

CARL L. SCHRADER

Normal School. He served as president of the American Physical Education Association for three years and for about nine years has been the state director of health and physical education for Massachusetts. Mr. Schrader recognizes that the directors and supervisors of physical education must be the parties finally responsible for plans of organization and administration and so must be qualified in the matter of fundamental principles in connection with the pedagogy of physical education, in the ability to weigh the changing knowledge and in the evaluation of specific abilities and functions of staff members. The course will include also a thorough consideration of the relationship of the supervisors with principals, superintendents and school committees and will work out through the demonstration class the activities adapted to the various grades in the public school system. To know what to teach, how to teach it and why it is taught, will be the purpose of the course so far as physical activities are concerned. This course may be taken for graduate credit.

Anatomy offered by Professor Erastus W. Pennock for 1931 will be structural and consist of lectures and demonstrations on joints, muscles, nerves, circulatory, respiratory and digestive systems. This is used as a basis for the functional anatomy which comes on alternate years.

Mr. Pennock will also offer a course in first aid beginning July 15, calculated to qualify the students for efficient service in connection with minor accidents.

Clinical practice and laboratory work will be used throughout as well as demonstration of the uses of whirl baths, radiant heat, electric cabinets, showers and douches, ultra-violet exposure and manipulations of massage. This will follow and supplement Dr. Forrest C. Allen's course on treatment of athletic injuries.

Personal hygiene will be offered by Professor Harry R. Clark who is the regular instructor in this course and will cover the essential details in connection with the human body, together with the proper care of the various bodily organs and functions and right relation to the environment. This course will include a wide range of collateral reading calculated to give those enrolled a good all-round idea of individual hygiene.

Under Professor Stacy B. Betzler the course in corrective gymnastics will relate primarily to the fundamental mechanical and physiological errors in human makeup including posture and will deal with the specific muscles related to same. Consideration and demonstration will be offered relative to methods in particular as applied to public school and class groups.

The course in physiology offered by Dr. Peter V. Karpovich during the summer will cover the blood and circulation, respiration, digestion, metabolism, excretion, glands of internal secretion and the physiology of reproduction. A good deal of time will be spent in the laboratory in experimentation and demonstration in connection with these various phases of the subject.

The problem of selecting, arranging and presenting physical activities suitable to different situations and to pupils of different ages or grades has been thoroughly studied by Mr. Schrader. The results of his work will be presented in the course known as Physical Education Activities for Public Schools, which will be offered for one hour per day, June 30 to July 15.

Following the course by Mr. Schrader offered the first half of the summer session will be one by Mr. Lawrence T. Ludwig of the University of Virginia during the second half, which will consider the fundamental principles in the selection and arrangement of exercises adapted to students of the high school and college ages. Those enrolled will be asked on the basis of these principles to consider sets of exercises and to demonstrate. Certain fundamental drills or series of exercises will be practiced in order that

students may be equipped to actually conduct same on the gymnasium floor. This will include free-hand work, dancing, Indian clubs, wands, dumb-bells, etc.

Mr. Ludwig will also offer a course for men in heavy apparatus. This will deal with methods of progression from simple to more difficult exercises, will demonstrate pedagogical methods and give practice on such pieces as mats, parallel bars, low and high horizontal bars, side and long horse, rings, etc. This will come for one hour per day throughout the entire session.

