2013 WEEKLY BULLETIN
DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY
EVANSTON, ILLINOIS
October 21, 2013

Tuesday, October 22:	*Faculty Seminar: Teri Odom* Tech, K140 12:00-1:00 pm
Wednesday, October 23:	*Association for Women in Chemistry Seminar* The McCormick Tribune Center, 1870 Campus Drive 1:00-3:00pm
Thursday, October 24:	*Organic Seminar: Timothy F. Jamison* Ryan 4003 4:00-5:00pm
Friday, October 25:	*Inorganic Seminar: Francois P. Gabbai* Tech, K140 4:00-5:00pm

For full schedule, including Center events, please see the Department Calendar:
http://www.chemistry.northwestern.edu/events/calendar.html

BIP
Meets every Friday at 3:00pm in Tech K140

Arrivals
Jeffrey Brodin joined the Mirkin Group
Ferdinand Melkonyan joined the Marks Group
Magdalena Owczarek joined the Stoddart Group
Matthew Reuter joined the Ratner Group

Opportunities

The Department of Chemistry and Biochemistry at Loyola University Chicago The Department of Chemistry and Biochemistry invites applications for a tenure track position at the Assistant Professor level in inorganic chemistry. Applicants from all areas of inorganic chemistry will be considered. A Ph.D. degree and postdoctoral experience in chemistry or in a closely related field are required. The successful candidate will be expected to maintain an internationally competitive, externally funded research program and participate in undergraduate- and graduate-level teaching. The Department offers PhD, MS, and ACS approved BS degrees. For more details about the department, visit http://www.luc.edu/chemistry. Candidates should complete an online application at www.careers.luc.edu, with a cover letter, a *CurriculumVitae*, and a detailed description of research and teaching interests. Applicants should provide the names and email addresses of three individuals prepared to speak to their professional qualifications for this position. Review of applications will begin on November 15, 2013 and applications will be accepted until the position is filled. Underrepresented minorities and women are especially encouraged to apply. *Loyola University Chicago is An Equal Opportunity/Affirmative Action Employer*.

The Department of Chemistry at The University of Pennsylvania The School of Arts and Sciences at the University of Pennsylvania in Philadelphia, PA invites applications for a tenure-track assistant professorship in the chemical sciences. This appointment will be the first in a cluster of three hires across the natural sciences focused on energy science.
The successful candidate will mount an innovative program of fundamental scientific research geared toward

solving societal energy challenges. The successful candidate will also forge collaborative links with Penn scientists and engineers involved in energy research and participate actively in the future recruitments as the cluster hire initiative progresses. It is anticipated that some of the candidate's teaching will be of broad interest to students beyond chemistry in another of the natural sciences (Biology, Physics, and/or Earth and Environmental Science). The University of Pennsylvania is an Affirmative Action/Equal Opportunity Employer and is strongly committed to establishing a diverse faculty:
http://www.upenn.edu/almanac/volumes/v58/n02/diversityplan.html
Applicants must apply online at http://facultysearches.provost.upenn.edu/postings/28.
Required application materials include: curriculum vitae including a list of publications, and a description of proposed research. Applicants should also submit the names and contact information of three individuals who will provide letters of recommendation. Review of applications will begin on October 14, 2013 and will continue until the position is filled.

The Rowland Institute at Harvard/Rowland Junior Fellows Program is seeking applications for Junior Fellowships for the 2014 academic year. We seek the best young experimentalists in all fields of science and engineering. The Rowland Junior Fellowship provides an opportunity to work in the rich intellectual environment at Harvard and the surrounding area, while establishing an independent program.

Dr. Edwin Land founded the Rowland Institute in order to foster high-risk, creative research. In 2002, the Rowland Institute became part of Harvard with the mission of advancing the careers of experimental scientists and engineers at an early career stage by providing them with the opportunity to establish an independent research program. In the tradition of Dr. Land, we are particularly interested in young scholars with the potential to establish a ground-breaking research program in their chosen field.

The Rowland Junior Fellowships are restricted to experimentalists at an early career stage (not more than three years beyond the receipt of the doctorate). Fellowship awardees will receive funding for salary and research expenses, including support for a postdoctoral researcher, research operating costs, and equipment. The Rowland Institute also provides technical support from permanent staff. All Fellows are also allocated their own laboratory space.

