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| **TIME** | **EVENT** | **LOCATION** |
| 8:00 – 8:45 | Registration and coffee | Lobby / south veranda |
| 8:45 – 9:15 | Welcome!  **What are the essential ingredients of successful inquiry-based teaching and learning?** Susan McKay, Professor of Physics and Director, Center for Science and Mathematics Education Research, University of Maine | Main room |
| 9:15 – 12:15 | Morning session: **How can research enhance student learning in classrooms?** | Main room |
| 9:15 – 10:10 | **Research-based Curriculum Design in Physics: Examples from two projects**. Fred Goldberg, Professor of Physics and Center for Research in Mathematics and Science Education, San DiegoState University | Main room |
| 10:10 – 10:30 | COFFEE BREAK | South veranda |
| 10:30 –11:20 | **The Environmental Chemistry Project at** **Skowhegan** **Area** **High School**.  Mary Finnemore, Chemistry teacher, Skowhegan Area High School and John Sterling Chemistry teacher, Skowhegan Area High School | Main room |
| 11:20 – 12:10 | **Teaching inquiry and teaching as inquiry**, Michelle Stephan, Mathematics teacher, LawtonChiles Middle School and The University of Central Florida | Main room |
| 12:10 – 12:30 | Overview of afternoon workshops, Molly Schauffler, Assistant Professor (adjunct), Center for Science and Mathematics Education Research and Climate Change Institute, University of Maine | Main room |
| 12:30 – 1:30 | LUNCH (buffet, sandwiches and salads) | South veranda |
| **TIME** | **EVENT** | **LOCATION** |
| 1:30 – 4:00 | Afternoon workshops – **What are some research-based strategies for using guided inquiry in teaching and learning?** |  |
|  | > **An interactive and in-depth look at inquiry mathematics**, Michelle Stephan, Mathematics teacher, Lawton Chiles Middle School and The University of Central Florida | Section A |
|  | >  **Examples of research-based guided inquiry curricula in physics**, Fred Goldberg, Professor of Physics and Center for Research in Mathematics and Science Education, San Diego State University  and John Thompson, Assistant Professor of Physics, Cooperating Assistant Professor of Education, and Center for Science and Mathematics Education Research, University of Maine | Section B |
|  | >  **Integrating technology as a tool in the course of student inquiry,** Joseph Polman, Assistant Professor of Educational Technology in the Division of Teaching and Learning, University of Missouri-St. Louis and Molly Schauffler, Assistant Professor (adjunct), Center for Science and Mathematics Education Research and Climate Change Institute, University of Maine. | Section C |
|  | >  **InterChemNet: Using a tool for laboratory learning in chemistry to investigate product claims on sunscreen**,  Francois Amar,  Associate Professor of Chemistry and Center for Science and Mathematics Education Research, University of Maine | North veranda |
| 2:30 | SNACK BREAK | South veranda |
| 4:00 – 5:30 | Open time for interest groups and informal discussion, rest or fresh air |  |
| 5:15 – 6:00 | Poster session and social hour | South veranda |
| 6:00 – 7:00 | SUPPER | South veranda |
| 7:00 – 8:30 | **Which falls faster, a soccer ball or a bowling ball?** How curriculum, social interaction and classroom norms can promote meaningful learning.  Fred Goldberg, Professor of Physics, and Center for Research in Mathematics and Science Education, San Diego State University | Main room |

Tuesday June 21

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| **TIME** | **EVENT** | **LOCATION** |
| 7:00 – 8:00 | BREAKFAST | South veranda |
| 8:00 – 10:40 | **What are the observable qualities of an inquiry-based classroom?** Using the Reformed Teaching Observation Protocol (RTOP) to recognize inquiry-based teaching.  Susan McKay, Professor of Physics and Director, Center for Science and Mathematics Education Research, University of Maine and John Thompson, Assistant Professor of Physics, Cooperating Assistant Professor of Education, and Center for Science and Mathematics Education Research, Universityof Maine | Main room |
| 10:00 – 10:15 | COFFEE | South veranda |
| 10:45 – 11:30 | **What are the challenges of adopting an inquiry-based approach in the classroom?** Designing project based science: issues in facilitating student centered inquiry.   Joseph Polman, Assistant Professor of Educational Technology in the Division of Teaching and Learning, University of Missouri-St. Louis | Main room |
| 11:30 – 12:00 | Discussion, wrap-up, evaluation | Main room |
| 12:00 | LUNCH | South veranda |