Chemistry Department Boasts Six Awards and New Faculty

Columbia's chemistry depart-
ment has come to many
renowned chemists, among
them Nobel Laureates Harold
Urey, the discoverer of deuterium,
a form of hydrogen, and Edward
Kimball, a pioneer in the study of
cortical steroids, hormones produced by
the adrenal cortex. Louis Hammel,
the father of physical chemistry
and Victor L'Allem, a pioneer in
the physical chemistry of colloidal
systems were longtime members
of the department as well. So it's
no surprise that the department's
award-winning legacy continues
as the department brings its cutting-
edge research into 21st century. So
far this academic year, six members
of the faculty have been singled
out for prominence, an indicator of
the department's health, three new faculty
members have been recruited and three assisted
professors have been pro-
moted to tenured this year.

"The Department of Chemistry
consists of an extraordinary group
of people, its stature in the scientific
world is that eight professors in the depart-
ment are members of the National
Academy of Sciences, almost one
quarter of the members from all of
Columbia University," said Bruce
Berne, Eugene Higgins Professor of
Chemistry and chair of the depart-
ment.

Louis Brus, professor of chemis-
try and chemical engineering,
won the 2005 American Chemical
(ACS) Award in Organometallic
Chemistry for 2005, sponsored by
the Dow Chemical Company.
Koji Nakanishi, Centennial
Professor of Chemistry, has
joined the department as pro-
fessor emeritus of Chemistry
and special research scientist in
Columbia's chemistry department,
will receive the 2009 Herbert C.
Brown Award for Creative Research
in Synthetic Methods. This award
was established to recognize "out-
standing and creative research" in
this particular area of organic chem-
istry in synthetic Methods. This award
was established to recognize "out-
standing and creative research" in
this particular area of organic chem-
istry. He has received awards from
the Academy of Sciences. Brus also will
join the department as professor of
chemistry, and has been awarded the 2004
Te-

trelode Prize for Creativity in Organic Chemistry.
The prize is for his research on the
makeup of cancer-caus-

ing and anti-cancer can-

siderable progress in developing new catalysts
that accelerates the rate of a chemical
reaction. These results have been useful in developing new catalysts
that enable chemical
reactions to occur while maintaining basic benefit-
ning themselves. For his work, he will receive the
ACS Award in Organometallic Chemistry for 2005, sponsored by
the Dow Chemical Company Foundation.

Gilbert Stork, Eugene Higgins
Professor of Chemistry and
department chair

"One measure of [the chemistry
department's] stature in the scientific
world is that eight professors in the
department are members of the
National Academy of Sciences, almost
one quarter of the members from all of
Columbia University." — Bruce Berne.

Professor Emeritus of Chemistry
and special research scientist in
Columbia's chemistry department,
will receive the 2009 Herbert C.
Brown Award for Creative Research
umber of annual rent increases
above inflation.
Noting some large cost increases
in the IRE budget, the report objected to rent hikes that "burden
the tenants with the expenses of
debt service (nearly $17 million in
2004-05), an increase of more than
20 percent) that result from the
upgrading of sub-standard buildings
which Columbia has acquired over
the years."
Columbia is more than ever
dependent on favorable housing
arrangements for its faculty, admin-
istrators and graduate students," the
report said toward the end. "As far
rent policies are concerned, the
University appears to have no
policy beyond squeezing as much
as possible from its tenants without
provoking a widespread protest."
Stork said: "Our committee has seen
how the current economic situation
has affected the university and
what we believe are abuses. For
example, it is unrealistic to expect
new senior research officers, with a lab
and perishable samples, to find a
new institution to move to on short
notice. He called for a nummum
notice period for researchers with
some years of service, a period that
would increase in length with seniority. Other goals for
the researchers' group include an
increase in committee seats for the
Senate's recently enlarged
research delegation, new titles for
research officers, and a formal
guarantee function like the one
mandated for the Faculty Affairs
Committee.

Student council cochair Nathan
Walker added that student research
officers will work this year both in
Columbia Senate and with students from
colleges around the country,
to promote the idea of a National
Tuition Endowment (NTE), to be
drafted from interest charged on
college loans. The campaign will
culminate in lobbying efforts in
Washington next spring for legisla-
tion establishing an NTE.

Sen. Jennifer Waldron (Ten., Law)
spoke briefly to a late annual report
that had been circulated for
Student Senate. She sum-
marized a wide variety of solutions
offered in inconclusive committee
discussions last year to the Senate's
longstanding difficulties in assem-
bling a workable budget. The Senate
needed to amend its by-laws, includ-
ing a "call of shame" listing chronic absences.

The Senate held its last general
case December 14, with 56 of 95 senators
present, even though the group had
nothing to vote on and despite the
absence of eight of the administra-
tion's nine senators, including
President Lee Bollinger.

