

The fundamental function of the Geological Survey is to collect, interpret, and report information on basic geologic features, including surface and groundwater, and products of the state including coal, gypsum, sand and gravel, ceramic clay and shale, limestone and dolomite, raw materials for the manufacture of cement, ore deposits, and other mineral resources. Extensive geophysical studies have augmented the normal geological studies. As the repository for all basic geologic and water data obtained in the state, the survey makes every effort to secure all such data and, in turn, to reduce the data so that it is meaningful and available to all agricultural, industrial, and governmental organizations and to individual citizens.

In addition to the basic data program, the survey conducts various research programs aimed at furthering the geologic and hydrologic knowledge of the state. The programs range from re-evaluation and manipulation of extant data to complex data gathering and interpretative surveys. The knowledge gained through research leads not only to better management of our known resources, but also to discovery, utilization and protection of the resources of Iowa. To implement research in hydrology in the state, the survey uses the authority granted in section 305.8, Code of Iowa, to cooperate with the Water Resources Division of the U.S. Geological Survey in cost-sharing programs. Cooperative programs with the Water Resources Division accomplish the collection and dissemination of data on water wells, water levels, streamflow and sediment loads, lake levels, and other hydraulic data.

The basic method of information dissemination is in formal reports and maps published by the Iowa Geological Survey. These publications include special county reports and maps covering geology and mineral production. There are four technical papers on Iowa coal and ten water supply bulletins. The publication of a new "public information" series has been established. In the absence of a report on a particular area of interest or where a detailed report is necessary for a specific purpose, unpublished special reports are provided to governmental units. To further the value of the reports, the survey acts in a consultative capacity to those nonprofit groups who seek assistance. Except where the state can expect to acquire important information, consultations with private consulting firms are not performed, but the survey data bank and files are freely available for the use of all.

In its role as consultant, the survey has the responsibility of providing information about naturally occurring resources. In this context the survey assumes a strong responsibility in advising local and regional planners as to effects various land uses will have on the environment under the existing geological and hydrologic conditions of an area. The study of geologic conditions as they affect land-use planning and environmental preservation is an important interpretative function of the state geologist and his staff.

Consultation with and technical service to various state and federal agencies with regulatory powers over activities affecting the environment is a part of the ongoing program of the survey. In accordance with chapter 84, Code of Iowa 1962, the state geologist acts as the oil and gas administrator.

Iowa State Department of Health

The Iowa State Board of Health is the policy-making body for the Iowa State Department of Health and has the powers and duties to adopt, promulgate, amend, and repeal rules and regulations, and advise or make recommendations to the Governor, General Assembly, and Commissioner of Public Health relative to public health, hygiene, and sanitation.

The Iowa State Board of Health is comprised of the following members appointed by the Governor:

FREDERIC M. ASHLER, M.D.; JOHN I. BALLENSKY, R.Ph., Sigourney; WILLIAM BROWN, D.D.S., Des Moines; KENNETH L. CLAYTON, D.O., Spirit Lake; JOHN L. CLEASBY, Ph.D., Ames; MARY KENNEDY, R.N., Cedar Falls; AARON P. RANDOLPH, M.D., Anamosa; PAUL SEEBOHN, M.D., Iowa City; PAUL W. THIELKING, O.D., Des Moines.

Commissioner: **NORMAN L. PAWLEWSKI, B.S.**, Appointed by the Governor.

Assistants to the Commissioner: Appointed by the Commissioner of Public Health.

For Medical Affairs—**RONALD D. ECKOFF, M.D., M.P.H.**

For Management and Budget: Fiscal Office, Data Processing, Information and Education, Personnel Office, Office Services, Statistical Services, Vital Records—**PAUL CARLSON, B.S., M.P.A.**

For External Affairs: Legislative Services, Legal Services, Licensing and Certification—**TED R. ELLIS, B.A.**

Under the direction of the Commissioner, the Iowa State Department of Health exercises general supervision of the state's public health, promotes public hygiene and sanitation, and, unless otherwise provided, enforces laws relating to public health. The Department's programs are conducted through service areas composed of appropriate divisions.

Office for Health Planning and Development

COOPER L. PARKER, Director.

The Office for Health Planning and Development is responsible for:

1. conducting the health planning activities of the state and implementing those parts of the State Health Plan and the plans of the Health Systems Agencies within the state which relate to the government of the state;
2. preparing and reviewing and revising, as necessary (but at least annually), a preliminary State Health Plan;
3. assisting the Statewide Health Coordinating Council of the state in the performance of its functions generally;
4. serving as the designated planning agency of the state for the purposes of Section 1122 of the Social Security Act when an agreement is approved pursuant to such section, and administering the State Certificate of Need program which applies to new institutional health services proposed to be offered or developed within the state; and
5. making findings as to the need for new institutional health services after consideration of recommendations submitted by the Health Systems Agencies.

