

January 23, 2012

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## Upcoming MEETINGS

### Every Monday

- EAS Gold Mine Committee, CIVL 2201 (Noon)

### Tuesday, January 24

- EAS Rock Display Comm., CIVL 2201 (3:30pm)

### Friday, January 27

- EAS Executive Committee, CIVL 2173 (8:30am)

### Monday, January 30

- EAS Faculty Meeting, CIVL 3201 (11:30 am)

### Tuesday, January 31

- EAS Women in Science, CIVL 2201 (Noon)
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## Upcoming EAS EVENTS

**EAS Alumni and Friends Reception** will be held on Tuesday, January 24, 2012 in association with the annual AMS meeting. The event is 6:30 – 8:30pm at the Hilton New Orleans Riverside, Chequers room.

**EAS GRAD EXPO** will be held on February 3 – 4, 2012. For more information or to volunteers, please contact Mallie Toth ([toth2@purdue.edu](mailto:toth2@purdue.edu)).

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## RECENT EAS PUBLICATIONS

JOHNSON, B. C. and MELOSH, H. J. (2012)  
Formation of spherules in impact produced vapor plumes, *Icarus*, **217**, 416-430.

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## RECENT EAS GRANTS

Sarah Stamps was awarded a National Geographic Society grant of \$15,000 to examine “*Kinematic constraints on the Lwandle-Somalia plate boundary across Madagascar from GPS geodesy: Is Madagascar breaking apart?*”

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## RECENT EAS PRESENTATIONS

Several Faculty and students are attending the annual AMS meeting in New Orleans. [Attached](#) is the list of presentations.

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## CAMPUS-WIDE SEMINARS

### Center for Science of Information Seminar Series

“Info-Metrics: Theory and Examples”, Monday, January 30, 2012, 2:30 – 3:30pm, LWSN 1142. Given by Amos Golan, Professor, Department of Economics, Director, Info-Metrics Institute, American University, Washington, D.C. ([attachment](#))

### The Phi Beta Kappa Society

“When Cultures Collide: The Moral Challenge in Cultural Migration”, Monday, January 30, 2012, 7:30pm, BRNG 1230. Given by Richard Shweder, William Claude Reavis Distinguished Service Professor of Human Development, University of Chicago ([attachment](#))

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## GRANT INFORMATION

**Community of Service Learning Faculty Fellows Grant Program.** Applications due Friday, February 17. ([attachments](#))

### NIH Workshops

The OVPR is hosting the last in a series of luncheon workshops designed to address various aspects of developing proposals to the National Institutes of Health. Perry Kirkham, project coordinator in the OVPR and former NIH program officer will present “*Analyzing and Utilizing NIH Award Data*” on Thursday, Feb. 16th, 11:30 to 1:00 (lunch provided) in STEW 202. Register at:

[https://purdue.qualtrics.com/SE/?SID=SV\\_aY9iXcmlD5FKtGk](https://purdue.qualtrics.com/SE/?SID=SV_aY9iXcmlD5FKtGk)

The **National Science Foundation** has released a request for proposals for the *Scholarships in Science, Technology, Engineering and Mathematics (S-STEM)* program. This program provides institutions with funds for student scholarships to encourage and enable academically talented but financially needy students to enter the workforce following completion of an associate, baccalaureate, or graduate degree in fields of science, technology, engineering, or mathematics. The full solicitation can be viewed at

<http://www.nsf.gov/pubs/2012/nsf12529/nsf12529.htm>.

For this competition, Purdue may submit one proposal from each school or college that awards degrees in biological sciences, physical sciences, mathematics, computer and information sciences, geosciences, engineering, and technology areas associated with the preceding fields. The PI must be a faculty member currently teaching in one of these disciplines.

Internal deadlines are as follows:

*February 6:* Letters of Intent due to the OVPR.

*February 27:* Preproposals due to the OVPR.

*March 5:* Preproposal rankings due to the OVPR.

Agency deadline is August 14.

Please note: Letters of intent, preproposals, and rankings to the OVPR should be e-mailed to [OVPRlimited@purdue.edu](mailto:OVPRlimited@purdue.edu). Purdue's limited submission policy and template for letters of intent may be found at <http://www.purdue.edu/research/vpr/funding/lisid1.php>. For any case in which the number of internal letters of intent received is no more than the number of proposals allowed by the sponsor, the OVPR will notify the PI that an internal preproposal will be unnecessary.

