

Opening of the Conference, Dr. Arthur Dean Bevan, chairman of the council on medical education, Chicago.

"Progress of the Year in Medical Education," Dr. N. P. Colwell, secretary of the Council on Medical Education, Chicago.

"The Problem of Higher Degrees in Medicine," Dr. Horace D. Arnold, dean, Harvard Graduate School of Medicine, Boston.

Symposium: "Economy of Time in Preliminary and Medical Education." Dr. John L. Heffron, president of the Association of American Medical Colleges, Syracuse, N. Y. Hon. P. P. Claxton, United States Commissioner of Education, Washington, D. C. President Harry Pratt Judson, University of Chicago. Discussion by President George E. Vincent, of the University of Minnesota, Minneapolis, and Professor C. H. Judd, University of Chicago.

On Monday afternoon the general topic will be medical licensure. The program follows:

"Practical Examinations by State Licensing Boards," by Dr. Walter P. Bowers, Secretary of the Massachusetts Board of Registration in Medicine, Boston.

"Minnesota Practical Examinations—As They Are and As We Should Like to Have Them," Dr. Annah Hurd, member of the Minnesota State Board of Medical Examiners, Minneapolis.

Discussion opened by Dr. W. J. Means, chairman, Executive Council, Association of American Medical Colleges, Columbus, Ohio.

Report of Examination Held by the National Board of Medical Examiners, Dr. Isadore Dyer, a member of the National Board and Dean of the Tulane University of Louisiana School of Medicine, New Orleans.

Discussion opened by Dr. John M. Baldy, president, Pennsylvania Bureau of Medical Education and Licensure, Philadelphia.

"The Problem of the Medical Cults," Dr. David A. Strickler, president of the Federation of State Medical Boards and secretary of the Colorado State Board of Medical Examiners, Denver.

Discussion opened by Mr. Harry E. Kelly, formerly attorney for the Colorado State Board of Medical Examiners, Chicago.

On Tuesday morning public health topics will be discussed. The program follows:

Opening of the Conference, Dr. Frank Billings, chairman of the Council on Health and Public Instruction, Chicago.

"Public Health Training in Medical Colleges,"

Dr. George E. Vincent, president, University of Minnesota, and president-elect, Rockefeller Foundation.

"What Training Should the Public Health Officer Receive in Medical Colleges," Dr. Hermann E. Biggs, state commissioner of health, New York.

Discussion opened by Dr. Victor C. Vaughan and Dr. S. J. Crumbine.

On Tuesday afternoon there will be a popular discussion of topics relating to medical licensure. The program follows:

"State Regulation of the Practise of Medicine an Educational Problem," Professor Edmund J. James, president, Illinois State University.

"The State Regulation of the Practise of Medicine as an Executive Problem," Honorable James M. Cox, governor of Ohio.

Discussion opened by Dr. C. St. Clair Drake, Dr. W. B. Hinsdale and Dr. William P. Best.

ADDRESSES AND LECTURES

At the thirteenth annual meeting of the Association of American Geographers held in New York, a symposium on "The Geography of the War," was conducted by Professor Douglas Wilson Johnson, of Columbia University, the program being as follows:

INTRODUCTION

"The Geographic Factor in Military Problems," by Douglas W. Johnson.

THE WAR ON LAND

"The Plains of Northern France," by Sumner W. Cushing.

"Rivers and Marshes of the Eastern Front," by Lawrence Martin.

"The Danube Valley and the Balkan Complex," by Ellsworth Huntington.

"The Carpathian Mountains and Transylvanian Alps," by Emmanuel De Martonne.

THE WAR ON WATER

"Geographic Aspects of the War on Water," by J. Paul Goode.

THE WAR IN THE AIR

"Geographic Aspects of the War in the Air," by R. DeC. Ward.

ECONOMIC EFFECT OF THE WAR

"Economic Geography of the War," by J. Russell Smith.

Dr. S. W. Williston, of the University of Chicago, gave a lecture on "The Earliest

Known Air-breathing Vertebrates" under the auspices of the Science Club of the University of Wisconsin on December 16, 1916. Among future lecturers are the following:

Dr. E. C. Rosenow, of the Mayo Foundation, on "The Etiology of Epidemic Poliomyelitis," on January 12, 1917.

Professor Robert DeC. Ward, of Harvard University, on "The Weather and the War," on January 19, 1917.

Dr. Frederic S. Lee, of Columbia University, on a subject yet to be announced, on February 12, 1917.

Professor G. A. Miller, of the University of Illinois, on "The Function of Mathematics in Scientific Research."

Professor C. S. Slichter, of the University of Wisconsin, on "Science at the University of Alexandria."

A COURSE of six lectures on psychopathology is being given by Dr. E. E. Southard, professor of neuropathology in the Harvard Medical School, before the department of psychology, Columbia University. The lectures given at four o'clock, in Schermerhorn Hall, are:

Tuesday, January 2, "Neuropathology and Psychopathology."

Wednesday, January 3, "The Brains of the Feeble-Minded."

Wednesday, January 31, "Frontal Lobe Functions."

Thursday, February 1, "The Analysis of Delusions."

Thursday, February 8, "The Unconscious."

Friday, February 9, "Psychopathia."

THE following program of lectures is offered for this season by the Ottawa Field Naturalists Club:

December 16, "A Journey through Space," by Dr. J. S. Plaskett, Dominion Observatory, Ottawa.

January 9, "Are Our Forests Vanishing—What Are We Doing to Perpetuate Them?" by Mr. R. N. Campbell, director of forestry, Ottawa.

January 23, "Our Winter Birds," by Dr. N. Y. Williams, Geological Survey, Ottawa.

February 6, "The Animals of Arctic Canada," by Dr. R. M. Anderson, lately in charge of southern scientific party of Canadian Arctic Expedition.

February 20, "Fishes and the Fishing Industry," by Mr. Andrew Halkett, naturalist, Naval Department, Ottawa.

March 6, "The Conservation of Wild Life in Canada," by Dr. C. Gordon Hewitt, Dominion Entomologist, Ottawa.

March 20. Annual meeting. Presidential address: "Recent Archeological Work in Canada," by Mr. Harlan I. Smith, Geological Survey, Ottawa.

A SCHOOL OF FISHERIES AT THE UNIVERSITY OF WASHINGTON

A SCHOOL of fisheries will be established at the University of Washington within the next two years, if the appropriation bill for the university is passed as it now stands. The need for scientific study of fishing problems is already felt to so great an extent that Professors Kincaid and E. Victor Smith, of the biology department, are devoting much time to the scientific phases of the industry. Professor Kincaid is investigating and fostering the oyster industry on the Pacific coast and Professor Smith is studying salmon and salmon hatcheries, particularly.

The passage of the required appropriation by the legislature will make possible the addition of an expert authority on fishing and fisheries, the addition of laboratory equipment, the enlargement of the scope of the university and the addition of increased laboratory space to handle problems that arise through study.

The university, in connection with the Seattle Port Commission, has invited the *Albatross*, the official ship maintained by the United States Bureau of Fisheries for the scientific investigation of the fishing industry, to winter in the fresh waters of Lake Union, which wash one edge of the campus. Plans are being considered that may make the *Albatross* available for students and instructors. The ship works with a crew of seventy men and three experts and centers its activity in the North Pacific Ocean. At present it is investigating tuna fishing off the coast of southern California. If the *Albatross* is made available for students and professors, particularly those interested directly in the fishing industry, it will serve as a practical laboratory wherein can be solved the problems that are confronting the industry along the Pacific seaboard.