Statewide Health Coordinating Council

Members are appointed by the Governor. They are: Herbert S. Arnett, Iowa City; C. F. Barrett, D.D.S., Davenport; Karen Blue, Red Oak; Ardelle Conner, Council Bluffs; Leland M. Couch, Des Moines; Robert M. Dunlop, Orange City; Donald W. Dunn, Des Moines; Robert H. Evans Logan; Gregory J. Figulski, Bettendorf; Gwendolyn W. Fowler, Des Moines; Marilee Fredericks, Ph.D., Des Moines; Vera V. French, M.D., Davenport; Robert G. Gibbs, Des Moines; Ben Grayson, Albia; Helen Henderson, Des Moines; Lynne M. Illes, Des Moines; Thomas N. Kalshoven, Davenport; Linda Kamp, Davenport; William Kunze, Spirit Lake; Edward R. Lynn, Council Bluffs; D.E. McAreavy, D.C., Maquoketa; David S. Neugent, Des Moines; Gage E. Parker, Shenandoah; Herman Rubel, Laurens; Ethan Sproston, Cedar Rapids; Bonnie Tiarks, Council Bluffs; Dale A. Turnmire, Cresco; John E. Tyrrell, M.D., Manchester; E.J. VanNostrand, Creston; Barbara Wadsworth-Lorscheider, Bettendorf.

Division of Community Health

RONALD D. ECKOFF, M.D., M.P.H., Chief

The Division of Community Health promotes and supports adequate and effective public health services at the local level. The Community Relations and Nursing sections assist communities in developing health services by providing technical advice, consultation and financial assistance. The Division also administers the home health service aspect of the Federal Health Insurance Benefits Program. The Emergency Medical Services Section of the Division conducts activities designed to improve the level of emergency medical services available to Iowans.

A Deaf Service Program is striving to improve the availability of services to the deaf. A Renal Disease-Hypertension Section provides financial assistance for medically-related expenses to Iowans with chronic renal diseases, and supports professional and public education programs regarding hypertension. Regional offices are located at Manchester, Mason City, Spencer, Washington, Atlantic and Des Moines.

Council of Advanced Emergency Medical Care

Members are appointed by the State Board of Health. They are: Ernest O. Theilen, M.D., Iowa City; James German, D.O., Des Moines; Don E. Boyle, M.D., Sioux City; Robert G. Hathaway, M.D., Waterloo; Joseph H. Spearing, M.D., Harlan; Jerry Long, EMT-A, Webster City, Jane Hasek, R.N., BSN, Reinbeck; Carol Wagner, R.N., EMT-A, Cedar Rapids; Wayne McCunn, EMT-A, Council Bluffs; Dennis White, EMT-A, Buffalo; Michael Stevens, EMT-A, Oakdale, Ronald D. Eckoff, M.D., M.P.H., Des Moines.

Deaf Services Advisory Committee

Members are appointed by the Governor. They are: Lester Ahls, Cedar Falls; Lloyd W. Courter, Boone; Sharon Hovinga, Council Bluffs; Don Kissel, Des Moines; Joseph Myklebust, Council Bluffs; Melanie H. Ravlerson, Decorah.

Renal Disease Advisory Committee

Members are appointed by the Commissioner of Public Health. They are: C.T. Flynn, M.D., Des Moines; John Davis, Des Moines; Kennedy C. Fawcett, M.D., Ames; Mrs. Margery Fearing, R.N., Iowa City; Mary P. McCarthy, Sioux City; Mrs. Russell (Gloria) Pounds, Ames; Thomas B. Reed, Dubuque; Carl J. Richards, M.D., Iowa City; Mrs. Carrol Roy, Iowa City; John Van Vliet, Pella.

Emergency Medical Service Advisory Council

Members are appointed by the Governor. They are: Ronald D. Eckoff, M.D., M.P.H., Des Moines; Nancy Fryett, R.N., Des Moines; Elizabeth Thompson, R.N., Mason City; Don Wederquist, Des Moines; Albert Cram, M.D., Iowa City; Phil Latessa, Des Moines; Kenneth Barrows, West Des Moines; Don E. Boyle, M.D., Sioux City; Jane Hasek, R.N., Waterloo; Ms. Monnie Jo Honaker, R.N., Council Bluffs; John Collins, M.D., Davenport; Duane Terpenning, West Des Moines; Helen Van Gelder, R.N., Orange City; Phyllis Griggs, R.N., Lake City; Walt Gary, Fairfield.

