

Lead Environmental Health
The Current Issues
P.O. Drawer 40399
Raleigh, North Carolina 27629
May 29-30, 1985

General Information

Conference Registration Fees:

- **Full Conference** — \$US 200 per person. Includes two day conference, conference materials, coffee breaks, lunches, and reception and dinner on May 29th.
- **First Day Conference** — \$US 125 per person. Includes conference materials, coffee breaks, lunch, reception and dinner on May 29th.
- **Second Day Conference** — \$US 100 per person. Includes conference materials, coffee break, and lunch on May 30th.

Checks should be in US dollars and made payable to: DUKE OCCUPATIONAL HEALTH SERVICE

For additional information on the conference contact: Lois M. Wysocki, Director
Occupational Health Service
Duke University Medical Center
Box 2914
Durham, NC, USA 27710
(919) 684-6677

For additional information on hotel reservations contact: Ms. Lee Dodson, Meeting Coordinator
Upton Associates
Post Office Drawer 40399
Raleigh, NC, USA 27629
(919) 872-2224

- Hotel reservations must be received by May 6th (Make checks payable to the hotel)
- Conference registrations must be received by May 22nd
- Cancellation must be received by May 15th. After May 15th a processing fee of \$50 will be non refundable.

Confirmation—

You will receive a confirmation and additional information upon receipt of your registration/reservation forms.

Hotels—

The Hilton Hotel is located adjacent to the Duke University campus. It features a full service restaurant with music nightly; a lounge open from 4:30 p.m. to 11:30 p.m.; all-year swimming pool, sauna and whirlpool.

Sheraton University Center Hotel is close by Duke University and offers a variety of services including two restaurants, lobby bar with entertainment, gift shop, indoor pool and whirlpool.

Both hotels are 15 miles from the Raleigh-Durham Airport.

Recreation—

Golf and tennis information will be forwarded with your meeting registration confirmation.

Climate—

Duke University is situated in the Piedmont Region of North Carolina. Temperatures in late May are normally quite warm, averaging 70°F. (38°C)

Shuttle Service—

Transportation between hotels and the Bryan Center meeting site will be provided all during the conference.

Rental Cars—

Several car rental agencies are located in Terminal B at the Raleigh-Durham Airport.

Lead

Environmental Health

The Current Issues

Sponsored by

Division of Community Medicine

Occupational Medicine

Duke University Medical Center

TEH 0412668

May 29-30, 1985
Bryan Center
Duke University
Durham, North Carolina, USA

First Class
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Raleigh, NC

Dr. Jack Pierrard
E.I. duPont de Nemours & Company, Inc.
Petroleum Laboratory
Wilmington, DE 19898

N 31011

The Conference

Key issues pertaining to the impact of environmental lead on children and adults will be the focus of this two day conference, "Lead Environmental Health".

Presentations on the first day will focus on the importance of various sources of lead in the environment, and the biochemical and hematological effects of lead. The second day will be devoted to behavioral and neurologic effects of exposure to lead, the possible role of lead as a carcinogen and lead's effect on fertility.

PROGRAM

**Lead Environmental Health
The Current Issues
Duke University-Bryan Center
Durham, N.C.
May 29-30, 1985**

Wednesday — May 29, 1985

7:30-8:30am Registration—Upper Lobby
8:30-9:40am Welcome and Opening Remarks—film Theater
Leonard J. Goldwater, M.D.
Duke University Medical Center
Durham, N.C. USA
8:40-9:00am Key Issues in EPA Lead Criteria Document
Lester D. Grant, Ph.D.
U.S. Environmental Protection Agency
Research Triangle Park, N.C. USA

Importance of Various Sources of Lead Absorption

9:00-9:45am KEYNOTE REVIEW
Peter C. Eklund, M.D.
Medical Research Council
Epidemiology Unit (South Wales)
Cardiff, Wales, UK
9:45-10:15am NHANES II — Statistical Overview and Evaluation
Peter G. Carls, Ph.D.
University of Cincinnati
Cincinnati, OH, USA
10:15-10:45am Break

10:45-11:15am

ISOTOPIC LEAD EXPERIMENT — AN UPDATE
Sergio Facchetti, M.D.
Commission of the European Communities
Joint Research Centre, Ispra, Italy

11:15-11:45am SOURCES OF LEAD IN URBAN ENVIRONMENT
Paul B. Hammond, Ph.D.
University of Cincinnati
Cincinnati, OH, USA

11:45-12:00 Discussion

12:00-1:30pm Lunch — Von Cannon Hall

Biochemical and Hematological Effects —
When Are They Harmful?

