

11-22-2002

## Phi Beta Kappa Visiting Scholar

University of Maine Chapter of Phi Beta Kappa

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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: University of Maine Chapter of Phi Beta Kappa

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 17, 2003). The speaker, Prof. William P. Reinhardt of the University of Washington will also interact with students and faculty during his two day visit.

Expand in fuller detail, a supporting statement with detailed, itemized budget. Funding for current application is contingent upon submission of detailed budget and attendance report for any previous years' grants.

IV. a. Total funding required for program: .....>\$1200  
b. Amount committed by applicant organization: .....> 100  
c. Amount committed by/requested of (please indicate which) other funding sources: .....> 700\*  
d. Amount requested of Cultural Affairs/DLS Committee: .....> 400  
\*see budget page, attached.

Signature of responsible organization officer/date: Howard Segal JA 11/22/02  
SIGNATURE DATE

SPACE BELOW FOR COMMITTEE USE:

\$ 400

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

## A Phi Beta Kappa Visiting Scholar, Spring 2003

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 2003. The Visiting Scholar, Professor William P. Reinhardt of the University of Washington will engage with students and faculty during a two day visit. On April 17, 2003 he will give a lecture of interest to a general audience, free, and open to the public. The lecture 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 Reinhardt will also give a public lecture oriented to the scientific community within the physical science disciplines. Support for the visit will be partially provided by the College of Liberal Arts and Sciences, the Departments of Physics and Chemistry, and the University of Maine Chapter of  $\Phi$ BK. With the payment of a \$300 fee to the national office, the scholars 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 2003 Phi Beta Kappa Visiting Scholar

#### Expenses

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

#### Income

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

***Cultural Affairs Committee***  
***including the***  
***Distinguished Lecture Series***  
***200 Alumni Hall***  
***University of Maine***

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December 5, 2002

To: Howard Segal

From: Kathleen March & François Amar, Co-Chairs

On behalf of the Cultural Affairs Committee, including the Distinguished Lecture Series, it gives me great pleasure to inform you that your proposal, Phi Beta Kappa Visiting Scholar, has been awarded \$400.00. **Please contact Wanda Legere at 1-1516 before your event takes place to arrange for disbursement of award funds.** Note: Reception and University of Maine System payroll expenses are not reimbursable through this award.

Please note that acknowledgment of the *Cultural Affairs Committee* is required on all promotional materials. **A budget report must be submitted at the conclusion of your event and will be considered for future funding requests.** It is assumed that projects are completed within 12 months, therefore, any remaining balance will be returned to the Committee account for further distribution unless otherwise notified.

The Committee notes that it does not fund more than 50% of the amount for any given program. It also asks applicants to consider the most reasonable honoraria possible, as there may not be funding for the higher amounts.

We, the members of the Cultural Affairs Committee, congratulate you and wish you much success on this project.

**Report on the visit of Dr. William Reinhardt, PBK lecturer  
April 15 - 18, 2003  
Submitted by François Amar and Howard Segal (4/23/2003)**

Professor Reinhardt arrived late in the evening on Tuesday, April 15. He met with Chemistry faculty and discussed their research and the department's work in Chemical Education on Wednesday, April 16. He met with Physics and Chemistry faculty, including a tour of LASST on Thursday. He also met with a group of about 8-10 students in the Honors College for lunch that day. His Phi Beta Kappa lecture, "Chaos, the Birth of a New Science" on Thursday afternoon was by all accounts the best attended and best lecture ever in the series with approximately 70 people in attendance. On Friday, April 18, 2003, he gave two talks, one primarily for undergraduates with about 50 people in attendance: "Schrödinger's Cat is Alive and Well: Quantum Mechanics in the Large". His Chemistry/Physics colloquium, "The 2001 Nobel Prizes in Physics: an Introduction to the Gaseous Bose Einstein Condensate," that afternoon drew an audience of about 60 people. He also spent several hours talking the Physics Education Research group on Friday.

A few quotes from students who attended his Friday morning lecture:

"I recognized the use of Schrodinger's equation, the Pauli exclusion principle, and the Heisenberg uncertainty principle. Clearly, objects as large as human beings behave as classical objects. The thought of creating large objects that behave quantum mechanically was foreign to me before today...It was pleasure to hear Professor Reinhardt's presentation. His enthusiasm and optimism was enjoyable"

"Professor Reinhardt's guest lecture was very enjoyable and easy to listen too. He spoke to us on our level and did not try to talk over our heads. Many times it seems that guests who come to speak try to prove their intelligence by using vocabulary that students do not know or topics that we are not familiar with, but Prof. Reinhardt used words and concepts that he knew we could understand.