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Cover Art by Mark Belan

11 GLOBAL PERSPECTIVE: THE MENTAL HANDICAP OF A HOSTILE ENVIRONMENT

Children with cerebral palsy often receive support in Western societies, but this is not always the case in many places around the world. Hannah Roche recounts her personal experience working at an orphanage in Guinea, and discusses some social barriers to child care and rehabilitation in the developing world.

15 CRITICAL REVIEW: COMMUNITY-BASED INTERVENTIONS

Non-governmental organizations (NGOs) often play controversial roles in the healthcare sectors of many developing countries. Nikita Arora discusses how new community-based intervention techniques may help NGOs to offer more sustainable support.

19 CRITICAL REVIEW: NEUROPROTECTIVE AGENTS IN TRAUMATIC BRAIN INJURY

There is more to a brain concussion than just physical damage. Helen Genis delves into the cellular processes that follow after traumatic brain injury. Understanding these mechanisms may help to develop neuroprotective agents for the prevention of life-long disabilities after concussions.

23 CRITICAL REVIEW: TONAL HARMONY

Music and tonal languages are known to share similar neural pathways. Maxwell Tran and Ishan Aditya discuss how the two are related and how they may be beneficial in language acquisition and Autism Spectrum Disorders.

27 CRITICAL REVIEW: PATHOGENIC FOODBORNE BACTERIA DETECTION

Foodborne illnesses are a large concern for the public. Grace Zhang takes a look at current and novel methods of detecting foodborne bacteria, which is a critical step in preventing related epidemics.