Dear WISE Students, Faculty, Alumnae and Friends:

I hope you all enjoyed your summer. Most of you had very rewarding experiences over the summer, as you will see by reading the article “Summer Experiences of WISE Students” in this edition. I am pleased to welcome the new incoming class, too. This year’s class is made up of 50 talented women with interests ranging from anthropology to psychology, biomedical engineering to biochemistry. Our new students hail from New York State, Ohio and Rhode Island.

I have had the pleasure of working with some of the upper division WISE students to plan a great event for new students in WISE, Honors and University Scholars. The “Amazing Race” is being held on September 29 at various locations around campus. Students will have the chance to compete for prizes (such as tickets from the Staller Center and the Wang Center), all the while learning about campus and getting to know key people from the University. This is a great way to bring the top students together!

WISE is having our annual Welcome Back Dinner and Scholarship Reception for all of the WISE students as well as friends and supporters on October 25, 2005 in the Wang Center. We will be welcoming back all the new and current students and recognizing our scholarship winners. Our keynote speaker is Dr. Jane Zimmer Daniels of the Clare Boothe Luce Program. Four WISE Students have been named CBL scholars, and will receive full tuition plus expenses for their junior and senior years. Other foundations granting scholarships to WISE students are Citigroup, Keyspan and LISTNet.

Attention Alumnae: Get involved in WISE again! Take our online survey, and let us know what you’ve been up to since graduation! The survey is at: www.wise.sunysb.edu/survey.htm. We’d love to hear from you! Join our Alumnae Board and have your voice heard in planning the future of WISE! Come back to campus and inspire the women following in your footsteps.

**Did You Know . . .**

. . . WISE students are at the top of the list for scholarship awards? Because WISE seeks out numerous ways to support and encourage the students in our program, we look for as many sources of scholarship funding as we can find! We are always seeking to offer more and more scholarships by reaching out to the community and letting them know about the talented and motivated students who would appreciate their support.

WISE will be offering a valuable series of workshops to assist in the scholarship application process. Students will learn about how to write a winning essay, tips about how to ask for a letter of recommendation, and how to craft and polish a resume. The first workshop will be held on September 27, and highlight some of the premier national scholarships. For a complete listing of the current scholarships available and previous winners, see inside this newsletter.
Scholarships, Internships & Opportunities

For details on application procedures and deadlines, please contact the WISE Office at 631-632-6947.

- **Citigroup Foundation**
  - Winter Internship (12 paid positions)
  - $6000 Scholarship Awards (Three)
  - Travel Awards (Amounts and number of awards varied)

- **Long Island Business News**
  - $2000 (Five)

- **LISTnet**
  - $2500 Lisa Award (Two)
  - Diamond Award (One)

- **Battelle Award**
  - $5000 Summer Research (Two)

- **Sam and Rose Berezin**
  - NYS Tuition (approx. $4300) (One)

- **Keyspan Foundation**
  - $2000 (Five)

- **Anne Sayre Prize**
  - $500 (One)

- **Clare Boothe Luce Program**
  - Two years’ tuition plus expenses (Four)

Congratulations To These Recent Winners!

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<th>AWARD</th>
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<tr>
<td>Anne Sayre Prize</td>
<td>Varsha Jain</td>
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<td>Barry M. Goldwater</td>
<td>Sara Goldgraben</td>
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<td>Battelle Award</td>
<td>Jessica Newman</td>
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<td>Citigroup Scholarship</td>
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<td>Citigroup Scholarship</td>
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<td>Clare Boothe Luce</td>
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<td>Clare Boothe Luce</td>
<td>Nina Schatz-Siemers</td>
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<td>Gelfond Scholarship</td>
<td>Danielle Cavaliere</td>
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<td>Keyspan</td>
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<td>LISA Award</td>
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<td>LISA Award</td>
<td>Azure Hansen</td>
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Citigroup Continues Its Support of WISE

This year the Citigroup Foundation has given us $30,000 in support for the program. These funds will go towards mentoring, programming, professional development, graduate assistants and more. Peter Remch, Director of Client Services Technology, and Patricia A. David, Managing Director, Head of Diversity, Global Corporate and Investment Bank, have been strong supporters of WISE and our continued mission to support young women in traditionally underrepresented careers. If you are interested in computers, finance, or engineering, please take advantage of the amazing opportunities that Citigroup provides.