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#### **SCIENCE DIVERSITY OFFICE CLOTHING DRIVE**

The Science Diversity Office is holding a Clothing Drive as part of the Martin Luther King Celebration. A collection box will be available in the EAS Main Office (CIVL 2169) from January 17<sup>th</sup> - 31<sup>st</sup>.

The clothing will be donated to *It's My Closet* at Jefferson High School in Lafayette. All clothing in any size will be accepted but clothing that can be worn to proms is especially appreciated. If you would like a receipt for your donation, please contact Terri Donald at [tdonald@purdue.edu](mailto:tdonald@purdue.edu).

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#### **DISCOVERY LEARNING RESEARCH CENTER SHOWCASE & SYMPOSIUM**

Join us for an afternoon of information and conversation as we explore ways that partnering with the DLRC can enhance your STEM research and proposals. More detailed information at: <http://www.purdue.edu/discoverypark/learningcenter/DLRC-SandS-2012.php>.

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#### **TRAVELING IN CHINA CONVERSATIONAL CHINESE**

A non-credit course intended to develop the participants' oral skills for self-expressions at elementary level, with a focus on tourism. Ideal for students, staff and faculty who are participating in or leading Study Abroad courses, or engaging in research and learning project with Chinese-speaking regions. Course materials will be provided. The course runs March 21 – April 25 on Wednesdays from 7 – 9 pm, Stanley Coulter 114. Fee is \$120. Register online at: [www.distance.purdue.edu/china](http://www.distance.purdue.edu/china)

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#### **SCIENCE OLYMPIAD VOLUNTEERS**

Purdue College of Science host a regional Science Olympiad, for Indiana high school and middle school students, yearly and depends on volunteers to run the many events. This year's Olympiad will be held on February 25, 2012. Please contact Mindy Hart ([mindy@purdue.edu](mailto:mindy@purdue.edu)) to volunteer.

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#### **KLONDIKE MIDDLE SCHOOL LOOKING FOR SCIENCE FAIR JUDGES**

Undergrads, Grads, Faculty, Staff... The Klondike Middle School science fair is looking for judges. The fair will be on Thursday February 16<sup>th</sup>. The morning judging will be from 9:00 – 11:30 am. Afternoon judging will be from 12:30 – 3:30 pm. Breakfast and lunch are provided for the judges. We hope you can help us with the judging for a few hours or the whole day. Please contact Dorothy Sisken at [dsisken@tsc.k12.in.us](mailto:dsisken@tsc.k12.in.us)

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#### **CENTRAL INDIANA SEVERE WX SYMPOSIUM**

The 2012 Central Indiana Severe Weather Symposium is a biennial weather information session for spotters and weather enthusiasts, providing interesting and informative speakers on severe weather related topics. Confirmed speakers include The Weather Channel's Mike Bettes, nationally-known tornado damage expert Tim Marshall, Fox 59's Brian Wilkes, and meteorologists from NWS Indianapolis and Northern Indiana. CISWS will be held on Saturday, March 10th, 8:30am - 4:00pm, with registration and breakfast beginning at 7:15am. Discounted student registration is available. For complete information, including pre-registration: [http://www.crh.noaa.gov/news/display\\_cmsstory.php?wfo=ind&storyid=40755&source=0](http://www.crh.noaa.gov/news/display_cmsstory.php?wfo=ind&storyid=40755&source=0)

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## RESPONSIBLE CONDUCT OF RESEARCH WORKSHOP FOR GRADUATE STUDENTS

The Graduate School will be hosting the first spring RCR Workshop offered to graduate students on January 24, 2012 from 12:00 – 1:30 p.m. in LWSN 1142 (pizza and soda provided). Dr. Peter Dunn will be presenting on *Research Integrity*. Register at: [https://ias.itap.purdue.edu/rgs/wgb\\_workshop\\_disp\\_online\\_workshop](https://ias.itap.purdue.edu/rgs/wgb_workshop_disp_online_workshop)

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## SCHLUMBERGER VISIT TO EAS

Winston Anyanwu, Schlumberger, will present an informational session at 6:30pm on Thursday, February 9<sup>th</sup> in CIVL 2201 (food provided). All who are interested in pursuing a career with Schlumberger are welcome to attend. Hear about their current job opportunities, chat with the recruiter and have your resumes reviewed.

