

## **SURA Fellowships and Sabbatical Support, 2006**

SURA annually awards eight fellowships, including one for FEL related research, and up to two awards for sabbatical support-- to students and faculty from SURA member universities for research at JLab.

In 2006 SURA received 19 applications for fellowships (including three FEL related) and one for sabbatical support from a member university (James Dunne from Mississippi State).

The SURA Fellowship Selection Committee recommendations for eight fellowship awards in 2006 are reflected in the chair's letter to Jerry Draayer. The Committee was also asked to review the application from Dr. Dunne for sabbatical support and recommended approval.

In addition, with the approval of the Executive Committee, SURA has awarded sabbatical support to Alex Dzierba, Indiana University, who will be a JLab Distinguished Visiting Fellow. Dr. Dzierba plays a key role in the 12-GeV upgrade project.

The Fellowship Selection Committee membership is the same as 2005:

- Thomas Clegg, Chair, University of North Carolina
- Gordon Cates, University of Virginia/Chair, JLab User Group Bd
- Gerard Gilfoyle, University of Richmond
- John Sutherland, East Carolina University
- Robert Welsh, William & Mary/Head, JLAB Student Affairs Office



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March 21, 2006

Jerry P. Draayer, President  
Southeastern Universities Research Association  
1201 New York Avenue, NW, Suite 430  
Washington, DC 20005

Dear Jerry:

I write to report on the deliberations of this year's SURA Fellowship Committee. Yesterday in a short conference call which Hugh Loweth arranged, Gordon Cates of UVa, Bob Welsh of William & Mary and JLab, Jerry Gilfoyle of Richmond, John Sutherland of East Carolina, and I thoroughly discussed the 19 applications which SURA received in this year's Fellowship competition. Our prior evaluations had already revealed strong consensus, and the committee rapidly selected eight finalists to receive awards.

The eight students selected to receive the 2006 Fellowships are:

Nathan Baillie of Wm&Mary, (Advisor: Griffioen)  
Nathan Baltzell of USC, (Advisor: Tedeschi)  
Panying Chen of UMd, (Advisor: Ji)  
Michael Holloway of UMd, (Advisor: O'Shea)  
Aidan Kelleher of Wm & Mary (Advisor: Averett)  
Julliette Mammei of Va Tech, (Advisor: Pitt)  
Andrew Puckett of MIT, (Advisor: Bertozzi)  
Xin Qian of Duke (Advisor: Gao)

Of this group, Baltzell, Kelleher, and Qian were all repeat applicants. They are recommended by this year's committee to receive a second year of Fellowship support. Holloway is an FEL scientist; the committee notes that his proposed research into beam diagnostic techniques could also have impact on the wider JLab accelerator physics program. The committee is pleased that this group contains one female applicant; Juliette Mammei's proposal was strongly endorsed by all on the committee.

The overall quality of the candidates selected for these fellowships remains very high, which speaks well of the attractiveness both of JLab and of its physics program for such high-quality

student talent. We are confident that the students recommended above for awards will carry the SURA and JLab flags well. SURA can be pleased to have its name associated both with them and their research.

As was true last year, I learned new physics from reading these fellowship application materials. The exercise was again interesting for obtaining an up-to-date glimpse at the Jlab experimental program. Through the lens of these students and their projects, it looks healthy indeed.

Please contact me if you need further information to finalize this year's award selection process.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Tom', with a long horizontal flourish underneath.

Thomas B. Clegg  
V. Lee Bounds Professor of Physics  
and Chair, SURA Fellowship Committee

cc: Hugh Loweth