



ISS/Fair 2003

ISS/Fair 2003 Queens College/Queens High Schools SCIENCE TEACHER CAREERS PROGRAM

Principal Sponsor



Proposed School Agenda - Schedule:

- Jan 27 -Feb 28:**
- 1) Announce: **Distribute STUDENT RUBRIC** to Students.
 - 2) Initial Student Research re: Selection of Topics.
 - 3) Student first draft of research plan.
 - 4) Students submit draft of plan for review.
 - 5) Teacher returns draft of plan to students with comments.
 - 6) Students submit revised final plans to students.
 - 7) Students Project Investigations begin.
- March 3-April 18:** Student Project Investigations take place.
- April 21 - 25:** Student summation of their project work in papers and on display boards.
- April 28 - May 9:** Evaluation of Science Projects in High Schools by Teacher Committees. Using the ISS/Fair Assessment Rubric, teachers select the 5 best projects of their school to be exhibited at Queens College.
- May 14: Queens College:**
Investigative Science Symposium/Fair [ISS/Fair] for Spring 2003 of best school projects are exhibited at Queens College - New Science Building, Includes visits to College research laboratories, luncheon and an **Awards Ceremony for students, teachers and parents.**

General Criteria:

- * Limited to **ninth and tenth graders only**.
- * Students may work on projects alone or in pairs (**no more than 2 students per project**).
- * **Restrictions on research categories:** Student Projects are **Hands-on, Minds-on investigations**.
No Internet Search projects. No Projects with human subjects including No questionnaires.
- * **Projects with animals** must follow school research guidelines.
- * **ISS/Fair 2003 Standards-Based Rubric** for teacher and student reference will be widely distributed.
- * Submitted projects should include a display board with Data and also include a Project Abstract of a page or so including: Title in the form of the Question investigated, procedure followed, conclusions and new questions.

Suggested Investigative Subjects: - you are **not** limited to these:

The subjects of investigations may range over the **student s urban environment**: qualities of air, water, space, traffic and housing, behavior of plants, animals and birds; **simple objects**: liquids, pendula, springs, the interactions of light with lenses, mirrors, in solids, liquids or gases; the **transfer of heat energy**, solar energy and energy efficiencies in the home, the City or transportation.

The ISS/Fair 2003 Planning Committee

Mark Miksic, Co-Organizer, Queens College
Diane Pillersdorf, Co-Organizer, Queens HS
Thomas Streckas, Dean, Math and Sciences QC
Steve Schwarz, Asst. Dean Math & Sciences QC
Steve Berman, Bayside High School
Susan Brustein, Townsend Harris HS

Norman Cohn, Franklin K. Lane HS
Michael Renna, Hillcrest High School
Robert Soel, John Bowne HS
Janice Sutton, Springfield Gardens HS
Omar Sharafeddin, Benjamin Cardozo HS

FOR MORE INFORMATION CALL: Mark Miksic at 718-997-3379 or Diane Pillersdorf at 718-281-7524