



Scientific Interests In The Old South

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Scientific Interests In The Old South:

Science and Medicine in the Old South Ronald Numbers, Todd L. Savitt, 1999-03-01 With a few notable exceptions historians have tended to ignore the role that science and medicine played in the antebellum South The fourteen essays in Science and Medicine in the Old South help to redress that neglect by considering scientific and medical developments in the early nineteenth century South and by showing the ways in which the South's scientific and medical activities differed from those of other regions The book is divided into two sections The essays in the first section examine the broad background of science in the South between 1830 and 1860 the second section addresses medicine specifically The essays frequently counterpoint each other In the first section Ronald Numbers and Janet Numbers argue that the South's failure to keep pace with the North in scientific areas resulted from demographic factors William Scarborough asserts that slavery produced a social structure that encouraged agricultural and political careers rather than scientific and industrial ones Charles Dew offers a strong indictment of slavery suggesting that the conservative influence of the institution severely discouraged the adoption of modern technologies Other essays examine institutions of higher learning in the South southern scientific societies and the relationship between science and theology The section on medicine in the Old South also examines the ways in which the medical needs and practices of the Old South were both similar to and distinct from those of other regions K David Patterson argues that slavery in effect imported African diseases into the Southeast and created a modified West African disease environment James H Cassedy points out that land management policies determined by slavery land clearing soil exhaustion also helped create a distinctive disease environment Other contributors discuss southern public health problems domestic medicine slave folk beliefs and the special medical needs of blacks Science and Medicine in the Old South is a long overdue examination of these segments of the southern cultural milieu These essays will do much to clarify misconceptions about the time and the region moreover they suggest directions for future research

The Growth of Southern Nationalism, 1848-1861 Avery O. Craven, 1953-02-01 This book is the trade edition of Volume VI of A History of The South a ten volume series designed to present a thoroughly balanced history of all the complex aspects of the South's culture from 1607 to the present Like its companion volumes The Growth of Southern Nationalism is written by an outstanding student of Southern history The growth of Southern nationalism was largely the product of relations of the South to other states and to the Federal government Often what happened in the North and the reaction of Northern men to events determined Southern action and reaction The sections were being drawn closer together and their interests more and more entwined That was one of the great reasons for the increased friction and discord The sectional quarrel developed largely around slavery slavery as a thing in itself and then as a symbol of all differences and conflicts The reduction of the struggle to the simple terms of Northern rights and Southern rights placed issues beyond the abilities of the democratic process and rendered the great masses in both sections helpless before the drift into war The break could not have been avoided

according to Mr Craven unless either the North or the South had been willing to yield its position on an issue that involved matters of right or rights Neither could do so because slavery and come to symbolize values in each of their social economic structures for which men fight and die but which they do not give up or compromise *Scientific Interests in the Old South* Thomas Cary Johnson,1936 *Henry William Ravenel, 1814-1887* Tamara Miner Haygood,1987 Provides an engaging and illuminating view of the culture of the South and the study of natural history Ravenel s achievements Haygood argues refute Clement Eaton s contention that slavery stifled creative thought they also modify the more extravagant claim for southern equality with northern science made in Thomas Cary Johnson s *Scientific Interests in the Old South* 1936 American Historical Review Convincingly argues for the importance of these middle years to understanding American science and vividly illustrates the effect of the Civil War on science Ravenel a geographically isolated planter with a college degree but no scientific training managed to serve as one of America s leading mycologists despite continual financial and medical problems and the disruption of the Civil War This lively account of his life and work is at once inspiring and tragic Journal of the History of Biology A thoroughly enjoyable biography of one of the important American naturalists botanists and mycologists of the 1800s Truly an outstanding contribution to the history of American science Brittonia **Science, Race, and Religion in the American South** Lester D. Stephens,2003-07-11 In the decades before the Civil War Charleston South Carolina enjoyed recognition as the center of scientific activity in the South By 1850 only three other cities in the United States Philadelphia Boston and New York exceeded Charleston in natural history studies and the city boasted an excellent museum of natural history Examining the scientific activities and contributions of John Bachman Edmund Ravenel John Edwards Holbrook Lewis R Gibbes Francis S Holmes and John McCrady Lester Stephens uncovers the important achievements of Charleston s circle of naturalists in a region that has conventionally been dismissed as largely devoid of scientific interests Stephens devotes particular attention to the special problems faced by the Charleston naturalists and to the ways in which their religious and racial beliefs interacted with and shaped their scientific pursuits In the end he shows cultural commitments proved stronger than scientific principles When the South seceded from the Union in 1861 the members of the Charleston circle placed regional patriotism above science and union and supported the Confederate cause The ensuing war had a devastating impact on the Charleston naturalists and on science in the South The Charleston circle never fully recovered from the blow and a century would elapse before the South took an equal role in the pursuit of mainstream scientific research *The Launching of Modern American Science, 1846-1876* Robert V. Bruce,2022-05-01 Winner of the 1988 Pulitzer Prize in History For readers born since the 1930 s who have grown up assuming the United States leads the world in science *The Launching of Modern American Science 1846 1876* will come as something of a shock It shows that little over a century ago the American scientific community was small mediocre and unpromising Mr Bruce has performed an invaluable service in retrieving from numerous archives the letters and diaries of mid 19th century American

