

PURA News

Purdue University Retirees Association

May 2018

Purdue Global Education Benefit Available for Official Retirees

Purdue University recently announced a new educational tuition benefit available to official retirees through the newly established Purdue University Global (PG) online university.

Official retirees from any Purdue system campus can take advantage of the tuition benefit to pursue certificates, associate, bachelors and masters degrees tuition free. Purdue Global offers more than 100 degree and non-degree programs to choose from.

Spouses and dependents of official retirees as defined in Policy VI.A.1: Status and Privileges of Retired Faculty and Staff, Surviving Spouses and Surviving Children are provided the opportunity to pursue a degree online from Purdue Global and receive a partial fee remission.

Before beginning the enrollment process, there are few things to know and do.

1. Review the PG Education Benefits Guidelines, the PG Education Benefit Manual, and FAQs located at <https://www.purdue.edu/hr/Benefits/currentEmployees/feeRemission/index.html>, which provides more details about the PG Education Benefit, program requirements, and specific tuition discounts by program.
2. Next, complete the Intake Form located at <http://www.purdue.edu/hr/Benefits/currentEmployees/feeRemission/doc/EducationalBenefitIntakeForm.pdf>. Be sure to fill in the program of study and desired start date you are interested in – which will allow the appropriate admissions advisor to reach out and reduce potential delays in form processing.
3. Email your completed Intake Form to edbenefits@purdueglobal.edu.
4. Once a completed intake form is submitted, an admissions advisor will call to help complete the admissions process. Due to the volume of interest and individualized attention, the advisor's response may take up to six business days.

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Professor Emeritus Sam Postlethwait Celebrates 100 Years

In April, Samuel Postlethwait celebrated his 100-year milestone at a reception at the Celery Bog park's Lilly Nature Center. Sam is a retired professor emeritus from the Department of Biology (now Biological Sciences).



A World War II veteran and Navy submarine officer, Sam earned his PhD in Botany from the University of Iowa in 1949. He taught public school in West Virginia and was an instructor at the State University of Iowa before coming to Purdue.

Many of his teaching strategies are in the forefront of learning today: including individualizing and making instruction interactive in large classes of students with diverse educational backgrounds; using peer leaders in

small group workshops; developing multimedia to engage students in more active learning; developing learning centers where students can interact with course resources and peer leaders outside lecture periods; and integrating labs and lectures to teach students about how scientists “do science.”

Also active in community service, for 25 years he served as Chair of the Youth Services Committee for Kiwanis International (an organization that serves the needs of children in communities through local service projects and fundraising).

He's a long-time supporter and volunteer at the Celery Bog and Lilly Nature Center, in West Lafayette. He led a trail walk every Tuesday for 10 years, has produced poster displays and DVDs detailing the history of the bog and nature center, and developed a trail plant identification book of plant photos.

Congratulations, Sam!

Congratulations, Kiana!



PURA's Jischke Scholar, Kiana Bowen, was on the Dean's List again this semester. Kiana is studying computer graphics design and animation in the Purdue Polytechnic Institute.

She is excited about her major and is a determined and dedicated student and young woman. How many of us when we were students got up at 5:30 in the morning to work out at the Co-Rec?

This summer she plans to go home to Columbus, Indiana to be with her family and work. She hopes she will be able to use some of the new skills she has learned at Purdue.

Parking Facilities Has Relocated

To Materials Management and Distribution Center (MMDC), 700 Ahlers Drive, near the intersection of South Russell Street and Ahlers Drive in West Lafayette.

Phone numbers and email addresses for staff will remain the same. Parking Facilities can be reached at 765-494-9497 or parking@purdue.edu from 7:30 a.m. to 4:30 p.m. Monday through Friday.

Purposeful Living in Retirement Conference a Big Success!

The PURA Purposeful Living in Retirement (PLIR) Conference was held on April 18 at the Beck Agricultural Center in West Lafayette. There was a record attendance of 238! Members and guests enjoyed presentations from 8 speakers plus humor and arm chair exercise breaks, over 22 vendors, a continental breakfast and box lunch. There were 30 lucky door prize winners.

