keep track of their language development. Participants must take part in all program events, such as attending films, plays and other cultural activities. They are also encouraged to stay with local host families.

This is not a research program. Participants are expected to devote all their energies to activities that will increase their competence in all areas of language skills: speaking, listening, reading and writing. Participants will have ample opportunity to study their research-related materials in the target language during personal tutorials.

For more information, contact by email: bulpip@berkeley.edu
Address: Center for South Asia Studies, 10 Stephens Hall, No. 2310 University of California Berkeley, CA.

Fellowships of "The American Philosophical Society Library"

The American Philosophical Society Library offers short-term residential fellowships for conducting research in its collections. The Society's Library, located near Independence Hall in Philadelphia, is a leading international center for research in the history of American science and technology and its European roots, as well as early American history and culture. The Library houses over 8 million manuscripts, 250,000 volumes and bound periodicals, and thousands of maps and prints. Outstanding historical collections and subject areas include the papers of Benjamin Franklin; the American Revolution; 18th and 19th-century natural history; western scientific expeditions and travel including the journals of Lewis and

Clark; polar exploration; the papers of Charles Willson Peale, his family and descendants; American Indian languages; anthropology including the papers of Franz Boas; the papers of Charles Darwin and his forerunners, colleagues, critics, and successors; history of genetics, eugenics, and evolution; history of biochemistry, physiology, and biophysics; 20th-century medical research; and history of physics. The Library does not hold materials on philosophy in the modern sense.

The deadline for the 2005-2006 Library Resident Research Fellowships of the American Philosophical Society Library is March 1, 2005.

Full details on the fellowship and how to apply can be found on the Society's web site: <http://www.amphilsoc.org/grants/resident.htm>

2005-2006 Paul Klemperer Fellowship in the History of Medicine and the Audrey and William H. Helfand Fellowship in the Medical Humanities

The Fellowship in the History of Medicine supports research-using resources of the Academy Library for scholarly study of the history of medicine. The Fellowship in the Medical Humanities supports work in the humanities, including both creative projects dealing with health and the medical enterprise, as well as scholarly research in a humanistic discipline -- other than the history of medicine-- as applied to medicine and health.

Please visit www.nyam.org/grants/history.shtml for application forms and instructions. For those unable to access the forms through the web, address your requests for application forms or further information to: Office of the Academy Historian, New York Academy of Medicine, 1216 Fifth Avenue, New York, NY 10029. Email: history@nyam.org.

Lecturer in History of Medicine

Applications are invited for the position of Lecturer in the History of Medicine at the Centre for the History of Science, Technology and Medicine. The Centre is one of the leading international places for the study of the history of science, technology and medicine. It runs one

of the most successful graduate programmes in the world and was rated 5A in the last research assessment exercise.

The job is suitable for someone early in their career who shows outstanding potential as a researcher and teacher in the history of medicine and life sciences. The research specialty should be post 1800, though there is some preference for post 1900. Candidates must have a PhD in the history of medicine or a closely related field. One should be able to demonstrate excellence in research and be capable of continuing to develop one's research in appropriate areas. He will be expected to contribute to undergraduate and post-graduate teaching (including PhD supervision) in the history of medicine and life sciences, and may be asked to contribute to teaching in areas beyond their research specialty at undergraduate level and in tutoring M.Sc. students.

Salary will be in the range £35,001 - £39,094 per annum, depending on experience. Further details of the research activities of the group may be found at www.ic.ac.uk/historyofscience. Informal enquiries may be directed to the Head of the Centre, Professor Andrew Warwick at his e-mail: a.warwick@imperial.ac.uk.

Application form can be downloaded from www.ic.ac.uk/employment/academicform.htm, or can be requested from Robert Powell, Departmental Administrator, Centre for the History of Science, Technology and Medicine, Imperial College London, SW7 2AZ.

NOTICES ON PUBLICATIONS

Journal on history of science

The Editorial Board of *Osiris*, a research journal devoted to the history of science and its cultural influences, solicits proposals for Volume 23, to appear in 2008. *Osiris* is a journal of the History of Science Society (USA) published by University of Chicago Press. The *Osiris* Editorial Board will consider proposals for Volume 23 in spring 2005.

