

GEOBULLETIN

AUGUST 8TH 2014

*GeoBulletin is distributed weekly, by E-mail. Contributions are requested!
If you have a news item, a request, an announcement etc. email it to
geodept@geology.wisc.edu or leave it at the office, Room 225 by Noon on Wednesday.

WEEKS LECTURE – FALL 2014

Date	Speaker	Institution	Host
5-Sep-14	Harold Tobin	University of Wisconsin-Madison	Cardiff (F)
12-Sep-14	Brad Singer	University of Wisconsin-Madison	Cardiff (F)
19-Sep-14	Noriko Kita	University of Wisconsin-Madison	Cardiff (F)
26-Sep-14	Patricia Gregg	University of Illinois	Feigl (F)
3-Oct-14	Jean Bahr	University of Wisconsin-Madison	Cardiff (F)
10-Oct-14	Patrick Fulton	UC Santa Cruz	Tobin (F)
17-Oct-14	NONE (GSA)		
24-Oct-14	Tomochika Tokunaga	University of Tokyo	Wang/Hart
31-Oct-14	Jay Zambito	WGNHS	Carroll (F)
7-Nov-14	Jessi Meyer		Cardiff (F)
14-Nov-14	Francis Macdonald	Harvard University	Peters (F)
21-Nov-14			
5-Dec-14	Larry Band	UNC-Chapel Hill (GSA Birdsell-Dreiss Distinguished Lecturer)	Wang/Bahr
12-Dec-14	NONE (AGU)		

JOB OPENINGS:

- [The Faculty of Chemistry, Pharmacy, and Geoscience at the Johannes Gutenberg University of Mainz \(JGU\) invites applications for a permanent appointment at the level of University Professor \(m/f\) for Petrology](#)
- [Tenure Track Faculty Position PETROLOGY - Miami University](#)
- [Research Position in EEW at Caltech Seismo Lab](#)
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- Postdoctoral Scholar Position in Real-time Seismology at Caltech
- Lamont-Doherty Earth Observatory invites applications for a Postdoctoral Research Scientist position in Structural Geology
- CZO post-doctoral position at the U. of Kansas
- Department of Earth Sciences at the University of Gothenburg - dynamic researcher to join the geology group
- The Earth Science Department at Rice University is looking to fill the position of Electron Probe Micro-Analyzer (EPMA) laboratory manager/ research scientist
- Post-Graduate – Geological and Environmental Sciences
- Faculty Position in Geology, Johns Hopkins University
- Tenure Track Faculty Position –Petrology - The Department of Geology and Environmental Earth Science at Miami University
- Tenure Track Faculty Position –Geobiology - The Department of Geology and Environmental Earth Science at Miami University

JOB OPENINGS:

The Faculty of Chemistry, Pharmacy, and Geoscience at the Johannes Gutenberg University of Mainz (JGU) invites applications for a permanent appointment at the level of University Professor (m/f) for Petrology

(Salary class W2; LBesG) starting in 2015 with expertise in igneous processes and magmatic systems. Candidates with outstanding research records in igneous petrology are encouraged to apply. We seek an individual with a willingness to collaborate across interdisciplinary boundaries, and interact with faculty and students in particular with research groups in, geodynamics, metamorphic geology, (micro)-tectonics, and volcanology. The ideal candidate will have a strong research record in magma generation and transport processes.

The Institute is equipped with modern analytical and experimental facilities, and additional support for the position is provided by the state funded Research Unit in Volcanoes-Atmospheres and Magmatic Open Systems (VAMOS). The successful candidate is invited to play a key role in the VAMOS Research Unit, which addresses the varied impacts of magmatic systems and volcanism on the solid-Earth-atmosphere system via cross-disciplinary research between Earth and Atmospheric scientists with the overall goal to understand and quantify the chemical and energetic exchange between the deep Earth and atmosphere. The candidate is expected to have an excellent record of high quality innovative published research, successful research funding and high quality teaching and research supervision.

