

## Exceptional Space Science Materials for Exceptional Students V

JULY 24 – 28, 2005 | HUNTSVILLE, AL

**Sponsored by:** Southeast Regional Clearinghouse (SERCH) a NASA Science Mission Directorate (SMD) Broker/Facilitator

**Location:** Huntsville Marriott, US Space & Rocket Center (USSRC) and Marshall Space Flight Center (MSFC)

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#### AGENDA

**Saturday, July 23<sup>rd</sup>** [Arrival & Check-in Date]

**Sunday, July 24<sup>th</sup>** [Arrival & Check-in Date]

**12:00 – 2:00 PM Registration – Marriott Lobby**

**2:00 – 4:00 PM Team Building Activity @ USSRC (meet in Marriott Lobby at 1:45 PM)**

6:00 – 7:00 PM Dinner (Salon E & F)

**6:00 – 8:30 PM WELCOME - OVERVIEW OF WORKSHOP PURPOSE & GOALS/EXPECTED**

(30 minutes to introduce **OUTCOMES**

SERCH, the workshop Dr. Cassandra Runyon (SERCH Director), Ms. Kathryn Guimond (SERCH Program

purpose & goals and Manager & Education Specialist) & Ms. Cynthia Atkinson (SERCH Curriculum Specialist)

expected outcomes i.e.

feedback on materials – not  
presenters and educator pd)

**QUESTION for tomorrow's networking activity >**

What will success look like to you that will make you say,

"This was worth the time and effort asked of me"?

#### Opening Keynote Speaker

Mr. Mike Kersjes, President, Space Is Special Inc. and Author, "A Smile As Big As the Moon: A Teacher, His Class and Their Unforgettable Journey"

#### NOTE:

Where appropriate we have noted what Workshop Purpose(s) and Goal(s) are being met by a particular presentation/activity. Please refer back to Exceptional Space Science Materials for Exceptional Students Workshop Purposes and Goals for a complete description.

**WP #** refers to corresponding Workshop Purpose #

**WG #** refers to corresponding Workshop Goal #

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**Monday, July 25<sup>th</sup>**

7:30 – 8:45 AM BREAKFAST (Salon E & F)

**9:00 – 10:00 AM WELCOME - OVERVIEW OF WORKSHOP FORMAT/WHAT TO EXPECT**

(Introduce simulators, Dr. Cassandra Runyon (SERCH Director), Ms. Kathryn Guimond (SERCH Program Manager format of Forum/Mission & Education Specialist) & Ms. Cynthia Atkinson (SERCH Curriculum Specialist) presentations, & General Larry Caps – USSRC Networking Activities) Jim Pruitt - MSCF

**10:00 – 11:00 AM PLENARY GUEST LECTURE: An Educator's Perspective**

Ms. Nancy Hendrix, Classroom Educator, Jessieville Middle School, AR and Mr. Don Pierce, Assistant Principal, Lakeside Middle School, AR

11:00 – 11:15 AM BREAK

**11:15 AM – 12:15 PM PLENARY GUEST LECTURE: A Scientists Perspective**

Dr. Robert Shelton, NASA Learning Technologies Regional Center Project Manager, Johnson Space Center (JSC)

12:15 – 1:15 PM LUNCH – Networking Activity (Salon E & F) Move to Discovery & Atlantis after lunch.

**1:15 – 2:15 PM Reading, Writing and Rings: CONTENT TRAINING ON ACTIVITY(IES)**

Ms. Shannon McConnell, Cassini Mission Formal Education Outreach Lead, Jet Propulsion Laboratory (JPL)

<http://saturn.jpl.nasa.gov/education/edu-k4.cfm>

Grade Level: K-4

**2:15 – 3:15 PM Reading, Writing and Rings: HANDS-ON TRAINING OF ACTIVITY(IES) IN SIMULATION**

Ms. Shannon McConnell, Cassini Mission Formal Education Outreach Lead, Jet Propulsion Laboratory (JPL)

<http://saturn.jpl.nasa.gov/education/edu-k4.cfm>

Grade Level: K-4

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**Monday, July 25<sup>th</sup>** [CONTINUED]

3:15 – 3:30 PM BREAK

**3:30 – 4:30 PM Reading, Writing and Rings: DISCUSSIONS ON MODIFICATIONS/ADAPTATIONS**

Ms. Shannon McConnell, Cassini Mission Formal Education Outreach Lead, Jet Propulsion Laboratory (JPL)

<http://saturn.jpl.nasa.gov/education/edu-k4.cfm>

Grade Level: K-4

**4:30 – 5:15 PM NETWORKING ACTIVITY**

TOPIC: Purpose, goals and expected outcomes of the workshop. What will success look like to you that will make you say, "This was worth the time and effort asked of me"?

**5:15 – 5:30 PM Evaluation & Adjourn**

7:00 – 8:30 PM Dinner – Networking Activity (Salon F & Columbia)

**7:00 – 9:00 PM NETWORKING ACTIVITY (Required event)**

Poster session: "Getting to know the work of our colleagues."

