

**6th Annual
San Antonio Science and
Mathematics Saturday**

**“Teaching Science and
Mathematics for Students
of the
Twenty First Century”**

SEMINAR PROGRAM

**October 6, 2007
7:00 am to 4:00 pm**

At San Antonio College

San Antonio Science and Mathematics Saturday

October 6, 2007

Dear science and mathematics educators,

The San Antonio Science and Mathematics Education Association welcomes you. We are glad you all took a Saturday to join us. We have an outstanding group of speakers and presenters. Their topics are up-to-date and focus on the needs of the classroom teacher. We are sure every one of you will find topics to keep you engaged throughout the day.

Please take time to stop by the Gym to thank our commercial sponsor, Harcourt Education Publishing. Their financial support help make this seminar possible. While you are there, stop by our commercial exhibitors; they are outstanding providers of content material, AV material, software, and science supplies. Their participation also allows us to keep the cost of this seminar as low as we can. We offer a special thank you to Jason's Deli Catering. We really appreciate their support of Texas educators.

Please note the following:

We have provided a Credit Reporting Card for each of you. The card has spaces for you to write in the session numbers, documenting the sessions you attend. When you return to your schools, turn the cards in to your administration, and they will be able to record your in-service hours. Please make sure you fill in your card and turn it in.

Due to space limits in the Gym we will have two lunch sessions. We tried to keep members of the same faculties and Districts in the same lunch. If you want to change your lunch period, please find someone from the other lunch period to trade lunch tickets with. In the lunch period you are not eating please go the McAllister Auditorium and listen to our keynote speaker.

We hope every one of you will leave with new information and techniques to help your students, fond memories of the hospitality of San Antonio College, and appreciation for the efforts of the many dedicated volunteers who worked to make this day possible.

Kind regards,

Roger Hart Kramer, President

**San Antonio Science and Mathematics Saturday
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**A very special thank you to our host institution:
San Antonio College- The Faculty and Staff and their
President: Robert Zeigler, Ph.D.**

We also extend our Thanks and Appreciation to:

Our Silver Sponsor- Supporting our Breakfast:

Harcourt Educational Publishing

Innovative products that are hands-on, child-centered, and research based. Explore the latest in pre K and elementary math solutions for making instruction fun and effective.

Our Bronze Sponsors:

**Sargent-Welch, Science Kit, and Ward’s- Desserts for
Lunch**

Lakeshore Publishing

Special Thanks to:

Northside ISD, Secondary Science Department- Ticket Printing Sponsor

O’Connor High School, Work Center- NISD - Ticket Printers

Dr. Kimberly Bilica and Dr. Carmen Files- UTSA- Program Committee

**Jerry O’Connor and Mona Aldana Ramirez-SAC-Hospitality and Arrangements
Committee**

**The Student Volunteers from SAC and UTSA-Serving as Guides and Aides for all of
us**

Commercial Exhibitors- In the Gym

Our commercial exhibitors contribute fees to the Association to help us defray the costs of the seminar. Their financial contributions, along with those of our sponsors, are the reason we can provide this in-service with its' outstanding meals at such a low cost to the attendees. Please show your appreciation by visiting the exhibit center in the gym. The exhibitors are all well known providers of outstanding textbooks, AV materials and science supplies.

The Exhibit Hall will be open from 7:30am to 3:30pm

Silver Sponsor

Harcourt School Publishers

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CPO Science

Pearson Scott Foresman Publishing

Science Select

Supporting Science Inc

Abrams and Company Publishing

Keynote Address **McAllister** **11:45 and**
Fine Arts **12:45**
Auditorium



Mr. Sam Zigrossi, Program Director, Charles A. Dana Center, University of Texas at Austin

“Education for Students of the 21st Century”

The presentation will be a brief historical perspective from the 1940’s to present with the perspective of the changing society and the characterization of education. We look into the future and project what the implications of the future will have on education and our way of life.

San Antonio Science and Mathematics Saturday

Scobee Planetarium Presentations

All Planetarium Presentations begin promptly at the specified time.

