

# PURA News

Purdue University Retirees Association

March 2021

## DON'T MISS THIS ONE!

### **Purposeful Living in Retirement- April 21, 2021 “Drugs in the Pipeline for Treating Human Disease”**

Dr. Philip Low, Presidential Scholar for Drug Discovery and Ralph C. Corley Distinguished Professor of Chemistry at Purdue University

Dr. Low is an outstanding, internationally recognized scientist and speaker whose lab specializes in “targeted therapeutics”. His lab designs the techniques needed to identify specific ways to interrupt disease processes. During this presentation, Dr. Low will address therapies to treat cancers, viral diseases, fibrotic diseases, autoimmune diseases, bone fractures, and more. By targeting the specific area through which the disease process is set to replicate, the therapies help prevent side effects associated with many disease treatments. Dr. Low has devoted over 45 years to developing novel drugs for treatment of human diseases in characterizing the structure, function and pathologies of the human red blood cell.



#### What is different about the PLIR this year?

- The conference will take place on April 21, 2021 from 1 to 2 p.m. ET.
- The format for this year’s virtual PLIR conference will offer one single presentation.
- The presentation will be offered online.
- A link will be provided via email in advance of the presentation.
- Your video will not be on screen.
- You will have the opportunity to submit questions through a chat function during the presentation.
- There will not be a printed mailing this year. Invitations will be emailed on March 30; you may forward to other guests if you so desire.
- Registration will be required to attend the presentation (see below).

#### How Do You Register?

Registration for this **FREE** session will open on **March 30, 2021 at 8:00 a.m. ET**. An invitation will be sent via email on March 30, 2021 from the Purdue University Retirees Association, [pura@purdue.edu](mailto:pura@purdue.edu). You may also visit the Purdue for Life Events Portal page directly to register, by visiting [connect.purdue.edu/s/events](https://connect.purdue.edu/s/events).

#### What’s Inside:

##### Regular Features

|  |    |
|--|----|
| Norm’s Notes: PURA Business, Purdue Computer/Software Program Discontinued ..... | 2  |
| Confessions of a Book Addict .....   | 6  |
| PURA Tech Bytes: Passwords!!!! .....   | 7  |
| Road Trip! Kankakee Sands .....  | 8  |
| True Tales of an Entomologist .....  | 9  |
| Mark Your Calendar: PURA Events .....  | 9  |
| March Campus Calendar .....  | 10 |

##### Articles

|  |    |
|--|----|
| April 21, 2021 PLIR Virtual Presentation .....                 | 1  |
| Mar. PURA Monthly Meeting: Climate Change 2021 .....           | 2  |
| Retiree Directory/PURA Web Site News .....                     | 2  |
| Special Event: David Sanders Discusses COVID-19 Vaccines ..... | 3  |
| Day Recommended for PURA President-Elect .....                 | 3  |
| Proposed PURA By-Laws Changes .....                            | 3  |
| PURA’s Student Scholars Speak Out .....                        | 4  |
| 2021 Purdue Day of Giving: April 28 .....                      | 5  |
| Flaky Skin .....   | 6  |
| Notable Historic March Events .....                            | 10 |
| Zoom Connection Information for PURA Meetings .....            | 11 |

## March 1 Zoom Meeting Topic: Climate Change 2021: An Update on Impacts and Solutions



The year 2020 was the hottest ever on land, and one of the hottest ever for the globe. This presentation will briefly discuss causes and impacts of climate change, and highlight some of the technological developments that will help society slow the rate of warming.

Jeffrey Dukes directs the Purdue Climate Change Research Center and is a professor in Purdue's Departments of Forestry and Natural Resources and Biological Sciences. He holds the Belcher Chair for Environmental Sustainability in the College of Agriculture.

Dr. Dukes' research examines how plants and ecosystems respond to a changing environment, focusing on topics from invasive species to climate change. Much of his experimental work seeks to inform and improve climate models.

Dr. Dukes received a Ph.D. from Stanford University and a bachelor's degree from Brown University, both in Biological Sciences. He has been elected a Fellow of the American Association for the Advancement of Science and the Ecological Society of America. As the director of the Purdue Climate Change Research Center, he has led the Indiana Climate Change Impacts Assessment.

Please join PURA for our monthly virtual program via Zoom on **Monday, March 1, 2021**. The program will begin at 12:45 p.m. ET and end around 1:30 p.m. ET. Log in information is included again on the last page of this newsletter.



### Norm's Notes:

#### PURA Business

This month brings about preparations and plans for the April 5th annual PURA business meeting. The COVID-19 situation prompted modifications to the way in which we manage elections and adjustments, reflected in the proposed changes to the By-Laws.