The term of the fellowship is for up to five years, with terms beginning between July 1 and September 30. The stipend for Rowland Junior Fellows will be upwards from $65,000 per year, depending on the candidate's experience. Fellows must have completed their doctoral degrees prior to starting their term at the Rowland Institute at Harvard.

Applicants should submit a 1-page research proposal, a 2-page curriculum vitae (CV) and arrange for three letters of recommendation to be sent. The proposal and CV should be sent via US mail; letters of recommendation may be either mailed or sent electronically to rjf@rowland.harvard.edu. *The deadline for the application is Nov. 15, 2013.* No applications postmarked after this date will be accepted.

Dr. Michael M. Burns
Rowland Junior Fellows Program
Rowland Institute at Harvard
100 Edwin H. Land Boulevard
Cambridge, MA 02142 USA

Questions on the program should be directed to rjf@rowland.harvard.edu. Further information about the Rowland Institute can be found at http://www.rowland.harvard.edu. Harvard University is an Affirmative Action/Equal Opportunity employer.

The Department of Chemistry and Biochemistry at Florida State University seeks to fill a tenure-track faculty position at the Assistant Professor level beginning August 5, 2014. The Department is particularly interested in individuals with research interests in organic synthesis and/or chemical biology. Appointees will be expected to develop a vigorous, externally supported research program and to teach both undergraduate and graduate courses. Successful candidates will have a Ph.D. and postdoctoral training in a relevant field.

The department will begin to evaluate application materials November 1st, 2013. The search process will continue until the position is filled.
Please apply online with curriculum vitae, statements of teaching and research philosophy, and the names of five references.
Questions can be e-mailed to the Search Committee at organicsearch@chem.fsu.edu.
The Florida State University is a Public Records Agency and an Equal Opportunity/Access/Affirmative Action employer, committed to diversity in hiring.

The Department of Chemistry at The University of Tennessee, Knoxville (UTK) invites applications for a tenure track assistant professor position in the area of Computational Chemistry, broadly defined. This position has minimum required qualifications of a Ph.D. degree in chemistry or related fields with one or more years of post-doctoral experience preferred. Candidates with interest in developing and applying modern computational methods to research issues in modern materials, biomaterials, catalysis, and/or energy are especially encouraged to apply. As a tenure-track assistant professor, his or her duties/responsibilities will be to develop an internationally recognized research program, as well as to be fully engaged in the teaching and service missions of the University. The appointment is expected to begin August 2014. The successful candidate will have unique opportunities associated with the Joint Institutes established between UTK and the nearby Oak Ridge National Laboratory (ORNL), particularly the Joint Institute for Computational Sciences. Further information on UTK and joint UTK-ORNL programs can be found at the University (www.utk.edu) and ORNL (www.ornl.gov) web sites. Interested applicants should visit http://www.chem.utk.edu/positions for detailed application instructions. Review of applications will begin on October 18, 2013 and continue until the position is filled.

The Knoxville campus of the University of Tennessee is seeking candidates who have the ability to contribute in meaningful ways to the diversity and intercultural goals of the University.

All qualified applicants will receive equal consideration for employment and admissions without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, or covered veteran status.

Eligibility and other terms and conditions of employment benefits at The University of Tennessee are governed by laws and regulations of the State of Tennessee, and this non-discrimination statement is intended to be consistent with those laws and regulations.

In accordance with the requirements of Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990, The University of Tennessee affirmatively states that it does not discriminate on the basis of race, sex, or disability in its education programs and activities, and this policy extends to employment by the University.

Inquiries and charges of violation of Title VI (race, color, and national origin), Title IX (sex), Section 504 (disability), ADA (disability), Age Discrimination in Employment Act (age), sexual orientation, or veteran status should be directed to the Office of Equity and Diversity (OED), 1840 Melrose Avenue, Knoxville, TN 37996-3560, telephone (865) 974-2498. Requests for accommodation of a disability should be directed to the ADA Coordinator at the Office of Equity and Diversity.

