NEW PEOPLE IN EAS

Jie Wang
Visiting Scholar

Jie Wang is an associate professor in the Research School of Arid Climate and Environmental Change at Lanzhou University, Gansu Province, China, and currently working with Jon Harbor. He received his Ph.D. in Physical Geography at Lanzhou University. Jie is interested in glacial geomorphology, and his current research focuses on understanding how tectonics and climate interact to control quaternary glacial geomorphology and glaciations. During his visit his responsibilities will be to conduct collaborative research (with Profs. Harbor and Caffee) including a project focused on using $^{10}$Be TCN to define the timing of glaciation in the Dalijia Mountain region of Qinghai-Tibet Plateau.

David Mase
Graduate Student

David recently enrolled in the Ph.D. program under Dr. Greg Michalski after finishing his M.S. in EAS. Before coming to Purdue in 2008, David received his B.S. in Geology from the State University of New York - College at Oneonta. SUNY Oneonta, while small, provided many opportunities for undergraduate research. As an undergraduate, David studied glacial geology at the Bering Glacier in Alaska, and worked on water quality issues resulting from acid mine drainage in the anthracite district of Pennsylvania. His research interests include air and water quality, and he is currently developing a regional model for the prediction of stable oxygen isotope abundances resulting from the formation of nitric acid in the atmosphere (an extension of his M.S. work).

EAS SEMINAR

Thursday, September 29, at 3:30 p.m. in CIVL 1252: "The Wild and Woolly Birth and Adolescence of the Solar System." David Minton, EAS, Purdue University

Refreshments at 3 p.m. in CIVL 2201

For more information, see the EAS online calendar.

THESIS DEFENSE

Monday, September 26, at 1 p.m. in CIVL 3214: “The Depth Extent of Mantle Processes Contributing to Surface Topography of the Western U.S., as Constrained by the 410 km and 660 km Discontinuities" by Melissa McMullen. Advisor: Hersh Gilbert

Thursday, September 29, at 1 p.m. in CIVL 2201: "Tracking Convective Features Using the Baddeley Image Metric" by Benjamin Schwedler. Advisor: Michael Baldwin

UPCOMING WISP MEETING

Date: October 4th
Time: 11:30-12:30
Place: Civil 2201
Topic: Ace the Interview

OUR RECENT PUBLICATIONS


Finzel, E. S., L. M. Flesch, and K. D. Ridgway, Identifying the diffuse North America-Pacific-Bering plate boundary in Alaska and western
ATTENTION ALL UNDERGRADUATE AND GRADUATE STUDENTS

Please make plans to join the 11th Annual American Meteorological Society Student Conference and Career Fair January 21 – 22, 2012 (Sat-Sun) as part of the 92nd AMS Annual Meeting in New Orleans, Louisiana. Read more...

TENURE-TRACK POSITION IN HYDROGEOLOGY

The Department of Geology and Environmental Geosciences at Northern Illinois University seeks applications for an anticipated tenure-track position at the rank of Assistant Professor to begin August 16, 2012. Read more...

A NOTE FROM OUR ACADEMIC COUNSELOR

Woodrow Wilson Indiana Teaching Fellowships

The Woodrow Wilson Indiana Teaching Fellowship seeks to attract talented, committed individuals with backgrounds in the STEM fields—science, technology, engineering, and mathematics—into teaching in high-need Indiana high schools. Eligible applicants include current undergraduates, recent college graduates, midcareer professionals, and retirees who have majored in, or had careers in, STEM fields.

The Fellowship includes: $30,000 stipend; admission to a master’s degree program at one of four participating Indiana Universities (Ball State University, Indiana University-Purdue University Indianapolis (IUPUI), University of Indianapolis, and Purdue University); preparation in a high-need urban or rural secondary school; ongoing support and mentoring throughout the three-year teaching commitment; guidance toward teaching certification; and lifelong membership in a national network of Woodrow Wilson Fellows.

A qualified applicant should demonstrate a commitment to the program and its goals; have U.S. citizenship or permanent residency; attained, or expect to attain by June 30, 2012, a bachelor’s degree from an accredited U.S. college or university; majored in and/or have a strong professional background in a STEM field; achieved a cumulative undergraduate grade point average (GPA) of 3.0 or better on a 4.0 scale; and obtain a qualifying score on the Praxis I: Pre-professional Skills Test.

RECENT PRESENTATIONS

On Thursday September 15th Lucy Flesch gave a talk at the University of Kentucky entitled “Kinematics and dynamics of a diffuse North America–Pacific–Bering plate boundary in Alaska and western Canada.”