On Friday, February 10<sup>th</sup>, Schlumberger will be conducting interviews in the department. They would like to meet with students who fit the following criteria:

- graduating from Dec 2010 to October 2012
- studying Earth Sciences, Geology & Geophysics at all degree levels (BS, MS, PhD)
- The positions are open to US citizens and permanent residents, refugees, asylum status, F1 (International) students (Schlumberger sponsors potential international students for certain positions).

If you are interested in job opportunities with Schlumberger, you must apply online in their **Geoscience & Petrotechnical** career group at [careers.slb.com](http://careers.slb.com) for their **students and recent graduates**. Also, please send your resume directly to Winston at: [wanyanwu@slb.com](mailto:wanyanwu@slb.com).

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## JOB/INTERNSHIP ANNOUNCEMENTS

**NASA** offers paid undergraduate and graduate level internships in a wide variety of disciplines. Over 200 internships are available. The deadline is March 1<sup>st</sup>, but offers may begin going out as early as Feb. 2<sup>nd</sup>. Visit <http://intern.nasa.gov> to apply for up to 15 opportunities with a single application.

**NSF** offers a wide variety of paid summer research experiences for undergraduates. To search over 600 programs, please visit: <http://www.pathwaystoscience.org/undergrads.asp>

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## EAS WEATHER FORECAST OPPORTUNITIES

### WBAA weather forecast volunteer callout

EAS students have been providing weather forecasts for Purdue's public radio station (WBAA) since the beginning of the fall semester. If you are interested in volunteering to help provide this service to the community, please contact Prof. Baldwin ([baldwin@purdue.edu](mailto:baldwin@purdue.edu)) by January 30. We plan to have a short organizational callout meeting at 11:45am on Tuesday January 31 in CIVL 4173.

### Weather forecasting competitions begin Jan 30

Both the WxChallenge national forecast contest and Purdue's own Forecast Game are scheduled to resume on Monday January 30. WxChallenge begins the spring session with forecasts for New Orleans, site of the 2012 AMS Annual Meeting. If you are interested in participating in either (or both) of these competitions, please contact Prof. Baldwin ([baldwin@purdue.edu](mailto:baldwin@purdue.edu)) by Friday January 27.

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## A NOTE FROM OUR ACADEMIC COUNSELOR Butler University 24th Annual Undergraduate Research Conference

Butler University's 24th Annual URC (Undergraduate Research Conference) will be held in Indianapolis, IN, Friday April 20th, 2012. Butler University invites undergraduates involved in research projects to present their work at the conference. Submission **Deadline:** No later than Friday, **February 10th**, 2012. For more information, visit [www.butler.edu/urc](http://www.butler.edu/urc).

### Class of 1937 Scholarship

Each year, 15-20 scholarships ranging from \$500 to \$4,000 are given to students through funds from the Class of 1937. Selection is made on the basis of leadership activities while at Purdue. Students who will be sophomores, juniors or seniors during the 2012-13 school year are eligible to apply. An application form is available online by going to [www.purdue.edu/odos](http://www.purdue.edu/odos) and then clicking on "Scholarships." Applications also are available at the Office of the Dean of Students in Schleman Hall, Room 207; Purdue Student Government office, Stewart Center, Room G6; or at the Black Cultural Center. The deadline for applications to be returned to the Office of the Dean of Students is 5 p.m. **Feb. 17**. Late applications will not be accepted. For more information, call 49-41252 or email [lahamilton@purdue.edu](mailto:lahamilton@purdue.edu).

### Alpha Chi Omega Scholarship

Applications are available for the Purdue University Alpha Chi Omega chapter scholarship, which is awarded each year to a student whose college career has been touched by the arts. The annual scholarship, which was endowed in 2002, is awarded to a Purdue student who has demonstrated excellence in visual or performing arts either through a major in arts or as a non-arts major who is eligible through participation in campus arts organizations. Applications must be submitted by **February 10**. Freshmen, sophomores and juniors with a minimum grade point average of 3.0 and a previous semester index of 2.5 are eligible. The scholarship will be awarded for use during the 2012-2013 academic year.

### Literary Awards

The Common Reading Program Award competition is on for the best creative writing work, essay, or multi-media writing reflecting how *The Immortal Life of Henrietta Lacks* relates to the college experience or future endeavors. (This is restricted to first-year and transfer students). Prizes: Creative Writing, Essay: \$150 (1st); \$50 (2nd). Multi-media Writing: \$150 (1st); \$50 (2nd). For more information please visit:

<http://www.cla.purdue.edu/english/literaryawards/>.

