Record Nr. UNINA9910777514803321 Autore Wexler Bruce E Titolo Brain and culture: neurobiology, ideology, and social change / / Bruce E. Wexler Cambridge, Mass., : MIT Press, ©2006 Pubbl/distr/stampa 1-282-10091-2 **ISBN** 9786612100918 0-262-28602-5 1-4237-7452-3 Descrizione fisica 1 online resource (320 p.) Disciplina 612.8 Soggetti Social change - Psychological aspects Culture - Psychological aspects Neurobiology - Social aspects Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali "A Bradford book." Includes bibliographical references (p. [255]-298) and index. Nota di bibliografia Nota di contenuto Introduction -- PART 1: Background: Some basic facts about the human brain -- 1. Transgenerational shaping of the human brain function --2. Effects of sensory deprivation and sensory enrichment on brain structure and function -- 3. Effects of the social environment on brain structure and function -- PART II: The neurobiology of ideology -- 4. Self-preservation and the difficulty of change in adulthood -- 5. The meeting of cultures -- Epilogue. "Brain and Culture reviews extensive neuroscience, psychological, social Sommario/riassunto science, and historical research to offer a new view of the relationship between people and their environments. Our brains require sensory input from the environment to develop normally, and that input shapes the brain systems necessary for perception, memory, and thinking. Environmental shaping of the brain is much greater in people that in other animals and, more importantly, we shape the environment that shapes our brains to an extent without precedent. Even the structure and function of DNA that codes for brain proteins are changed by early

life experience. Through these processes our brains shape themselves to the individual cultural and interpersonal environments in which we