The program included sessions on "Staying Independent," "Securing Your Home, Cell phones, and Protecting Your Tech," "What Older Adults Need to Know about Dietary Supplements," "Empathy: Cues and Clues," the "Indiana Caregivers Act," and an "Update on Health Insurance and other PURA Membership Benefits." Interested members were able to register for the License Plate Recognition system being instituted on campus. Purdue Holiday ornament sales brought in \$390 to be deposited in the PURA Student Scholarship Endowment fund.

MARK YOUR CALENDARS: The 2019 PLIR Conference will be held April 17, 2019. This conference is the best bargain in town!



Reminder: Register for Spring Fling by May 11

Spring Fling will be held on Thursday, May 24, at the Córdova Recreational Sports Center. Purdue welcomes retirees to attend and participate in scheduled events or work as a volunteer. If you haven't already done so, please register online at:

www.purdue.edu/springfling

Online registration is preferred, however, if you cannot register online, please print the registration form found on the PURA website, www.purdue.edu/retirees, complete and return it by May 11, 2018.

PURA Visits Purdue CEPF and Greenhouses



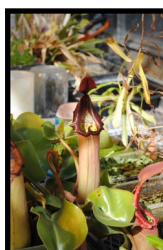
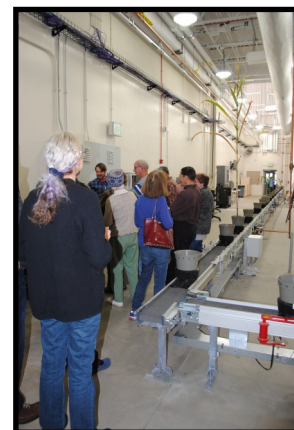
In March, PURA members toured Purdue's new Controlled Environment Phenotyping Facility (CEPF) and Lilly Hall greenhouses, and learned how they are used for research and teaching.

The phenotyping facility had just completed construction and initial testing, and the facility manager/tour guide, Chris Hoagland, has high hopes about it's potential to foster and enhance research.

The facility's growth house can reproduce any environment in the world, precisely controlling nutrients, temperature, humidity, water, and light. Automated conveyors move plants in and out of the growth house, past multiple imaging stations, where height, top view, and side view images may be captured. Biomass (size), color, pigmentation, chlorophyll fluorescence, and multispectral imaging can be captured and analyzed by the Zegami Plant Phenomics Suite software, which can select, sort and analyze data visually. Scientists will be able to generate and inter-rogate complex graphs using this software.

The greenhouses date from the 1950's, and provide about 50,000 sq. ft. of growth space under glass. Faculty have dedicated spaces to perform and support research, for instance, growing seeds for field testing, or testing the efficacy of herbicides and pesticides.

Additionally, several greenhouses are dedicated to plant collections used in teaching, including a "desert biome" with a 40+ year old agave, and a carnivorous plant collection. The greenhouses also grow plants to order, providing faculty with specimens for use in classes.



April MCL Speaker Discusses Purdue Explosives



The April MCL PURA meeting featured Stephen Beaudoin, professor of chemical engineering and Director of the Energetics Research Center at Purdue. He gave an overview of the work on energetics, defining the word as "things that go BOOM!"

The Purdue team is very interdisciplinary, utilizing all engineering departments as well as chemists and economists.

Currently it is considered the leader in the world for its innovative work with a budget of over 20 million dollars

and cooperates with many industries and every unit of the armed forces in the U.S.

Research at Purdue covers both defensive and offensive energetics. Protection devices, such as body armor, are examples of defensive energetics, while developing better weapons is an example of offensive energetics.

Purdue was instrumental in the development of the swabs used at some airports on one's hands during check-in at security. The swabs can detect tiny residues of explosive materials with 90% accuracy days after contact with an explosive material. This then leads to further investigation of the person and their carry on and checked baggage.

Aircraft are being developed that will not need a person to fly them to more safely deliver explosives to a target.
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May Campus Calendar

Academic:

- May 5—Spring Semester Ends
- May 11-13—Commencement exercises.
- May 14—Summer Module I begins.
- May 28—Memorial Day, no classes.
- June 11—Summer Module II begins.
- June 18-July 13—STAR new student orientation program.
- July 4—Independence Day, no classes.
- July 9—Summer Module III begins.
- August 4—Summer commencement exercises.

Music:

- May 12—Varsity Glee Club End of Season Concert.** 7:30 p.m. Long Center, 111 N. Sixth St., Lafayette. Tickets (general admission; doors open at 6:45 p.m.): adults, \$20; students, \$10.