We will be hosting the PURA annual business meeting via a Zoom call. You will have an opportunity to cast your vote for the officers and for the By-Laws through a specialized software program.

The slate of officers proposed for our next fiscal year which begins July 1st, includes the following:

President — Bill Bennett  
President-Elect — Jerry Day  
Secretary — Judy Ware  
Treasurer — Lucia Anderson  
Historian — Sue Hume Graham  
Past President — Norman Long

Resume for the proposed President-Elect, Jerry Day, is included on page 3 for your reference prior to the meeting. Also on page 3, you may review the proposed By-Law changes.

#### Purdue Computer Equipment/Software For Retirees Discontinued

One last note. A member raised the question whether software and/or computer equipment was still available for retirees through Purdue. Upon investigation we have learned that the entire program has been abandoned and is no longer available.

#### Your Feedback Is Welcomed

As has been our policy, we welcome your thoughts, comments and feedback regarding the PURA organization, our Zoom calls and ideas to further enhance the program for the PURA family.

Until next time...

With kindest regards and best wishes,  
Dr. Norman D. Long  
PURA President

#### PURA Web Site/Retiree Directory News

Our new co-webmasters, Julie Kercher-Updike and Jennifer Redden, are coming up to speed on use of the web maintenance tool. We so appreciate they've stepped forward to help! Though our site, [www.purdue.edu/retirees](http://www.purdue.edu/retirees), is not yet up to date, we're making progress. We'll continue to keep you posted on its status.

Additionally, a reminder that the Retiree Directory formerly in use is no longer available, due to a major system change completed by University Development in mid-January. The link still appears on the PURA home page but is not functional. The new system will provide similar functionality. We'll make an announcement and provide instructions for use when it is ready.

## Late Breaking News—Special Event: Vaccines for SARS-CoV-2, the Virus that Causes COVID-19

Join PURA on Monday, March 15, at 12:00 noon ET, as Professor David Sanders discusses the vaccine approaches for immunization against SARS CoV-2 and explains how they directly mimic aspects of the viral life cycle. He will also address the process by which the

vaccines were tested and authorized, and distribution issues.

Check your email for Zoom meeting connection information, to be sent via email a few days before the presentation. The event has been organized by the PURA Campus and Community Committee.

*(Professor Sanders' background information appears on page 11.)*

## Day Recommended For PURA President-Elect

After careful consideration, the PURA Nominating Committee recommends Jerry Day for the position of President Elect for 2021-2022 and PURA President for 2022-2023.

Jerry and his wife Linda are both graduates of Purdue University and have lived in the Lafayette community since then. They have two adult married sons who are also Purdue graduates, one a doctor in Lafayette, the other working and residing in Columbus, Ohio. The Days are longtime members of St. Thomas Aquinas Church, the Newman Center at Purdue, where Jerry taught religious education while his sons were growing up.

Since his retirement from Purdue in 2017, he has become active on both the church facilities committee and the finance council. Recently he has also served as a Purdue student's mentor through the Esteem program sponsored by the church.

Although never involved in Boy Scouting as a youth, Jerry became very active with his two sons as they moved through the Scouting program to Eagle. He was recognized with the District Award of Merit, the Hall of Fame Award

and the Silver Beaver in recognition of his many contributions to the youth of the community. Along with both his sons, Jerry was inducted into Scouting's honorary, became a Vigil Honor member, was chapter advisor for four years and was a 2010 Founder's Award Recipient.



Day began his career at Purdue while still a student, working first in the Cary Quad dining halls, then as a residence hall counselor in Fowler Courts, then as a housing intern under Bill Berner, and as a residence hall assistant manager at Cary Quad under Jim Burwell. In 1977 Day made the move to the Purdue Memorial Union to become an assistant director and manager of the Union Club Hotel where he served until his retirement.

Today he is still active with a group of PMU Retirees acting as their communication coordinator. He has also become active in PURA on the program committee, currently serving as its chairman.

## Proposed PURA By-Laws Changes

The Purdue Retirees Association Executive Board has reviewed the By-Laws and are recommending the following proposed amendments which include the clarification of duties of the Secretary's position, handling PURA business in unusual times, and adding a new committee to our committee roster, the Media Communications Committee.

Voting on the proposed changes will take place at the annual PURA business meeting in April 2021.

- Article IV Section 4.2 (d) The Secretary shall record the minutes of the Executive Board meetings. The Secretary is responsible for changing the PURA officers listed on the University of Michigan website each July by emailing [umra@umich.edu](mailto:umra@umich.edu) with the updated information. The Secretary shall serve a three year term, but may be elected to serve a second three year term with a maximum uninterrupted term of six (6) years.

