

# SCIENCE

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## INVESTIGATIONS OF THE CARNEGIE INSTITUTION<sup>1</sup>

THE past fiscal year has been, on the whole, the most fruitful year on record for the ten specially organized departments of research in the institution. Although some of these are not yet fully equipped, they are all so well organized and provided for that their energies may now be chiefly directed to the attainment of definite results.

A development of much interest in connection with these departments is that of cooperative effort coming through research associates and collaborators. The departmental facilities are already in considerable demand from capable investigators, and many of them are found desirous of using these facilities, not only to forward their own researches, but to collaborate in the researches proper of the departments. The favorable experience which has accrued in recent years in these matters indicates that it may be advantageous in the future to seek to secure an additional number of investigators who, by reason of their eminence, may collaborate effectively in this manner.

Each of these departments has now under way such a variety and complexity of work that it is difficult to summarize. Reference must be made, therefore, for matters of detail, to the reports of the directors of the departments, published in full in the current year book. Hence such allusions in the following paragraphs as are made to the progress of the year are necessarily brief and can deal only with the more salient

<sup>1</sup>From the Report of the President, Dr. R. S. Woodward, for the year 1911.