

9-19-2005

## William Klemperer Visit

Phi Beta Kappa

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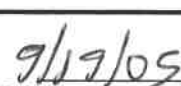
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**THE CULTURAL AFFAIRS/DISTINGUISHED  
LECTURE SERIES COMMITTEE  
GRANT APPLICATION**

PROVIDE 10 (TEN) COPIES, INCLUDING THE ORIGINAL.  
PLEASE PLACE A COPY OF THIS COVER SHEET ON TOP OF EACH COPY

I. Applicant/Organization:	
II. a. Responsible Organization Officer: Howard Segal	
b. Title: President	
c. Campus Address (include EMail and Telephone): 200B Stevens Hall, 581-1920, howard.segal@umit.maine.edu	
III. Summary of program requiring funding (title; featured artist(s); speaker(s); scheduled date (s): A Phi Beta Kappa Visiting Scholar will give a public talk of general interest on the occasion of the Phi Beta Kappa annual initiation ceremony (April 13, 2004). The speaker, Prof. William Klemperer of Harvard University will also interact with students and faculty during his two-day visit.	
<b>Expand in fuller detail, a supporting statement with <u>detailed, itemized budget</u>. Funding for current application is contingent upon submission of detailed budget and attendance report for any previous years' grants.</b>	
IV. a. Total funding required for program:	\$ 1200
b. Amount committed by applicant organization:	\$ 100
c. Amount committed by	\$
d. Amount requested from other funding sources	\$ 700*
e. Amount requested of Cultural Affairs/DLS Committee:	\$ 400
Signature of responsible organization officer/date:	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">             SIGNATURE         </div> <div style="text-align: center;">             DATE         </div> </div>

\*See budget attached.

SEND COMPLETED APPLICATION TO: CULTURAL AFFAIRS COMMITTEE  
C/O PRESIDENT'S OFFICE  
200 ALUMNI HALL, CAMPUS

\$400

## A Phi Beta Kappa Visiting Scholar, Spring 2006

Submitted by Howard Segal and François G. Amar  
For the University of Maine Chapter of Phi Beta Kappa

The University of Maine Chapter of Phi Beta Kappa requests funding to help support the visit of a Phi Beta Kappa Visiting Scholar in the Spring of 2006. The Visiting Scholar, Professor William Klemperer of Harvard University will engage with students and faculty during a two day visit. On April 13, 2006 he will give a lecture of interest to a general audience, free, and open to the public. The lecture, entitled, "*The Chemistry of the Universe*," will take place in conjunction with  $\Phi$ BK's annual induction ceremony and so an audience of several hundred students, parents, and faculty is assured.

$\Phi$ BK is the premier undergraduate honor society in the Liberal Arts, admitting the top members of the junior and senior classes at institutions around the country. Each year a scholar of national renown is invited to congratulate and encourage the initiates with a lecture on a subject of broad general interest.

During his visit, Professor Klemperer will also give a public lecture oriented to the scientific community within the physical science disciplines. His title for this talk is, "*Making and Breaking Weak Bonds: Intermolecular Forces*." Support for the visit will be partially provided by the College of Liberal Arts and Sciences, the Department of Chemistry, the Department of Physics and Astronomy, and the University of Maine Chapter of  $\Phi$ BK. With the payment of a \$300 fee to the national office, the scholar's airfare and honorarium are no longer a local responsibility. We request \$400 from CA/DLS to assist with lodging, room fee, and publicity expenses (flyers & student newspaper ad).

### Budget for the Spring 2006 Phi Beta Kappa Visiting Scholar

<b>Expenses</b>	
Fee to national $\Phi$ BK	\$ 300
Lodging	\$ 300
Meals	\$ 150
Publicity	\$ 100
Room fee	\$ 100
<u>Public Reception</u>	<u>\$ 250</u>
Total expenses	\$1200

<b>Income</b>	
CLAS	\$ 500
Chemistry Dept.	\$ 100
Physics Dept.	\$ 100
$\Phi$ BK	\$ 100
<u>Requested of CA/DLS</u>	<u>\$ 400</u>
Total income	\$1200

## A Phi Beta Kappa Visiting Scholar, Spring 2006 Final Report (6/12/2006)

Submitted by Howard Segal and François G. Amar  
For the University of Maine Chapter of Phi Beta Kappa

The University of Maine Chapter of Phi Beta Kappa hosted Visiting Scholar, Professor William Klemperer of Harvard University on April 13 and 14, 2006. In connection with Phi Beta Kappa's induction ceremony for new members, held at 3 PM on April 13 at the Buchanan Alumni House, Prof. Klemperer gave a talk of general interest entitled, "*The Chemistry of the Universe*," to an audience of about 80 students, parents, alumni, and faculty and staff.

