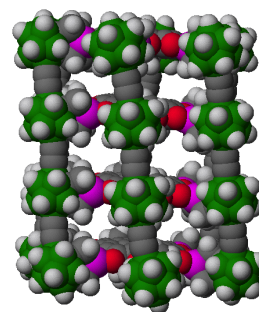


**SYRACUSE UNIVERSITY
PROJECT ADVANCE
URP 150/250]
TEACHER ORIENTATION**



Course Website at <http://supa.syr.edu/Subjects/>

2022 WORKSHOP SCHEDULE UNDERGRADUATE RESEARCH PROGRAM (URP)

Sunday, July 10, 5:00pm – 6:30pm – Reception (Optional), Sheraton Syracuse University Hotel.

	Morning	Lunch	Afternoon
Mon. (7/11)	<p>8 AM; CHE and URP: (Sheraton University Restaurant) Breakfast, Registration, Orientation and Welcome Breakfast (Attendance Required) Syracuse University Sheraton Hotel & Conference Center, 801 University Ave.</p> <p>10:00-10:45: CHE and URP: (LSB 001) Introductions and background info (<i>Prof. Jim Spencer and Mike Sponsler</i>), SU Chemistry and Forensics)</p> <p>11:00 AM – 1:00 PM, CHE and URP:(Bird Library) Gen. overview of Syracuse University Libraries (<i>Patrick Williams, SU Librarian</i>)</p>	1:15-2:15: OPEN LUNCH	<p>2:30 PM – 4:30; URP: (Room LSB 001) Research and materials for URP (<i>Prof. Mike Marciano</i>)</p>
Tues. (7/12)	<p>8:30 AM – 10:00 AM: CHE and URP (LSB 001), Emily Beck, Registration and <i>Dr. Melanie Nappa Carroll</i>. Admin. Issues and Overview of SUPA Course, Syllabus, Textbooks, Exams, Grading, and Procedures.</p> <p>10:15 AM – 11:45 - CHE and URP, (LSB 001) Brief Overview of SUPA URP and Chemistry Programs (<i>Profs. Jim Spence and Mike Sponsler</i>). LSC 001</p>	12:00 PM-1:45: REU Chemistry Program Talks and lunch, CST 1-019	<p>2:00 – 4:00 PM: CHE and URP: (LSB 001) Melissa Whipps: Grant Writing.</p> <p>4 PM: CHE and URP: SUPA “Picnic” (Schine Student Center, Panasci Lounge).</p>

SCHEDULE (Continued)

	Morning	Lunch	Afternoon
Wed. (7/13)	9:00 AM – 9:45; CHE and URP (Room LSB 001) Continue Program Summary. Textbooks, Exams, Grading, Procedures, General Overview; methods, and concepts; Powerpoint slides; etc. (<i>Prof. Jim Spencer</i>) CHE and URP: 10:00 AM – noon: (LSB 001) Panel presentations by SUPA HS Teachers: <i>Sarah Maine</i> (ESM HS) <i>Ed Oliver</i> (1000 Islands HS) <i>Beth Burns</i> (Fairport HS) <i>Todd Hilt</i> (CNY HS)	12:00-1:30 PM: OPEN LUNCH	1:45 – 3:45 PM – URP: (LSB 001) Establishing URP in HS (<i>Dr.</i> <i>Matt Schuchman, Clarkstown</i> <i>N HS, SUPA URP Faculty</i>) Departures from Campus (4 PM)
URP ONLY Thurs. (7/14)	URP ONLY (Note: This session is <u>Virtual via Zoom</u>) 9:00 AM – 9:45; (Virtual via Zoom) Other URP Program Information and Introduction to Teachers Panel (<i>Prof.</i> <i>Jim Spencer and Mike Sponsler</i>) 10:00 AM – 12:00; Teachers panel: (Virtual via Zoom) <i>Hannah O’Leary</i> (Rachel Carson HS) <i>Daniel Layer</i> (Pelham Lab HS) <i>Elizabeth Stephens</i> (Mahopac HS)		

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<p>Prof. James T. Spencer, Ph.D., Syracuse University</p> 	<p>Professor. PhD. Iowa State University 1984, Postdoctoral Fellow, University of Virginia 1984-1986; Chancellor's Citation for Excellence, Distinguished Achievement Award in Boron Science, 2000; Laura J. and L. Douglas Meredith Professor and Exec. Dir., Forensic and National Security Science Institute (FNSSI). Research directed toward aspects of main group cluster chemistry including nanoscale molecular systems, photochemistry, Forensic Science and solid-state chemistry.</p>	<p>Phone: 315-443-3436 FAX: 315-443-4070 Email: jtspence@syr.edu web: http://ascascade.syr.edu/profiles/pages/chem-dev/Spencer-James.html</p>
<p>Prof. Michael Sponsler, Ph.D., Syracuse University</p> 	<p>Professor. Organic and Organometallic Chemistry, Ph.D. California Institute of Technology, 1987, Postdoctoral Fellow, Univ. California Berkeley. Dir. of Curriculum, Forensic and National Security Science Institute (FNSSI). Research is aimed toward new and useful materials, including optical and electronic materials and components for molecular electronic devices. Investigations into the synthesis and electronic properties of new types of conjugated organometallic complexes.</p>	<p>Phone: 315-443-4880 FAX: 315-443-4070 Email: sponsler@syr.edu Web: http://ascascade.syr.edu/profiles/pages/chem-dev/Sponsler-Michael.html</p>
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Why SUPA