The Department of Chemistry at the University of Edinburgh is seeking applications for a Postdoctoral Research Fellowship in Materials Synthesis and Preparation. We are seeking to recruit a motivated and enthusiastic post-doctoral research fellow to synthesise and grow non-molecular solids, principally transition metal oxides. This work forms part of a project to investigate the formation, self-organisation, disorder and dynamics of orbital molecules (clusters of charge and orbitally ordered cations) in transition metal oxides, and the associated physical properties. The successful candidate will hold a PhD in chemistry or a related discipline, and have experience in synthesising transition metal oxides or similar materials.
Fixed Term: up to 60 months during the period 1 February 2014 to 31 January 2019

This project is supported by the ERC Advanced Grant 'Orbital molecules' - self-organised states for orbitronics. This will investigate the formation, self-organisation, disorder and dynamics of orbital molecules (clusters of

charge and orbitally ordered cations) in transition metal oxides, and the associated physical properties. Primary activities for this position will include X-ray and neutron scattering studies of crystallographic and local structure. In addition you will be expected to interact regularly with other members of the project team and colleagues in the research group and in the Centre for Science at Extreme Conditions and the School of Chemistry, and external collaborators. You will also provide support to junior group members. For background on orbital molecules see Phys. Rev. B 85, 125119 (2012) and Nature 481, 173 (2012).

All applicants should apply via our **Vacancy Website**. The application process is quick and easy to follow, and you will receive email confirmation of safe receipt of your application. The online system allows you to submit a CV and other attachments.

We anticipate interviews will be held within three weeks of the closing date. If you have not been invited for interview by this date, your application has not been successful. The closing date is 5pm GMT on 13 November 2013.

The Department of Chemistry at the University of Edinburgh is seeking applications for Postdoctoral Research Fellowship in Structural Analysis. We are seeking to recruit a motivated and enthusiastic post-doctoral research fellow to undertake structural analysis of non-molecular solids, principally transition metal oxides. Both crystallographic and local structure methods will be used. This work forms part of a project to investigate the formation, self-organisation, disorder and dynamics of orbital molecules (clusters of charge and orbitally ordered cations) in transition metal oxides, and the associated physical properties. The successful candidate will hold a PhD in chemistry, physics, or a related discipline, and have experience in structural studies of transition metal oxides or similar materials.

Fixed Term: up to 60 months during the period 1 February 2014 to 31 January 2019

This project is supported by the ERC Advanced Grant 'Orbital molecules' - self-organised states for orbitronics. This will investigate the formation, self-organisation, disorder and dynamics of orbital molecules (clusters of charge and orbitally ordered cations) in transition metal oxides, and the associated physical properties. Primary activities for this position will include X-ray and neutron scattering studies of crystallographic and local structure. In addition you will be expected to interact regularly with other members of the project team and colleagues in the research group and in the Centre for Science at Extreme Conditions and the School of Chemistry, and external collaborators. You will also provide support to junior group members. For background on orbital molecules see Phys. Rev. B 85, 125119 (2012) and Nature 481, 173 (2012).

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AbbVie's Organic Chemistry Group in Process Research & Development We currently have two openings for associate chemists in AbbVie's Organic Chemistry Group in Process Research & Development. We are looking for self-motivated scientists with strong synthetic chemistry skills. A Masters of Science degree in Chemistry is preferred and the candidate must have a solid fundamental knowledge of organic chemistry, keen problem solving skills and laboratory research experience with compound preparation, purification, spectral analysis and interpretation. The successful candidate must work well in a team environment under mentorship of an experienced supervisor discovering, developing and executing chemical processes to prepare clinical drug candidates.
If you know someone who should be considered for one of these positions, please encourage him/her to apply by visiting our Careers web page at www.abbvie.com and applying through the links 130000043O and/or 130000043X. Feel free to pass the message around your department Feel free to pass the message around your department.

AbbVie (NYSE:ABBV) is a global, research-based biopharmaceutical company formed in 2013 following separation from Abbott. AbbVie combines the focus and passion of a leading-edge biotech with the expertise and capabilities of a long-established pharmaceutical leader to develop and market advanced therapies that address some of the world's most complex and serious diseases. In 2013, AbbVie will employ approximately 21,000 people worldwide and markets medicines in more than 170 countries.

