

1609 Golden Aspen Drive
Suite 101
Ames, IA USA 50010

web: www.krellinst.org
phone: 515-956-3696
fax: 515-956-3699

September 26, 2011

RE: Prestigious Graduate Fellowship – Now Accepting Applications

Dear Colleague:

I am writing today to inform you of an exciting opportunity for doctoral students to earn up to four years of financial support while pursuing degrees in fields of study that utilize high-performance computing to solve complex problems in science and engineering. This unique experience allows students to collaborate with the Department of Energy (DOE) laboratories and one another – all the while establishing themselves as members of the larger scientific community that will play an important role in their professional careers.

Jointly funded by the DOE's Office of Science and the National Nuclear Security Administration, the Department of Energy Computational Science Graduate Fellowship (DOE CSGF) program was established in 1991 as part of an effort to address the shortage of computational scientists in the United States. Now celebrating its 20th year, this program has successfully trained the next generation of leaders in computational science and engineering, supporting more than 250 students at over 50 universities since its inception.

Applications for the next class of fellows are due on or by January 10, 2012, and your help in promoting the opportunity at your institution would be much appreciated. Please display the enclosed poster announcing the 2012-2013 DOE CSGF program in a high traffic area that will get the most attention from students and advisors. Also, I urge you to identify your best and brightest students and personally encourage them to apply.

For more information regarding the fellowship – and to access the online application – visit <http://www.krellinst.org/csgf>. As always, I welcome you to contact me with any questions, and I thank you for your support of this important program.

Best regards,

A handwritten signature in black ink, appearing to read "Mary Ann Leung".

Mary Ann Leung, Ph.D.
Program Manager - DOE CSGF

Enclosures



Department of Energy

Computational Science Graduate Fellowship

The Department of Energy Computational Science Graduate Fellowship (DOE CSGF) program provides outstanding benefits and opportunities to students pursuing doctoral degrees in fields of study that utilize high-performance computing to solve complex problems in science and engineering. Now celebrating its 20th anniversary, the fellowship has driven the expansion of computational science, encouraging its acceptance as the “third pillar” of scientific discovery.



BENEFITS

- \$36,000 yearly stipend
- Payment of all tuition and fees
- Yearly conferences
- \$5,000 academic allowance in first year
- \$1,000 academic allowance each renewed year
- 12-week research practicum
- Renewable up to four years

APPLY ONLINE

The DOE CSGF program is open to senior undergraduates or students in their first or second year of doctoral study. Access application materials and additional information at:

www.krellinst.org/csgf



U.S. DEPARTMENT OF
ENERGY

Office of
Science



APPLICATIONS DUE JANUARY 10, 2012

IMAGES

TOP: Shock waves in a rocket nozzle with a turbulent boundary layer. 150M grid point simulation of a plenum nozzle showing incoming turbulent boundary layer as it passes through the bottom lambda shock and forms a large separated region. Image courtesy of Britton Olson, DOE CSGF fellow; work completed at Lawrence Livermore National Laboratory.

MIDDLE: Judith Hill (DOE CSGF alumna) is a research and development associate in the computational math group at Oak Ridge National Laboratory.

