



## External Advisory Board Members

### James DiLorenzo, PhD '67

Paratek Microwave,  
New Hampshire  
Tel.: (617) 834-1165  
Email: djames664@gmail.com

### Kevin Koch, BS '83

Drug Discovery Biogen-Idec,  
Massachusetts

### John Piwinski, BS '76

JJPiwinski Consulting,  
New Jersey  
Tel.: (908) 735-7280  
Email: jjojn@mac.com

### Jeonghoon Sun, PhD '00

Celgene Corporation,  
New Jersey  
Email: jesun@celgene.com

## Did Stony Brook Chemistry make a difference in your life?

Many of us have done some really interesting and unexpected things since Stony Brook, but aside from immediate friends and family, no one knows about them! To help strengthen the connections between those of us who have graduated, and those of us who will be soon out in the world at large, we were recently invited to return to the [Chemistry Department](#) as [External Advisory Board](#) members. Likewise, you may not know about all the exciting things that have happened at Stony Brook since you left! We discovered all sorts of new developments that have occurred. Here are some recent highlights:

- The [Chemistry Department](#) fills 10,000 seats in its classes every year, and has approximately 300 chemistry majors, 200 chemistry graduate students, and 20 postdoctoral fellows.
- The Old Chemistry building is gone!! It has been transformed and expanded into classrooms and has a new name: Frey Hall. Teaching labs were relocated into the former Chemistry library in the Chemistry building (aka GradChem).



## CONNECT TODAY!

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(SBUChemistry Alumni)

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[ChemistryAlumni@stonybrook.edu](mailto:ChemistryAlumni@stonybrook.edu)

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[Chemistry Department](#)

website for more information.

- Javits Lecture Hall still exists, but faculties don't lecture in there anymore. They teach! [Active learning methods](#) are used to engage students in problem solving during class. Learning is guided with the help of undergraduate learning assistants (ULAs). They are so important that an endowment was established to award the LJ Altman Teaching Fellow to the lead ULA (out of ~70) in organic chemistry each year.
- SBU Chemistry developed drugs have entered clinical trials for glioblastoma, a type of brain tumor, and pulmonary arterial hypertension. SBU researchers are actively identifying new targets for treating diseases ranging from MRSA to cancer. To further enhance and facilitate the collaboration of research faculty in Chemistry with other departments at SBU, Professor Ojima established the [Institute of Chemical Biology and Drug Discovery](#) (ICB&DD) in 2004. The extent of collaborative research across SBU is impressive.
- SBU Chemistry developed materials that have applications in energy transfer, energy storage, and solar conversion. Studies to address why they work, and why they sometimes fail, for example, lithium batteries, are an active area of research at SBU.
- Eleven new faculty have joined the [Chemistry Department](#) in the last 3 years! Most recently, the department hired Melanie Chiu who will undertake polymer synthesis for applications in materials science and organic semiconductor technologies, and Chris Johnson who will address challenges in atmospheric chemistry and climate change. Both are starting in Fall 2014 as assistant professors.
- Prof [David Walt](#), PhD '79 (F. Johnson) will receive an honorary Doctor of Science from the SUNY Trustees on May 22. Prof Walt is a prolific inventor and is best known for his pioneering work in fiber-optic microarray technology to solve biological problems of detection like DNA sequencing and cancer diagnosis.

Prospective students and recent grads would love to know what you are doing, as would the current Chemistry faculty. Connect back to Chemistry at Stony Brook University today!