1:30-2:15pm KEYNOTE REVIEW
Donald B. Pridmore, M.D.
Westminster Children's Hospital
London, England, UK

2:15-2:45pm LEAD AND VITAMIN D METABOLISM
To Be Announced

2:45-3:15pm LEAD AND PYRIMIDINE-5-NUCLEOTIDASE
INHIBITION
Donald Paglia, M.D.
University of California
Los Angeles, CA, USA

3:15-3:45pm Break

3:45-4:15pm LEAD AND HEME PRECURSORS
Michael R. Moore, M.D.
University of Glasgow
Glasgow, Scotland, UK

4:15-4:45pm LEAD AND HYPERTENSION
S. V. Pocock, M.D.
Royal Free Hospital
School of Medicine
London, England, UK

4:45-5:00pm Discussion

5:00-6:00pm Free Time

6:00pm Reception and Dinner—Searle Center for
Continuing Education in
the Health Sciences
Duke Medical Center
Durham, N.C.

Thursday, May 30, 1985

Behavioral and Neurological Effects of Lead Exposure

8:30-8:40am KEYNOTE REVIEW
Robert Bornschein, M.D.
University of Cincinnati
Cincinnati, OH, USA

8:40-10:45am PANEL DISCUSSION: NEUROBEHAVIORAL
EFFECTS OF LEAD
Panelists: Recent Cross Sectional Studies
W. Yule, M.D.
Bethlehem Royal Hospital
London, England, UK

8:40-8:55am Break

8:55-9:10am

M. Smith, M.D.
Hospital for Sick Children
London, England, UK

9:10-9:25am Panelists: Update on Longitudinal Studies
K. Dietrick, M.D., Ph.D.
University of Cincinnati
Cincinnati, OH, USA

9:25-9:40am

W.G. McBride, M.D.
Foundation 41
Sydney, Australia

9:40-9:55am

C.B. Enghart, Ph.D.
Cleveland Metropolitan Hospital
Cleveland, OH, USA

9:55-10:10am

G. Winneke, M.D.
University of Dusseldorf
Dusseldorf, West Germany

10:10-10:45am Discussion

10:45-11:15am Break

11:15-11:45 LEAD EXPOSURE AND EVOKED POTENTIAL
IN CHILDREN
David Otto, M.D., Ph.D.
U.S. Environmental Protection Agency
Research Triangle Park, N.C. USA

11:45-12:15pm LEAD AND NERVE CONDUCTION VELOCITY
Albert L. Zile, M.D.
University of North Carolina
Chapel Hill, N.C. USA

12:15-1:45pm Lunch — Von Cannon Hall

1:45-2:15pm LEAD AND FERTILITY
Donald Wharton, M.D.
Environmental Health Associates
Oakland, CA, USA

2:15-2:45pm LEAD AND CANCER
George Kazantzis, M.D.
London School of Hygiene and Tropical Medicine
London, England, UK

2:45-3:45pm GENERAL DISCUSSION AND RESEARCH NEEDS
J.I. Chisolm, M.D.
P.C. Eklund, M.D.
P.B. Hammond, Ph.D.
M.D. Kazantzis, M.D.
D. Dietrick, M.D.
R.D. Pridmore, Ph.D.

3:45-4:00pm SUMMARY AND OVERVIEW
J. Julian Chisolm, M.D.
John F. Kennedy Institute for
Handicapped Children
Baltimore, MD, USA

The Conference is Supported
By Grants from the
International Lead Zinc
Research Organization and
Lead Industries Association

REGISTRATION/RESERVATION FORM

LEAD ENVIRONMENTAL HEALTH CONFERENCE

Conference Registration Fees:

Full conference — \$US200 per person.

First day conference — \$US125 per person.

Second day conference — \$US100 per person.

MAKE REGISTRATION CHECK PAYABLE TO:
DUKE OCCUPATIONAL HEALTH SERVICE

Hotel Reservations:

Please check your first choice hotel:

Hilton Hotel, \$51 single, \$59 double

Sheraton University Center, \$45 single, \$50 double

All rates are European plan (no meals included). Both hotels require one nights room rental deposit by personal check or credit card to guarantee rooms. Checks must be in US dollars and payable to the HOTEL.

Enclosed is my check for one nights deposit of \$US.

OR guarantee my room with credit card:

Card Name _____ Exp. Date _____

Card # _____

Type of room _____ single _____ double.

Arrival date _____ Departure date _____

Name _____ Bus. Phone _____

Organization _____

Address _____

City/State/Zip/Country _____

RETURN THIS FORM TO:

Upton Associates

Lead Conference Coordinator

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