THE GRADUATE SCHOOL IN PHYSICAL EDUCATION

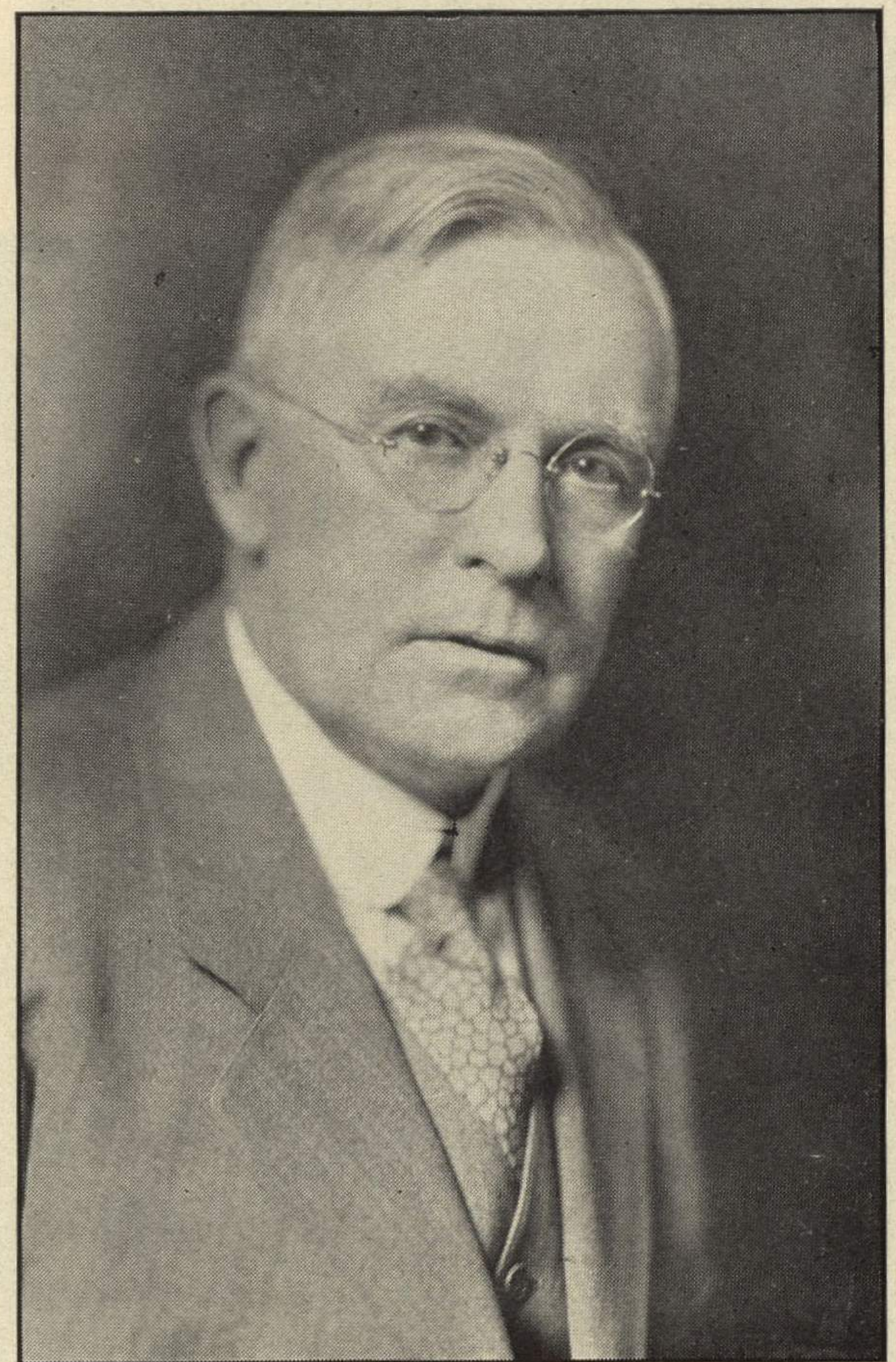
JAMES H. McCURDY, M.D., *Director*

The summer enrollment in the Graduate Courses has increased during the last three years from thirty in 1928 and forty-four in 1929 to fifty-four in 1930.

The purposes of the course are:

1. To furnish courses leading to the Master of Education degree.
2. To give opportunity to qualified men for advanced study on problems of special personal interest.
3. To stimulate study and growth during the regular year through special courses and suggested readings.

The faculty is made up of specialists who have helped students get the larger view of physical education.



DR. JAMES H. McCURDY