

# Weekly Bulletin

Research School of Physics and Engineering



**Volume 34 Number 48**  
**12 – 18 December 2008**

## **FROM THE DIRECTOR'S OFFICE**

The Director will be away from the University from Friday 12 December – Friday 9 January inclusive, chairing the ARNAM Workshop followed by annual leave. Professor Ken Baldwin will be Acting Director from 12 – 24 December and Professor Brenton Lewis from 5 – 9 January.

## **The John Carver Seminar Series 2008**

Congratulations to our winners:

The John Carver Prize 2008 – Mr Maurits Evers  
The Director's Prize 2008 – Mr Artur Davoyan  
The Dean's Prize 2008 – Ms Hannah Joyce

## **SCHOOL SEMINARS**

### **Nuclear Physics Seminar** **Monday 15 December 2008**

11.15am

“Isomers and the NEEC process”

by Professor Phil Walker, University of Surrey,  
UK

The Nuclear Physics Seminar Room  
All Welcome

### **Theoretical Physics Seminar** **Thursday 18 December 2008**

11.00am

“M2 branes, Chern-Simons Matter theories and  
RG flows”

by Dr Nick Halmagyi (CNRS, Paris)

Theoretical Physics Seminar Room, Le Couteur  
LC3.17

### **Nuclear Physics Seminar** **Monday 22 December 2008**

11.15am

“Mirror Symmetry and Prompt Proton Decay”

by Professor Claes Fahlander, Lund University,  
Sweden

The Nuclear Physics Seminar Room  
All Welcome

## **AWARDS**

Congratulations to Sean Hodgman from the Atomic and Molecular Physics Laboratories who was awarded the best overall poster at the Australian Institute of Physics 18th National Congress last week in Adelaide for his work on the measurement of the metastable lifetime of Helium.

Congratulations also to Professor Lew Chadderton from the Atomic and Molecular Physics Laboratories who was awarded (with Dr Brian Senior from OTRAD Pty Ltd) the prestigious 2008 “W.H. Memorial Medal and Prize” from the Australian Gemmological Association of Australia for their outstanding contribution on “Natural Gamma Radioactivity and Exploration for Precious Opal in Australia” The Australian Gemmologist, Volume 23, No 7 2008 160-176).

## **GRANTS AND AWARDS**

### **National Research Council**

Program Number: 01045

Title: Research Associateship Programs--Armed  
Forces Radiobiology Research Institute

E-mail: [jnyquist@nas.edu](mailto:jnyquist@nas.edu)

Program URL:

<http://nrc58.nas.edu/pgasurvey/data/aobooks/rapbooks.asp?mode=frentmtr&progctr=15&seq=20>

The sponsor provides opportunities to outstanding scientists and engineers at recent postdoctoral and experienced senior levels for tenure as guest researchers at participating laboratories. Awardees must hold the PhD, ScD, or other earned research doctoral degree recognized in US academic circles as equivalent to the PhD. Awards of up to one year are available. An annual stipend is awarded.

**Deadline(s): 01/02/2009**

**01/05/2009**

**01/08/2009**

**01/11/2009**

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?01045](http://australia.infoed.org/spin/spin_prog.asp?01045)

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## National Research Council

Program Number: 01613

Title: Research Associateship Programs--Federal Highway Administration/Turner-Fairbank Highway Research Center

E-mail: [ebasques@nas.edu](mailto:ebasques@nas.edu)

Program URL:

<http://nrc58.nas.edu/pgasurvey/data/aobooks/rapbo oks.asp?mode=fntmtr&progctr=27&seq=20>

The sponsor provides opportunities to outstanding scientists and engineers at recent postdoctoral and experienced senior levels for tenure as guest researchers. Awardees must hold the PhD, ScD, or other earned research doctoral degree recognized in US academic circles as equivalent to the PhD. Awards of up to one year are available. An annual stipend is awarded.