Proposals for broad themes that integrate issues in the history of science into topics of "mainstream" history are especially encouraged.

as are contributors from the historical discipline at large. The Board is also very much interested in proposals, which assess the "state of the field" in various areas of the history of science.

Recent volumes include Science and Civil Society (2002), Science and the City (2003), Landscapes of Exposure (2004), and Politics and Science in Wartime (to appear July 2005).

Prospective guest editors should submit the following materials for consideration:

(1) A proposal of approximately 2000 words describing topic and its relationship to the literature to date including, where appropriate, the literature in mainstream history; (2) a list of 12-15 contributors with the theme, topic, or title of contribution; and (3) publication c.v. of guest editor(s). Guest editors and their contributors should be prepared to meet to the Osiris publication schedule. Guest editors must therefore choose contributors who are able to submit their essays by September 2006.

Volume 23 (2008) goes to press after refereeing, author's revisions, and copy editing in the fall of 2007. Proposals are reviewed by the Osiris Editorial Board. Announcement of the next volume of Osiris will be made by late spring 2005. Preliminary inquiries may be sent to: osiris@georgetown.edu

Proposals and all supporting materials should be sent in hard or electronic copy by April 1, 2005 to: Kathryn M. Olesko, Osiris Editor, BMW Center for German & European Studies Georgetown University Washington, DC 0057-1022.

Natural Product Radiance

National Institute of Science Communication and Information Resources (NISCAIR), CSIR, Govt. of India, launched *Natural Product Radiance* a bimonthly digest in January 2002. This digest is devoted to the promotion and dissemination of information on propagation, conservation, processing and utilization of plants, animals and minerals and their products. The contributed articles and other information collected and collated by the editors are placed under various columns like, articles, features, explorer (innovators' innovations, Ethno-

botanical studies, folklore medicine / products), green page (cultivation, conservation), tips from medical experts, digests, in brief, internet news, conference/ exhibition reports, project/schemes, book reviews and announcements. It is profusely illustrated with colour photographs.

The advisory board members of the digest belong to different scientific / Ayurvedic institutes, Pharmaceutical industries and Hospitals of international repute. It is circulated amongst institutions, businessmen, companies, colleges, etc. and has received very good response and encouraging comments on this venture. It is regularly covered by the abstracting and current awareness services like CAB International, UK, ISA and MAPA, New Delhi. Recently NISCAIR has taken initiative to introduce the International Patent Classification (IPC) code for each article published in its journals to make them more significant and industry oriented.

Many eminent scientists have contributed their articles for publication. In view of this, it is requested to extend cooperation and patronage to this digest by contributing general articles, review articles and features in the areas of natural products mentioned above. The editorial board assures authors quick publication, once editorial guidelines are fulfilled. Abstracts of articles of each issue are also available on the website: www.niscair.res.in.

The annual subscription rate of the journal is Rs 400/- for 6 issues but one can avail 15% discount and may send Rs 340/- DD in the name of the Director, NISCAIR.

[Contributed by, Dr (Mrs.) Sunita Garg,
Scientist / Editor, Natural Product Radiance]

WEBSITES

www.lloydlibrary.org

The Lloyd Library and Museum is pleased to announce important additions & enhancements to its website. New features include databases never before available and now accessed only on our website. These are the Eclectic Medical Journal Index, created by the Lloyd Staff, and

Pharmacists in World War II, created and maintained by Lloyd Scholar, Dennis Worthen, in conjunction with his book, Pharmacy in World War II. The Eclectic Medical Journal Index is the only one available for this Cincinnati publication and indexes its entire run of 97 volumes published from 1849 to 1937. Pharmacists in World War II include over 11,000 pharmacists, pharmacy students, and those returning from the military on the GI Bill.