scientists in which both the well known ones and the obscure describe their assimilation of the scientific ethos their discovery of the fascination of lab work their contempt for charlatanism their dreams for the future of American science he has done extensive archival research as well as detailed analyses of scientists and technologists listed in the Dictionary of American Biography he has provided a wealth of information on the people and institutions of mid 19th century American science The New York Times A superb study of the dawn of science and technology in the United States Bruce s premier focus in this and earlier books is mid to late 19th century America and one feels in the presence of a master who creates a reality of time and place that is breathtaking Bruce meticulously documents the text with names numbers dates and places with vignettes and personality sketches noting that it was the American style of science to develop technique to observe describe and catalogue rather than theorize A scholarly gem Kirkus If I had to recommend only one book on the critical period of development of nineteenth century science in America it would be this one Bruce s book a social history of science and the scientific community is about launching the American ship of science on its course to professionalization modernity and international competitiveness His goal is to tell how American scientists and engineers established new national patterns and organizations in science and technology still prevalent today For a most critical period in the history of science in America Bruce has produced a thorough and well written historical demography of scientists their institutions societies journals jobs colleges schools laboratories museums lectures agencies expeditions surveys and public relations Journal of the History of Medicine and Allied Sciences Drawing upon an enormous number of primary sources and scores of secondary works Bruce has produced a truly important book His incisive analyses his exemplary style of writing and his graceful touches of humor make it a fascinating one a splendid book which fills a gap in our knowledge of the history of science in the United States and deserves the attention of everyone who desires to know when and how modern science fledged in America Science A book not just to be looked through but looked at Bruce displays a remarkable grasp of its sources primary and secondary in manuscript and print statistical studies of his own and others and it will be the well informed historian indeed who fails to make discoveries here Bruce writes a proprietary prose that is both eloquent and playful A magisterial study of the development of science under the peculiar constraints of democratic culture The Launching belongs with the half dozen or so classics that have appeared since the history of American science came out of drydock four decades ago Isis A n exceptionally fine and eminently readable piece of historical scholarship The book is a major contribution the scientific community in nineteenth century America Bulletin of the History of Medicine This will be the definitive account for a long time indeed American Scientist I t is difficult to say too much good about The Launching of Modern American Science which is a major interpretation of the period a book so altogether excellent it gives a view of that period that is both convincing and illuminating As a very welcome extra it is so well written that it is a joy to read History of Education Quarterly A n ample thoughtful scholarly and well written survey The New England Quarterly A rich and well documented account This is a