The award is listed in the Expository and Critical Writing category. Video Submissions should be less than 10 minutes and can be provided to the committee as a YouTube link or a CD. **Deadline for submissions (must be received in the English**

**Dept by this date) is Friday, February 17, 2012.**

Applications are available at Yue-Kong Pao Hall of Visual and Performing Arts, Purdue Musical Organizations, Purdue Bands, Office of the Dean of Students, Students Activities and Organizations, Black Cultural Center and the Office of the Vice President of Student Affairs.

### HAPPY BIRTHDAY!!!

Harshvardhan – January 1

Qianlai Zhuang – January 2

Matt Huber – January 10

John Cushman – January 19

Alex Kubacki – January 28

Tom Tharp – January 28



### 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/](http://www.purdue.edu/eas/) and **Click on News** to access active links as needed. Material for inclusion in the newsletter should be submitted to Suzanne Zurn-Birkhimer ([zurnbirk@purdue.edu](mailto:zurnbirk@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](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>.



# 2012 AMS Meeting

**Presentations by  
Faculty and Students**



**Purdue University  
West Lafayette, IN**



## Sunday, 22 January 2012

### **5:30 – 7:00 PM: AMS Student Conference and Career Fair Hall E (New Orleans Convention Center)**

*S2: Variability in Atmospheric Thermodynamic Soundings (VATS)*

**Jacob P. Banitt**, Purdue University, West Lafayette, IN; and D. G. Burgin, J. A. Crespo, J. R. Gimbel, A. S. Hartman, A. D. Hendricks, J. P. Heuss, K. A. Hudson, R. T. Knutson, B. T. O'Neill, A. E. Orton, B. Pan, J. M. Parish, A. M. Person, B. S. Westfall, Z. T. Zobel, and S. Lasher-Trapp

*S28: Satellite and Analysis Based Examination of the Warm Conveyor Belt in An Extratropical Cyclone*

**Juan A. Crespo**, Purdue University, West Lafayette, IN; and D. J. Posselt

*S48: Estimating Summertime Evapotranspiration Across Indiana*

**Johnny Nykiel**, Purdue University, West Lafayette, IN; and K. Scheeringa and D. Niyogi

*S58: Upscaling Effects of Supercell Thunderstorms: Joplin and Tuscaloosa Case Studies*

**Joseph M. Woznicki**, Purdue University, West Lafayette, IN; and R. J. Trapp

*S79: Local Wind Farm Effects on Diurnal Variations*

Paul R. Brandt, Purdue University, West Lafayette, IN; and T. R. Egan, B. J. Harvey, **K. K. Kiefer**, R. Meiszberg, J. S. Neuffer, J. M. Starrett, T. C. Ward, J. M. Woznicki, and K. H. Min

*S99: Wind Farms and Their Effects on Soil Moisture*

**Kristen E. Fischer**, Purdue University, West Lafayette, IN; and G. Hartman, J. Nykiel, J. M. Palac, N. Rueter, C. K. Simpson, and K. H. Min

*S104: The Effects of ENSO on Indiana Weather and Climate*

**Gianna Hartman**, Purdue University, West Lafayette, IN; and A. Pearson, R. T. Knutson, and D. Niyogi

*S136: A Proposed Method to Objectively Identify and Characterize Frontal Zones*

**Kimberly Hoogewind**, Purdue University, West Lafayette, IN; and M. E. Baldwin

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## Monday, 23 January 2012

### **2:30 – 4:00 PM Hall E (New Orleans Convention Center)**

*232: Profiling the Antarctic Atmosphere Using the GPS Radio Occultation Technique From Stratospheric Balloons*

Jennifer S. Haase, Purdue Univ., West Lafayette, IN; and **J. Maldonado-Vargas**, F. Rabier, P. Cocquerez, M. Minois, V. Guidard, P. Wyss, A. Johnson, and B. J. Murphy

*234: Moisture Transport Measurements Using Ground Based GPS and Their Relation to Topographically Modified Sea Breeze Circulation At Mayaguez, Puerto Rico*