Division of Personal and Family Health

JOHN E. GOODRICH, D.D.S., M.P.H., Chief

The Division of Personal and Family Health works in several specific areas to provide health care for Iowans. The Maternal and Child Health Section strives to assure comprehensive health services, especially preventive, for women (ages 15-44) and children (under age 21) in the State of Iowa by funding and promoting the development of Child Health Centers and Maternal Health Centers. The Child Health Centers and Maternal Health Centers assure preventive health to children and pregnant women through health education, assessment, counseling, referral to the appropriate health and social providers, and appropriate follow-up. The Dental Health Section works to assure good oral health for Iowa's citizens by promoting community water fluoridation, topical fluoride programs, school dental health education, preventive dentistry and screening and referral services.

A Birth Defects Institute was established in the Iowa State Department of Health by the Sixty-sixth General Assembly. Its purpose is to seek information on the causes and prevention of birth defects and related diseases. It is authorized to conduct research, distribute its findings, educate and train medical practitioners and conduct clinical counseling services. Counseling services are available state-wide. An infant testing program for genetic and metabolic diseases was instituted in 1979.

A Supplemental Food Program (WIC) in 95 counties serves low income women and children who are nutritionally at risk by providing special foods and nutrition education.

A Sudden Infant Death Syndrome Program informs and educates the public about sudden infant death, and provides crisis counseling for parents.

The Iowa Family Planning Program supports services to residents of all 99 counties through contracts with sixteen delegate agencies. Clinics and local physicians provide medical examinations while local agency staff provide educational and supportive health services.

Birth Defects Advisory Committee

Members are appointed by the Commissioner of Public Health. They are: James Hanson, M.D., Iowa City; Dwight Cruikshank, M.D., Iowa City; Mr. Richard Fischer, Des Moines; Ms. Kathleen Kellen, Des Moines; John MacQueen, M.D., Iowa City; Vernon Varner, M.D., J.D., Des Moines; Michael E. Myszewski, Ph.D., Des Moines; Joan K. Stadler, Ph.D., Ames; Ms. Zenobia White, Des Moines; Ms. Brenda Goepfert, Cedar Rapids; Mrs. Virginia VonTalge, Manchester; Mr. Harold Bridges, Muscatine; Mrs. Lois Greiner, Sigourney; Ms. Kay Smith, Sioux City; Merle Treinen, Remsen; Clive Ayers, D.O., Atlantic; Ms. Vasthi O. Christensen, R.N., Council Bluffs; Mary Lyons, M.D., Des Moines; Senator Lucas J. DeKoster, Hull.

Division of Health Facilities

RICK L. MIDDLETON, Chief

The Division of Health Facilities is comprised of several sections and programs administering activities directed at improving specific aspects of institutional health care. These sections employ programs of education, consultation and regulation to improve the safety of the physical plant and improve the quality of health care provided for the patients in the institutions. Where federal construction grant-in-aid or loan assistance was made available, the division assists sponsors and the federal government in processing claims for federal payments, filing progress reports, construction monitoring and assurance commitments.

The Division also provides supporting staff to the following councils:

Hospital Licensing Board

Members are appointed by the Governor and hold office for a four-year term or until their successors are appointed: Dwight G. Reigert, Davenport; Richard G. Schreiber, Ottumwa; Kenneth Hobson, Cherokee; Bernard M. Grahek, Cedar Rapids; and Charles Ingersoll, Des Moines.

Health Facilities Advisory Committee

Members are appointed by the Commissioner. They are: Robert Leber, Des Moines; Lois Hacker, Des Moines; Lynne Illis, Des Moines; Gary Gesaman, Des Moines; Buck Brock, Des Moines; Royce Jones, Fort Dodge; Mrs. Joyce Anderson, Mason City; Harold Trupp, Waterloo; Robert Gibbs, Des Moines; Helen Henderson, Des Moines; Bill Howard, Des Moines; Dr. Joseph Veverka, Prairie City; G. Sharp Lannom, IV, Grinnell; Dr. W.W. Morris, Iowa City; Dennis Howe, Des Moines; Rick L. Middleton, Des Moines; Dana L. Petrowsky, Des Moines; Francis Lackner, Cedar Rapids; Larry Breeding, West Des Moines; Mr. Eldon Huston, West Des Moines; Mr. Wendell Stone, West Des Moines; Ms. Meg Speer, Ames; G.K. Dawley, Eagle Grove; Herb Dean, Des Moines; Gary Soderberg, Iowa City; Carol Arslaner, Urbandale.