There will be NO LATE SEATING

1. The Rocket Trip - 9:15 am

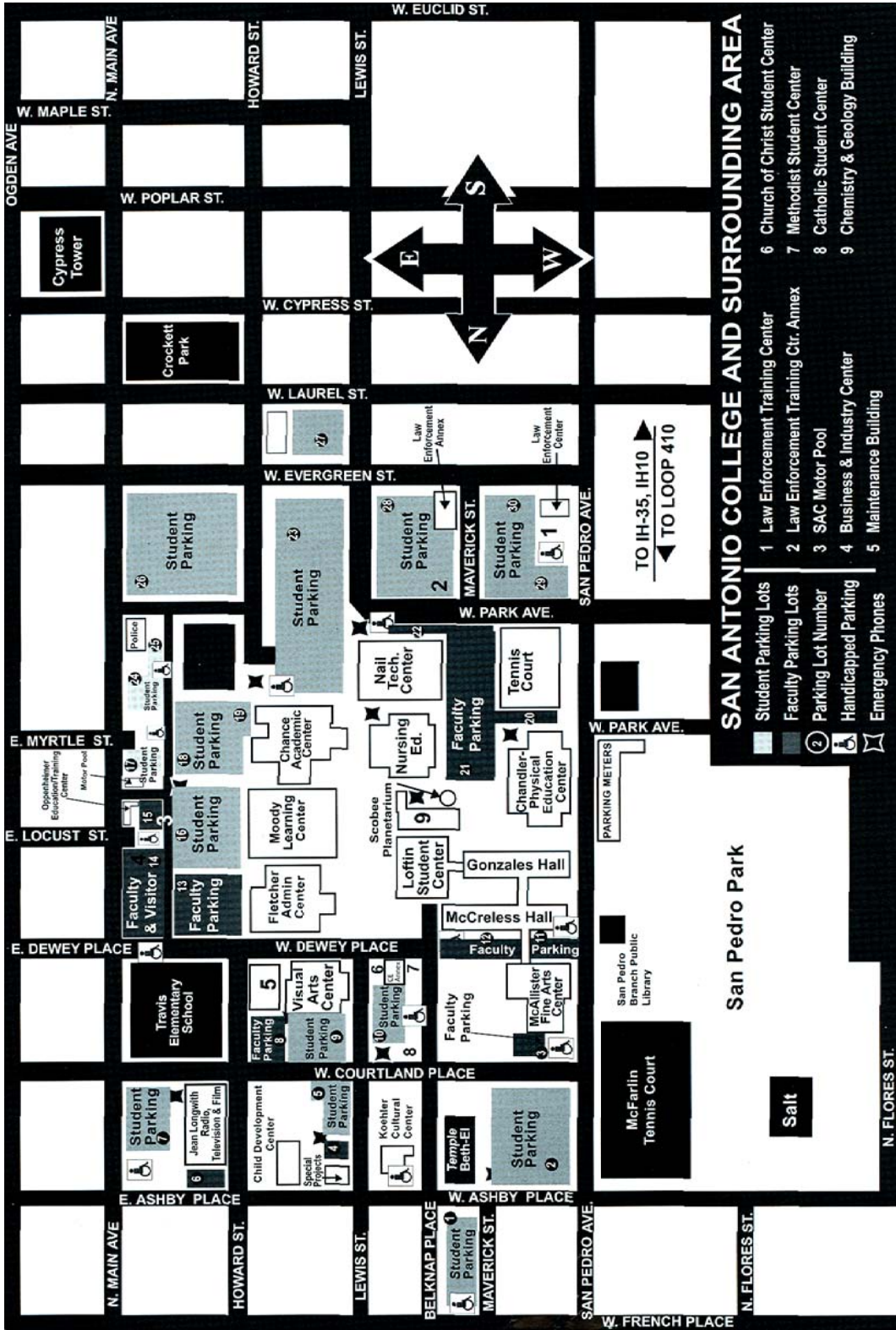
A Planetarium classic and one of the most popular shows! Transformed into an imaginary rocket ship, the planetarium takes everyone on a simulated a space journey through the Solar System. As the countdown reaches zero, the audience blasts off on a fun filled trip to the Moon, Sun, and each of the nine planets. This program includes the latest Solar System information presented in an entertaining style. Show length including introduction, questions and answers is about one hour.

2. Wonders of the Night Sky - 10:30 am

This show is the most versatile; the program takes the audience on a tour of the current night sky. After viewing a simulated sunset, the audience is taken on a guided tour of the celestial sights visible from San Antonio. Topics highlighted include the Moon and its motion and phases, identification of the visible evening and morning planets, location of several bright stars and constellations, and upcoming special sky events. This show also includes Greek and Roman constellation mythology. Because of its format and subject material, "Wonders of the Night Sky" has the greatest flexibility for including the largest grade span (3rd through 12th).

3. The New Solar System - 1:45 pm

In recent years the pace of discovery in astronomy has been breathtaking. Our understanding of the nine worlds circling the Sun has undergone an amazing revolution. In this program we will explore the latest discoveries made about each of the planets, their moons and the ring systems they possess. We'll investigate comets, asteroids, as well as highlight the search for possible new planets orbiting the Sun and other stellar systems. From the formation of our star to the frozen realm of the comets, find out what's new under the Sun as we feature, "The New Solar System". "The New Solar System" examines the astronomical interpretation of the Solar System's formation. It is an excellent show for 4th grade and above.



- SAN ANTONIO COLLEGE AND SURROUNDING AREA**
- 1 Law Enforcement Training Center
 - 2 Law Enforcement Training Ctr. Annex
 - 3 SAC Motor Pool
 - 4 Business & Industry Center
 - 5 Maintenance Building
 - 6 Church of Christ Student Center
 - 7 Methodist Student Center
 - 8 Catholic Student Center
 - 9 Chemistry & Geology Building
 - 10 Emergency Phones
- Student Parking Lots
 Faculty Parking Lots
 Handicapped Parking
 Emergency Phones

TO IH-35, IH10
 TO LOOP 410

San Pedro Park

San Pedro Branch Public Library

McFarlin Tennis Court

Salt