Exhibitions:

- April through July—“The Sixties”.** Virginia Kelly Karnes Archives and Special Collections Research Center, fourth floor, Stewart Center (enter from HSSE Library). Semester hours (through May 4) 10 a.m.-4:30 p.m. Summer hours (May 7-Aug. 17): 1-4:30 p.m. Monday.

The library also has online exhibits; go to <https://www.lib.purdue.edu/spcol/exhibits>

Current—Lawson Computer Science Building. Open during building hours.

“Experience Color: Algorithm & Expression,” by Petronio Bendito, associate professor of visual and performing arts. Second floor.

“The Intersection of Art and Science,” curated by Bendito and Tim Korb, retired assistant head of the Department of Computer Science. Third floor:

Athletics:

Baseball: Alexander Field.

- May 4**—Men’s Baseball v. Northwestern. 6:00 pm.
- May 5**—Men’s Baseball v. Northwestern. 6:00 pm.
- May 6**—Men’s Baseball v. Northwestern. 1:00 pm.
- May 8**—Men’s Baseball v. Ft. Wayne. 6:00 pm.
- May 15**—Men’s Baseball v. Oral Roberts. 6:00 pm.
- May 17**—Men’s Baseball v. Michigan. 6:00 pm.
- May 18**—Men’s Baseball v. Michigan. 6:00 pm.
- May 19**—Men’s Baseball v. Michigan. 1:00 pm.

Ticket Information:

<http://www.purduesports.com/tickets/tickets-m-basebl.html>

Purdue Global Benefit for Official Retirees

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Purdue University Global Resources

To view Purdue Global programs offered, visit Purdue Global at www.purdueglobal.edu. For program of study assistance call 844-787-3834.

Policy VI.A.1: Status and Privileges of Retired Faculty and Staff, Surviving Spouses and Surviving Children is located at <http://www.purdue.edu/policies/human-resources/via1.html>.

For questions regarding the PG Education Benefit, visit the Purdue Global Education Remission Benefit website at: <https://www.purdue.edu/hr/Benefits/currentEmployees/feeRemission/index.html> or email the Bursar at remissions@purdue.edu.

April MCL Speaker *(continued from page 3)*

Mine bombs left behind on previous battle fields can be exploded by drones using sound waves to disarm them, which eliminates the need for a soldier for that task. Detonating them helps prevent terrorists from retrieving and reusing the bombs. The Purdue team figured out how to use lasers (up to 10,000 per second) to shine light through the fire and smoke plumes of bombs to better understand how the energy is being disbursed.

Professor Beaudoin emphasized all their research focuses on the lifecycle of the energetic, from the conception of an idea to fruition, to address the products that will be sustainable at a reasonable expense.

Mark Your Calendars!

4 May PURA tour of new Purdue football facility.

7 May PURA Monthly Meeting, MCL Cafeteria, 11 am.

Topic: The Art Museum of Greater Lafayette—Past, Present and Future

Speaker: Kendall Smith, Executive Director

24 May Spring Fling, Cordova Recreational Center.

4 June PURA Monthly Meeting, MCL Cafeteria, 11 am.

Topic: Cyber Forensics

Speaker: Mark Rogers, Purdue Engineering Computer Network

2 July PURA Monthly Meeting, MCL Cafeteria, 11 am.

Topic: Food Safety

Speaker: Charles Santerre, Purdue Professor of Food Science

6 August PURA Monthly Meeting, MCL Cafeteria, 11 am.

Topic: Purdue University Global

Speaker: Jon Harbor, Purdue Professor of Earth and Atmospheric Sciences, Associate Vice Provost/Director Digital Education

17 September PURA Fall Kickoff Luncheon.

PURA News

The Purdue University Retirees Association newsletter is published for official retirees of Purdue University, and prepared by the PURA Communications Committee.

Suggestions or ideas for PURA or the newsletter, and changes of address and email, should be referred to:

Office of Retiree Affairs

1281 Win Henschel Blvd., Suite 1100

West Lafayette, IN 47906-4182.

Telephone: 765-494-1779 or (toll free) 877-725-0222.

Email: masalla@purdue.edu.

2016-2018 PURA Communications Committee:

Co-Chairs: Karen Lembecke, Suzanne Collins

Members: Connie Bilyeu, Bill Evans