Sigma-Aldrich in Milwaukee, Wisconsin is seeking a Product Manager-Materials Science. Manage Alternative Energy and Micro/Nanoelectronics product lines within the Aldrich Materials Science initiative. These product lines comprise a broad range of application-specific materials and tools for synthesis as well as device fabrication, addressing both research and commercial markets. The Alternative Energy product line consists of materials for energy applications including lithium ion batteries, fuel cells, hydrogen storage, lighting, thermoelectrics etc. The Micro/Nanoelectronics product line includes precursors for thin film deposition and synthesis of nanomaterials along with electronic and semiconductor grade materials for electronics and semiconductor markets. The successful candidate will manage the product portfolio, perform market analysis, promote awareness of the product lines, maintain the products and optimize pricing in order to meet revenue objectives for the product lines and for the Materials Science Initiative. Additionally, the candidate is expected to support team efforts as assigned in order to meet department, business unit, and company objectives.
Education: PhD in Materials Chemistry, Materials Science, Engineering, or Chemistry; or B.S. in Chemistry with M.B.A. and 5 (five) years of product management and business development experience directly related to alternative energy and micro/nanoelectronics product line(s). Postdoctoral experience preferred.

For further job description information and/or to apply please visit the company's website at http://bit.ly/18NmXue. Sigma Aldrich is an Equal Opportunity employer

The Department of Chemistry at The University of Alabama seeks an outstanding individual with expertise in materials chemistry to fill a tenure track position at the Assistant Professor rank beginning August 16, 2014. The successful candidate is expected to have a Ph.D. and post-doctoral training in chemistry or closely related discipline and to develop a vigorous, externally funded research program. The ability to teach both undergraduate and graduate Chemistry courses is required. The area of research is open, but areas complementary to existing interdisciplinary programs at The University in alternative energy or sustainability are of particular interest. Detailed information about the Department and its state-of-the-art facilities can be found at chemistry.ua.edu. Applicants should apply online at facultyjobs.ua.edu (position # 0808572) and provide a curriculum vitae with publication list, research plans, and teaching philosophy statement and arrange for three letters of reference to be sent to the Chair, Materials Chemistry Search Committee, Department of Chemistry, Box 870336, The University of Alabama, Tuscaloosa, AL 35487 or sent electronically to chemistry@as.ua.edu. Review of applications will begin November 1 and continue until the position is filled. Applications from women and members of traditionally under-represented groups in chemistry are especially encouraged. The University of Alabama is an Equal Opportunity/Equal Access Employer and actively seeks diversity among its employees.

The Department of Chemistry at Purdue University currently has an opening for a tenure-track faculty position at the Assistant Professor level in Organic Materials. We are seeking outstanding applicants in all areas of Organic Materials research, including research related to energy and catalysis.
Please share our announcement with any postdoctoral research associates or former students who are actively seeking opportunities to develop their independent research programs in these areas. A description of the position was posted Sept 14, 2013 at *C&E News* website, and can be found at our department website.
http://www.chem.purdue.edu/News/facultypositions.asp
Application materials should be sent to
https://academicjobsonline.org/ajo/jobs/2987
Applications will be reviewed beginning November 1, 2013, and will remain in consideration until the position is filled. Thank you for your assistance.

The Department of Chemical Engineering at Stanford University is seeking applicants for a tenure-track faculty position at the junior level (Assistant or untenured Associate Professor). Applicants are expected to have earned a Ph.D. degree in chemical engineering or related disciplines. We will consider applicants

knowledgeable in the general area of chemical engineering science. There are several broad areas of interest, including hydrocarbon chemistry, surface reactivity and catalysis, fuel cells, environmental or atmospheric studies, molecular transport processes and mechanics, soft materials physics and chemistry, computation and simulation, biochemical and biomolecular engineering, and nanomaterials processing. In general, we give higher priority to the overall originality and promise of the candidate's work rather than to the sub-area of specialization. Researchers with interests in the applied life sciences, energy sciences, and environmental sciences are particularly encouraged to apply. The successful candidate will be expected to teach at the graduate and undergraduate level, to develop advanced graduate courses in a research specialty, as well as to develop a world-class research program with an emphasis on the fundamental physical, chemical, or biological aspects of chemical engineering science. Applicants should be seeking a stimulating interdisciplinary environment in which to pursue teaching and research. We anticipate that the faculty members will contribute to and develop leadership roles and interactions among faculty not only in Chemical Engineering, but also Electrical, Mechanical, Civil and Environmental, and Material Science and Engineering in the School of Engineering; in Physics, Chemistry, and Biology in the School of Humanities and Sciences; in the departments and programs in the School of Medicine, as well as Bioengineering located in the Schools of Engineering and Medicine, and at the Stanford Synchrotron Radiation Laboratory.
Applicants must submit online their curriculum vitae (including research accomplishments, teaching experience, and publications) a transcript of doctoral graduate study, a detailed research and teaching plan, and three references (name and email address). Applications are due by December 1, 2013, but we will continue to accept applications until the position is filled. Please apply online at http://cheme.stanford.edu/

