

## **14 August 2015 (Fri)**

### **Deafness, Signed Languages and Cochlear Implants**

*Dr. David Corina*

#### **Abstract:**

Approximately 2 out of every 1,000 babies are born with a severe hearing loss. Hearing loss in infancy can affect the normal acquisition of language. Recent linguistic and technological advances give parents new opportunities for raising deaf children without a significant language delay. This talk presents an introduction of communication strategies used with deaf infants and discuss the benefits of signed languages and cochlear implants. There will be discussions on the benefits of multilingualism for both deaf and hearing children.

### **Optimizing conceptual understanding and literacy development of deaf students by using sign language and advanced technology**

*Dr. Christopher Kurz & Dr. Susan Lane-Outlaw*

#### **Abstract:**

This lecture provides a review of research of academic language and literacy development for deaf children, and discusses some evidence-based bilingual strategies to optimize conceptual understanding of content subjects. The strategies also support literacy development of deaf students with support of sign language and advanced technology. Participants will receive hands-on experiential activities that reinforce use of academic language and bilingual learning.

## **15 August 2015 (Sat)**

### **Sign Languages and Bilingualism: Scientific Developments and Emerging Opportunities**

*Dr. David Corina*

#### **Abstract:**

Signed Languages used by Deaf communities across the world are naturally occurring human languages. This talk discusses the linguistic status and psychological processing of signed languages. There will be discussions on the studies of bi-modal bilingualism where an individual knows both a spoken and a signed language. This talk also examines the benefits of bilingualism and how the brain responds to languages in the auditory and visual modalities.

### **How visual language and visual learning support early language and cognitive development**

*Dr. Christopher Kurz & Dr. Susan Lane-Outlaw*

#### **Abstract:**

This lecture discusses benefits of visual language and visual learning in supporting early language and cognitive development for all children. Participants will learn more about visual strategies to learning and communication at home and in school through hands-on language activities that reinforce cognitive development

## **2015年8月14日(星期五)**

### **耳聾，手語和人工耳蝸**

*Dr. David Corina*

#### **摘要:**

每一千名新生嬰兒中約有兩名天生重度聽障。嬰兒時期的聽力缺失不可避免地影響正常語言獲得。近年來語言學研究和科技的進步為家長培養沒有顯著語言發展遲緩的聾童提供了新的機會。這個講座將介紹與年幼聾童溝通的策略、手語及人工耳蝸的好處，同時討論聾童和健聽兒童發展多語的益處。

### **使用手語和高科技優化聾生的概念理解和讀寫能力發展**

*Dr. Christopher Kurz & Dr. Susan Lane-Outlaw*

#### **摘要:**

講座將介紹聾童在學科語言和讀寫能力發展方面的相關研究，討論如何通過基於實證的雙語教學策略優化聾生對不同學科的概念理解。在手語和先進科技的支持下，這些策略也能幫助聾生發展讀寫能力。參加者可親身體驗一些有助於加強學科語言使用和雙語教學的活動。

## **2015年8月15日(星期六)**

### **手語和雙語：科技發展和新興機遇**

*Dr. David Corina*

#### **摘要:**

世界各地聾人社群中使用的各種手語都是自然產生的人類語言。此次講座將討論手語的語言學地位和心理加工機制，以及跨信道雙語(即同時懂得手語和口語)的相關研究。講座中還將探討手語雙語的好處，講解大腦如何應對經聽覺和視覺渠道傳達的語言。

### **視覺語言和視覺學習如何支持早期語言和認知發展**

*Dr. Christopher Kurz & Dr. Susan Lane-Outlaw*

#### **摘要:**

講座將講解視覺語言和視覺學習如何有效幫助兒童早期語言和認知的發展。參加者可親身體驗一些有助於增強認知能力發展的語言活動，從中了解更多有效促進兒童在家中和學校中學習和溝通的視覺策略。