

# The Albuquerque Association for

# Gifted and Talented Students

~ 31<sup>st</sup> Annual Conference ~

Saturday, October 24, 2009

7:45 AM – 4:00 PM

## Where Giftedness Begins: Understanding Current Brain Research



**Albuquerque Academy**

The Albert G. and Ruth Hanna McCormick

Simms Center for the Performing Arts

6400 Wyoming NE Albuquerque, NM

<b>7:45 AM</b>	<p><b>Registration and Continental Breakfast</b></p> <p><i>East Dining Hall</i>  <b>After 8 AM, please visit our exhibitors in the lobby of Simms Center.</b></p>
<b>8:30 AM</b>	<p><b>Announcements and Introduction of Keynote Speaker</b></p> <p><i>Simms Center for the Performing Arts, Auditorium</i></p>
<p><b>KEYNOTE</b>  <b>8:45-10:00 AM</b></p>	<p><b>The Ten Unsolved Mysteries of the Brain</b>  How are memories stored and retrieved? Why do brains sleep and dream? What is intelligence? These and other deceptively simple questions have taken center stage in modern neuroscience, and what we know—and don't know—about them is often surprising. Since the field of neuroscience is still young and groping for its theoretical footing, this talk turns the spotlight on these uncharted territories. Given the complexity of modern neuroscience, this talk gives a summary of the state of the science, a roadmap that looks at the outstanding problems for the next generation, and suggests the hotspots for future discovery. This talk is based on Dr. Eagleman's upcoming book of the same title.</p> <p>David Eagleman, Ph.D. — Simms Center, Auditorium</p>
<p><b>10:00-10:20 AM</b></p>	<p><b>Break</b></p> <p><i>Please visit our exhibitors in the lobby of Simms Center.</i></p>
<p><b>SESSION I</b>  <b>10:20-11:35 AM</b></p>	<p><b>Creativity and the Brain: From Classroom to Home</b>  In this session you will learn the neurological basis of creativity and how to stimulate it in your child's brain.</p> <p>David Eagleman, Ph.D. — Simms Center, Auditorium</p>
<p><b>11:35 AM-12:00 PM</b></p>	<p><b>Viewing of Exhibits &amp; Book Signing with David Eagleman</b></p> <p><i>Please visit our exhibitors in the lobby of Simms Center.</i></p>
<p><b>12:00 PM</b></p>	<p><b>Lunch</b></p> <p><i>East Dining Hall</i></p>
<p><b>SESSION II</b>  <b>12:45-2:00 PM</b></p>	<p><b>The Multisensory Brain: How to Improve Learning by Tapping Into All the Senses</b>  Humans have multiple senses by which information reaches the brain. Recent studies have suggested that the best learning occurs when the senses can work synergistically. For example, it is easy to remember the words to a song, but difficult to remember the words if you simply read them. Most current teaching styles, by employing only auditory (lecture) or visual (reading material) stimulation, do not take advantage of the fact that the brain has evolved to most effectively extract information from combinations of inputs. Participants can expect to learn new strategies for maximizing learning.</p> <p>David Eagleman, Ph.D. — Simms Center, Auditorium</p>