Prof. Lasher-Trapp, along with graduate students Dan Arthur, Alexandria Johnson and Cecille Villanueva-Birriel, all gave presentations of their current research on ice nucleation in clouds and its implications, at the Midwest Cloud Forum hosted by the University of Illinois Urbana-Champaign cloud group, on September 23.

RESEARCH FEATURED IN NATIONAL GEOGRAPHIC

Matt Huber’s research into past warm climate, funded by the National Science Foundation, is featured in the October issue of National Geographic. His work shows how greenhouse intervals in Earth’s past provide clear lessons for the future. Read more...

SESSION CHAIR

Robert L. Nowack served as a session chairman for a session on Full Waveform Inversion Applications at the Annual Meeting of the Society of Exploration Geophysicists (SEG) which took place from September 18-23 in San Antonio, Texas.

INVITED WORKSHOP PARTICIPANT

Jeff Trapp was an invited participant in the NOAA Climate Science Challenge Workshop on Regional Climate Variability and Change, held 20-22 September in Boulder, Colorado.

GREEN WEEK 2011

To see the events for Green Week 2011 click here.
If you have questions about these criteria, or feel that your situation requires special consideration, email WWTeachingFellowships@woodrow.org. For program inquiries contact the Woodrow Wilson Fellowship Foundation. Email: WWTeachingFellowships@woodrow.org Phone: 609-452-7007.

For Purdue specific questions contact the College of Education Graduate Studies Office Email: STEMGoesRural@purdue.edu Phone: 765-494-2345.

Early Decision Applicant Timeline
All transcripts requested and sent to the Foundation (RECOMMENDED deadline) October 7, 2011

Early Decision application deadline
The completed online application and all supporting documents (transcripts, recommendation letters, resume) should be submitted by October 19, 2011
Interviews conducted: November 2011
Notification of award status: Late December 2011

Regular Decision Applicant Timeline
All transcripts requested and sent to the Foundation (RECOMMENDED deadline) December 21, 2011

Final application deadline:
The completed online application and all supporting documents (transcripts, recommendation letters, resume) should be submitted by January 10, 2012
Interviews conducted: Late January-February 2012
Notification of award status: April 2012
http://www.wwteachingfellowship.org/

The influence of teachers is “the most broad, the most wide, the deepest, the most profound influence you can imagine.”—Maya Angelou.

Nancy

HAPPY BIRTHDAY!!!
Ernie Agee – October 2
Phil Smith – October 2

IMPORTANT NOTICE ABOUT THIS NEWSLETTER
This newsletter will now be used as the primary information source for current and upcoming events, announcements, awards, grant opportunities, and other happenings in our department and around campus. Active links to additional information will be provided as needed. Individual email announcements will no longer be sent unless the content is time-sensitive. We will continue to include our publications, presentations and other recent news items as well. Those using paper copies of the newsletter should go to our newsletter archive on the EAS website at www.purdue.edu/eas/ and Click on News to access active links as needed. Material for inclusion in the newsletter should be submitted to Gina Richey (grichey@purdue.edu) by Friday noon of each week for inclusion in the Monday issue. If it is in the newsletter, we assume you know about it and no other reminders are needed.

For answers to common technology questions and the latest updates from the EAS Technology Support staff, please visit http://www.purdue.edu/eas/info_tech/index.php.

Also, as an additional resource for information about departmental events, seminars, deadlines, etc., see our departmental calendar at http://calendar.science.purdue.edu/eas/seminars.
Monday, September 26, 2011
3:30 p.m. in 2-425 Lilly

At 2:30 PM Jerry will have coffee from Brazil, Sumatra, and Tanzania available for tasting (2-425), and open to questions.

Joint seminar with the Food Science Department.

“Coffee is Food”
Jerry Kalal

Owner/Operator - K. Dees Coffee and Roasting Co.

The seminar will be given in the College of Ag “Science Café” format, which K.Dees Coffee hosts. Jerry will talk about 15-20 minutes and then open up to questions and discussion. A handout will be provided.

Jerry will be open to questions on topics in abstract, as well as issues related to fair trade and organic coffee certification and how this actually affects the coffee grower.

“This presentation will be an overview of the life of a coffee bean, from seedling to your coffee pot. I’ll go over what a good bean is as well as the bad, what happens when you roast them, proper storage, grinding, and brewing. You’ll finish with a new appreciation for the little brown beans that you never had before, and you’ll be able to make a wonderful cup of coffee.”
BEING SICK IS NOT ON YOUR TO-DO LIST. GET A FLU SHOT.