The Department of Chemistry at the University of Wyoming invites applications for a tenure-track assistant professor position in inorganic chemistry. A Ph.D. in chemistry or a related field is required; postdoctoral experience is desirable. Applicants with research interests in energy related fields are especially encouraged to apply. Excellence in research, teaching, and advising at both the graduate and undergraduate levels will be expected of a successful candidate. Teaching loads are commensurate with the expectation of a strong, externally funded research program. For additional information, see our web site at **http://www.uwyo.edu/chemistry/** or e-mail to chemistry@uwyo.edu. Applicants should send a CV, research proposals with estimate of start-up costs, a brief statement of teaching interests and arrange for three letters of recommendation to be sent to: **Inorganic Faculty Search Committee, Department of Chemistry, Dept. 3838, 1000 E. University Ave., University of Wyoming, Laramie, WY 82071**. Review of applications will begin October 28th and continue until suitable candidates are identified.

The Department of Chemistry at the University of North Texas invites applications for a faculty position in Physical Chemistry at the Assistant Professor level. A Ph.D. in chemistry or a related field is required, and post-doctoral experience is preferred. The candidate's research program may be in any area of Physical Chemistry, but preference will be given to candidates whose research complements that of current faculty in the department. For additional information and to apply visit our website at http://facultyjobs.unt.edu. Review of applications will begin immediately and continue until the position is filled. UNT is an AA/ADA/EOE institution.

The Department of Chemistry and Biochemistry, the Department of Atmospheric and Oceanic Sciences, and the Cooperative Institute for Research in Environmental Sciences (CIRES) at the University of Colorado Boulder invite applications for a tenure-track faculty position at the Assistant Professor level in Atmospheric/Environmental Chemistry. The successful candidate will teach undergraduate and graduate courses in his/her area of expertise and is expected to develop a vigorous, externally-funded research program. The research area is open within Atmospheric and Environmental Chemistry. Sub-disciplines of particular interest include retrieval and analysis of chemical measurements from satellite instruments, box / regional / global chemical transport modeling, chemistry in fog and cloud droplets, and application of isotope tracers. A PhD is required and postdoctoral experience is preferred. Review of applications will begin November 18, 2013, and applications will be accepted until the position is filled. Applicants should submit a cover letter, curriculum vitae including a list of publications, PDFs of 3+ first author publications, descriptions of proposed research (up to about five pages) and teaching (up to about two pages), and arrange to have four letters of recommendation submitted. The University of Colorado is an Equal Opportunity Employer committed to building a diverse workforce. We encourage applications from women, racial and ethnic minorities, individuals with disabilities and veterans. Alternative formats of this ad can be provided upon request for individuals with disabilities by

contacting the ADA Coordinator at hr-ada@colorado.edu. Applications are accepted electronically at the Jobs at CU Website: https://www.jobsatcu.com/postings/71231 Review of applications will begin on November 18, 2013. Applications will be accepted until the position is filled.

Millikin University invites applications for a full-time, tenure-track position of Assistant Professor of Analytical Chemistry beginning August 2014. A Ph.D. in analytical chemistry or closely related area is required. Teaching responsibilities will include analytical chemistry, instrumental analysis, and general chemistry, and may include other courses in the major or the university studies program. The individual will be expected to develop a promising experimental research program that is suitable for undergraduate students and to engage in university service. The chemistry department is ACS-approved (www.millikin.edu/chemistry). Candidates should email a letter of interest, curriculum vitae, statement of teaching philosophy, outline of research program, copies of undergraduate and graduate transcripts, and contact information of three references to Dr. George Bennett, Chemistry Department Chair, in care of Lisa Casey (lcasey@millikin.edu). Review of applications will begin Oct. 22 and continue until the position is filled. Offer of employment is contingent upon successful completion of background check. Millikin University is an equal opportunity employer. Women and minorities are encouraged to apply.