Also new is the first online exhibit—a virtual representation of the Lloyd's successful 2003-2004 exhibit Mining the Lloyd: Book Artists Reveal Secrets and Treasures from the Lloyd Library and Museum. The Lloyd collaborated with local artists Susan Brumm and Diane Stemper in inviting book artists to choose a text from the library's collection and use it as an inspiration for a new creation. The online exhibit is a reproduction of the exhibit catalog and features color photographs of the artists' books, their statements, and the title of the Lloyd text that inspired the work. Introductions from co-curators, Brumm and Stemper, explore the relationship between sciences and art, making the case for a visual arts display within a scientific context. Another improvement has recently been negotiated with the University of Cincinnati Libraries that makes searching Lloyd's holdings through UC's online catalog easier for our patrons.

The Lloyd Library and Museum, located at 917 Plum Street, downtown Cincinnati, is a local and regional treasure. The library was developed in the nineteenth century by the Lloyd Brothers—John Uri, Curtis Gates, and Nelson Ashley. Incorporated in 1898, its original purpose was to provide a reference and research facility for Lloyd Brothers Pharmacists, Inc., one of the leading pharmaceutical companies of the period. A trust was established in 1919 to guarantee that the library would continue to fulfill its mission "to collect and maintain a library on botanical, medical, pharmaceutical, and scientific books and periodicals and works of allied sciences" into the future. The Lloyd Library and Museum is recognized worldwide by the scientific

community as a vital research center. Housing hundreds of thousands of volumes on the subjects of pharmacy, botany, horticulture, herbal and alternative medicines, natural products, homeopathy, and eclectic medicine, the Lloyd maintains a vast collection of scientific texts—from the most current works to those that date back hundreds of years. Included in this rare book collection is an original copy of the ten-volume *Flora Greca* (1840) by John Sibthorp, an original copy of Elizabeth Blackwell's *A Curious Herbal* (1739), *Mesue Vulgare* (a 1493 "common book" of remedies), and an array of rare European texts from the sixteenth and seventeenth centuries.

Address: Lloyd Library and Museum 917 Plum Street Cincinnati, Ohio 45202 513-721-3707.

Website: www.lloydlibrary.org

www.medicare.org.uk

The Royal Pump Rooms, Leamington Spa launched its new website "Medicare" on 14.2.2005. Medicare is the name given to a comprehensive programme of exhibitions, events, collections and educational projects uniting medical science and visual arts. All of which can now be seen on the new website www.medicare.org.uk which has been partly funded by The Wellcome Trust.

People have used the Royal Pump Rooms for spa treatments from the day it first opened in 1814 until the late 1990s when the NHS closed the physiotherapy department. The spa water was first used to treat hydrophobia, but was gradually recognised as having wider health and medical benefits and went on to be used in the treatment of many illnesses including rheumatism, polio, obesity and heart disease.

DOCUMENTATION

Ibn Sina International Foundation

Prof. Shukhrat Irgashev (Chairman)

The Ibn Sina (Avicenna) International Foundation, which was organized during February 1999 in the Republic of Uzbekistan at

Tashkent, is a non-government, non-profitable organization. It was set up on February 8, 1999 and supported by the Decree of President I.A. Karimov. The major activity of the Foundation is in-depth study and popularization of the great heritage of Avicenna, determination of its links with current science and participation in reforms of the health care system of Uzbekistan.

The Foundation's main goals and scope of activity are:

- To study the scientific, spiritual and medical heritage of Avicenna;
- To develop a scientific school and encourage and coordinate activities of researches in the field;
- To develop programs on studying the great heritage of Avicenna;
- To systematize and publish Avicenna's treatises and to make a library of his books;
- To advocate the healthy life style on the basis of the great scientist's books;
- To develop permanent programs for TV and radio in order to popularize Avicenna's scientific and spiritual heritage;
- To publish regularly the international scientific and practical journal "Ibn Sina - Avicenna";
- To found a museum of the great scientist;
- To set up medical and social charity organizations including Gerontologic (Geriatric) Centers for elderly people;
- To set up Consultative Centers for "Children Upbringing", "Prevention of drug addiction and HIV/AIDS", and for oriental (folk) medicine and healthy life style;
- To hold annual scientific and practical International Conference "International Avicenna Readings" in Bukhara, the motherland of the great scientist, in order to popularize his scientific and spiritual heritage;
- To develop international cooperation, including UNESCO, to study and popularize the great scientific heritage and attract foreign investments and grants;
- To set up branches of the Foundation in all the areas of Uzbekistan and abroad.

