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## **BRYAN GEMMA**

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*A History of Chemistry* Forgotten Books  
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of Chemistry The author acknowledges  
with pleasure the valuable aid his  
colleagues have generously given him in  
the preparation of this book. Professor  
Wm. H. Brewer, who has for many years  
given instruction in the laboratory to  
beginners, has made many suggestions  
about experiments and methods of  
teaching. Professor Charles S. Hastings  
has supplied the part on Physics of  
Chemistry and Spectral Analysis, and  
given assistance on portions of the  
proof. Professor R. H. Chittenden read  
most of the manuscript and made many  
suggestions. Professor H. L. Wells read  
the part on iron and steel. About the  
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**An Elementary Text-Book of  
Chemistry (Classic Reprint)** Oxford  
University Press

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**A Fourteen Weeks Course in Chemistry (Classic Reprint)** W. W. Norton & Company  
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**A History of Chemistry** Forgotten Books

Professor Leicester traces the development of chemistry through the thoughts and ideas of practitioners and theorists, from Aristotle and Plato to Curie and 20th-century nuclear scientists. Throughout, the relationship of chemical advances to a broader world history is recognized and stressed. 15 figures. Name and subject indexes. 1956 edition.

### **Ideal Chemistry (Classic Reprint)**

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Excerpt from A History of Chemical Theory From the Age of Lavoisier to the Present Time Sprung from exact observation of the phenomena of combustion, this theory was able to embrace all important facts known at that epoch. It had within itself both exactness and scope; it has become a system. After fifteen years of strife, its triumph was complete, and it remained unquestioned for more than half a century the master found great disciples to consolidate and develop his work. Nevertheless, a part of the science remained beyond the reach of their efforts, and of the system, which was more especially applicable to inorganic compounds. Organic chemistry was at that time limited to the qualitative description of principles extracted from products of vegetable and animal origin. The genius of discovery had indeed amassed a quantity of precious materials but the science, which was to co-ordinate them, was not yet born. The very elements of this co-ordination were still wanting, and could be furnished only by the study of the metamorphoses of organic compounds. To discover the atomic constitution of organic compounds, and thereby to explain their properties, and establish their relations, is the object of Organic Chemistry; and this object is attained by determining the nature and number of the constituent atoms of organic compounds, and by studying their modes of formation and transformation. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at [www.forgottenbooks.com](http://www.forgottenbooks.com) This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally

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Practical Test-Book of Chemistry (Classic Reprint) Wentworth Press

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Excerpt from A Short History of Chemistry Part second - the alchemists. The arabians. Science in the East. - Science in Spain. - Progress made by the Arabians. Geber. - His Writings. - Nature of his Work - Views as to Sulphur and Arsenic. - Views as to Transmutation. - Apparatus. About the Publisher  
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A History of Chemical Theories and Laws (Classic Reprint) Forgotten Books

Excerpt from A Text-Book of Inorganic Chemistry Although from a purely scientific standpoint, many of these rare substances are of the greatest interest and importance, it must be admitted that they stand quite outside the range of all the customary courses of chemical instruction; and so far as the wants of the ordinary student are concerned, the space which would be occupied by an account of these elements, is more advantageously devoted to such matters as are discussed in the Introductory Outlines. Moreover, it is a matter of common observation, that text-books, even upon the shelves of reference libraries, and which bear unmistakable evidence of much use, are frequently uncut in those portions which

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**The History of Chemistry: A Very Short Introduction** Forgotten Books

This classic exposition explores the origins of chemistry, alchemy, early medical chemistry, nature of atmosphere, theory of valency, laws and structure of atomic theory, and much more.

[A Short History of Chemistry](#) Forgotten Books

Excerpt from A History of Chemistry This volume is the outgrowth of a series of talks which the author has for several years given to his students at the Institute of Technology, the hearers being members of the senior class specializing in chemistry, and hence familiar with its more important facts and principles. The lectures have dealt in a direct informal way with the fundamental ideas of the science: their origin, their philosophical basis, the critical periods in their development, and the personalities of the great men whose efforts have contributed to that development. About the Publisher Forgotten Books publishes hundreds of

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*A History of Chemistry From the Earliest Times (Classic Reprint)* Forgotten Books Excerpt from A College Text-Book of Chemistry In the Opinion of the author the time has not yet come for the abandonment of the study of elements and their compounds in what some are pleased to call the Old fashioned way. Indeed it seems essential that such study must always form the basis Of the higher or spiritual study Of chemistry. All chemists are thankful for the new conceptions that have been given to them in the last few years, and students must be made familiar with them in a general way. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at [www.forgottenbooks.com](http://www.forgottenbooks.com) This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing

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*First Book in Chemistry* Forgotten Books Excerpt from Historical Introduction to Chemistry IN the preparation of this volume the purpose has been to present an historical account of the more important facts and theories of chemistry, as these disclosed themselves to the original workers in this branch of science. No attempt has been made to write a formal History of Chemistry, either as a survey of the various periods into which the history of the science may be divided, or in the more usual biographical form. The material has been classified by subjects rather than by authors; but it will be found that under this system the work of individual experimenters is described quite as fully as in a biographical survey, whilst in the case of certain chemists, such as Priestley, Lavoisier and gay-lussac, it has been possible to include detailed descriptions of experimental work which could scarcely have found a place in a brief biography. The Biographical Index provides a key to the work of each author as it is described in the text, and contains most of the essential items for an account in narrative form of the achievements of the great pioneers of chemistry. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at [www.forgottenbooks.com](http://www.forgottenbooks.com) This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in

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**Chemistry in America** Royal Society of Chemistry

Excerpt from A History of Chemical Theories and Laws Vwiat classification of the principles of chemistry shall be adopted depends on what is now taken to be the purpose of the science. An examination of the progress of chemistry at different times, in the light of the knowledge we have to-day, seems to me to show that the main purpose of the science has always been the same. Chemistry has concerned itself in the past, as it concerns itself now, with the changes of material things; and, although the aspects of this study have been as varied as those of the transmutations of matter wherewith it deals, the essential object of the study, at all times, may be expressed in the language of to-day as being to describe, to set in due order, and to connect the changes of composition and the changes of properties which occur simultaneously in systems of homogeneous substances, and the conditions under which these changes proceed. The history of the advances which have been made towards attaining this object is the history of the principles of chemistry. The actions of our surroundings on our senses are spoken of as the properties of substances. If all the properties, except, it may be, the masses of any portions of a substance obtained by sifting or sorting that substance are the same. About the Publisher Forgotten Books

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*From Classical to Modern Chemistry*  
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Excerpt from A History of Chemistry From the Earliest Times The late Dr. Campbell Brown was accustomed, as part of his Chemical Course at Liverpool University, to deliver a series of Lectures on the History of Chemistry. These lectures were to him a labour of love, and were prepared after much research into the original authorities, including many old and rare treatises. 'it was his intention, when release from the duties of his Chair should have afforded him the necessary leisure, to revise the lectures and to put them into shape for publication. Death put a sudden term to his labours before the period of leisure arrived, and the lectures were left in the form of manu script notes, more or less complete, but not in that perfect shape which Dr. Campbell Brown would have wished if the History were to be published. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at [www.forgottenbooks.com](http://www.forgottenbooks.com) This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-

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**Foundations of Chemistry** Courier Corporation

From alchemy to industry, this authoritative volume is a synthetic history of chemistry through the ages, from its development as a scientific philosophy to its modern-day practical applications. A "New York Times" Notable Book. of illustrations.