Deadline(s): 01/02/2009

01/05/2009

01/08/2009

01/11/2009

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?01613](http://australia.infoed.org/spin/spin_prog.asp?01613)

## National Research Council

Program Number: 01632

Title: Research Associateship Programs--Center for Devices and Radiological Health (Temporarily Suspended)

E-mail: [jnyquist@nas.edu](mailto:jnyquist@nas.edu)

Program URL:

<http://nrc58.nas.edu/pgasurvey/data/aobooks/rapbo oks.asp?mode=fntmtr&progctr=32&seq=20>

Temporarily Suspended. The sponsor provides opportunities to outstanding scientists and engineers at recent postdoctoral and experienced senior levels for tenure as guest researchers. Awardees must hold the PhD, ScD, or other earned research doctoral degree recognized in US academic circles as equivalent to the PhD. An annual stipend is awarded.

Deadline(s):

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?01632](http://australia.infoed.org/spin/spin_prog.asp?01632)

## National Research Council

Program Number: 01639

Title: Research Associateship Programs--Naval Medical Research Center/Naval Health Research Center

E-mail: [jnyquist@nas.edu](mailto:jnyquist@nas.edu)

Program URL:

<http://nrc58.nas.edu/pgasurvey/data/aobooks/rapbo oks.asp?mode=fntmtr&progctr=56&seq=20>

The sponsor provides opportunities to outstanding scientists and engineers at recent postdoctoral and experienced senior levels for tenure as guest researchers. Awardees must hold the PhD, ScD, or other earned research doctoral degree recognized in US academic circles as equivalent to the PhD. A cash stipend is awarded.

Deadline(s): 01/02/2009

01/05/2009

01/08/2009

01/11/2009

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?01639](http://australia.infoed.org/spin/spin_prog.asp?01639)

## National Research Council

Program Number: 05444

Title: Research Associateship Programs--National Institute for Occupational Safety and Health

E-mail: [jnyquist@nas.edu](mailto:jnyquist@nas.edu)

Program URL:

<http://nrc58.nas.edu/pgasurvey/data/aobooks/rapbo oks.asp?mode=fntmtr&progctr=53&seq=20>

The sponsor provides opportunities to outstanding scientists and engineers at recent postdoctoral and experienced senior levels for tenure as guest researchers. Awardees must hold the PhD, ScD, or other earned research doctoral degree recognized in US academic circles as equivalent to the PhD. An annual stipend is awarded.

Deadline(s): 01/02/2009

01/05/2009

01/08/2009

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01/11/2009

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?05444](http://australia.infoed.org/spin/spin_prog.asp?05444)

## **National Center for Research Resources/NIH/DHHS**

Program Number: 89641

Title: Networks and Pathways Collaborative Research Projects (R01)

E-mail: [sheeleyd@mail.nih.gov](mailto:sheeleyd@mail.nih.gov)

Program URL:

<http://grants1.nih.gov/grants/guide/pa-files/PA-07-266.html>

The sponsors offer support for research project grants that will leverage and complement the ongoing technology development being pursued in the National Technology Centers for Networks and Pathways (TCNPs), a program of the NIH Roadmap for Medical Research. These collaborative projects should focus either on addressing a challenging biological problem using the technology developed in one or more of the TCNPs, or on the development of technology that will complement that which is being developed in the centers. Applicants may request support for their own work as well as supplemental support for components pursued in the participating TCNP. This program will use the NIH Research Project (R01) award mechanism. <S2S>

Deadline(s): 07/01/2009

05/02/2009

07/05/2009

05/06/2009

07/09/2009

## **DEADLINE NOTE**

The deadlines for receipt of standard R01 applications under this announcement are: February 5, June 5, and October 5 annually. The deadlines for receipt of AIDS-related applications are: January 7, May 7, and September 7 annually. This program will expire on September 8, 2009.

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?89641](http://australia.infoed.org/spin/spin_prog.asp?89641)