

# Professional Development Day for Science Teachers

## IDEAS and the Cradle of Aviation

### November 3, 2009

8:30 – 8:50 Registration, Coffee and Tea available, or stroll the Museum

8:50 – 9:20 Welcome to IDEAS and the Cradle of Aviation, Introductions  
Keynote: Dr. Jacqueline Grennon Brooks, Director, IDEAS  
*"Science: Using What You Already Know to Learn More"*

9:30 – 10:15 Breakout session #1 - Attend one of these sessions:

**All Levels:**     **Inclusion and the Science Classroom**

**K-8:**             **MST'ing a Museum Exhibit**

All Levels:        **Real Life Science:** Veteran aviation professionals will describe their experiences working in Long Islands' evolving aviation industry as they guide participants through specific museum exhibits. Hofstra education faculty will join them to link the talks to NYS science curriculum standards.

10:15 – 10:30 Break

10:30 – 11:15 Breakout Session #2 - Attend one of these sessions:

**All Levels:**     **Differentiated Education in Science**

**K-8:**             **Engineering a Museum Exhibit: Weather at the Cradle**

All Levels:        **Real Life Science:** Veteran aviation professionals will describe their experiences working in Long Islands' evolving aviation industry as they guide participants through specific museum exhibits. Hofstra education faculty will join them to link the talks to NYS science curriculum standards.

11:20 – 12:20 Lunch – After you eat, complete and turn in a Museum Quest to qualify for prizes that will be distributed at the IMAX movie!

12:20 – 1:20 Breakout session #3 - Join one of these Gallery Tours led by Cradle Education Staff

**Cradle of Aviation Exhibits and the Science Standards: *Guided Tours of the Galleries by Grade and Curriculum***

**Groups will gather by grade and subject in the lobby – Please join one of the following groups.**

<b>K-5: General Science</b>	<b>Earth Science</b>	<b>Chemistry</b>
<b>5-8: General Science</b>	<b>Biology</b>	<b>Physics/Astronomy</b>

1:25 – 2:30 IMAX film – title to be announced  
Concluding Remarks, Dr. Grennon Brooks  
Distribution of Prizes

Post Meeting: Your name badge will qualify you for a free ride on the Carousel!

**Registration Form  
Teachers of Science K-12  
Professional Development Day**

**Tuesday, November 3, 2009**

**Cost: \$55.00 per teacher**

**IDEAS Institute  
of Hofstra University**

Dr. Jacqueline Grennon Brooks, Director  
Eloise Gmur, Project Coordinator

105 Hagedorn Hall  
119 Hofstra University  
Hempstead, NY 11549

District Representative or Teacher: \_\_\_\_\_

E-mail \_\_\_\_\_

School Address: \_\_\_\_\_

School District \_\_\_\_\_

School Telephone Number \_\_\_\_\_

**Number of teachers participating (total) \_\_\_\_\_**

By Grade level: Elementary: \_\_\_\_\_ Middle: \_\_\_\_\_ High: \_\_\_\_\_

For our planning purposes, please indicate the number of teachers who will be attending each of the following sessions (approximately):

**Breakout session #1 - Attend one of these three sessions:**

\_\_\_\_\_ *All Levels: Inclusion and the Science Classroom*

\_\_\_\_\_ *K-8: MST'ing a Museum Exhibit*

\_\_\_\_\_ *All Levels: Real Life Science: Veteran aviation professionals will describe their experiences working in Long Islands' evolving aviation industry as they guide participants through specific museum exhibits. Hofstra education faculty will join them to link the talks to NYS science curriculum standards.*

**Breakout session #2 - Attend one of these three sessions:**

\_\_\_\_\_ *All Levels: Differentiated Education in Science*

\_\_\_\_\_ *K-8: Engineering a Museum Exhibit: Weather at the Cradle*

\_\_\_\_\_ *All Levels: Real Life Science: Veteran aviation professionals will describe their experiences working in Long Islands' evolving aviation industry as they guide participants through specific museum exhibits. Hofstra education faculty will join them to link the talks to NYS science curriculum standards.*

**Payment Options:**

\_\_\_\_\_ District purchase order – MUST be received prior to event.

\_\_\_\_\_ I will bring a check, made out to Hofstra University, for the amount owed.

\_\_\_\_\_ I will call (Eloise at 516-463-5792) and provide credit card information.

Questions? Call Eloise (516-463-5792) or email her at [Eloise.K.Gmur@hofstra.edu](mailto:Eloise.K.Gmur@hofstra.edu)