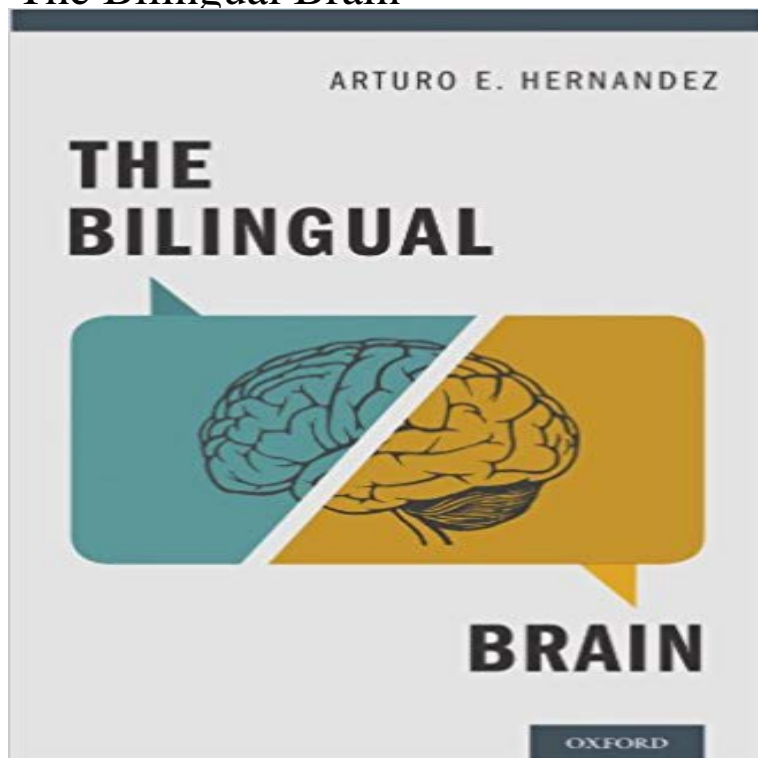


## The Bilingual Brain



Cases of language loss and recovery bring up an intriguing paradox. If two languages are stored in the brain, how can it be that a person can lose one of them, but not the other, and then gain one back without relearning it? The traditional models of how a language is represented in the brain suggest that languages can become inaccessible, even though they are not entirely lost. As the author demonstrates through fascinating cases, stress--whether due to foreign language immersion, sleep deprivation, or brain damage--can lead to the apparent loss of one language, but not the other. Arturo Hernandez presents the results of 25 years of research into the factors that might help us to understand how two (or more) languages are stored in one brain. It is clear that the brain is not egalitarian--some languages are privileged and others are not, but why? Hernandez will extend recent work that has begun to take a biological or natural systems approach. He proposes that, in bilinguals, two languages live inside a brain almost like two species live in an ecosystem. For the most part they peacefully co-exist and often share resources. But they also compete for resources, particularly when under stress. Although there are still many questions to answer and many puzzles to solve, Hernandez argues that the nonlinear dynamical models, which have been used to uncover the underlying mechanisms seen in natural systems and more recently in language and cognition, can be used to shed considerable light on the neural bases of bilingualism.

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**The Bilingual Brain: Arturo E. Hernandez: 9780199828111: Amazon** Nov 29, 2016 Again and again, researchers have found, bilingualism is an experience that shapes our brain for a lifetime, in the words of Gigi Luk, an **Language Control in the Bilingual Brain Science** The Bilingual Brain from University of Houston System. This course explores the brain bases of bilingualism by discussing literature relevant to differences in **What Is Different in the Bilingual Brain? Part II Psychology Today** Feb 10, 2016 Neuroscientists in Montreal link the strength of brain connections to language To get a peek inside the bilingual brain, Xiaoqian Chai and **Bilingual and Monolingual Brains Compared: A Functional Magnetic** May 7, 2012 The scientists decided to test whether bilingual teens, whose brains are still developing, would also show an enhanced response to complex **Being Bilingual Changes the Architecture of Your Brain WIRED** Aug 7, 2016 Nickelodeons cartoon series Dora the Explorer, whose bilingual heroine helps young children learn Spanish words. Photograph: **The Bilingual Brain** The Bilingual Brain. Wednesday, October 01, 1997. RELATED TAGS: EARLY LANGUAGE. When Karl Kim immigrated to the United States from Korea as a **What Does It Mean To Be Bilingual?** - Does the brain of a bilingual process language differently from that of a monolingual? We compared how bilinguals and monolinguals recruit classic language **Images for The Bilingual Brain** The Bilingual Brain [Arturo E. Hernandez] on . \*FREE\* shipping on qualifying offers. Cases of language loss and recovery bring up an intriguing **Mapping the Bilingual Brain - Radiolab** How does the bilingual brain distinguish and control which language is in use? Previous functional imaging experiments have not been able to answer this **Bilingual Mind: Understanding How the Brain Speaks Two - Health** Nov 12, 2014 Bilingual people may process language more efficiently than people who know only one language. **Is Bilingualism Really an Advantage? The New Yorker** Nov 22, 2012 Recent studies of children who grow up in bilingual settings reveal advantages over single language children, including both increased **Inside the Bilingual Brain Psychology Today** Apr 23, 2013 Learning to speak was the most remarkable thing you ever did. 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The true edge may come far later in helping with the aging brain. **What is Different in the Bilingual Brain? Psychology Today** Jan 15, 2013 Brain scans of bilingual individuals found greater gray-matter density (yellow) in the inferior parietal cortex, an area in the brain's language-dominant left hemisphere. If so, and you also speak English (or any other language), your brain may have developed some distinct advantages over your monolingual peers. **The Bilingual Brain Psychology Today** Jun 15, 2016 Research on the bilingual brain has gone through several stages over the years: the study of aphasic polyglots, experimental work on language lateralization in bilinguals, and now brain imaging studies that examine language processing and neural structures and connections between them. **The Bilingual Brain - Nielsen** Language teacher and researcher Miguel Angel Munoz explains the latest research on how being bilingual affects your brain, ahead of a British Council **The Bilingual Brain -** Jun 24, 2014 Research has demonstrated that bilingual speakers have a number of cognitive advantages over their monolingual peers however, the **Bilingual Education: 6 Potential Brain Benefits : NPR Ed : NPR** The book considers the nature of the bilingual brain by framing it around three specific issues: age of acquisition, language proficiency and cognitive control.