Franklin College invites applications for a full time tenure-track Assistant Professor position from candidates who excel in teaching General Chemistry and with a demonstrated ability to teach Physical Chemistry (with a focus on Thermodynamics and Kinetics), and either advanced Inorganic and/or any other specialty elective courses . The successful candidate will teach both lectures and labs and will be expected to involve students in undergraduate research. The position, which begins in August 2014, requires an emphasis on teaching and commitment to liberal arts education. Demonstrated interest or prior experience in undergraduate teaching and Ph.D. required (must be completed by August 1, 2014). Applications received by November 15, 2013 will be given full consideration. Send a letter of interest, a statement of teaching and undergraduate research philosophy, a CV, graduate and undergraduate transcripts, a sample of teaching evaluations, and have three letters of recommendation sent to: **Employee Resources** Franklin College 101 Branigin Blvd. Franklin, IN 46131 Or by e-mail: employeeresources@franklincollege.edu

The Department of Chemistry at the University of Dayton is seeking two organic chemistry faculty at the Assistant Professor rank. Anyone interested should contact me and apply online.
David W. Johnson
Department of Chemistry
University of Dayton
Dayton, OH 45469-2357

The Department of Chemistry and Biochemistry at The University of Maryland, Baltimore County (UMBC) invites applications for a full-time, tenured/ tenure-track faculty position at the Assistant or Associate Professor level. Applicants are expected to establish a vigorous, externally funded, research program in any sub-discipline of an area broadly defined as analytical chemistry (e.g., bio-analytical, materials, energy, etc.). The successful applicant should have a PhD and postdoctoral experience and will be expected to teach at both the undergraduate and graduate (PhD and MS) levels, with particular emphasis on analytical and instrumental chemistry courses. Applications from women, minorities, individuals with disabilities and other traditionally under-represented groups in the sciences are especially encouraged. The appointment will commence August 2014. The Department (www.umbc.edu/chem) is a highly cross-disciplinary and interactive group of faculty, post-doctoral fellows, and students engaged in cutting edge research, working in state-of-the-art laboratory facilities in a recently renovated building. UMBC is strategically situated on a suburban campus in the intellectually and culturally vibrant Baltimore-Washington corridor, providing unique opportunities afforded by its diversity, intermediate size and world-class infrastructure.
To Apply: Applicants should submit curriculum vitae, description of research plans, and statement of teaching philosophy as well as arrange for three letters of recommendation to be sent to: Chair, Faculty Search Committee Department of Chemistry and Biochemistry University of Maryland, Baltimore County 1000 Hilltop Circle Baltimore, MD 21250 Electronic submissions can also be made to chemsearch@umbc.edu. UMBC is an Equal Opportunity/Affirmative Action Employer. Review of applications will begin November 15, 2013 and continue until the position is filled.

The National Research Council of the National Academies sponsors a number of awards for graduate, postdoctoral and senior researchers at participating federal laboratories and affiliated institutions. These awards include generous stipends ranging from $42,000 - $80,000 per year for recent Ph.D. recipients, and higher for additional experience. Graduate entry level stipends begin at $30,000. These awards provide the opportunity for recipients to do independent research in some of the best-equipped and staffed laboratories in the U.S. Research opportunities are open to U.S. citizens, permanent residents, and for some of the laboratories, foreign nationals.

Detailed program information, including online applications, instructions on how to apply and a list of participating laboratories, is available on the NRC Research Associateship Programs Website (see link above).

Questions should be directed to the NRC at 202-334-2760 (phone) or rap@nas.edu.
There are four annual review cycles.
Review Cycle: August; Opens June 1; Closes August 1
Review Cycle: November; Opens September 1; Closes November 1
Review Cycle: February; Opens December 1; Closes February 1
Review Cycle: May; Opens March 1; Closes May 1

Applicants should contact prospective Adviser(s) at the lab(s) prior to the application deadline to discuss their research interests and funding opportunities. More detailed information and an online application can be found at www.nationalacademies.org/rap.