Division of Disease Prevention

RUSSELL W. CURRIER, D.V.M., M.P.H., Chief

The Division of Disease Prevention is charged with determining the frequency with which 45 specific infectious diseases occur within Iowa's population and reducing the

risk and costs of these diseases to the public. The division provides advice and assistance to local communities pertaining to the incidence and control of other communicable diseases. It is concerned with achieving the eventual eradication of tuberculosis and with decreasing and controlling venereal diseases in Iowa. It also functions to reduce the incidence of disease acquired from animals through improved recognition and control procedures. Additional activities center on reducing vaccine-preventable diseases through issuance of vaccine to public and private medical clinics, assessment of vaccination levels in Iowa children and conducting emergency clinics for outbreak control. An active disease control program is also provided for all other diseases of public health importance, including hospital acquired infections. These programs involve active monitoring of disease, case investigation, and consultation in diagnosis, treatment, and control. Environmental engineering activities of the division focus on non-municipal water/sewage problems, enforcement of USPHS milk standards, community swimming pool maintenance, publication of state plumbing code and investigation of various environmental problems. Also a program to license and inspect diagnostic radiation equipment was established in 1979.

Boards of Examiners

Appointed by the Governor. The Iowa State Department of Health provides administrative support and a large variety of services to all the boards through the Licensing and Certification Section, a unit within the Office of External Affairs.

Barber Examiners — Patricia E. Cornick, Des Moines; Harold L. Erichsen, Sioux City; Richard E. (Dick) Sisco, Cedar Rapids; Karen Voecks, West Des Moines; Charles Vance, Davenport.

Chiropractic Examiners — Mary Xavier Coens, (Sister), Dubuque; H. Ronald Frogley, D.C., Davenport; M. Lillian Leibhart, Ottumwa; Ronald Masters II, D.C., Mason City; Donald Meylor, Anthon; Milton Schlein, Postville.

Cosmetology Examiners — Barbara Failor, Ankeny; Helen Mefferd, Laurens; Delores Morris, Oelwein; Nancy Welter, Cedar Rapids; Joyce Williams, Oakland.

Dental Examiners — Wayne J. Barnes, D.D.S., Sioux City; Judith Glaskow, Coralville; Hosford, Clarence, D.D.S., Monticello; Lewis James, D.D.S., Des Moines; Robert Moore, D.D.S., Hampton; Daniel Welsh, D.D.S., Emmetsburg; Marcia Lewis, Wiedmeyer, P.H., Bettendorf; Connie Price, Des Moines; Eva R. Forsgren, Spencer.

Hearing Aide Dealers Examiners — Larry D. Baker, Waterloo; Ed (Charles Edmund) Chamberlaine, Clear Lake; Mildred Coughlon, Ft. Dodge; Mary Mills, Muscatine; Clifford Welcher, Greenfield.

Mortuary Science Examiners — Paul Chapman, Clarence; Idamae Fake, Denison; Mrs. Donna P. Gabriel, Clinton; Eugene J. Siegert, Dubuque; Gary Lee Sliefert, Storm Lake.

Nursing Home Administrators Examiners — Blaine L. Donaldson, Storm Lake; Dwight E. Fry, R.Ph., Greenfield; Bernice S. Heath, Council Bluffs; Phyllis J. Peters, Sioux City; Richard F. Rabe, D.D.S., Des Moines; Sidney S. Vander Woude, Coralville; Lester Beachy, M.D., Des Moines; Lois M. Sherman, Cedar Falls.

Optometry Examiners — Ira M. Deal, O.D., Mt. Pleasant; Larry D. DeCook, Newton; Earl Overholser, O.D., Shenandoah; Martha (Terry) Peck, O.D., Ft. Madison; Robert F. Renfro, O.D., Sioux City; Maria Alicia Garcia-May, Des Moines; Bertha J. Kirkwood, Ankeny.

Physical Therapy Examiners — Janet Dunn, L.P.T., Des Moines; Thomas Whetley, Newton; Ms. Deborah L. Green, Cedar Falls; Grace Rasmussen, Manilla; Sandra Cannon, L.P.T., Des Moines; Kristi Livingston, Lorimor.

Podiatry Examiners — Richard N. Lepird, D.P.M., Estherville; Ray J. Samuel, D.P.M., Marshalltown; Wilfred M. Spector, D.P.M., Iowa City; Margaret A. Harden, Perry; Shirley A. Thompson, Keokuk.

Psychology Examiners — Darrel Dierks, Cedar Falls; Kathryn Clark Gerkin, Iowa City; Joan Jacob, Cedar Rapids; John Menne, Ph.D., Cambridge; Herbert Roth, Ph.D., Des Moines; Cecelia Johnson, Des Moines; Joan McKean, Cedar Falls.

Speech Pathology and Audiology Examiners — Kenneth Hawes, Rockford; Frances Langdon, Jefferson; Marvin Pekny, Council Bluffs; Ms. Julia Shirk, Des Moines; Niel Ver Hoef, Des Moines; Donald White, Davenport; John Scherrman, Sioux City.