- Renumbering of (second) (d) to e and e to (f)
- Article V Section 5.1 Duties (k) Add statement: To intervene and support any PURA activity due to extraordinary events/circumstances either natural or man-made for the purpose of keeping PURA members safe and healthy. (This has been recommended as a result of recent experience with COVID.)
- Article VI Section 6.1. Committees – Adding the Media Communications Committee to the listing of committees: The Media Communications Committee will be responsible for working with other PURA committees to effectively deliver content through electronic media and platforms such as Email, Zoom, and as appropriate, other electronic media such as Facebook and Twitter.

## PURA's Student Scholars Speak Out, Part III: Dear PURA Members...



My name is Hailey Furniss and I am currently a freshman in exploratory studies, planning to graduate in 2024. I am writing this to thank you for your generosity and support in helping me finance my college education.

This funding has allowed me to begin my college experience with minimal stress. Without it I would have to work more than 20 hours a week to afford my housing or take out another loan. It allows me to be on campus and have the college experience every kid dreams about, even with COVID-19. I now have the opportunity to make the most out of my experience, and the ability to put my schoolwork above my job.

In the future, I plan on majoring in Animal Science as well as minoring in Wildlife Science. I plan on becoming a veterinarian and working with both exotic and local wildlife.

I am so grateful for this opportunity, thank you for the amazing gift you have given me.

Sincerely,  
Hailey Furniss

PURA Student Scholarship  
Freshman, Exploratory Studies, from Fort Wayne, Indiana



Thank you so much for your gracious scholarship! My name is Jordan Keuneke. My major is Pharmaceutical Sciences, with minors in Psychological Sciences, Biological Sciences, and Biotechnology. I am also pursuing the pre-medicine concentration. I am expecting to graduate in May 2022. My purpose for writing this is to thank you for your contribution towards my educational goals.

This scholarship is important for me because it allows me to continue my studies here at Purdue. With this scholarship, I can take out fewer loans and save money in the future. This funding allows me to continue my involvement with the Purdue Swim Club as the Meet Coordinator and continue working at the pool as a head lifeguard. Although I must still work while taking classes, scholarships like the one you granted me allows me to worry less about the financial struggles of college.

Being a junior presently, I plan on continuing my involvement with Purdue Swim Club and working at the pool. I am also looking forward to having the opportunity to get involved in drug dosage forms research in the spring semester with a professor in the Medicinal Chemistry and Molecular Pharmacology departments. After graduating from the Purdue College of Pharmacy with a Bachelor's Degree in Pharmaceutical Sciences, I plan to attend medical school to become a medical doctor. After medical school, I plan to attend  
*(continued next column)*

*(Jordan Keuneke, continued)*

a residency program and ultimately specialize in pediatric surgery. Your contributions to my education allow me to be able to pursue my dreams.

Once again, thank you so much for the scholarship. I am grateful for people like you who are willing to support students like me in their educational paths.

Thanks again,  
Jordan Keuneke

PURA Student Scholarship  
Junior, School of Pharmacy, from Hometown, Indiana



My name is Alexis Puente. I am currently a senior studying Kinesiology with a minor in Spanish. I will be graduating this spring, in May 2021. I look forward to graduating and it definitely went by fast. I am very appreciative that I am able to go to such a prestigious, well-known school. I definitely would not have been able to complete my four years here at Purdue if it was not for your generosity

and support via the scholarship. I am forever grateful. I have made memories that I will remember forever and have met amazing professors during my time here at Purdue.

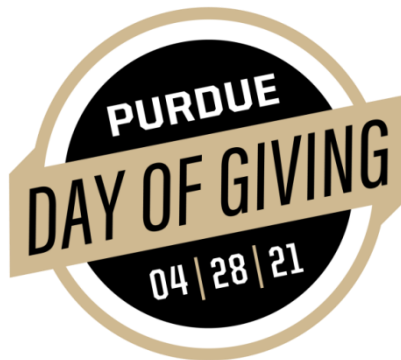
This scholarship has changed my life for the better and has allowed me to study here at Purdue. It allows me to be involved in Dance Marathon, the largest student-run philanthropic organization on campus. I am currently the Logistics Executive for this organization. Due to COVID, our marathon, which is usually 18 hours long, is now 12 hours and is fully virtual. Being the Logistics Executive means that I have the responsibilities of making a timeline for the day of the event, reaching out to entertainment groups, running a committee which includes having weekly meetings, and creating the layout of the event. This funding has allowed me to get the most out of my time here at Purdue without being bound by financial concerns.

