NASA Academy of Aerospace Quality Workshop
Huntsville, AL, NASA Educator Training Facility, Room 106
Tuesday, September 1, 2015

**Agenda**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00</td>
<td>Coffee and Rolls</td>
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<tr>
<td>8:15</td>
<td>Welcome and Introductions</td>
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<tr>
<td>8:30</td>
<td>Introduction to AAQ</td>
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<td>Alice Smith, Auburn University</td>
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<td>9:00</td>
<td>Keynote Address</td>
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<td>Steve Cash, NASA</td>
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<td>10:00</td>
<td>Networking break and poster set up</td>
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<td>10:15</td>
<td>Poster presentations</td>
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1. Use of UAV in Precision Agriculture, Ganesh Bora, North Dakota State University
2. Teaching Additive Manufacturing through an Interactive Virtual Reality-based Graphics Framework, Magesh Chandramouli, Purdue University – Calumet and Simon Lui, Singapore University of Technology & Design
3. Software Quality Assurance Planning for the CAPE 3 CubeSat Mission, Paul Darby, University of Louisiana – Lafayette
4. Mechanical Design of Coronagraph CubeSat, Akbar Eslami, Elizabeth City State University
5. HERMES Rocksat-X Flight and QA Testing, Carl Hansen and Anh Ho, Capitol Technology University
6. Developing Low Cost Payloads for Balloons and Suborbital Rockets, Andy Hollerman, University of Lafayette Louisiana
8. Trapping of Space Debris using Aerogel, Alexander Petrov, Capitol Technology University
10. A Study of the Community’s Standard Systems Engineering Activities – Preliminary Results, Bungo Shiotani, University of Florida
11. Using Cubesat to Train Aerospace Engineering Workforce at a Minority Institution, Hien Vo, Universidad del Turabo

Quality Assurance Lessons Learned from 15 Years in the University Nanosat Program  
Amanda Pietruszewski, Air Force Research Laboratory  
11:15

Hi Integrity Software for CubeSats  
Carl Brandon, Vermont Technical College  
11:35

Quality Concerns in 3D Printing CubeSats  
Craig Kief, University of New Mexico  
11:55

Lunch and Networking  
12:15

Additive Manufacturing and Quality Assurance Mini-tutorial  
Andres Carrano, Auburn University  
1:15

Quality Assurance via Successive HAB Flights  
Alex Antunes, Capitol Technology University  
2:20

CubeSat Parts Lists and Supply Chain Presentation  
Kathryn Beckwith, Jet Propulsion Laboratory  
2:40

Complete Feedback Form  
3:00

Wrap Up and Adjourn  
3:30