THREE WAYS TO GET A FLU SHOT

Register for a seasonal flu shot appointment on campus:
Go to www.purdue.edu/worklife
Log in with your career account and password.
Click on “Flu Shots,” then select “Campus events”.
Employees can register their spouse/same-sex domestic partners after they set up their own campus appointment.
Bring employee PUID to appointment.

Get a seasonal flu shot at a retail location:
A list of covered locations is available at www.purdue.edu/worklife.
Bring your CIGNA medical card to the retail location.

See your health care provider:
All Purdue health plans cover the seasonal flu vaccine for employees and covered dependents.

WORKLIFE PROGRAMS WILL PARTNER WITH MAXIM HEALTH SYSTEMS TO PROVIDE SEASONAL FLU SHOT APPOINTMENTS ON THE WEST LAFAYETTE CAMPUS.

Use the online registration system to make an appointment for yourself or your spouse/same-sex domestic partner at least 24 hours in advance. Then show up with your PUID and get your flu shot. This year’s flu shot contains the H1N1 vaccine, so only one shot is needed.
Seasonal flu shots on campus are only offered to benefit-eligible faculty and staff, graduate staff, official Purdue retirees, and their spouses/same-sex domestic partners. Purdue University covers the cost of the vaccine to keep employees healthy. Please see your health care provider for dependent vaccines.

HUMAN RESOURCES WorkLife Programs
Check www.purdue.edu/worklife to register for a campus appointment or to get a list of retail locations. Questions? Call 49-45461.
# CAMPUS FLU SHOTS

THE PUID IS REQUIRED FOR CHECK-IN

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>Wednesday, October 12</td>
<td>Noon-7 p.m.</td>
<td>STEW 214 128 Memorial Mall</td>
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<tr>
<td>Thursday, October 13</td>
<td>9:30 a.m.-4:30 p.m.</td>
<td>STEW 214</td>
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<tr>
<td>Thursday, October 20</td>
<td>9 a.m.-4 p.m.</td>
<td>Daniel (William H.) Turfgrass Research &amp; Diagnostic Center 1340 Cherry Lane (next to the Birck Boilermaker Golf Complex)</td>
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<tr>
<td>Tuesday, October 25</td>
<td>10:30 a.m.-5:30 p.m.</td>
<td>STEW 214</td>
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<tr>
<td>Wednesday, October 26</td>
<td>6 a.m.-noon</td>
<td>STEW 214</td>
</tr>
<tr>
<td>Monday, October 31</td>
<td>9:30 a.m.-3:30 p.m.</td>
<td>Ross-Ade Stadium (STDM) 350 Victory Dr. North end by coffee shop and Purdue Pride</td>
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<tr>
<td>Friday, November 4</td>
<td>9:30 a.m.-3:30 p.m.</td>
<td>FREH 1-1/1-2 401 S. Grant St.</td>
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<tr>
<td>Starting November 7, Monday – Friday</td>
<td>8:30 a.m.-4:30 p.m. Based on vaccine availability</td>
<td>Purdue University Student Health Center (PUSH) 601 Stadium Mall Dr. Urgent Care Center on the Ground Floor. Walk-ins. You may experience some wait time. Bring PUID.</td>
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HUMAN RESOURCES WorkLife Programs

Check [www.purdue.edu/worklife](http://www.purdue.edu/worklife) to register for a campus appointment or to get a list of retail locations. Questions? Call 49-45461.
Call for Applicants

Earthquake-Recovery PhD Scholarship

The Contribution of Community-Based Learning to Post-Disaster Recovery in Christchurch

The city of Christchurch (population 400,000) experienced three significant earthquakes in September 2010 (7.1 magnitude), February 2011 (6.3 magnitude), and June 2011 (magnitude 6.3) that have resulted in 180 deaths, $20 billion in lost property and wages, and a city needing to be rebuilt. While University of Canterbury staff and students have already played an important role in immediate recovery efforts, the institution’s contribution to the long-term rebuilding work is under development.

As part of the University’s earthquake recovery plan and contribution to the rebuild, a three year PhD scholarship worth $60,000 has been created for a project entitled The Contribution of Community-Based Learning to Post-Disaster Recovery in Christchurch.

The purpose of this PhD project is to assess the ways in which long-term recovery following disasters, such as earthquakes, can be facilitated by targeted educational efforts by universities, and to trace how communities, students, and institutions can benefit from this. It is envisaged that this will include:

- a review of the range and extent of community-based learning university/community partnerships that have emerged in places throughout the world after disasters
- the development of a model for use as a tool to evaluate (and potentially shape) what happens through the first few years of the post-disaster recovery phase in Christchurch.