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### Tuesday, July 26<sup>th</sup>

7:30 – 8:30 AM BREAKFAST (Salon E & F)

8:45 – 9:00 AM **Daily Overview of Goals and Expected Outcomes**

9:00 – 10:00 AM **PLENARY GUEST LECTURE: An Educator's Perspective**

Mr. Bac Shelton, Art instructor for Project ART & Prentke Romich Company  
ambassador, T.K. Martin Center, Mississippi State University

<http://www.tkmartin.msstate.edu/staff/bshelton/index.html>

10:00 – 10:15 AM BREAK (Move to Atlantis & Discovery)

10:15 – 11:15 AM **Detecting Extra Solar Planets & Possibly Life: CONTENT TRAINING ON ACTIVITY(IES)**

Dr. Matthew Bobrowsky, Science Content Specialist, Origins Education Forum

<http://origins.stsci.edu/formal/resources/activities.html>

Grade Level: 5-8

11:15 – 12:15 AM **Detecting Extra Solar Planets & Possibly Life: HANDS-ON TRAINING OF ACTIVITY(IES) IN SIMULATION**

Dr. Matthew Bobrowsky, Science Content Specialist, Origins Education Forum

<http://origins.stsci.edu/formal/resources/activities.html>

Grade Level: 5-8

12:15 – 1:30 PM LUNCH – NETWORKING TIME (Salon E & F)

1:30 – 2:30 PM **Detecting Extra Solar Planets & Possibly Life: DISCUSSIONS ON MODIFICATIONS/ADAPTATIONS**

Dr. Matthew Bobrowsky, Science Content Specialist, Origins Education Forum

<http://origins.stsci.edu/formal/resources/activities.html>

Grade Level: 5-8

2:30 – 2:45 PM BREAK (Move to Atlantis & Discovery)

2:45-3:45 PM **Sun Earth Day – Eclipse 2006: CONTENT TRAINING ON ACTIVITY(IES)**

Ms. Elaine Lewis, Curriculum Development Specialist, Sun-Earth Connection Education  
Forum

[http://sunearthday.nasa.gov/2006/index\\_teaser.htm](http://sunearthday.nasa.gov/2006/index_teaser.htm)

Grade Level: 5-8

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Tuesday, July 26<sup>th</sup>

[CONTINUED]

**3:45 – 4:45 PM Sun Earth Day – Eclipse 2006: HANDS-ON TRAINING OF ACTIVITY(IES) IN SIMULATION**

Ms. Elaine Lewis, Curriculum Development Specialist, Sun-Earth Connection Education Forum

[http://sunearthday.nasa.gov/2006/index\\_teaser.htm](http://sunearthday.nasa.gov/2006/index_teaser.htm)

Grade Level: 5-8

**4:45 – 5:45 PM Sun Earth Day – Eclipse 2006: DISCUSSIONS ON MODIFICATIONS/ADAPTATIONS**

Ms. Elaine Lewis, Curriculum Development Specialist, Sun-Earth Connection Education Forum

[http://sunearthday.nasa.gov/2006/index\\_teaser.htm](http://sunearthday.nasa.gov/2006/index_teaser.htm)

Grade Level: 5-8

5:45 – 6:00 PM Daily Evaluation & Adjourn

7:05 PM EVENING ACTIVITY (Optional / This activity will not be pre-organized by SERCH)



**Stars vs. West Tenn Diamond Jaxx 7:05PM**



▶ 2 X Tuesday

Buy one get one free General Admission tickets, hot dogs, Domino's pizza and soft drinks.

▶ Pepperidge Farm Day

Fans don't forget you could come to each and every Tuesday game for FREE. Just purchase TWO Pepperidge Farm fresh bakery products and save the UPCs. Then present the UPCs at the Stars' ticket window to receive a complimentary ticket to the night's game courtesy of our friends at Pepperidge Farm.

<http://www.huntsvillestars.com/>

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Wednesday, July 27<sup>th</sup>

7:30 – 8:30 AM BREAKFAST (Salon E & F)

8:45 – 9:00 AM **Daily Overview of Goals and Expected Outcomes**

9:00 – 10:00 AM **The Black Hole Explorer Game: CONTENT TRAINING ON ACTIVITY**

Dr. Simon Steel, Education Specialist, NASA Universe Forum, Harvard-Smithsonian Center for Astrophysics

[http://cfa-www.harvard.edu/seuforum/einstein/resources\\_ed.htm](http://cfa-www.harvard.edu/seuforum/einstein/resources_ed.htm)

Grade Level: Informal

10:00 – 11:00 AM **The Black Hole Explorer Game: HANDS-ON TRAINING OF ACTIVITY(IES) IN SIMULATION**

Dr. Simon Steel, Education Specialist, NASA Universe Forum, Harvard-Smithsonian Center for Astrophysics

[http://cfa-www.harvard.edu/seuforum/einstein/resources\\_ed.htm](http://cfa-www.harvard.edu/seuforum/einstein/resources_ed.htm)

Grade Level: Informal

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11:15 AM – 12:15 PM **The Black Hole Explorer Game: DISCUSSIONS ON MODIFICATIONS/ADAPTATIONS**

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Grade Level: Informal

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Wednesday, July 27th [CONTINUED]

12:15 – 12:45 PM BOX LUNCH – Pick-up & go to USSRC

**12:45 AM – 4:30 PM MSFC (need photo ID and must be wearing closed toe shoes)**

**12:45 PM** Firm departure from USSRC

**1:00 PM** Arrive at 4200 for badges

**1:15 PM** Walk to 4203 for Space Shop

**2:00 PM** Depart 4203 and travel to:

Payload Operations (Group 1)

Test Stands (Group 2)

**3:15 PM** Depart and travel to next stop:

Test Stands (Group 1)

Payload Operations (Group 2)

**4:30 PM** Depart and travel to USSRC

4:45 – 5:00 PM Daily Evaluation & Adjourn (TBD)

**7:00 – 9:00 PM NETWORKING ACTIVITY (Required / Hors d'Oeuvres will be served)**

Poster session:

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**Thursday, July 28<sup>th</sup>** [Check-out & Departure Date]

7:30 – 8:45 AM BREAKFAST (Salon E & F)

**9:00 – 11:00 AM** **Wrap-up:** Closing thoughts and Future plans/goals

11:30 AM – 1:00 PM LUNCH @ USSRC with International Space Camp Educators (pre-registration required)