



**88<sup>th</sup> Annual Meeting  
Pennsylvania Academy of Science  
Cedar Crest College – Allentown, PA  
Winds of Change: PJAS Teacher Workshop  
31 March 2012 – Da Vinci Science Center**

- Topics:**
- 1. Developing Critical Thinking Skills**
  - 2. Celebrating PA Women in Science**

**Presider: Vivian B. Coxe, Liaison for PAS/PJAS Teacher Workshop**  
[Vivian.Coxe@comcast.net](mailto:Vivian.Coxe@comcast.net)

## **Program**

### **Session I: 9:00 am – 10:30 am, Da Vinci Science Center**

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| <b>9:00 am – 9:10 am</b>   | Sign-in, meet and greet  |
| <b>9:10 am – 9:20 am</b>   | Welcome, introduction  |
| <b>9:20 am – 9:30 am</b>   | Spotlight on PA Women in Science: Sue Morgan, 6-8 Middle School Science Teacher, St. Elizabeth's Elementary School, Pittsburgh, PA |
| <b>9:30 am – 10:15 am</b>  | Sue Morgan – “A School Science Fair: Positive Outcomes for Everyone”   |
| <b>10:15 am – 10:30 am</b> | Robert B. Coxe - Ecologist, Delaware Natural Heritage and Endangered Species Program – “To Have a Control or Not”                  |
| <b>10:30 am – 10:45 am</b> | Break  |

### **Session II: 10:45 am – 12:00 pm, Da Vinci Science Center and Cedar Crest College**

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| <b>10:45 am – 10:55 am</b> | Spotlight on PA Women in Science: Rachel Carson (1907-1964) – Writer, biologist, and ecologist, *started environmental movement |
| <b>10:55 am – 12:00 pm</b> | Poster Sessions – Lee's Gym, Cedar Crest College  |
| <b>12:00 pm – 1:00 pm</b>  | Bag lunch (complimentary with registration) – Cedar Crest College near Lee's Gym  |

### **Session III: 1:00 pm – 2:30 pm, Da Vinci Science Center**

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| <b>1:00 pm – 1:30 pm</b> | Special tour of Da Vinci Science Center, meet in lobby   |
| <b>1:30 pm – 1:35 pm</b> | Spotlight on PA Women in Science: Vanoka Morris-Smith, Horticulture Teacher at Blaine School, Strawberry Mansion Environmental Learning Center, Philadelphia, PA |
| <b>1:35 pm – 2:30 pm</b> | David Smith, Ph.D, Director of Professional Development, Da Vinci Science Center - “Inquiry”   |
| <b>2:30 pm – 2:45 pm</b> | Break  |

### **Session IV: 2:45 pm – 4:00 pm, Da Vinci Science Center**

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| <b>2:45 pm – 2:50 pm</b> | Spotlight on PA Women in Science: Lena Fleming Deemer, Chemist (retired), worked with Isaac Asimov during WWII |
| <b>2:50 pm – 3:45 pm</b> | David Smith, Ph.D, Director of Professional Development, Da Vinci Science Center - “Science Notebook”          |
| <b>3:45 pm – 4:00 pm</b> | Wrap-up, Act 48 forms, evaluation, 2013 workshop   |
| <b>4:00 pm</b>           | Adjourn  |