In the area of teaching, the fields of igneous petrology, igneous geochemistry, and geological fieldwork at BSc and MSc level are to be covered. The ability to speak German or the willingness to learn in reasonable amount of time is a requirement. The state of Rhineland-Palatinate and the Johannes Gutenberg University Mainz support a concept of intensive tutoring and therefore expect that lecturers are frequently present at the university. The Johannes Gutenberg University Mainz is committed to increasing the proportion of women in the scientific field and therefore encourages women to apply. Disabled persons with equivalent qualifications will be considered preferentially.

Please send your written application, including CV, degree certificates, overview of teaching experience, publication list and a statement outlining your planned research and teaching directions as well as copies of up to five key publications. Applications can be made in electronic form and uploaded as a single PDF file at

www.fb09.uni-mainz.de/stellen.php

or in paper form mailed to the address indicated below by **September 15, 2014**. The application should be addressed to Dean of Faculty 09 – Chemistry, Pharmacy and Geosciences

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Johannes Gutenberg University Mainz
Duesbergweg 10-14
55128 Mainz
(dekan09@uni-mainz.de)

For further information about the Institute of Geosciences (www.geowiss.uni-mainz.de) and available analytical and experimental facilities please contact Prof. Richard White at rwhite@uni-mainz.de.

Postdoctoral fellowship in nonlinear site response analysis of the 2010-2011 Canterbury earthquakes

We seek a highly motivated postdoctoral fellow to join our on-going research related to ground motion and site response aspects of the 2010-2011 Canterbury earthquakes. Current research activities involve utilizing broadband ground motion simulation and nonlinear seismic effective stress analyses to develop a unified understanding of the seismic response of sedimentary basins with liquefiable soils, and in particular, their role in producing the ground motions observed in the 2010-2011 Canterbury earthquakes. The fellow will be involved in various aspects of performing nonlinear (total and effective stress) simulations, as well as further developing the underlying near-surface nonlinear soil models.

The fellowship is externally-funded for 2 years. The successful applicant will have completed a PhD in Earthquake/Civil Engineering, Geophysics, or a closely related subject. Applicants nearing completion of their PhD in the stated subject area will also be considered. The successful appointee will have excellent communication skills and written English, and have a strong research background in their chosen area.

Further details of this vacancy can be found as job number 2322 at: <http://www.canterbury.ac.nz/joinus/>

The closing date for this vacancy is: 15 September 2014

Prospective applicants are welcome to email Brendon Bradley (brendon.bradley@canterbury.ac.nz) to further discuss the opportunities associated with this position.

Tenure Track Faculty Position PETROLOGY - Miami University

The Department of Geology and Environmental Earth Science at Miami University invites applications for a tenure-track faculty position at the Assistant Professor level, beginning August 2015. Applicants must have a Ph.D. degree at the time of appointment. The successful applicant will be expected to teach effectively at the undergraduate and graduate levels, supervise student research at the undergraduate, M.S. and Ph.D. levels, initiate and maintain a vigorous, externally-funded research program, and provide service to the university.

We seek a candidate who is undertaking significant field and/or laboratory-based research in igneous and/or metamorphic petrology. The particular research emphasis, for example igneous/metamorphic processes, crust-mantle evolution, experimental petrology, or ore-forming processes, should complement current program strengths indicated below. The successful applicant will join an active department that consists of 13 faculty members, 3 research/technical staff members, 125 undergraduate and 35 graduate students. The department maintains active research programs in geomicrobiology, geomorphology, geophysics, hydrogeology, igneous petrology, isotope geochemistry, lowtemperature geochemistry, mineralogy, paleoclimatology, sedimentology and stratigraphy,

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structural geology, tectonics, volcanology, and Quaternary geology. The department also maintains modern teaching, research, and instrumentation laboratories, and portable instrumentation in support of the above. Please visit www.miamioh.edu/geology for additional information.

Miami University's Oxford Campus, with nearly 15,000 undergraduate and over 1,800 graduate students, is located in a small-town setting adjacent to the Cincinnati and Dayton urban areas. More information on Miami and on the department may be obtained via <http://www.miamioh.edu> and <http://www.miamioh.edu/geology>.

Interested candidates should submit a packet containing a letter of application; curriculum vitae; statement of teaching philosophy, objectives and accomplishments; and transcripts to www.Miamiujobs.com/applicants/Central?quickFind=53705 and arrange three letters of reference to be sent to PetrologySearch@MiamiOH.edu. Review of applications will begin September 15, 2014 and continue until the position is filled. Appointment effective August 17, 2015.

