

**ESSAYS ON THE INTERNAL
SECRETIONS, 1920: COMPRISING
THE WINNING CONTRIBUTIONS,
WITH SOME OTHERS, TO THE FIRST
HARROWER PRIZE ESSAY CONTEST**

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Essays on the Internal Secretions, 1920: Comprising the Winning Contributions, with Some Others, to the First Harrower Prize Essay Contest by Henry R. Harrower

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HENRY R. HARROWER

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Essays on the
Internal Secretions
1920

Comprising the Winning Contributions,
with Some Others, to the First
"Harrower Prize Essay Contest."

Edited by
HENRY R. HARROWER, M. D., F. R. S. M. (Lond.)

1921
THE HARROWER LABORATORY
Glendale, California
F. S.

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ESSAYS ON THE INTERNAL SECRETIONS—1920

I

INTRODUCTION

FOR MANY YEARS the writer has been especially interested in developing information pertaining to the internal secretions, and in many ways has attempted to further the interest of the profession in the subject. The establishment of the Association for the Study of the Internal Secretions in 1916 was the result of his invitations to numerous correspondents to band themselves together in order to exchange views and make possible a bulletin reflecting the progress in this field.

While The Harrower Laboratory is a commercial institution, concerned with the production and sale of certain endocrine remedies, its work is by no means limited to this. In fact, the manufacture of these formulas was undertaken in order that funds would be available for research and other work necessary to materialize the writer's ideals.

Among several efforts to broaden the interest and information on the practical aspects of the internal secretions is a Prize Essay Contest which was announced early in 1920. Five hundred dollars was offered to members of the medical profession (and medical students) for a series of essays on the internal secretions. This money was divided into five prizes

as follows: First, \$250.00; second, \$100.00; third, \$75.00; fourth, \$50.00, and fifth, \$25.00. Quite a number of competing essays were received from several different countries, and the best of them will be found in this volume.

Naturally, it was not the intent of this contest to find a means of disposing of \$500.00 amongst five essayists, but rather to gather together a number of efforts from different sources in order that they might be made available for the clientele of The Harrower Laboratory and such physicians as might care to avail themselves of this opportunity to get some additional suggestions in this special line of study.

It must be understood that each subject is considered from an entirely different viewpoint, because each essay is prepared by a different person, whose interests, medical environment and literary facilities differ very materially. In some instances there may be a slight redundancy because it happens that several writers may be discussing the same subject and necessarily must repeat certain fundamentals that would be found in another paper on the same subject. This repetition, to my mind, is an advantage, because in this way the fundamentals are reiterated and the impression that they may make becomes the more lasting.

It has been decided to extend another invitation to physicians, both here and abroad, to contribute essays in another similar contest for which the same amount—\$500.00—divided in the same manner, will be offered in 1921. The rules of this contest will be identical with this year and printed instructions and an individual contest number will be sent to any interested physician on request prior to June 30, 1921. It is planned to close the contest at the end of September and to announce the prize winners before the end of the year.

It may be that some reader to whose attention this collection of essays may come has some criticism or comment to make, and it is requested that if this occurs copies of the letters directed to the essayists be sent to the undersigned in order that he may benefit from such correspondence.

In closing I desire to express appreciation to those who have interested themselves in this contest, and especially to Dr. Edwin B. Tuteur, of Chicago, who very kindly assisted me in determining the disposition of the prize money.

HENRY R. HARROWER.

*The Harrower Laboratory,
Glendale, California,
February, Nineteen Twenty-one.*