

AIM / GLOBE / CloudSat 2006 Workshop Agenda last update July 23, 2006

Sunday July 23	Monday 24	Tuesday 25	Wednesday 26	Thursday 27	Friday 28	Saturday 29
<p>Arrival Teachers arrive at dorms before 5pm.</p> <p>2-6pm Registration: -Registration for workshop conducted in Commons Hall -GLOBE ID's given out Jones / McClurg</p> <p>7-10pm Reception at Lucy Cuddy Hall Special Guests: Astronaut Donald Pettit and AIM Mission Principal Investigator (PI) James M. Russell III</p>	<p>8:30am-9am Introductions & Logistics: Robinson/Maggi/Lini</p> <p>9am-10:30am PMCs: Astronaut Don Pettit</p> <p>10:30am – 11:15am NLCs – The miners' canary of global warning: Bailey/Russell</p> <p>11:15am-11:30 Questions, Discussion with speakers and break - Robinson</p> <p>11:30-noon A practical guide to NLCs: Mims</p> <p>Noon – 12:30 Lunch</p> <p>12:30 – 1 pm The Big Question: Is Climate Changing? Adams Climate deposition: Mims</p> <p>1pm – 3pm Electromagnetic Spectrum / Interactions with the atmosphere: Adams</p> <p>3:00– 3:30pm GPS & Google Earth: Adams</p> <p>3:30pm – 4:30:pm Getting to know your Digital Camera: Mims</p> <p>4:30 – 5:30 pm: Break</p> <p>5:45pm Dinner and Hike at Campbell Creek Nature Center: Meet in dorm lobby at 5:45pm</p>	<p>8: 30 am-9am Morning Messages: Robinson/Maggi/Lini</p> <p>9am – 9:45 am AIM: The Mission Bailey / Russell</p> <p>9:45 - Noon -What is GLOBE? McClurg - GLOBE Protocols: *Site definition *Basic atmospheric protocols *Science Ideas: Adams / Jones * Data Entry: McClurg</p> <p>12:00 – 12:30 Lunch</p> <p>12:30-3pm -Water Cycle, cloud formation: Adams/Rodgers - NLC formation: Bailey & Jones -Cloud Protocols: Adams & Jones -Cloud Id: Mims</p> <p>3pm- 4:30 pm Digital Imaging I-: Mims</p> <p>Dinner On your own</p>	<p>8: 30 am-9am Morning Messages: Robinson/Maggi/Lini</p> <p>9am- 10:45 am -Ice Core Activity: Adams</p> <p>10:45 – 12:10 Data Recovery from the GLOBE Data Base: Adams/Jones/McClurg Data Collection and Entry: Adams/Jones/McClurg</p> <p>12:10 – 12:45 Lunch</p> <p>12:45-1:30pm Evidence of Global Warming in Alaska: Deborah Williams from Alaska Conservation</p> <p>1:30-2pm The CloudSat Mission: Rodgers</p> <p>2pm-3:30pm Problem-Based Learning (PBL): Botti</p> <p>3:30 – 4:30pm Animated Gifs - Mims</p> <p>4:30-4:45 Planning Concept Animations: Adams</p> <p>Dinner On your own</p>	<p>All Day Field trip Meet in dorm lobby at 5am sharp Robinson/Maggi/Lini/Adams/Mims</p> <p>We will take a train to Seward followed by a boat trip to the Kenai National Fjords. Participants will take photos and develop virtual field trips for their students. Bring your cameras! There will be numerous opportunities to photograph scenery and wildlife for your virtual field trips.</p> <p>The train ride to Seward takes approximately 5 hours. The boat trip takes approximately 4 hours. The train ride back to Anchorage takes approx. 5 hours.</p> <p>Breakfast/Lunch/Dinner</p> <p>Breakfast: Purchase your breakfast on the train or bring your own.</p> <p>Lunch: Lunch will be provided on the boat (no cost to participants).</p> <p>Dinner: You will purchase your own dinner on the train.</p> <p>Snacks: Bring your own or purchase them on the train.</p>	<p>10:30 am Morning Messages: Robinson/Maggi/Lini</p> <p>10:30 am- Noon * Digital Image Processing – Image J * Develop a Concept Animation Product for your classroom: Adams and Mims</p> <p>Noon-12: 30 pm Lunch</p> <p>12:30-2pm Continued * Digital Image Processing * Develop a Concept Animation Product for your classroom: Adams & Mims *Spin-off: Science: Mims</p> <p>2pm-completed * Develop a local investigation (using data to answer a question): * Develop a group poster session on your investigations, that will be presented on Saturday: Adams</p> <p>6pm Farewell Dinner: Gather in dorm lobby at 5pm for dinner at Moose Tooth Pizza. We have the room from 5:30-7:30pm.</p>	<p>8: 30 am-9am Morning Messages: Maggi/Lini</p> <p>9am – 11 am Wrap up * Group Poster Presentations * Present/View concept animation products: Participants give brief group presentations of their local investigation posters and show their animations: Adams/Maggi/Lini</p> <p>11am – 11:30 Evaluation: Maggi</p> <p>11:30 Raffle: Maggi & Lini</p> <p>Noon Box Lunches available at noon to eat or take with you</p> <p><u>Workshop ends at noon today!</u></p> <p>NOTE: Teachers may choose to leave at noon or wait to leave the next day.</p>