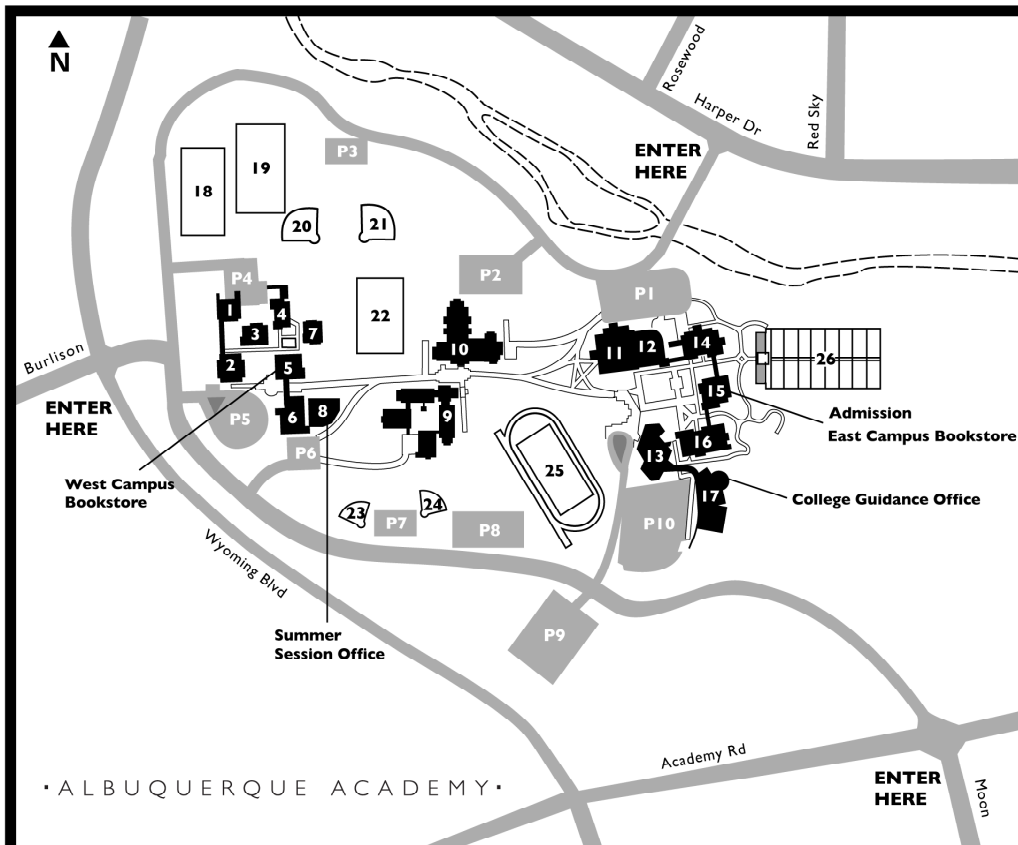
<b>2:00-2:15 PM</b>	<p><b>Break</b></p> <p><i>Please visit our exhibitors in the lobby of Simms Center.</i></p>
<p><b>PARENTS' WORKSHOP</b> <b>2:15-3:45 PM</b></p>	<p><b>The Ten Necessities for Parenting the Gifted</b> How do we develop positive, nourishing environments for our gifted children and youth? What activities can we facilitate? How do we learn to have "unconditional positive regard for our entire family?" These and many more questions will be answered in this session.</p> <p>George Betts, Ed.D. — Simms Center, Auditorium</p>
<p><b>TEACHERS' WORKSHOP</b> <b>2:15-3:45 PM</b></p>	<p><b>Brainy Curriculum</b> Teachers...You have learned many interesting ideas on the brain and brain research...now let's apply them to our classrooms! This workshop will be spent developing gifted curriculum to take back to your students. The format will be a brief overview of gifted curriculum needs followed by a discussion and brainstorming session.</p> <p>Trevor Carter — Simms Center, Little Theatre</p>
<p><b>3:45 PM</b></p>	<p><b>Viewing of Exhibits &amp; Book Signing with George Betts</b></p> <p><i>Please visit our exhibitors in the lobby of Simms Center.</i></p>
<p><b>4:00 PM</b></p>	<p><b>Adjournment</b></p> <p><i>Please fill out the conference evaluation and deposit in marked boxes located in the lobby. If you require a certificate of attendance, please pick one up when you turn in your evaluation at the end of the conference.</i></p>

**George Betts, Ed.D.** is a professor and director of the Center for the Education and Study of the Gifted, Talented, and Creative as well as director of the Summer Enrichment Program (SEP), at the University of Northern Colorado. He is an internationally acclaimed speaker and consultant who specializes in assisting schools, districts, states, and national organizations implement and refine programs for gifted and talented learners. He has worked extensively in the United States, Canada, Germany, Australia, New Zealand, Singapore, and Taiwan. He is currently on the board of the National Association for Gifted Children (NAGC). He received the 1990-1991 Distinguished Service Award from NAGC and was honored with the Life-Time Achievement Award by the Colorado Association for Gifted and Talented (CAGT) in 1996. In 2006 he received the M. Lucile Harrison Award for Professional Excellence at the University of Northern Colorado. For Dr. Betts, this is the capstone award of his career, since it was awarded by his professional peers.

**Trevor Carter** taught gifted students for 20 years in APS. She spent most of that time in elementary programs and middle school seminar services. After retiring from teaching, she has presented various gifted workshops around the state and currently works in the Gifted Resource Center at APS. Trevor is the New Mexico State Coordinator for National History Day, a program for students in grades 6-12. She has served on the AAGTS board of directors for 30 years.

**David Eagleman, Ph.D.** is a neuroscientist at Baylor College of Medicine (BCM). He directs the Laboratory for Perception and Action, and is the founder of BCM's Center for Law, Brains, and Behavior. He has published dozens of papers in high-impact journals, and has authored several books, including *Wednesday is Indigo Blue: Discovering the Brain of Synesthesia* (MIT Press), *Dethronement: The Secret Life of the Unconscious Brain* (upcoming, Pantheon), and *Plasticity: The Dynamically Reorganizing Brain* (upcoming, Oxford University Press). He is also the author of an internationally best-selling fiction book titled *Sum*, which has been translated in 16 languages, and which Eagleman performed a rendition at the Sydney Opera House. He attended Albuquerque Academy from sixth to twelfth grade. He then earned his undergraduate degree in British and American Literature at Rice University and Oxford University, and obtained his doctorate in neuroscience at Baylor College of Medicine. He was a postdoctoral fellow at The Salk Institute in La Jolla, California, where he worked with Terrence Sejnowski and Francis Crick. Dr. Eagleman holds joint appointments in the Departments of Neuroscience and Psychiatry at Baylor College of Medicine.

## CAMPUS MAP



Albuquerque Academy is a non-smoking campus

AAGTS Fall Conference will be held at Albuquerque Academy's Upper School (East Campus)

Registration and lunch will be in the East Dining Hall (17)

Speakers will be located in the Simms Center for the Performing Arts (18)

Please park in the nearby parking lots, P1 and P10



**Albuquerque Association  
for Gifted and Talented Students**

**PO Box 94328  
Albuquerque, NM 87199-4328**

A nonprofit organization  
dedicated to  
developing one of our  
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students.

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