Winter Internships: Citigroup is offering 12 paid internships during the winter break. Apply for this great opportunity to experience first-hand what it is like to work in the corporate world. Learn from mentors and meet with high-level company officials. Many WISE students continue working at Citigroup part-time during the remainder of college and after.

SPOTLIGHT ON...

Jessica Newman won the Battelle award for summer research at Brookhaven National Lab. She’s seen here working on a weather resistant antenna design. She and other scientists worked on developing models to aid in capturing radio signals from far-away places! Her advisor, Helio Takai, says, “Jessica is a talented student, demonstrated lots of initiative, and her contribution to the project was extremely important. We asked her to design, simulate and build an antenna for our radio receivers. In our project we search for possible radio reflections of ionization trails left by ultra high energy cosmic rays. The antenna designed by Jess showed that a certain class of antennas is what we need for the experiment. The result of her work will allow us to design a proper antenna for our experiment. Needless to say that I am very happy with the outcome.”
Diamond Awards

Every year LISTnet (Long Island Software & Technology Network) and the Long Island Technology Center provide support to women who excel in engineering and technology. This year the Diamond Awards Breakfast is being held on November 1, 2005 at LISTnet’s headquarters in Great River. All proceeds and contributions raised at the event will be donated to WISE. One scholarship to a deserving WISE student will be presented at the event. For details and to apply, contact Doreen in the WISE office before October 1.

The Mission of the Diamond Awards is to increase awareness and support educational and career opportunities for women in technology and related fields on Long Island. Two Diamond Awards will be presented: one to a female entrepreneur and one to a WISE student.

The entrepreneurial award will be given to an exceptional woman in business who demonstrates outstanding achievement in technology or science. This year’s Diamond Award is being presented to Diane Brink, a vice president of IBM.

The student scholarship will be awarded to a deserving WISE student who has demonstrated commitment to engineering, technology or science.

High School WISE

Students from four local high schools, Comsewogue, Mt. Sinai, Port Jefferson, and Riverhead, meet on campus throughout the year as part of WISE’s High School Program. The students participate in activities with faculty, staff, and students from various departments on campus to promote their interest in science, math and engineering. Last year these activities included a cruise aboard the Marine Sciences Research Vessel, Seawolf, where Captain Steve Cluett showed everyone some techniques modern oceanographers use to research water quality and marine life. In another activity, Dr. George Hart (Computer Sciences) helped students build a 4-D model, and demonstrated how he combined his interests in art and computer science to shape a very unique career.

Each year individual college students in WISE have the opportunity to work with the high school students. This upcoming year, members of the Student Leadership Council plan to conduct a Tie Dye Tee Shirt event, and join in another activity with Dr. Hart. If you have an interest in working with the high school students either in a group activity or in a more individualized way, please contact WISE’s High School Coordinator, Sharon Pavulaan at (631) 632-3282 or through email at Sharon.Pavulaan@stonybrook.edu.

WISE Highlights

Junior Mentors: WISE congratulates nine outstanding women who have been named this year’s Junior Mentors. In their position they will guide the first year students along the academic roadmap of college life. It’s a challenging and rewarding journey for both mentors and mentees. The junior mentors for 2005-2006 are: Sailaja Akella, Rachel Fischer, Varsha Jain, Sanga Lee, Caroline Park, Tania Revolus, Nina Schatz-Siemers, Amanda Vreeland and Yue Xin Zeng.