Miami University is an EOE/AA employer with smoke- and tobacco-free campuses. Miami's Annual Security and Fire Safety Report with information on campus crime, fires, and safety may be found at: <http://www.MiamiOH.edu/righttoknow>. Hard copy available upon request.

Research Position in EEW at Caltech Seismo Lab

The Caltech Seismo Lab seeks a research scientist to carry out earthquake early warning (EEW) algorithm research, and participate in continued development of the demonstration EEW earthquake monitoring system. We seek applicants who like to work in a team and to apply their seismological research and computer programming skills to develop and implement new technologies for innovative real-time earthquake data processing. This is a temporary full-time position that is eligible for full staff benefits.

You will carry out independent research to develop and improve seismic EEW algorithms, using regional seismic waveforms and parametric data and participate in deployment of both single station and finite source EEW algorithms and evaluate EEW performance to optimize system performance and improve algorithms. Additionally you will participate in writing reports, proposals, and publications and give oral reports as needed to meet project goals.

The successful candidate will have MS degree or PhD and 5 or more years of related work experience. You must have experience in analyzing seismic waveforms, computer skills such as experience in high-level programming (C, C++, or Java), and be fluent in LINUX, command-line scripting and have some experience with web-applications. Requires ability to develop and implement EEW algorithms using tools such as Matlab.

To apply to this outstanding opportunity please apply on line at: <https://jobs.caltech.edu/postings/2061>

EOE of Minorities/Females/Protected Vets/Disability

Post-doctoral fellowship at Queen's University

The Department of Geological Sciences and Geological Engineering of Queen's University, one of Canada's premier earth-science departments, invites applications for its William E. White Postdoctoral Scholarship, created from a fund endowed by the estate of William E. White. The award will be made for one year and may be renewed for a second year. The annual stipend will be no less than \$60,000. The William E. White Postdoctoral Scholarship will be awarded to an outstanding scientist who has completed a Ph.D. degree, normally within the two-year period preceding the time

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of the appointment. The area of research is open, but the scholar's research must be complementary to that being pursued in the Department of Geological Sciences and Geological Engineering. The research program to be undertaken and the level of support of research costs and moving expenses will be negotiated with a faculty member at the time the award is made. Potential applicants may obtain an outline of current research interests on the Departmental website <http://www.queensu.ca/geol/home> and are required to initiate contact with a potential faculty supervisor in advance of applying. Fit with the research interests of the Department and the research excellence of the candidate will be the primary considerations in the selection process. The Department invites applications from all qualified individuals. Queen's University is committed to employment equity and diversity in the workplace and welcomes applications from women, visible minorities, aboriginal people, persons with disabilities, and persons of any sexual orientation or gender identity.

Applicants should send a curriculum vitae, a statement of research interests, and samples of research writing to the following address. Applicants should contact their referees and arrange for at least three confidential letters of reference to be sent to the address below. Review of complete applications will begin on September 1, 2014

Professor D. Jean Hutchinson

Department Head

Department of Geological Sciences and Geological Engineering

Queen's University

Kingston, Ontario, Canada

K7L 3N6

Fax: 613-533-6592

hutchinj@queensu.ca and hyde@queensu.ca

Postdoctoral Scholar Position in Real-time Seismology at Caltech

The Division of Geological and Planetary Sciences at the California Institute of Technology invites applications for a postdoctoral position in the Seismological Laboratory. Applicants with an interest in earthquake early warning (EEW) and other aspects of real-time seismology are encouraged to apply. The research goal in earthquake early warning is to analyze the first few seconds of waveforms to provide timely and robust information about a potentially damaging earthquake that is in progress. Other real-time seismology research goals include rapid finite moment tensors, and new real-time methods for earthquake locations as well as ground motion prediction.

The position will involve research in real-time seismology, including: 1) evaluating results from real-time implementations of existing EEW algorithms such as the Virtual Seismologist method; 2) developing statistical approaches to extend the algorithms to include finite rupture source characterizations; 3) applying existing strong motion records and synthetic waveforms to improve EEW analysis methods and predictions of maximum expected ground motion; and 4) various aspects of finite source seismology adapted for real-time processing.