**Ryan Meiszberg**, Purdue Univ., West Lafayette, IN; and G. A. Villamil, J. S. Haase, K. H. Min, M. R. Jury, J. J. Braun, R. J. Trapp, M. E. Baldwin, N. S. Flecha, R. Rios, A. D. M. Nieves, K. A. Demchak, M. J. Dixon, B. M. Doogs, K. E. Fischer, B. N. Herrholtz, E. D. Larson, T. M. Lucko, C. K. Simpson, K. W. Van Leer, and J. M. Woznicki

### **4:00 – 5:30 PM Room 346/347 (New Orleans Convention Center)**

*3.2: (4:30PM) Using the Model Evaluation Tools (MET) with Python*

**Michael E. Baldwin**, Purdue Univ., West Lafayette, IN; and S. L. Harrell

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## Tuesday, 24 January 2012

**1:30 – 3:00 PM**

**Room 340 and 341 (New Orleans Convention Center)**

*6.1: (1:30PM) Hybrid Ensemble-3DVar Radar Data Assimilation with the NCEP GSI Assimilation System and the Non-Hydrostatic Multiscale Model on the B-Grid*

**Jacob R. Carley**, Purdue University, West Lafayette, IN; and D. F. Parrish, M. E. Baldwin, and S. Liu

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## Wednesday, 25 January 2012

**2:30 – 4:00 PM**

**Hall E (New Orleans Convention Center)**

*630: Convective Mode Prediction Using Boundary/Shear Vector Orientation: An Evaluation of Tornado Events From the 2011 Season*

**Kimberly Hoogewind**, Purdue University, West Lafayette, IN; and M. E. Baldwin

**4:00 – 5:45 PM**

**Room 242 (New Orleans Convention Center)**

*TJ20.2A: (4:15PM) Automated Tracking and Analysis of Convective Weather Systems Using the Binary Baddeley Image Metric*

**Benjamin R. J. Schwedler**, Purdue Univ., West Lafayette, IN; and M. E. Baldwin

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## Thursday, 26 January 2012

**8:30 – 9:45 AM**

**Room 238 (New Orleans Convention Center)**

*8.1: (8:30AM) Improving the Actual Coverage of Subsampling Confidence Intervals for Parameters of Atmospheric Time Series*

Alexander Gluhovsky, Purdue University, West Lafayette, IN ; and **T. Nielsen**

**8:30 – 9:45 AM**

**Room 352 (New Orleans Convention Center)**

*5.3: (9:00AM) Assessing 21st Century Changes in Flood Risk Related to Climate Change Along the Upper Mississippi River, USA*

**Keith A. Cherkauer**, Purdue University, West Lafayette, IN; and S. M. Rutkowski and J. W. F. Remo

**1:30 – 3:00 PM**

**Room 350/351 (New Orleans Convention Center)**

*J18.5: (2:30PM) Assessing the Uncertainty in Simulating Climate Change Impacts on Hydrological Processes Using Multiple Downscaling Methods: Application to the Lake Michigan Region*

**Wei-Chih Chen**, Purdue University, West Lafayette, IN; and K. Cherkauer and K. Hayhoe



The Nation's Oldest Academic Honor Society  
**The PHI BETA KAPPA Society**  
Founded December 5, 1776

*presents:*

***Prof. Richard Shweder***

*William Claude Reavis Distinguished Service Professor of Human Development,  
University of Chicago*

**When Cultures Collide:  
The Moral Challenge in Cultural Migration**

Monday, January 30, 2012

7:30 pm

Beering Hall 1230

Coming to terms with diversity in an increasingly multicultural world has become one of the most pressing public policy projects for liberal democracies in the early 21<sup>st</sup> century. One way to come to terms with diversity is to try to understand the scope and limits of toleration for variety at different national sites where immigration from foreign lands has complicated the cultural landscape. This lecture examines a series of legal and moral questions about the proper response to norm conflict between mainstream populations and cultural minority groups in the United States, with special reference to a famous Supreme Court Case concerning the prosecution of Amish families in Wisconsin for refusing to send their children to high school.



Richard Shweder is a cultural anthropologist and the William Claude Reavis Distinguished Service Professor of Human Development at the University of Chicago. He is author of *Thinking Through Cultures* and *Why Do Men Barbecue? Recipes for Cultural Psychology*; the editor/coeditor of *Culture Theory: Essays on Mind, Self and Emotion*; *Metatheory in Social Science*; *Ethnography and Human Development*; and *Welcome to Middle Age! (And Other Cultural Fictions)*; and the editor-in-chief of *The Child: An Encyclopedic Companion*. He is also the coeditor of two books that examine the scopes and limits of robust cultural pluralism, *Engaging Cultural Differences: The Multicultural Challenge in Liberal Democracies* and *Just Schools: Pursuing Equality in Societies of Difference*.