readable book that should find a broad audience *The British Journal for the History of Science* **The Growth of the American Thought** Merle Eugene Curti, Hailed as a pioneer achievement upon its original publication and awarded the Pulitzer Prize in history in 1944 *The Growth of American Thought* has won appreciative reviews and earned the highest regard among historians of the national experience With his elaboration of the complex interrelationships between the growth of American thought and the whole American social milieu Curti creates not only an intellectual history but a social history of American thought *Geological Sciences in the Antebellum South* James X. Corgan, 2014-06-15 Nine essays that provide detailed information about the early geological exploration of the southeastern United States Originally presented under the aegis of the Geological Society of America these essays cover observations and studies made between 1796 and the 1850s Each essay includes fascinating biographic sketches of the author a bibliography and an index **The Science Education of American Girls** Kim Tolley, 2014-04-08 *The Science Education of American Girls* provides a comparative analysis of the science education of adolescent boys and girls and analyzes the evolution of girls scientific interests from the antebellum era through the twentieth century Kim Tolley expands the understanding of the structural and cultural obstacles that emerged to transform what in the early nineteenth century was regarded as a girl's subject As the form and content of pre college science education developed Tolley argues direct competition between the sexes increased Subsequently the cultural construction of science as a male subject limited access and opportunity for girls Maria Martin's World Debra Lindsay, 2018-02-27 *Family Faith the Lutheran way Painting from nature Maria Martin and John James Audubon Living together working together collaboration and kinship Family and science beyond botanicals Family and science quadrupeds Faith Our trust in God* **Science in the Old South**, 1982 **The Metaphysical Confederacy** James Oscar Farmer, 1999 *Harvard Guide to American History* Frank Freidel, Frank Burt Freidel, Richard K. Showman, 1974 Editions for 1954 and 1967 by O Handlin and others The Proceedings of the South Carolina Historical Association South Carolina Historical Association, 1982 **Southern Scholars in Goethe's Germany** John T. Krumpelmann, 2020-05-01 This treasury of enlightening information reveals the roles of youthful Southerners in academic scholarly and literary society in Weimar Gttingen Bonn Berlin Heidelberg and Munich in the Golden Age of Germany In this piece of German American cultural history Krumpelmann traces the paths and influence of young men from the American South who attended German universities in the age of Goethe Discussed are Hugh Legar Jesse Burton Harrison George Henry Calvert Thomas Caute Reynolds Basil Lanneau Gildersleeve James Woodrow and others *The Pembroke Magazine*, 1982 Inventions and Scientific Discoveries National Survey of Historic Sites and Buildings, 1964 South Carolina Naturalists David Taylor, 1998 This collection of Civil War era letters includes epistles from the family of Charles Leverett an Episcopal clergyman and Lowcountry planter and his wife Mary Maxcy Leverett Carolinian **The American Ideology of National Science, 1919-1930** Ronald C. Tobey, 1971-10-15 Ronald C Tobey provides a provocative analysis of the movement to establish a

national science program in the early twentieth century Led by several influential scientists who had participated in centralized scientific enterprises during World War I the new effort to conjoin science and society was an attempt to return to earlier progressive values with the hope of producing science for society s benefit The movement was initially undermined by the new physics and Einstein s theories of relativity which shattered traditional views and alienated the American public Nationalized research programs were tempered by the conservatism of corporate donors Later with the disintegration of progressivism the gap between science and society made it impossible for the two cultures to unite

The Parasite-Stress Theory of Values and Sociality Randy Thornhill, Corey L. Fincher, 2014-07-17 This book develops and tests an ecological and evolutionary theory of the causes of human values the core beliefs that guide people s cognition and behavior and their variation across time and space around the world We call this theory the parasite stress theory of values or the parasite stress theory of sociality The evidence we present in our book indicates that both a wide span of human affairs and major aspects of human cultural diversity can be understood in light of variable parasite infectious disease stress and the range of value systems evoked by variable parasite stress The same evidence supports the hypothesis that people have psychological adaptations that function to adopt values dependent upon local infectious disease adversity The authors have identified key variables variation in infectious disease adversity and in the core values it evokes for understanding these topics and in novel and encompassing ways Although the human species is the focus in the book evidence presented in the book shows that the parasite stress theory of sociality informs other topics in ecology and evolutionary biology such as variable family organization and speciation processes and biological diversity in general in non human animals

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