



Carnegie Institute . . . Forbes Street at Schenley Park . . . Home of the Academy

The Academy of Science and Art of Pittsburgh, Pennsylvania

"An Organization Devoted to the Advancement of Science and Art"



*Presents the 1934-1935
Lecture Series to be held in*

LECTURE HALL CARNEGIE INSTITUTE

Forty-fifth Year

Lectures Begin Promptly at 8:15 P. M.
You are urged to come early.

*"There is higher use for art and science than merely the arts; nothing less than
the creation of man and nature is its end." - -*

Emerson.

Harry C. Ostrander

Thursday, Nov. 1.

"SWITZERLAND AND THE ITALIAN LAKES"*

One of the world's most inveterate "globe trotters," Mr. Ostrander has the happy faculty of gathering unusual information about familiar corners of the earth. For more than a quarter century has he been exploring the far corners of the world. Unlike the ordinary explorer, Mr. Ostrander, when he studies a country, lives with the natives, adjusts himself to their customs, habits and mannerisms so he might better understand them and interpret their characteristics. The fact that he has been brought to Pittsburgh time and again vouches for his ability to entertain, amuse and teach.

Dr. William Beebe

Thursday, Nov. 8.

"UNDER SEA PICTURES"*

Director of the Tropical Research of the New York Zoological Society, Dr. Beebe has traveled to the remote corners of the earth, and miles below the seas in his study of the habits of birds, animals, insects and fish. One somehow does not picture this giant of science as quite the eager, colorful personality as exemplified in his lectures and books. A sensitiveness to beauty, a delicacy and grace of expression and a quality of rare and happy vitality of extraordinary pleasure in the work he is doing, set his writings and lectures apart in a field of their own. It was in 1930 that Dr. Beebe startled the world by his two-mile descent in a huge steel ball or bathysphere to study the marine life below the sparkling waters off Bermuda . . . and his findings were even more astounding than was the spectacle of his descent . . . all of which he will tell about on November 8.

Capt. Kilroy Harris

Thursday, Nov. 15.

"THE AUSTRALIAN ABORIGINALS"*

The Vanishing Aborigine of Australia, His Habitat, Pastimes and Taboos, will be described by Capt. Harris, Fellow of the Royal Geographical Society, winner of the D. S. O. and three military medals and author of "Outback in Australia." It is hard to visualize any living human who knows more about the Australian Aborigine and Bushman than Capt. Harris, who has spent many years exploring the hinterlands of Australia. His collection of pictures is amazing and his ability to tell, in an interesting manner of his experiences is unquestioned. His lecture should be one of the most interesting of this year's series.

Dr. Owen Rowe O'Neil

Thursday, Nov. 22.

"ADVENTURES IN SWAZILAND"

Little is known of the Swazis and that part of Africa known as Swaziland because few white men have dared the dangers of exploring the interior . . . but Dr. Owen Rowe O'Neil tells a story of adventures in Swaziland that for imaginative quality and vivid powers rivals anything out of the Arabian Nights. The son of "Slick Dick" O'Neil, former finance minister in the cabinet of the late Oom Paul Kruger . . . Owen O'Neil grew up in the heart of South Africa. He grew up in close proximity to the savage Swazis who under the leadership of old King Buno were a constant menace to the Boer Village. At each new moon, Owen in company with his uncle brought to King Buno a tribute of 2,000 pounds or its equivalent in gin in order to assure peace . . . his story of cruelty and brutality of this savage emperor . . . the weird rites and ceremonies are high lights of his thrilling and fascinating lecture.

Robert Edison Fulton, Jr.

Thursday, Dec. 6.

"AROUND THE WORLD ON A MOTORCYCLE"*

Youthful, impetuous Robert Edison Fulton, Jr., son of a prominent business man . . . a graduate of Harvard . . . upon completion of advanced studies in Vienna wanted a new experience . . . a new thrill before he settled down to his chosen field of architecture. He got it . . . by going "Round the World on a Motorcycle" . . . sans baggage, sans food . . . with only a tooth brush and two movie cameras this enthusiastic youth set out. Through the medium of motion pictures, colorful slides and sparkling live words you can accompany young Fulton on his trip . . . by virtue of this lecture.

The Academy of Science

MORE than forty-four years ago . . . on March 10, 1890 . . . a group of Pittsburgh's civic minded citizens formed the Academy of Science and Art of Pittsburgh. There were forty charter members, including such individuals as Dr. W. J. Holland, who was then Chancellor Western University of Pennsylvania . . . Dr. John A. Brashear . . . Andrew Carnegie . . . Hon. John D. Shafer, George H. Clapp, W. Lucien Scaife and others.

The suggestion for the formation of the Academy came from Mr. Carnegie in his discussions relative to the founding and building of a Library in Pittsburgh with provisions for a museum, art department, music hall and lecture halls for the use of educational groups.

Started Museum Collection

In the early years of its existence the Academy gathered together a large collection of objects suitable for exhibition in the museum. Prof. Gustave Guttenberg, a teacher in the Pittsburgh high schools was named first Curator of the Academy, he had at that time an excellent collection of minerals and plants. Had it not been for his untimely death, Prof. Guttenberg would have been retained as the first Director of Carnegie Museum after its opening on January 2, 1896.

The academy transferred its entire collection to Carnegie Museum . . . and many of the specimens are still on exhibition. The contribution of the Academy to the Museum is still recorded as one of the largest contributions of objects made by any group or individual with the exception of the grants of Mr. Carnegie.