Professor Shweder is visiting Purdue on January 30-31 as part of Phi Beta Kappa's Visiting Scholars Program. His visit is supported by the Purdue Phi Beta Kappa Chapter, the Colleges of Liberal Arts and Science, and the Departments of Anthropology and Psychological Sciences.



TO: Academic Deans, Directors, Department Heads and Faculty Members

FROM: Provost Tim Sands



RE: Community of Service Learning Faculty Fellows Grant Program

DATE: January 17, 2012

Once again, the Office of the Provost is requesting applications for Purdue's *Community of Service Learning Faculty Fellows Grant* program from eligible faculty members. As you know, the Purdue Strategic Plan's goals include expanding and institutionalizing Service-Learning into the fabric of academic life at Purdue University. Faculty leadership is the key to achieving this. This grant is designed for faculty members who have demonstrated a strong commitment to, and desire to play a leadership role in Service-Learning. Up to five faculty members will be chosen for this round of grants, each grant for \$5000. Grant recipients will work alongside the campus Service Engagement Advisory Board and the Center for Instructional Excellence.

This *Community of Service Learning Faculty Fellows Grant* program is the second of two Service Learning programs begun on our campus, the other being the *Service Learning Faculty Development Grant* program launched in fall 2003. Between these two programs, one hundred and thirty-one faculty members, representing all ten of our campus academic colleges and schools, have been awarded grants to date.

This continued commitment of resources contributes to our goal of building a cadre of Service-Learning faculty leaders. If you feel you have interest in contributing to this effort, I encourage you to submit an application for the *Community of Service Learning Faculty Fellows Grant* Program.

Applicants must submit a completed proposal to CIE, 730 YONG, on or before Friday, February 17. Application instructions and a cover page template are attached. For questions regarding the application or the grant itself, please contact the Center for Instructional Excellence (6-6422).

Attachments: Guidelines  
Application instructions  
Cover page template

## *GUIDELINES*

### COMMUNITY OF SERVICE LEARNING FACULTY FELLOW GRANT PROGRAM

Goal: The overall program goal is to build on Purdue University' Strategic Plan by institutionalizing Service Learning into the academic fabric of the campus. To accomplish this, the Office of the Provost created a community of experienced faculty members who have demonstrated their commitment to extensively expanding Service Learning assignments, projects, courses and curricula throughout the campus. Those selected will be known as *Service Learning Faculty Fellows*.

These *Service Learning Faculty Fellows* will have demonstrated leadership and advocacy for Service Learning in their discipline. Once selected, they will take their leadership and advocacy roles to a campus-wide level, ultimately becoming campus-wide Service Learning resources themselves. They will have contributed to the Scholarship of Teaching and Learning (SoTL)\* in the area of Service Learning, and will be expected to use their expertise to enable other Purdue faculty to make the same contributions.

We select a maximum of five faculty fellows each year. We envision that the Community of Service Learning Faculty Fellows will continue to be funded by the Office of the Provost for many years to come.

\*SoTL: *Applying and making public, assessment and/or research on one's classroom teaching and students' learning.*

Plan: During the spring 2012 semester, a request for applications will be disseminated by the Service Engagement Advisory Board (SEAB) on all Purdue campuses. Up to five, \$5000 grants will be awarded. Those chosen will be known as *Service Learning Faculty Fellows* and will make up the *Community of Service Learning Faculty Fellows* program. In return for the \$5000 stipend, *Service Learning Faculty Fellow* awardees will participate in both, on-campus and off-campus workshops and/or seminars, ultimately facilitating faculty development Service Learning workshops and seminars themselves. They will be expected to provide 1:1 consultation with newly awarded *Service Learning Faculty Development* awardees as well as with faculty interested in this pedagogy.

The basis for the selection of *Service Learning Faculty Fellows* will be documentation of significant contributions to the pedagogy of Service Learning along with evidence, i.e., peer and/or student evaluation results, of sound teaching. These contributions must demonstrate the academic and pedagogical rigors of Service Learning as advocated in the national and statewide *Campus Compact* guidelines\*\* as well as those from the campus Service Engagement Advisory Board (SEAB). Priority will be given to applications from faculty who are tenured or on the tenure-track.