This scholarship is an amazing opportunity for a PhD candidate interested in community engagement, disaster recovery, and student engagement. It will maximize the potential for positive outcomes for the candidate, the University, its students, and the Christchurch community, so that community engagement, student learning experiences, and the institution’s reputation will all be enhanced.

Application Details

- The Supervisors for this project are Professor Eric Pawson (eric.pawson@canterbury.ac.nz), Department of Geography, and Dr Billy O’Steen (billy.osteen@canterbury.ac.nz), School of Educational Studies and Human Development. Both have vast theoretical and practical experience with community-based learning and research supervision.
- **Please indicate your interest in this project to the Supervisors by 14 October.** The successful applicant must then submit an application to the UC Scholarships Office by 21 October.
- Applicants will be considered by the Supervisors with regard to alignment of research interests and the project. Candidates should provide relevant materials (CV, writing sample, and research interests).
- The current emolument of this scholarship is $20,000 (NZD) per year of enrolment. The scholarship also covers tuition fees for the dissertation enrolment at the NZ domestic rate for the term of the scholarship.
- For further details about PhD study at UC, please visit: [http://www.canterbury.ac.nz/postgrad/phd/index.shtml](http://www.canterbury.ac.nz/postgrad/phd/index.shtml)
The Transition to Employment for Veterans with Injuries and Disabilities
Co-presented by the Wounded Warrior Education & Employment Initiative
During this workshop, disabled veteran and employer perspectives on veterans’ employment will be discussed. Common obstacles, opportunities, and strategies to maximizing disabled veterans in the work place will be covered. Employers and veterans are encouraged to attend.
Tuesday, October 4, 2011 1:30 p.m. - 3:00 p.m.  STEW, Room 318

Recruiting, Hiring, and Retaining Workers with Disabilities
Employers will learn the benefits to hiring people with disabilities during this workshop. Employers will also gain insight into how to recruit, hire, and retain individuals with disabilities.
Wednesday, October 12, 2011 1:30 p.m. - 3:00 p.m.  STEW, Room 318

ADA Audio Conference
This session is the first of the 2011-12 ADA Audio Conference Series presented by the Great Lakes ADA and Accessible IT Center. The program is designed to offer individuals advanced information on various ADA-related issues.
Tuesday, October 18, 2011 2:00 p.m. - 3:30 p.m.  YONG, Room 1057

The Intersection of Disability and Work — Session I: Road Map to Success
Co-presented by Disability Resource Center and Center for Career Opportunities
This seminar will discuss the rights and responsibilities of employees with disabilities in the workplace.
Wednesday, October 19, 2011 4:30 p.m. - 6:00 p.m.  STEW, Room 310

The Ins and Outs of the Americans with Disabilities Act and Vocational Rehabilitation
Co-presented by Vocational Rehabilitation Services
In this workshop, learn what employers are required to do under the Americans with Disabilities Act and how Vocational Rehabilitation Services can assist employees with obtaining devices and services not covered under the ADA.
Wednesday, October 26, 2011 10:00 a.m. - 11:30 a.m.  STEW, Room 320

The Intersection of Disability and Work — Session II: Merging into the Networking Lane
Co-presented by Disability Resource Center and Center for Career Opportunities
During this networking reception, learn tips on navigating networking etiquette from Anthony Cawdron, Westwood Event Coordinator and Instructor in Hospitality and Tourism Management, and interact with recruiters.
Wednesday, October 26, 2011 4:30 p.m. - 6:00 p.m.  STEW, Room 310

The Intersection of Disability and Work — Session III: The Road Already Traveled
Co-presented by Disability Resource Center and Center for Career Opportunities
This panel discussion will host Purdue alumni with disabilities who will share stories of successfully navigating into the employment lane.
Wednesday, November 2, 2011 4:30 p.m. - 6:00 p.m.  STEW, Room 310

The Americans with Disabilities Act and the ADA Amendments Act Briefing
These sessions provide participants with a better understanding of the ADA and the ADA Amendments Act, a supervisor’s or employee’s responsibilities at Purdue, information on interacting with employees with disabilities, and campus resources to assist with reasonable accommodation requests. To view dates and times, please visit: http://www.purdue.edu/ethics/oie/EqualAccessEqualOpportunityBriefing.html

To R.S.V.P. or to request an accommodation due to a disability, please contact the Office of Institutional Equity before the program begins at 494-7253 (voice), 496-1343 (TTY) or equity@purdue.edu. All sessions are free and open to the public.