Why SUPA? - Syracuse University's Project Advance (SUPA) is a cooperative effort between Syracuse University and high schools throughout the Northeast that provides qualified high school students with the opportunity to enroll in challenging Syracuse University courses that are offered in their own schools. We strongly believe that our courses through Project Advance provide an enormous advantage to college-bound students. In an effort to let you know about this program, some of the primary reasons why we feel that our offerings through Project Advance are so valuable to both teachers and students are briefly summarized below:

Student Credit Acceptance and Transfer Rate – Students who successfully complete SUPA courses receive a regular Syracuse University transcript recording their credit that is identical to that of a main campus student. Importantly, students enrolled at over 500 institutions nationally have reported that Project Advance has a greater than 92% actual success rate in transferring credit to other colleges and universities. This is in marked contrast with other programs, such as AP, where the reported success rate is approximately 49%. In the relatively unusual cases where students have trouble transferring SUPA credit, the Project Advance office can often effectively help students in obtaining credit.

Full Credit Transfer – The Project Advance URP course provides a full up to 8 credits. Students with these SUPA credits typically receive the complete compliment of credits when they transfer. Additionally, success in the SUPA course is determined over an entire year of testing and evaluation, rather than based solely upon a single examination.

Teacher Seminars – Project Advance runs a unique course-specific seminar for teachers in the program. These seminars typically involve presentations by forefront researchers in the field.

Training and Support – New teachers of the SUPA courses are provided with detailed training in the summer to facilitate their offering of the course. Complete instructional materials and course information, along with in-depth discussions, are provided at these training sessions. [Teachers may also take this training, at reduced rate, for Syracuse University graduate credit.]

Inexpensive Credit - Project Advance courses are probably the least expensive credits a student will ever receive. Currently, Project Advance students pay ca. \$115 per credit (in comparison with over \$2,200 per credit on campus and with community colleges well over \$150 per credit). In addition, limited emergency tuition assistance is available for eligible students who are unable to manage even these costs.

Administrative Support – Project Advance has a large, full time support staff of professional administrators and faculty to administer and oversee the program. Currently, about 6,600 students are enrolled in SUPA classes annually involving approximately 500 teachers in 140 high schools.

Classroom Visitations – Each semester that a course is offered, faculty visit each and every high school classroom and interact directly with the students to answer their questions and to provide insights into forefront research in the field. Additionally, SUPA program administrators meet with the teachers and high school administrators to address any questions or concerns during these visits.

University Curriculum and Exams – Each semester, materials are provided to ensure the close tie between the high school offering and the main campus course. The curriculum for the courses are completely comparable to similar courses offered at universities nationwide.

Project Advance “History” – Project Advance recently celebrated its 40th anniversary, making it one of the oldest national co-enrollment programs. Importantly, it is also one of the most honored programs and has received awards from the National Commission of Excellence in Education, the National Institute of Education, the Carnegie Foundation for the Advancement of Teaching, and the American Association of Higher Education. Project Advance has also served as a model for similar programs at such institutions as Indiana University, the University of North Carolina, Pittsburgh University and the University of Wisconsin, among many others.

As mentioned above, Project Advance provides many important services to the high schools including in-service training for high school instructors, a continuing forum for communication between educators from both school and university settings, and extensive ongoing research and evaluation in an effort to systematically improve instruction. As an aside, Project Advance is a not-for-profit auxiliary unit of Syracuse University and is neither used as a profit-making center nor a recruiting tool for Syracuse University. Project Advance primarily serves New York, New England and the Mid-Atlantic States.

Both teachers and students that have participated in SUPA have very high regard for the program. For example, in a recent study, 95% of Project Advance graduates highly recommended SU courses offered through the SUPA program and 96% of principals felt SUPA helped students develop more realistic expectations of college work. Furthermore, 92% of teachers reported they have significantly benefited from exposure to new ideas and developments in their discipline because of their SUPA involvement.

For additional information, please contact either Prof. Jim Spencer, Chemistry Department, at (315) 443-3436 [jtsponce@syr.edu] or Dr. Melanie Carroll, SUPA Program Administrator, at (315) 443-2404 [msnappa@syr.edu] or visit the website at www.supa.syr.edu.

Why SUPA for Students?

(Syracuse University Project Advance)

By taking a SUPA course, a student can earn college credit while still in high school!

The SUPA course sounds expensive – why should I pay that?

At only \$115 per credit, it's actually a great value!

Consider:

- The same credit earned on the SU campus costs nearly 20 times more!
- Even analogous credits taken at a community college cost more – about 50% more!

But can I use SUPA credit at the colleges I am considering?

Yes! The success rate for transferring the credit is >90%!

- Your chances are even higher if you ask for help if needed.
- A student's chance of getting credit from an AP course is much lower, <50%!

But I think my chances with AP are good. I'm sure I'll get a 4 or a 5.

A score of 4 or even 5 is not a guarantee that you will get credit.

- Even if you get credit, it is often less than the full credit for the course – or it may be credit for a lower level, similar course.
- With SUPA, the credit is for the entire course.
- And with SUPA, your success does not depend on a single exam!

But I have never heard of SUPA before – I want something established.

SUPA has been a leader in concurrent enrollment for >40 years!

Consider:

- 95% of students who have completed a SUPA course recommend the course to other students.
- 96% of principals of schools with SUPA courses believe that the courses help prepare their students to succeed in college.
- Check SUPA out for yourself – go to <http://supa.syr.edu>!