A recent Ph.D. in seismology, earthquake engineering, or a related discipline is required. Experience in time-series analysis of broadband seismic data or strong motion data is also required. Some programming skills in languages, such as C, C++, Java, Matlab, or scripting languages, are highly desired.

The position is available now. Funding is available for one year with a possible renewal for two more years, depending on performance and availability of funding. Applications will be considered until the position is filled. For additional information, please contact Dr. Egill Hauksson, hauksson@gps.caltech.edu, or Prof. Tom Heaton, heaton@caltech.edu

Applicants should send a CV, a brief statement of research interests and experience, and arrange to have three letters of recommendation sent electronically to Marcia Hudson at: marcia@gps.caltech.edu.

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Caltech is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.

Lamont-Doherty Earth Observatory invites applications for a Postdoctoral Research Scientist position in Structural Geology. The successful candidate will be involved in a large multidisciplinary project studying the interaction between tectonics and erosion/sedimentation from the eastern Himalayas to the Ganges-Brahmaputra delta region. A

primary focus is the 250 km wide Burma subduction-accretion foldbelt in progressive collision with the delta. Another focus is the Shillong Massif, a large basement-cored anticline overthrusting the delta. Field areas will be in Bangladesh, India and possibly Myanmar. The research will entail classic structural skills, such as field mapping, section construction, and layer-parallel strain analysis, but will also include: 1) sedimentology, such as facies interpretation and correlation, and the effects of the coarsening upward stratigraphy on structural growth; 2) familiarity with techniques in geochronology, to recognize opportunities in the field and sampling; 3) numerical modeling of deformation for combining results from other team members and thus testing overarching hypotheses.

Experience or training in one or more of the following will be considered positively: field mapping, balanced cross section construction, familiarity with the geology of the field area or Himalayan region. A Ph.D. in Structural Geology is required. The position is a one-year appointment, with the opportunity of continuation depending on progress and availability of funding. Search will stay open for 30 days after the ad appears and will continue until the job is filled. Preferred start date is November 1, 2014-January 1, 2015.

Please visit our online application site at <https://academicjobs.columbia.edu/applicants/Central?quickFind=59571> for further information about this position and to submit your application, cover letter (please include email address), curriculum vitae, a statement of research experience and interests, a list of publications, and names and contact information for three referrals. For further information send an email to steckler@ldeo.columbia.edu or nano@ldeo.columbia.edu.

Columbia University benefits provided with this Officer of Research position. Columbia University is an Equal Opportunity/Affirmative Action employer -- Race/Gender/Disability/Veteran.

We only accept online applications.

CZO post-doctoral position at the U. of Kansas

Position Overview : A full-time research position in ecosystem ecology and biogeochemistry is available at the University of Kansas. We seek a dedicated individual to develop our understanding of how land use history, forest development, and climate can influence contemporary soil biogeochemical processes at the newly established Calhoun Critical Zone Observatory in South Carolina, USA. The successful candidate will:

- 1) Work at remote field sites in S.C. using established and emerging biogeochemical tools to investigate soil organic matter dynamics and their biological, geological, and chemical drivers throughout multiple, deep soil profiles;
- 2) Develop and implement well-controlled laboratory and modeling experiments to understand potential mechanisms driving biogeochemical fluxes currently observed in Calhoun's old growth and aggrading forests, and to estimate historical fluxes; and
- 3) Work interactively with a dynamic team of investigators at diverse career stages and representing multiple universities and research interests to build the field, lab, data and web infrastructure critical for Calhoun CZO long-term success, and serve as a liaison between the Calhoun CZO group at large and the Billings lab.

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NOTE: This position requires travel for weeks at a time to remote field sites, conducting strenuous field work under primitive conditions for multiple days in a row including digging soil pits/auger deep soil wells, and lifting and carrying instrumentation weighing up to 50 pounds.