From the days of its organization . . . The Academy of Science and Art of Pittsburgh has continued without interruption. The membership has grown to approximately 700 and each year the Academy has offered a lecture series to its members and the public that has brought to Pittsburgh many of the world's most famous scientists and lecturers.

When Andrew Carnegie built the Institute and its various departments, he spec-

Life Members

R. D. Campbell
Miss E. Mc. Chalfant
B. G. Follansbee
Mrs. Pitt O. Heasley
Isaac E. Hirsch
Martha A. Jamison

A. W. Mellon
W. L. Mellon
L. A. Meyran
Miss Margare
F. E. Peabody
J. H. Lockhar
E. W. Gwinne

Honorary

Dr. E. R. Weidlein, A. B., A. M., Sc.D.

Science and Art of Pittsburgh

ified that The Academy of Science and Art of Pittsburgh should have the use of the lecture hall, just so long as they would provide lectures on scientific subjects. The agreement has been faithfully adhered to and the Academy is now presenting its forty-fifth series of lectures.

There are two classes of active membership in the Academy, both of which are sustaining, one calling for the annual payment of \$5 and the other a life membership with a payment of \$100. Honorary memberships are awarded to individuals who have made notable achievement in some field of scientific endeavor in line with the aims and purposes of the Academy.

Dr. Scaife Lectureship

Several years ago, Dr. Walter B. Scaife, brother of one of the charter members, became interested in the efforts of the Academy and volunteered to sponsor two lectures each season on the Beauties of Nature. His offer was accepted and so successful were the lectures that in 1932 he decided to perpetuate his interest by establishing a trust fund of ten thousand dollars for a Nature Lectureship. Each year the income from this fund is used as directed.

At present there are two Sections in the Academy, The Photographic Section and Astronomical Section. The officers and councillors of the Academy stand ready to create additional sections whenever the interest of a group manifests itself, provided the group has a kindred place in the program of the Academy.

Application for membership is open to anyone interested in the aims and purposes of the Academy. The Academy of Science and Art of Pittsburgh is most unusual, being a non-profit association . . . whose sole purpose is dedicated to "The Advancement of Science and Art in the Pittsburgh District." It is deserving of the whole-hearted support of those individuals who are interested in a finer appreciation of the arts and sciences.

Members

lon	Mrs. Charles Taylor
lon	J. C. Thaw
can	Mrs. Wm. R. Thompson
aret L. Nelson	Mrs. Francis J. Torrance
ody	Leonard H. Wheeler
hart	Henry Wittmer
nnner	

orary Members

Samuel M. Kintner, B. M. E.

1934-1935 LECTURE SERIES

Prof. George C. Blakslee

Thursday, Dec. 13.

"LATEST NEWS OF THE STARS"*

It would only be natural to expect that such an eminent authority as George C. Blakslee, staff photographer of the famous Yerkes Observatory of the University of Chicago would have a collection of photographs and a fund of information on the solar regions that are interesting and valuable. There is a growing interest in the study of the Heavens . . . the subject is always one of fascinating appeal. His lectures are up to date, but not technical and given with a wealth of anecdotes and the ease of a ready speaker.

Maj. Jas. C. Sawders

Thursday, January 3.

"THROUGH THE LENGTH OF CHILE"*

Major Sawders is no stranger to Pittsburgh . . . nor is his ability as a fascinating lecturer on lands to the south of us an unknown quantity . . . for he is a graduate of Carnegie Institute of Technology and has frequently appeared on the local lecture platforms. He is an intrepid traveler . . . a marvelous photographer and an able speaker. "Through the Length of Chile" is one of his latest lectures.

Branson De Cou

Thursday, Jan. 10.

"IMPERIAL PEIPING AND MANCHUKUO"

There is a certain informality in the manner which Branson De Cou delivers his lectures and shows his "dream pictures" that seems as though Neighbor De Cou dropped into your living room with a huge portfolio under his arm, and showed a pictorial record of his most recent travels, in a simple friendly way, chatting amiably about them. His lecture on the Manchukuo situation is exceedingly timely, in view of the present world-wide interest in far eastern affairs.

William L. Finley, Sc.D.

Thursday, Jan. 31.

"BIRDS, BERGS AND KODIAK BEARS"*

Sponsored by Dr. Walter Scaife

For the past twenty-five years Mr. and Mrs. Finley have hunted with cameras and notebooks packing through the wilder parts of the world. On his expedition collecting material for this lecture he was accompanied by Arthur N. Pack, President of the American Nature Association, who has proclaimed these pictures as the finest he had ever seen. In the films you will see great Kodiak Bears charging the camera-man . . . forty-ton whales leaping into the air, gigantic ice pinnacles toppling from glaciers into the sea . . . and you will hear "Bill" Finley in his inimitable manner with his whimsical humor tell of his experiences. This lecture should be one of the most popular of the entire series.

Dr. Arthur C. Pillsbury

Thursday, Feb. 7.

"MIRACLES IN NATURE"*

Sponsored by Dr. Walter Scaife Lectureship

The Academy has never offered a more brilliant speaker than Dr. Pillsbury, and despite his frequent appearances in Pittsburgh he has never failed to leave his audience with a feeling of contentment that accompanies the attendance to a lecture that was interesting and worthwhile. He is a naturalist . . . a scientist . . . an explorer . . . an author and a lecturer of most unusual ability and his knowledge of nature subjects is virtualy without limit. His ingenious cameras reflect results of growth of days or weeks in just a few seconds, so sensitive are his cameras that he can picture an eclipse or the growth of a bacterium under the toe of a fly.