The next day (see schedule next page) Prof. Klemperer did a lecture/discussion with a physical chemistry class (CHY 475), addressing about 20 students and faculty. He then spoke informally with students in the Honor College and then in Chemistry, meeting with about 12 students. His final presentation of the visit was a research talk given at 3 PM on April 14 entitled *Making and Breaking Weak Bonds: Intermolecular Forces*." This talk was attended by about 45 research students, faculty, and staff from several departments. Prof. Klemperer also met individually with four faculty members and their research groups in science and engineering departments.

The College of Liberal Arts and Sciences provided \$500 to pay for the National Phi Beta Kappa office fixed fee for arranging for a Visiting Scholar and covered airfare and travel expenses for the scholar. Local meal expenses and food for post-lecture receptions (~ \$350) were provided by the Departments of Chemistry, Physics, and the local Chapter of Phi Beta Kappa. Two nights stay (\$119.90 total) at the Black Bear Inn were charged to CA/DLS. We were fortunate to come in under our overall budget and to have charged less to CA/DLS than projected. Our thanks to CA/DLS for their support.

<b>Expenses</b>		<b>Source</b>
Speaker Fee	\$ 500	Phi Beta Kappa & CLAS
Meals	\$ 200	Phi Beta Kappa & Chemistry
Lodging	\$ 119.90	CA/DLS
<u>Public Reception</u>	<u>\$ 150</u>	Phi Beta Kappa & Physics
Total Expenses	\$ 969.90	

## Schedule for Prof. Bill Klemperer, April 12-14, 2006

Arrival Wednesday, April 12, 2006, 8:30 PM BIA, staying at Black Bear Inn

### Thursday, April 13

8:30AM Pick up at Black Bear Inn, F. Amar  
9 AM Dean Astumian (Bennett Hall)  
10AM Dave Neivandt (Jeness Hall)  
11 AM Howard Patterson (Aubert Hall)  
Noon Lunch  
1:30 PM  
2:00 Open time  
3:00 PBK Induction, Buchanan Alumni House  
Public Lecture: **The Chemistry of the Universe**  
6:00 PM Dinner with PBK officers, guests.

### Friday, April 14

8:30AM Pick up at Black Bear Inn, F. Amar  
9:00-9:45 Jay Rasaiah (Aubert Hall)  
10:00AM CHY 475 (428 Aubert) Class lecture and discussion  
11:30 AM Discussion/luncheon with Honors Students, Colvin Hall  
(Seeing with Spectroscopy)  
1:45PM Discussion with undergraduates in chemistry and physics, Aubert Hall  
(grad schools, etc...)  
3:00PM Research Talk: **Making and Breaking of Weak Bonds: Intermolecular Forces** (Arthur St. John Hill Auditorium, ESRB)  
4:30 PM To BIA for 5:35 flight

**$\Phi$ BK and the  
Departments of Chemistry and Physics  
present two talks by**



**Dr. William Klemperer**  
Erving Research Professor of  
Chemistry at Harvard University

**OF GENERAL INTEREST:  
THURSDAY, APRIL 13, 2006 AT 3:00 PM**

**The Chemistry of the Universe**

COMBINED WITH THE INDUCTION CEREMONY FOR NEW  $\Phi$ BK MEMBERS—BUCHANAN  
ALUMNI HOUSE, UNIVERSITY OF MAINE

**MORE SPECIALIZED:  
FRIDAY, APRIL 14, 2006 AT 3:00 PM**

**The Making and Breaking of Weak Bonds: Intermolecular Forces**

ARTHUR ST. JOHN HILL AUDITORIUM  
ENGINEERING AND SCIENCE RESEARCH BUILDING

Support of the College of Liberal Arts and Sciences and the  
Cultural Affairs/Distinguished Lecture Series is gratefully acknowledged.