Job Description: Contribute to the Billings lab and the Calhoun CZO by:

80% Collaboratively conduct field, laboratory, and modeling research activities to explore microcosm-, plot-, and ecosystem-scale biogeochemical fluxes at the Calhoun CZO and in the lab using Calhoun soils and proxies for microbial substrates; generate manuscripts publishable in top-quality, peer-reviewed journals and presentations for national and international conferences; and participate in proposal writing using data and ideas generated via these efforts

10% Supervise undergraduates and assist in the supervision of graduate students in the Billings lab

10% Contribute to database generation, website development in collaboration with project managers, lab group meetings, journal clubs, Departmental seminar attendance, and general lab up keep

Required Qualifications:

1. Ph.D. at the time of hire in ecosystem ecology, biology, environmental chemistry, geology, soil science or related field.
2. At least two years' experience quantifying biogeochemical fluxes related to soils such as gross and net nitrogen mineralization, decay of well-characterized soil organic matter compounds, and/or CO₂ efflux.
3. At least two years' experience in the application of stable isotopes for understanding soil and/or plant fluxes of carbon and/or nutrients.
4. Excellent written English communication skills as evidenced by previous publications and application materials.

NOTE: To be appointed at the Postdoctoral Researcher title, it is necessary to have the PhD conferred at the time of hire. Appointments made without a diploma or certified transcript indicating an earned doctorate are conditional hires and are appointed on an interim basis not to exceed 6-months. Upon verification of degree the appointment will be extended to its full duration.

Preferred Qualifications

1. Experience collecting [CO₂] and isotopic signatures of CO₂ using cavity ring-down spectroscopy, in field and/or lab conditions.
 2. Experience linking stable isotopic signatures of ecosystem carbon pools to measured flux rates.
- Duration of appointment: 3 years. Continuation is dependent on availability of funds and satisfactory performance.

Apply online at <http://employment.ku.edu/staff/1304BR>. Review of applications begins on September 14, 2014. Estimated start date is January 5, 2015.

KU is an EO/AAE. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability or protected Veteran status.

Department of Earth Sciences at the University of Gothenburg - dynamic researcher to join the geology group

We are seeking for a dynamic researcher to join the geology group at the Department of Earth Sciences at the University of Gothenburg. Although the focus is put on geochemistry, a broad range of expertise is desired, and I would like to stress to this group that expert knowledge e.g., on thermodynamic modeling, experimental petrology,

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field mapping, economic geology and/or crustal evolution is an important asset.

The department has some of the best geochemical facilities in Scandinavia, including a brand-new ICPMS (Agilent 8800QQQ) coupled to a NWR 213 laser ablation system, a second ICPMS for solution work, clean lab targeted for extension and a Hitachi SEM complete with a new detector and MLA software.

Gothenburg is the second-largest city in Sweden, with a vibrant urban cultural scene as well as a staggering natural landscape just outside the city limits. We have a highly international faculty, while social benefits and family-friendly attitude is of the truly Scandinavian standard.

For detailed information and starting online application, please follow the link:

http://www.gu.se/english/about_the_university/announcements-in-the-job-application-portal/?languageId=0&disableRedirect=true&id=19144&Dnr=627489&Type=E

For further information, feel free to contact me directly (zack@gvc.gu.se or +46 31 7862801). Please be advised that application deadline is August 18.

The Earth Science Department at Rice University is looking to fill the position of Electron Probe Micro-Analyzer (EPMA) laboratory manager/ research scientist to oversee the operation of a new 5-spectrometer JEOL JXA-8530F Field Emission Electron Microprobe. The Electron Microprobe Lab Manager/Staff Scientist will:

- Maintain and operate a new JEOL JXA-8530F Field Emission Electron Microprobe
- Train and assist researchers and students in the use of the instrument
- Provide support for external academic and industrial users of the instrument
- Maintain and develop analytical standards
- Manage the instrument usage schedule, billing, and the facility website
- Coordinate all vendor service for the instruments
- Additional responsibilities may include development of new analytical protocol

Experience analyzing geological and/or other industrial materials by EMPA is essential. Some experience maintaining an electron microprobe is preferable but not a requirement. The instrument will be on a JEOL service contract and some amount of on-the-job training is expected.

