Search scenarios for health professionals and others illustrate situations and searches for information in the HSDB, TOXLINE, IRIS, TRI, DART, GENE-TOX, and RTECS files. These search scenarios demonstrate direct, menu, cross-file and/or Grateful Med searching.

Several microcomputer-based tutorials on the TEHIP files can be downloaded to IBM and compatible personal computers. The TEHIP Files Demo Disk program is designed to acquaint users with the contents of the TEHIP files and the MEDLARS search capabilities. ELHILL LEARN, TOXLEARN, and MEDTUTOR are individual training packages containing interactive instruction on using the ELHILL search and retrieval system and on searching the TOXLINE and MEDLINE databases.

Calendar of meetings, courses, and publications

This section of the TEHIP gopher lists selected upcoming meetings, courses, and publications of interest to those in the field of toxicology and environmental health. Meetings at which TEHIP will participate are identified.

Case studies in environmental medicine

ATSDR (Agency for Toxic Substances and Disease Registry, Public Health Service, US Department of Health and Human Services) publishes a series of self-instructional publications designed to increase the primary care provider's knowledge of hazardous substances in the environment and aid in the evaluation of potentially exposed patients. These documents are accessible from this gopher service.

Bibliography on alternatives to animal testing

The *Bibliography on Alternatives to the Use of Live Vertebrates in Biomedical Research and Testing* (formerly *Alternatives to Animal Testing*), produced quarterly by staff of the Toxicology and Environmental Health Information Program from searches of the MEDLARS databases, is available for browsing or can be downloaded via anonymous ftp (nlmpubs.nlm.nih.gov). Citations in the bibliography are organized by subject or test method used and include abstracts, if available. The focus of the bibliography is the identification of methods and procedures helpful in supporting the development, testing, application, and validation of alternatives to the use of vertebrates in biomedical research and toxicology testing.

Connections to resources in toxicology and environmental health

This section offers the user direct gopher paths to selected sources of information relevant to toxicology and human health and safety.

Other resources related to toxicology and environmental health

This section offers the user a selection of sources of information such as e-mail, bulletin boards, listservers, ftp service, World Wide Web (WWW), and telnet and gopher connections, which broadly address toxicology and environmental health. For those gophers which can be selected directly from this service, the user will be connected to the top level and can then navigate throughout the resource.

Information on the Division of Specialized Information Services

Information on the mission, programs, and services of the Division of Specialized Information Services (SIS) and SIS staff e-mail addresses are provided.

Please direct any questions or comments regarding the TEHIP Gopher to:

TEHIP Gopher Project
Specialized Information Services
National Library of Medicine
8600 Rockville Pike
Bethesda, MD 20894
Telephone: (301) 496-5022
FAX: (301) 480-3537
e-mail: tehip@teh.nlm.nih.gov

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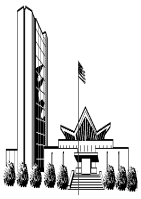

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SPECIALIZED INFORMATION SERVICES
US Department of Health and Human Services
Public Health Service • National Institutes of Health

TOXICOLOGY AND ENVIRONMENTAL HEALTH INFORMATION PROGRAM

GOPHER

The Toxicology and Environmental Health Information Program (TEHIP) Gopher is one of many information services provided to the biomedical community by the Toxicology and Environmental Health Information Program, Division of Specialized Information Services, National Library of Medicine (NLM). The purpose of the TEHIP Gopher is to facilitate Internet access to national and international resources focusing on toxicology and environmental health. The TEHIP Gopher is currently offered as a module of the NLM Gopher which is available over the Internet. Access is through a gopher client (gopher to **gopher.nlm.nih.gov**). Factsheets, reference manual chapters, database search scenarios, and microcomputer-based training may be obtained from this gopher or via anonymous ftp (**nlmpubs.nlm.nih.gov**). The TEHIP gopher is under continuous development and currently provides access to the following:

Online databases and data banks

Online search service to the MEDLARS (MEDical Literature Analysis and Retrieval System), including the chemical and toxicological databases, is available to users with valid MEDLARS search codes. Command language searching and TOXNET search menus are available through the TEHIP gopher. Grateful Med can be used with dial-up and telnet access. Databases and data banks available include:

CCRIS (Chemical Carcinogenesis Research Information System)
ChemID (CHEMical IDentification file)
CHEMLINE (CHEMical Dictionary OnLINE)
DART/ETICBACK (Developmental and Reproductive Toxicology)/(Environmental Teratology Information Center BACKfile)
DIRLINE (Directory of Information Resources OnLINE)
EMIC/EMICBACK (Environmental Mutagen Information Center/Environmental Mutagen Information Center BACKfile)
GENE-TOX (GENEtic TOXicology)
HSDB (Hazardous Substances Data Bank)
IRIS (Integrated Risk Information System)
RTECS (Registry of Toxic Effects of Chemical Substances)
TRI (Toxic Chemical Release Inventory)
TRIFACTS (Toxic chemical Release Inventory FACT Sheets)
TOXLINE/TOXLIT (TOXicology Information OnLINE)/(TOXicology LITerature from Special Sources)

Factsheets

Selected TEHIP Factsheets may be obtained in ASCII text.

Reference manual chapters, search scenarios, and microcomputer-based training

NLM *Online Services Reference Manual* chapters for CCRIS, ChemID, CHEMLINE, DART/ETICBACK, DIRLINE, EMIC/ETICBACK, GENE-TOX, HSDB, IRIS, RTECS, TOXLINE/TOXLIT, TRI, TRIFacts, and the TOXNET system may be downloaded in Word Perfect 5.1 (*.wp, binary) and in Postscript (*.ps, ASCII) formats. Chapters on databases and data banks feature detailed information on searching the TEHIP databases or data banks.