

Edward Lawrie Tatum Encyclopedia Article

Edward Lawrie Tatum

The following sections of this BookRags Literature Study Guide is offprint from Gale's For Students Series: Presenting Analysis, Context, and Criticism on Commonly Studied Works: Introduction, Author Biography, Plot Summary, Characters, Themes, Style, Historical Context, Critical Overview, Criticism and Critical Essays, Media Adaptations, Topics for Further Study, Compare & Contrast, What Do I Read Next?, For Further Study, and Sources.

(c)1998-2002; (c)2002 by Gale. Gale is an imprint of The Gale Group, Inc., a division of Thomson Learning, Inc. Gale and Design and Thomson Learning are trademarks used herein under license.

The following sections, if they exist, are offprint from Beacham's Encyclopedia of Popular Fiction: "Social Concerns", "Thematic Overview", "Techniques", "Literary Precedents", "Key Questions", "Related Titles", "Adaptations", "Related Web Sites". (c)1994-2005, by Walton Beacham.

The following sections, if they exist, are offprint from Beacham's Guide to Literature for Young Adults: "About the Author", "Overview", "Setting", "Literary Qualities", "Social Sensitivity", "Topics for Discussion", "Ideas for Reports and Papers". (c)1994-2005, by Walton Beacham.

All other sections in this Literature Study Guide are owned and copyrighted by BookRags, Inc.



Contents

[Edward Lawrie Tatum Encyclopedia Article.....1](#)
[Contents.....2](#)
[Edward Lawrie Tatum.....3](#)



Edward Lawrie Tatum

1909-1975

American geneticist who shared the Nobel Prize for Physiology or Medicine in 1958 with George Beadle and Joshua Lederberg for their work showing genetic transmission in bread molds. Using normal and mutated chromosomes, they demonstrated that specific genes are responsible for particular enzymes. This "one-gene-one-enzyme hypothesis" helped confirm his suspicion that all biochemical processes are genetically regulated. Because of this and other contributions to the field, Tatum is considered a founder of molecular genetics.