Eligible job candidates are expected to hold an M.S. and/or a Ph.D. degree in geoscience and other related disciplines involving materials research. To apply, candidates should go to –

https://jobs.rice.edu/applicants/jsp/shared/position/JobDetails_css.jsp?postingId=179224

and attach a cover letter, CV, statement of research interests, and names/contact information of three references. Application review will begin on September 1, 2014, and will continue until the position is filled. The expected start date for the position is January 1, 2015.

The staff scientist will be eligible to apply for external research funding and the position will provide opportunities for conducting independent research using the EPMA as well as other facilities available at Rice. Other existing facilities at Earth Science and Rice include ICP-MS (with laser) facility for trace element and isotopic analyses, piston cylinder and multi anvil devices for synthesis of high P-T samples, FTIR, Raman, SEMs, TEMs, XRDs, XPS for various sample characterization, as well as wide range of computational facilities.

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For further information and queries, contact Rajdeep Dasgupta (Rajdeep.Dasgupta@rice.edu).

Rice University is an Equal Opportunity/Affirmative Action Employer.

Post-Graduate – Geological and Environmental Sciences

Through the Oak Ridge Institute for Science and Education (ORISE), the Department of Energy's National Energy Technology Laboratory (NETL) seeks a motivated recent post-graduate (MS and PhD) interested in being part of a collaborative, interdisciplinary research team in the geologic and environmental sciences focus area researching rare earth elements. NETL's Office of Research and Development (ORD) conducts research to advance the clean production and efficient utilization of domestic energy resources.

For more information, please visit <http://www.ornl.gov/netl/open-projects/projects.html>.

Faculty Position in Geology, Johns Hopkins University

The Department of Earth and Planetary Sciences at Johns Hopkins University invites applications for the first of several anticipated tenure-track faculty positions in geology. The position will be filled at the Assistant Professor level, starting as early as Fall, 2015. The successful candidate will be expected to develop an internationally recognized and externally funded research program, to help develop and participate in undergraduate and graduate teaching, and to supervise graduate student research. A Ph.D. is required in the Earth Sciences or a related discipline; post-doctoral experience is desirable. Possible areas of geologic research include, but are not limited to, quantitative geomorphology, volcanology, tectonics and dynamics, petrology and mineralogy, critical-zone science, and studies of the early Earth that complement the research interests of recent hires in planetary science, paleoecology, light stable isotope geochemistry, and landscape hydrology. We are particularly interested in approaches combining geologic field methods with complementary laboratory, theoretical or remote sensing approaches.

Opportunities exist for the successful candidate to forge research ties with other parts of the Johns Hopkins community that are active in the Earth and Planetary Sciences, including the Departments of Geography and Environmental Engineering, Civil Engineering, Materials Science and Engineering, and the Applied Physics Laboratory. There are excellent opportunities for additional collaborations within the Baltimore-Washington region, including with the Carnegie Institution, the Smithsonian Institution, the U.S. Geological Survey, the University of Maryland, and NASA Goddard Space Flight Center.

Applications must be submitted electronically using Interfolio (<https://apply.interfolio.com/25307>) and must include a cover letter, a curriculum vitae, statements of research and teaching interests, and the names and complete contact information of at least three references. Questions concerning submission of application materials should be directed to Kristen Gaines (kgaines@jhu.edu). Other requests for information may be directed to Professor Dimitri Sverjensky, Search Committee Chair (sver@jhu.edu). Review of the applications will begin October 15th, 2014 and will continue until the position is filled.

Johns Hopkins University is an equal opportunity/affirmative action employer, and actively encourages interest from minorities and women.

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Tenure Track Faculty Position –Petrology - The Department of Geology and Environmental Earth Science at Miami University

The Department of Geology and Environmental Earth Science at Miami University invites applications for a tenure-track faculty position at the Assistant Professor level, beginning August 2015. Applicants must have a Ph.D. degree at the time of appointment. The successful applicant will be expected to teach effectively at the undergraduate and graduate levels, supervise student research at the undergraduate, M.S. and Ph.D. levels, initiate and maintain a vigorous, externally-funded research program, and provide service to the university.

We seek a candidate who is undertaking significant field and/or laboratory-based research in igneous and/or metamorphic petrology. The particular research emphasis, for example igneous/metamorphic processes, crust-mantle evolution, experimental petrology, or ore-forming processes, should complement current program strengths indicated below.

