

records in that regard; namely, Denmark, England, the Netherlands and Belgium. According to Roesle, not only the general mortality rate but also the infant and the tuberculosis mortality rates have thus taken a very different course, during recent years, in Germany than was prophesied in many quarters.

### FALL EXCURSION OF THE NEW ENGLAND INTERCOLLEGIATE GEOLOGISTS

THE twenty-second annual excursion of the New England Intercollegiate Geologists was held in the vicinity of New Haven, October 8 and 9. Dr. C. R. Longwell, of Yale University, made the arrangements for the excursion. Friday afternoon points of interest about New Haven were visited. The intrusive dikes and sheets at West Rock, Pine Rock and East Rock were of special interest because of the classic studies made by Professor J. D. Dana. They also served to stimulate a discussion of the advance of geologic thought since the death of Professor Dana.

On Saturday the group studied the Anterior Trap sheet north of East Haven, the major fault between the Triassic basin and the rocks of the Eastern Highland of Connecticut south of Beacon Hill, the replacement of the Middletown series by granite near Haycock Point, the geology of the new reservoir of the New Haven Water Company near North Branford, the "fanglomerates" at the base of Quonnipaug Mountain in North Guilford and an explosive volcanic vent south of Durham. The day's work centered about the question concerning the method of formation of the Triassic depression. It was generally agreed that the theory illustrated by Barrell's diagrams was correct.

The attendance was record breaking. The institutions represented were Brown (8), Choate School (1), Clark University (4), Columbia University (1), Colby (2), Hartford High School (3), Harvard (8), Mount Holyoke (4), Norwalk High School (1), Rhode Island Teachers College (2), Smith College (4), Trinity College (3), Tufts (1), University of Vermont (1), Wesleyan (4), Williams (1), Yale (23). The total attendance was therefore seventy-one, over twenty more than were ever present before.

WILBUR G. FOYE,  
*Secretary*

### APPOINTMENTS AT STANFORD UNIVERSITY

STANFORD UNIVERSITY, following out its plan of development, has made a number of new appointments to its faculty this year.

Dr. Arthur L. Bloomfield, an authority on diseases of the throat and respiratory tract, has gone from the Johns Hopkins University to become head of the department of medicine in the Stanford Medical School, succeeding the late Dr. A. W. Hewlett. In the

Medical School, also, Dr. Emile Holman has become head of the department of surgery as successor to Dr. Stanley Stillman, who has retired. Dr. Philip E. Smith, for fourteen years connected with the department of anatomy at the University of California, has become associate professor in the same department at Stanford. Dr. Frederick Leet Reichert is taking the place of Dr. Edward B. Towne as associate professor of surgery at the Stanford Hospital.

The new head of the department of mechanical engineering, Arthur B. Domonoske, formerly of the University of California, has taken up his duties, succeeding Professor Everett Parker Lesley, who is devoting all his time to his work as one of the division heads in the newly instituted Daniel Guggenheim Laboratory of Aeronautics. Similarly, in the absence of Professor Eliot Blackwelder, of the department of geology, Dr. Paul MacClintock, of the department of geology at the University of Chicago and dean in the college of arts, literature and science there, is at Stanford during the present quarter.

With the addition this year of Dr. James W. McBain to the faculty of the department of chemistry one of the most important laboratories for research in the field of colloid chemistry will be established. Dr. McBain, now Leverhulme professor of physical science at Bristol, holding a chair endowed for him individually by Lord Leverhulme, a distinguished leader in his specialty of colloids, will take up his work in January, being on leave for the first quarter of this year. With him will come also his two chief aids at Bristol, Dr. Mary Evelyn Laing, as research associate, and Miss Mabel Harriett Norris, research assistant. They will join the Stanford faculty, enabling Dr. McBain to continue without interruption the investigations on which he has been engaged and to proceed with new work.

### SCIENTIFIC NOTES AND NEWS

THE Nobel prize for medicine has been awarded to Professor Johannes Fibiger, of the University of Copenhagen, for his work on cancer.

DR. W. D. COOLIDGE, assistant director of the General Electric Company's research laboratory at Schenectady, N. Y., gave, at the Franklin Institute on October 19, the first public demonstration of his new cathode ray tube, a preliminary account of which was given in *SCIENCE* for November 13, 1925. At the same time the institute presented Dr. Coolidge with their Howard N. Potts gold medal, given for "distinguished work in science or the arts."

THE Perkin medal for 1927 has been awarded to Dr. John Teeple, treasurer of the American Chemical Society, for "significant scientific, technical and ad-