Thank you! to Dean Yacov Shamash, Assistant Dean Joan Kenny, the WISE Working Group, and the Friends of WISE Board for all the tremendous support during the past year! We would also like to thank Ann Sutton, John Noe, Clint Rubin, Mariana Savoca, and the many other faculty and staff who work hard to make WISE a terrific program!

Important Dates and Deadlines: Student Leadership Council Meeting: Sep. 14; Scholarship Workshop: Sep. 27; Amazing Race: Sep. 29; Long Island Business News Scholarship: Oct. 7; Welcome Back Dinner: Oct. 25; Diamond Awards: Nov. 1; Conflict Management Workshop: Nov. 8; Academic Advising: Nov. 16; Citigroup Travel & Professional Development Award: November 30. Check our website for updates: www.wise.sunysb.edu!
Summer Experiences of WISE Students

Azure Hansen did research under a grant from the National Science Foundation Research Experience for Undergraduates (NSF-REU). She worked in a Bose-Einstein condensate lab at the University of Rochester’s Optics Institute.

Danielle Cavaliere spent the summer at Columbia University studying and working in their medical center. In addition to medical studies, Danielle returned to Stony Brook campus to participate in the Learning Communities Summer Service Academy in which local high school students learn by doing in the field of social work.

Jessica Newman performed research at Brookhaven National Laboratory under the Battelle prize. She worked with researcher Helio Taki of BNL’s Physics Department on cosmic ray research. (See page 2 for more.)

Helen Modik worked with Dr. Klein in Stony Brook’s Department of Psychology researching temperament in three-year-olds. She also worked in the Dean of Students’ office.

Jessica Tupper worked in the lab of Dr. Maureen O'Leary of Stony Brook University, researching whale and artiodactyls systematics on an anatomical database project called Morphobank.

Erika Kalabacas traveled to Alaska with Stony Brook Researcher Dr. Bell to conduct ongoing research. Returning to Stony Brook, she continued to work in Dr. Bell’s lab on her own URECA fellowship project.

Sheena Joseph and Puspa Sari were offered internships at Brookhaven National Lab working on chemical and molecular engineering projects.

Rachel Fischer returned to the same lab she worked in last summer for an internship performing research at Sloan Kettering (MSKCC).

Kimberly Odynocki was in Massachusetts at Worcester Polytechnic Institute for a ten week REU project with WPI’s Department of Biology and Biotechnology Professor Pamela Weathers.

Mariana Karavolias continued her research in the Wound Healing Lab of Stony Brook scientist Dr. Richard Clark. She worked with WISE alum, Shazia Rana, on studying blood sugar and skin cells. Mariana also took a summer class and volunteered at the hospital. She was awarded a Howard Hughes Medical Research Fellowship to pursue her research with Dr. Clark in the fall.

Michelle Pesce spent a month in Costa Rica working on a conservation service project. She also helped collect data for a Tufts University research project called Seanet which studies relationships between environmental factors and population fluctuations of shore birds.

Diane Lu continued her research in the lab of Dr. Gail Mandel of Stony Brook’s Department of Neurobiology. She was awarded a URECA fellowship to study MeCP2. Her previous contributions to a project in Dr. Mendel’s lab were published in the May 2005 edition of Cell.

Anita Singh returned for an internship with Flack & Kurtz, a Manhattan engineering firm where she interned last summer. Using AutoCAD, she designed heating, ventilation and air conditioning (HVAC) systems for buildings.

Anna Ruvinskaya interned at Credit Suisse Asset Management in the Fixed Income department.

Lisa Lazare attended summer classes after having completed an internship with Disney World during the year.

Yen Mei Keng performed research in the Biomedical Engineering Department with Dr. Judex of Stony Brook University, continuing the research that she had worked on since this past December.

Jennifer O’Loughlin worked on campus doing research for Dr. Thanassi in the Centers for Infectious Disease in the Center for Molecular Medicine, studying a molecular and genetic pathway for viral infection.

For questions or comments about this newsletter, please contact Doreen Aveni at 631-632-6947 or Doreen.Aveni@stonybrook.edu