Abu Ali Ibn Sina, the great scientist of encyclopedic knowledge, left to the mankind a

huge scientific heritage that played invaluable role in development of the civilization. Today, after one millennium, his scientific trends are of current interest and require in-depth study to be implemented in our times.

The figure of the great scientist, his spiritual world and his ethical character in particular are a model to follow for present young people.

Being an inquiring experimenter and unequalled healer he made a great contribution to different fields of science, especially to medicine, developing his knowledge on the basis of deep study of past experience and logical analysis of life. His views are an example of thinking and using the ethical principles in science.

The International Ibn Sina (Avicenna) Foundation has created a scientific school to study the scientific and creative heritage of the scientists and set up cultural centers, where activities pertaining to popularise Avicenna are held to involve young people in studying his spiritual, ethic contribution to science. The foundation has made a multimedia encyclopedia about Ibn Sina, and a virtual library, which is now on the Internet. Special programs on different aspects of his spiritual and ethical doctrine are being implemented in schools and institutes of higher education.

A lot of booklets, brochures are devoted to these issues; they are disseminated among the population of the country during regular meetings, seminars, conferences & discussions.

The main information part of the Foundation is the international scientific and practical journal "Ibn Sina (Avicenna)" published in three languages (Uzbek, English, and Russian). In addition to articles about the creative work of the great scientist, a special attention is paid to bioethical problems, issues of spirituality and moral in books by Ibn Sina and their links with the current science.

The program of the "Second International Avicenna's Readings" held in Bukhara in 2001 was called "The great heritage and modern civilization". The problems of drug addiction and HIV/AIDS as well as some issues of

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gerontology were discussed from the point of view of spiritual and ethical principles. Representatives of different governmental agencies of Uzbekistan, many foreign scientists (including those from Iran) and representatives of NGOs took part in the conference.

The Ibn Sina International Foundation was awarded the Jonathan Mann International Prize of the UNO in 2001 "for successful activity in the prevention of HIV/AIDS".

In 2002, following the tradition "International Avicenna Readings - III" was organized, to discuss main topics. The conference was held with the title "Great Sources and Problems of Modern Civilization". The resolution of the conference approved the National conception on the role of spirituality based on people's traditions, the great sources in combating drug addiction and spread of HIV/AIDS. The activity of the Foundation in this sphere resulted in setting up a Partners (Coordination) Council of NGOs to prevent drug addiction and spread of HIV/AIDS, STI (sexually transmitted diseases). The Chairman of the Board of the Foundation Sh.B.Irgashev was elected the head of the Council.

Recent development of modern science has led to the elaboration of new legal and ethical rules, in particular owing to achievements in the study of human genome.

In the beginning of 2003 the National Committee for Bioethics was organized at the Ibn Sina Foundation under the auspices of the International Program of UNESCO. This Committee consists of famous scientists, physicians, lawyers, sociologists, historians, journalists, and representative of religious confessions of Uzbekistan. The Committee's tasks are:

- To cooperate with concerned Ministries, agencies, scientific institutions in order to participate in the UNESCO program on Bioethics;
- To prepare agreed proposals on participation of Uzbekistan in the UNESCO program on Bioethics;
- To discuss, summarize and disseminate the recommendations and proposals on

implementing the UNESCO program on Bioethics;

- To discuss projects of international cooperation being implemented according to the UNESCO program on Bioethics;
- To submit proposals to Governmental bodies of Uzbekistan on participation in international activity, improvement of Uzbekistan participation in the UNESCO program on Bioethics;
- To prepare a draft law on issues of bioethics and on legal aspects of human genome and human rights.

The Foundation cooperates with many international organizations. The Chair of Oriental Medicine was organized together with UNESCO and is now successfully functioning in the Medical Institute, Bukhara, the native town of the prominent scientist. The agreement on cooperation with Hamadan University (Iran), named after Bu Ali Ibn Sina, was signed in 2001. The scientists from Iran took part two times in "The International Avicenna Readings". Joint conferences with Iranian scientists on different aspects of Ibn Sina's heritage are planned.

