

Ruark Commends Intellectual Spirit Shown At Carolina

New Physics Dean Is Impressed by Quiet and Independence of Chapel Hill.

"One reason for my coming to this University," said Dr. Arthur E. Ruark, new head of the University physics department, "is the presence here of such an eager intellectual spirit. I am glad to be among a group of scholars who are free from the cares and distractions of metropolitan life."

Lecturing here last spring, Dr. Ruark was most favorably impressed by the way in which things are done here. He likes the quiet, almost aloof existence in Chapel Hill, and the interdependence of town and University.

Dr. Ruark's career to date has been an interesting one, even to those not interested in physics. He was born in Washington, D. C., of English, Scotch and Scotch-Irish ancestry. He did both his undergraduate and graduate work at Johns Hopkins University in Baltimore, Maryland, where he got his Ph.D. degree in 1924. He started out in civil engineering in college, but switched to physics while still an undergraduate.

He was a member of the atomic structure section of the U. S. Bureau of Standards in Washington, D. C., 1921-1926. He was appointed assistant professor of physics in the Sheffield Scientific school of Yale University in 1926.

In 1927 he married Miss Sarah Grace Hazen, a graduate of St. Lawrence University, Canton, N. Y., and a member of Pi Beta Phi and Phi Beta Kappa. Previous to their marriage, she had been engaged in research on the measurement of radio wave lengths at the U. S. Bureau of Standards, where Dr. Ruark had formerly worked. They have two little girls, Peggy Ann and Helen Louise.

Earlier in the year, in view of his approaching marriage, he went into commercial work to get more money, as he had found teaching more interesting than lucrative. He became located at the Mellon Institute of Industrial research in Pittsburgh, Pa., doing research on oil production for the Gulf Oil corporation. Later, the group of men doing research for this company was organized into the Gulf Research laboratory, working on problems of the flow of fluids, methods of increasing production of oil wells, and geophysical methods for finding oil deposits.

In 1930, he was appointed professor of physics in the University of Pittsburgh, where he taught graduate classes and did research on radio activity and the structure of the atomic nucleus and cosmic rays. From Pittsburgh he came to Carolina this fall.

Among Dr. Ruark's writings

are two significant books. With Harold C. Urey, professor of chemistry at Columbia University and discoverer of "heavy hydrogen," he wrote "Atoms, Molecules, and Quanta." Another of his books worthy of note is "Modern Atomic Physics," in the writing of which he was assisted by six colleagues on the University of Pittsburgh staff.

He is a member of the board of editors of the following periodicals: "Physical Review," "Review of Scientific Instruments," and "Philosophy of Science."

Net Team Works For Turkey Day Battle

(Continued from page three) ent top-ranking player, was also a former winner, taking the tourney in 1931.

The next competition scheduled is a varsity-freshman match which will immediately follow the school tournament. This meet will be watched with interest as the frosh squad looks powerful and capable of extending the varsity to its limit. This contest will probably occur a few days before the tennis team departs for Virginia to engage the Cavaliers in the annual Thanksgiving meet.

New Economics Instructor

F. S. Wilder is a new instructor in the commerce school. He has a teaching fellowship in economics.

After obtaining his M.A. here at the University of North Carolina, Wilder spent five years as headmaster of the Mission high school at Ahmednagan, India, about 169 miles east of Bombay.

All Entrants In Annual Cake Race Must Be Made Today

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race. From now until the race each new entrant has six days to get in his six work-outs. These workouts are very important, as shown in the past when every winner and nearly all top placers have been those who took the required practices and more.

To date only 78 men have signed up. A good number more are expected to check in today to make the total rise to more than a hundred. All fraternity and dormitory athletic managers are warned to get their teams out to work today.

Last year Gammon, Allen, and Gardiner tied up for first honors, coming in holding hands. These three have developed into

the three outstanding soph prospects for this year's track team and look great in the middle and longer distances.

Prizes of all kinds will be awarded the ranking finishers. Last year the first fifty received awards. To date the total list of prizes has not been completed. Cakes form the major part of the prize list, going to the individual and team winners.

Intramural points will be divided as follows: teams represented by the first 15 men to finish shall receive points as follows: first, 15 points; second, 14 . . . fifteenth, one. Team (composed of four men) winner shall receive 25 points; second, 20; third, 15; fourth, 10; fifth, 5. Teams having most entrants shall receive points as in the preceding rule. No team, however, shall be able to receive more than a total of 150 points.

Freshmen interested in boxing or in trying out for positions as managers of boxing are re-

quested to meet with Jim Lothian in the Tin Can today at 4:00 o'clock.

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