Record Nr. UNINA9910777503203321 Science in Latin America [[electronic resource]]: a history / / edited by **Titolo** Juan Jose Saldana, ; translated by Bernabe Madrigal Pubbl/distr/stampa Austin,: University of Texas Press, c2006 **ISBN** 0-292-79571-8 Descrizione fisica 1 online resource (265 p.) Altri autori (Persone) SaldanaJuan Jose Disciplina 509.8 Soggetti Science - Latin America - History Science - Social aspects - Latin America Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia "Originally published as Historia social de las ciencias en America Note generali Latina"--T.p. verso. Nota di bibliografia Includes bibliographical references. Nota di contenuto ""Contents""; ""INTRODUCTION: The Latin American Scientific Theater (Juan Jose Saldana)""; ""CHAPTER 1: Natural History and Herbal Medicine in Sixteenth-century America (Xavier Lozoya)""; ""CHAPTER 2: Science and Public Happiness during the Latin American Enlightenment (Juan Jose Saldana)""; ""CHAPTER 3: Modern Scientific Thought in Santa Fe, Quito, and Caracas, 1736-1803 (Luis Carlos Arboleda and Diana Soto Arango)"": ""CHAPTER 4: Scientific Traditions and Enlightenment Expeditions in Eighteenth-century Hispanic America (Antonio Lafuente and Leoncio Lopez-Ocon)"" ""CHAPTER 5: Science and Freedom: Science and Technology as a Policy of the New American States (Juan Jose Saldana)""""CHAPTER 6: Scientific Medicine and Public Health in Nineteenth-century Latin America (Emilio Quevedo and Francisco Gutierrez)""; ""CHAPTER 7: Academic Science in Twentieth-century Latin America (Hebe M. C. Vessuri)""; ""CHAPTER 8: Excellence in Twentieth-century Biomedical Science (Marcos Cueto)""; ""CHAPTER 9: International Politics and the Development of the Exact Sciences in Latin America (Regis Cabral)"" Science in Latin America has roots that reach back to the information Sommario/riassunto gathering and recording practices of the Maya, Aztec, and Inca civilizations. Spanish and Portuguese conquerors and colonists introduced European scientific practices to the continent, where they

hybridized with local traditions to form the beginnings of a truly Latin

American science. As countries achieved their independence in the nineteenth century, they turned to science as a vehicle for modernizing education and forwarding "progress." In the twentieth century, science and technology became as omnipresent in Latin America as in the United States and Europe. Yet despite a history that stretches across five centuries, science in Latin America has traditionally been viewed as derivative of and peripheral to Euro-American science. To correct that mistaken view, this book provides the first comprehensive overview of the history of science in Latin America from the sixteenth century to the present. Eleven leading Latin American historians assess the part that science played in Latin American society during the colonial. independence, national, and modern eras, investigating science's role in such areas as natural history, medicine and public health, the eighteenth-century Enlightenment, politics and nation-building, educational reform, and contemporary academic research. The comparative approach of the essays creates a continent-spanning picture of Latin American science that clearly establishes its autonomous history and its right to be studied within a Latin American context.