The Service Engagement Advisory Board and the Center for Instructional Excellence (CIE) will manage the program and coordinate the activities of the *Service Learning Faculty Fellows*, providing them a ‘home base’ in CIE for the work that they do.

\* It is not expected that the criteria for selection will be changed, though the SEAB reserves the right to make that judgment.

Grant Levels:

Grants will be \$5000 apiece and will be awarded to a maximum of five applicants during the 2012 spring semester.

Expected Uses of Funds:

1. Funds may be used for salary buyout, e.g., summer salaries and TAs in return for development of Service Learning instructional components, as well as honoraria for guest speakers.
2. Funds may be used for travel needed to provide the Service Learning activities of the *Service Learning Faculty Fellows*.
3. Funds may be used for materials, supplies, publicity, printing and postage for the Service Learning activities of the *Service Learning Faculty Fellows*.
4. Refreshment costs may be allowed when justified as a specific activity of the Service Learning undertaken.

**\*\*“Principles of Good Practice for Service Learning Pedagogy”**

**Principle 1.** Academic Credit is for Learning, Not for Service

**Principle 2.** Academic Rigor has Not been Compromised

**Principle 3.** Academic and Civic Learning Objectives have been Established

**Principle 4.** Criteria for Selecting Service Placements have been Established

**Principle 5.** Educationally Sound Learning Strategies to Harvest Community Learning and Realize Course Learning Objectives have been Provided

**Principle 6.** Students have been Prepared for Learning from the Community

**Principle 7.** The Students’ Community Learning and Classroom Learning Roles are Minimized

**Principle 8.** The Faculty Instructional Role has been Rethought

**Principle 9.** Variation in, and Some Loss of Control with, Student Learning Outcomes have been Planned for

**Principle 10.** The Community Responsibility Orientation of the Course has been Maximized



Community of Service Learning Faculty Fellows Program  
(\$5000)

Request for Application

*The purpose of this grant is to select faculty members who have demonstrated successful contributions to teaching and discovery, in general, and service learning, specifically, and who wish to commit themselves to a campus-wide Service Learning leadership and advocacy role. In their application successful applicants are expected to demonstrate a working knowledge of Service-Learning.*

Application Requirements:

Applicants must submit a complete proposal to CIE, 730 YONG by Friday, February 17, 2012. The application must consist of the following components:

1. An application cover sheet.
2. A two to four page, double-spaced, 12-font description of the applicant's
  - Service Learning course description(s) indicating
    - i. ongoing community service activity(ies)
    - ii. syllabi (please enclose in addition to this 2-4 page description)
    - iii. systematic and regular reflection reporting and/or assessment of the service experience by both instructor, community (impact) and students
    - iv. community agency(ies) with whom students worked
    - v. follow-up mechanisms employed
  - Extra-curricular contributions to Service & Service Learning.
  - Articles and/or texts on Service Learning experiences submitted and accepted for publication.
  - Statement describing applicant's rationale for qualifying for grant
3. A 50-word description of how applicant plans to spend award.
4. Letter of support from department chair/head or school dean.

*The award recipient **must**:*

1. Participate in a 2-4 hour Service Learning retreat scheduled for **March 2012 (tba)**.
2. Beginning in **October 2012**, participate in monthly luncheon/seminars for the academic year.
3. Be available for future Service Learning initiatives such as assessment and evaluation efforts, conference presentations, and contributions to publications on Service Learning practices, innovations and lessons learned;
4. Contribute and continue to contribute to the assessment of the student learning experience on the community and/or state (impact); and
5. Consult 1:1 with instructors desiring to begin Service Learning courses.

**Office of Engagement  
2012 Community of Service Learning Faculty Fellow Awards  
(\$5000)  
*for Individual Faculty Members***

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**APPLICATION COVER SHEET**

Name:

Title:

Department:

Telephone:

E-Mail:

50 word description of budget usage:

Signature of Applicant indicating commitment to CSLFF program as outlined in ROA:

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Dean or Department Head Signature of Support: \_\_\_\_\_

**Submission Deadline: Friday, February 17, 2012**

Submit proposal to:

Service Engagement Advisory Board  
c/o Assistant Director  
Center for Instructional Excellence  
Ernest C. Young Hall, Room 730  
155 S Grant Street  
West Lafayette, IN 47907-2114

[jvelasqu@purdue.edu](mailto:jvelasqu@purdue.edu)