The Senate meets next on Friday,
Dec. 22, at 11.00 p.m. in 501
Schechter House. Anyone with a CUB
is welcome. Most Senate docu-
ments are available on the Web at
www.columbia.edu/cu/senate.

From the Senate

University Senate Opens 36th Session

By Thomas Mathison

The Senate opened its 36th
annual session squarely on
Sept. 24, with reports from the
Committees on Housing Policy, Research Officers, Student Affairs and Senate Structure
and Operations.

Chairman (Stu., GS) standing
in for Housing Policy Chairman
William Harris, summarized a late
2003-04 annual report from that
committee. Its latitude was one
thing, the report which previewed
the timing and rationale of the
gasoline rent increases announced
for 2004-05 by the Columbia's Office of
Institutional Research (OIR) in
2004-05. Because of the timing of
the budget process last spring, the
report said, "the central administra-
tion in effect hampered the timely
votation in the Committee and the Senate rent increases.
The report said the hikes—3 to 5 per-
cent on average—were based on
rent increases at the University
and staff, 5.75 percent for students—
were higher than gasoline sales
increases for faculty and research
officers and were the latest in a
series of annual rent increases

"One measure of [the chemistry
department's] stature in the scientific
world is that eight professors in the
department are members of the
National Academy of Sciences, almost
one quarter of the members from all of
Columbia University." — Bruce Berne.

Professor Emeritus of Chemistry
and special research scientist in
Columbia's chemistry department,
will receive the 2009 Herbert C.
Brown Award for Creative Research
in Synthetic Methods. This award
was established to recognize "out-
standing and creative research" in
this particular area of organic chem-
istry. He has received awards from
the Academy of Sciences. Brus also will
join the department as professor of
chemistry, and has been awarded the 2004
Te-

trelode Prize for Creativity in Organic Chemistry.
The prize is for his research on the
makeup of cancer-caus-

ing and anti-cancer can-

siderable progress in developing new catalysts
that accelerates the rate of a chemical
reaction. These results have been useful in developing new catalysts
that enable chemical
reactions to occur while maintaining basic benefit-
ning themselves. For his work, he will receive the
ACS Award in Organometallic Chemistry for 2005, sponsored by
the Dow Chemical Company Foundation.

Gilbert Stork, Eugene Higgins
Professor of Chemistry and
department chair

"One measure of [the chemistry
department's] stature in the scientific
world is that eight professors in the
department are members of the
National Academy of Sciences, almost
one quarter of the members from all of
Columbia University." — Bruce Berne.

Professor Emeritus of Chemistry
and special research scientist in
Columbia's chemistry department,
will receive the 2009 Herbert C.
Brown Award for Creative Research
in Synthetic Methods. This award
was established to recognize "out-
standing and creative research" in
this particular area of organic chem-
istry. He has received awards from
the Academy of Sciences. Brus also will
join the department as professor of
chemistry, and has been awarded the 2004
Te-

trelode Prize for Creativity in Organic Chemistry.
The prize is for his research on the
makeup of cancer-caus-

ing and anti-cancer can-

siderable progress in developing new catalysts
that accelerates the rate of a chemical
reaction. These results have been useful in developing new catalysts
that enable chemical
reactions to occur while maintaining basic benefit-
ning themselves. For his work, he will receive the
ACS Award in Organometallic Chemistry for 2005, sponsored by
the Dow Chemical Company Foundation.

Gilbert Stork, Eugene Higgins
Professor of Chemistry and
department chair

"One measure of [the chemistry
department's] stature in the scientific
world is that eight professors in the
department are members of the
National Academy of Sciences, almost
one quarter of the members from all of
Columbia University." — Bruce Berne.

Professor Emeritus of Chemistry
and special research scientist in
Columbia's chemistry department,
will receive the 2009 Herbert C.
Brown Award for Creative Research
in Synthetic Methods. This award
was established to recognize "out-
standing and creative research" in
this particular area of organic chem-
istry. He has received awards from
the Academy of Sciences. Brus also will
join the department as professor of
chemistry, and has been awarded the 2004
Te-

trelode Prize for Creativity in Organic Chemistry.
The prize is for his research on the
makeup of cancer-caus-

ing and anti-cancer can-

siderable progress in developing new catalysts
that accelerates the rate of a chemical
reaction. These results have been useful in developing new catalysts
that enable chemical
reactions to occur while maintaining basic benefit-
ning themselves. For his work, he will receive the
ACS Award in Organometallic Chemistry for 2005, sponsored by
the Dow Chemical Company Foundation.

Gilbert Stork, Eugene Higgins
Professor of Chemistry and
department chair

"One measure of [the chemistry
department's] stature in the scientific
world is that eight professors in the
department are members of the
National Academy of Sciences, almost
one quarter of the members from all of
Columbia University." — Bruce Berne.