The successful applicant will join an active department that consists of 13 faculty members, 3 research/technical staff members, 125 undergraduate and 35 graduate students. The department maintains active research programs in geomicrobiology, geomorphology, geophysics, hydrogeology, igneous petrology, isotope geochemistry, low-temperature geochemistry, mineralogy, paleoclimatology, sedimentology and stratigraphy, structural geology, tectonics, volcanology, and Quaternary geology. The department also maintains modern teaching, research, and instrumentation laboratories, and portable instrumentation in support of the above. Please visit www.miamioh.edu/geology for additional information.

Miami University's Oxford Campus, with nearly 15,000 undergraduate and over 1,800 graduate students, is located in a small-town setting adjacent to the Cincinnati and Dayton urban areas. More information on Miami and on the department may be obtained via <http://www.miamioh.edu> and <http://www.miamioh.edu/geology>.

Interested candidates should submit letter of application, curriculum vitae, statement of teaching philosophy, statement of research plans and unofficial copy of transcripts (submitted as "other") to www.miamioh.edu/jobs/applicants/Central?quickFind=53705; candidates should arrange to have three letters of recommendation sent to PetrologySearch@miamioh.edu. Screening of applications begins September 14, 2014 and will continue until the position is filled. Appointment effective August 17, 2015.

Miami University, an equal opportunity/affirmative action employer with smoke- and tobacco-free campuses, is committed to a multicultural environment and strongly encourages applications from minorities, females, veterans and individuals with disabilities. Miami's Annual Security and Fire Safety Report with information on campus crime, fires, and safety may be found at: <http://www.MiamiOH.edu/campus-safety/annual-report/index.html>. Hard copy available upon request. Employment will require a criminal background check according to University guidelines.

Tenure Track Faculty Position –Geobiology - The Department of Geology and Environmental Earth Science at Miami University

The Department of Geology and Environmental Earth Science at Miami University invites applications for a tenure-track faculty position at the Assistant Professor level, beginning August 2015. Applicants must have a Ph.D. degree at the time of appointment. The successful applicant will be expected to teach effectively at the undergraduate and graduate levels, supervise student research at the undergraduate, M.S. and Ph.D. levels, initiate and maintain a vigorous, externally-funded research program, and provide service to the university.

We seek an outstanding candidate who is undertaking significant field and/or laboratory-based research in Geobiology. The particular research emphasis, for example paleobiology/paleontology, high-resolution biostratigraphy, paleobiogeochemistry, paleoecology, or paleoclimatology, should complement current program strengths indicated below. It is anticipated that this new position will enable us to address important questions pertaining to the interactions between life and Earth through geologic time.

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The successful applicant will join an active department that consists of 13 faculty members, 3 research/technical staff members, 125 undergraduate and 35 graduate students. The department maintains active research programs in geomicrobiology, geomorphology, geophysics, hydrogeology, igneous petrology, isotope geochemistry, low-temperature geochemistry, mineralogy, paleoclimatology, sedimentology and stratigraphy, structural geology, tectonics, volcanology, and Quaternary geology. The department also maintains modern teaching, research, and instrumentation laboratories, and portable instrumentation in support of the above. Please visit www.miamioh.edu/geology for additional information.

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Interested candidates should submit letter of application, curriculum vitae, statement of teaching philosophy, statement of research plans and unofficial copy of transcripts (submitted as "other") to www.miamiujobs.com/applicants/Central?quickFind=53702; candidates should arrange to have three letters of recommendation sent to GeobioSearch@miamioh.edu. Screening of applications begins September 14, 2014 and will continue until the position is filled. Appointment effective August 17, 2015.

Miami University, an equal opportunity/affirmative action employer with smoke- and tobacco-free campuses, is committed to a multicultural environment and strongly encourages applications from minorities, females, veterans and individuals with disabilities. Miami's Annual Security and Fire Safety Report with information on campus crime, fires, and safety may be found at: <http://www.MiamiOH.edu/campus-safety/annual-report/index.html>. Hard copy available upon request. Employment will require a criminal background check according to University guidelines.

***** **HAVE A GREAT WEEKEND** *****