In 2001 an agreement was also signed between the Ibn Sina Foundation and the Ibn Sina Academy of Medieval Medicine and Sciences, Aligarh (India).

The Foundation has close contacts with the Latvian Museum of Medicine. In 2003 an agreement on cooperation was signed with the Cairo University 'Ain al-Shams.

The Foundation is cooperating in its activities with UNESCO, UNAIDS, USAID, UNICEF, UNODC, WHO, Counterpart International, and foreign embassies.

The Foundations has its branches nearly in all Uzbekistan provinces, the Representative Offices in France and the Republic of Kyrgyzstan. Its representatives work in USA, Canada, and Russian Federation also.

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SHORT COMMUNICATION

**Mathematical Sciences in Indo-Persian – An
Analysis of Source Material**

S.M. Razaullah Ansari

This is a series of papers in which I wish to take stock of the available primary sources, particularly in Indo-Persian.

I may recall first that C.A. Storey, in his *Persian Literature*, Vol.2, pt. 1(London 1958), has listed under mathematics 59 mathematicians and their works along with 63 anonymous works, thus totalling to 122 works in Persian. On the other hand, Ahmad Munzavi in his *Comprehensive Catalogue of Manuscripts in Pakistan*, Vol.1 (Islamabad, 1983), has given 1068 entries in which he has listed the works of known mathematicians plus the anonymous works. For Indian manuscript collections we do not have a reliable data, but I may conjecture that about 1500-2000 mathematical works in Persian and in manuscript form might be extant. All this is surely a very substantial material for critical studies.

In this paper, I wish to concentrate only on *Arithmetic*, which had been and still is a very practical branch of mathematics. To start with, I may remind that in all Medieval Indian madrasahs mathematics (*Riyādiyāt*), astronomy (*Nujūm, Hay'at*) and logic (*Manṭiq*) was part of the curriculum of the rational sciences (*'Ulūm-i 'Aqliyah*), following Emperor Akbar's decree and especially when in about 1732 A.D. the *Dars-i Nizāmiyah* was introduced in Indian madrasahs. From the list of the most important books of the rational sciences used in madrasahs, I select the book, *Khulāṣat al-Ḥisāb* by Bahā'uddīn al-Āmilī (1547-1622) – a well known Iranian scholar, whose books of mathematics and astronomy were employed extensively both in Iran and India. Another book then also used was 'Alā'uddīn 'Alī Quschchī (1438-1474), *Fārsī Ḥisāb* or *Mizān*

al-Ḥisāb. Both these books were published later litho-graphically a number of times in India.

In order to bring forth the importance of al-Āmilī's *Arithmetic*, I discuss first its circa 36 manuscript copies extant in India and Pakistan (as against about 80-90 throughout the world), and the available Persian translations and commentaries, presuming that the indicator of significance and popularity of a certain book is the above-mentioned data. I emphasize that the first Persian translation was done by Roshan Ali Jaunpuri, published in 1812 from Calcutta. Second, we present a list of original arithmetical books written during Medieval India, which used al-Āmilī's book as one of the main sources. I give here also salient features of the contents of those books.

Moreover, I wish to present, as an instance of another category of works, a brief partial account of a voluminous book, *Khazānat al-'Ilm*, a treatise of mathematics in Persian by Kānhji Mal Azīmābādī, written in 1814, printed and published from Calcutta in 1837. This book deals with the *modern European* mathematics specifically.

Finally, I may add that the madrasahs authorities remained unconcerned and indifferent not only to the modern development of mathematics in Europe, but also to the Indian mathematics, although the Persian translation of Bhāskara's *Arithmetic (Līlāvati)* and of *Algebra (Bijgāgita)* were carried out by Faizī during Akbar's reign and by 'Aṭullāh bin Aḥmad Ma'mār during Shāhjahān's reign respectively. Let us discuss the *raison d'être* of this *indifference* thoroughly.

[Abstract of the Invited Talk at the Dept. of Persian, Aligarh Muslim University, Aligarh, April, 3, 2005]



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