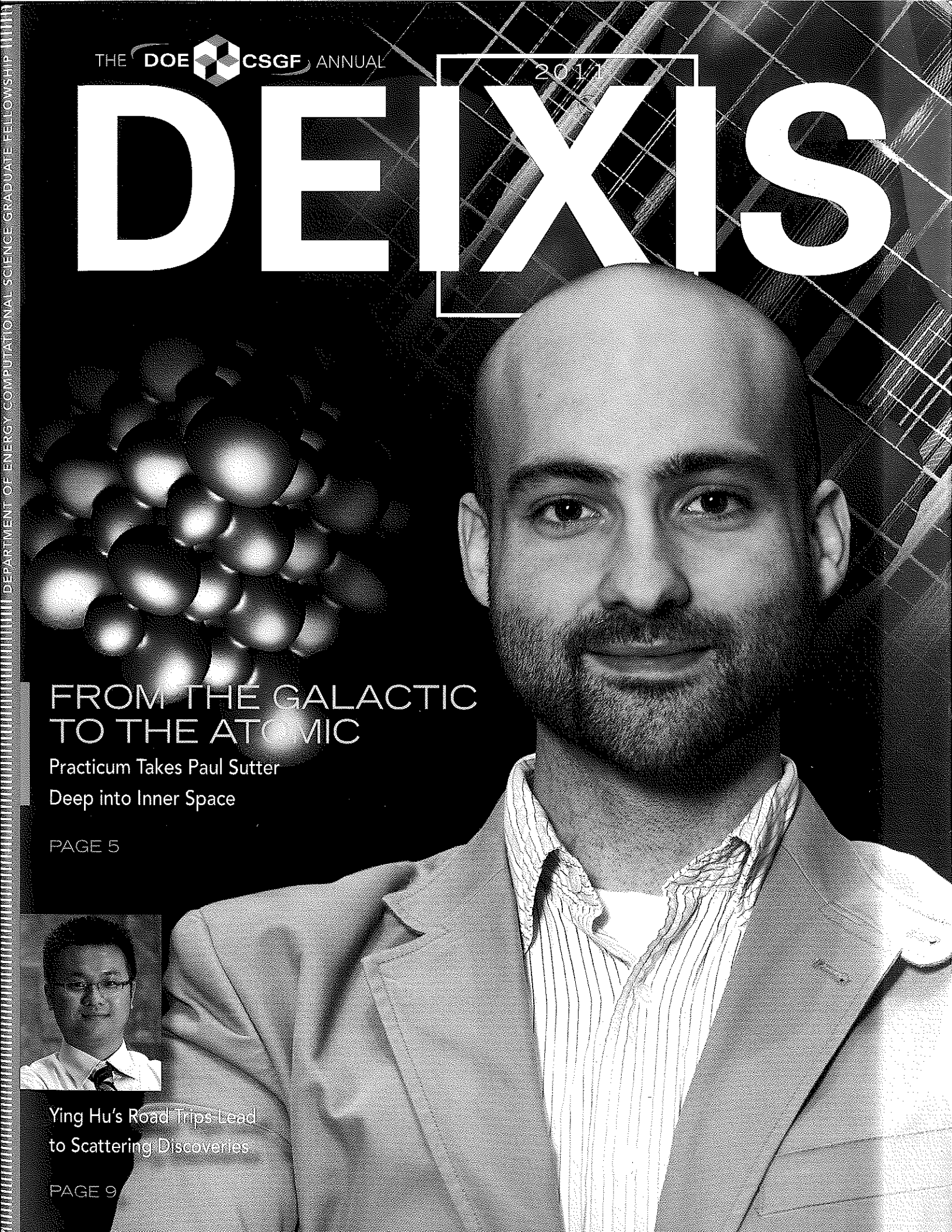
BOTTOM LEFT: Asegun Henry (DOE CSGF alumnus) is a fellow at the DOE Advanced Research Projects Agency - Energy.

BOTTOM RIGHT: Oliver Fringer (DOE CSGF alumnus) is an assistant professor of civil and environmental engineering at Stanford University.

FOR MORE INFORMATION

Krell Institute
1609 Golden Aspen Drive, Suite 101 | Aprax, IA 50010
email: csgf@krellinst.org | www.krellinst.org/csgf

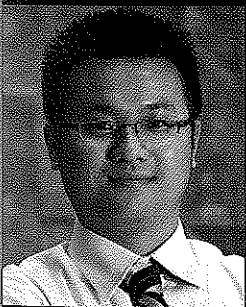
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FROM THE GALACTIC TO THE ATOMIC

Practicum Takes Paul Sutter
Deep into Inner Space

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Ying Hu's Road Trips Lead
to Scattering Discoveries

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