Once graduation comes in May, I plan to attend Physical Therapy Assistant school. I plan on working part time at a physical therapy clinic while I go to school. I also have dreams of moving to either North Carolina or Virginia, though for the time being I will most likely stay in Indianapolis, my hometown, while I attend Physical Therapy school.

Once again I am very grateful and am appreciative of this scholarship!

Kindest Regards,  
Alexis Puente

PURA Student Scholarship  
Senior, School of Health and Human Sciences,  
from Indianapolis, Indiana



Alexis Puente



Hannah Thomas



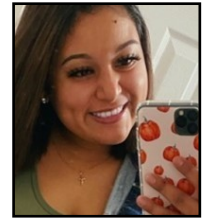
Cameron Gregson



Samari Walker



Joshua Priest



Karen Barillas

## PURA's Student Scholars

### SAVE THE DATE—April 28 15,000 Matching Dollars Available

Purdue's annual day of giving provides millions of dollars to support student scholarships and over the last five years PURA members have contributed over \$56,000 dollars on that giving day to the two PURA scholarship endowments. That has resulted in the ability to provide financial assistance to nineteen Indiana students for the 2020-2021 academic year. Let's continue supporting these students by giving generously on April 28 to create even more scholarship opportunities. Each donation up to \$15,000 will be matched dollar for dollar.

PURA scholarship recipients are most appreciative of the assistance these scholarships provide. Pictured above are a few of the students and you may view some of their thank you letters in the December, January/February, current, and April PURA newsletters. They would not be able to attend Purdue University without the assistance provided by the PURA Student Scholarship Endowment and the PURA POA Endowment in Honor of Martin C. and Patty Jischke.

Please contribute on April 28, 2021. Every gift makes a difference. And, remember, each \$1.00 donated becomes \$2.00, up to \$15,000.

A dedicated online link to contribute to the endowments will be emailed to you prior to April 28, 2021. If you prefer to mail a donation, write a check payable to the Purdue for Life Foundation, with either the PURA Student Scholarship Endowment or PURA POA Endowment in Honor of Martin C. and Patty Jischke noted in the memo line. Send the check to: Purdue for Life Foundation, 403 W. Wood Street, West Lafayette, IN 47907-2007. You may also call 1-800-319-2199.

For individuals over 70 ½ years of age, gifts contributed from your IRA are not taxable income and qualify for your required minimum distribution (RMD). To learn more about the IRA Rollover opportunities, or to make an IRA Rollover charitable contribution, please contact the Office of Planned Giving, (765) 494-8657.

## Flaky Skin?

Chris Rearick, MSN, RN  
Purdue Nursing Center for Family Health

Have you noticed your skin getting drier as you age? Xerosis cutis is a fancy medical term for dry skin. This dry flaky skin may begin to develop as early as 40 years old. Due to factors out of our control, our skin becomes more prone to drying.

The epidermis, which is the outermost layer of our skin, is the body's barrier protecting us from the environment. As we age, the skin's collagen and elastin production decreases and makes the epidermis less elastic. This adds to the inability of our skin to be able to hold onto water molecules. Hyaluronic acid (HA) is a sugar molecule in our skin, joints and other body fluids which keeps our skin hydrated and plump. HA binds with water molecules but the older we get the less HA we make, so less moisture is retained in our skin. Now add conditions such as environmental exposure, diuretics, cardiovascular disease, renal insufficiency, thyroid issues and diabetes to the mix, and dry skin can worsen.

Treating dry skin is as simple as adding a thick cream or moisturizer within two to three minutes after bathing. Bathing should be limited to short showers or baths in warm water versus hot water. It also helps to pat skin dry versus rubbing skin with a towel. Soaps should be mild and scrubbing should be limited. Fragrance free soap and moisturizers are best.

Thicker moisturizers are better than lotions. Though many lotions tend to have a higher water content they will not help the skin keep in moisture. Moisturizing emollients

such as CeraVe cream or AmLactin XL cream/lotion are known to hold moisture into the skin and can be purchased at almost any retail store. These emollients also contain alpha-hydroxy acids which help break down those thickened dry skin cells. I have used AmLactin for years and personally love it.

Keep moisturizers close and use frequently. Applying cocoa butter to your feet and hands before bed can help keep your nail beds, palms of your hands and soles of your feet less dry. After applying the cocoa butter, you may find it less messy to wear socks on your feet. When you wake up the oiliness will be gone and softness should remain through the day.

It is always important to follow up with your healthcare provider. In severe cases of dry skin, dermatitis may develop and a steroid cream may be needed short-term. Severely dry skin can be a sign of other underlying health conditions.

### Time for a wellness screening?

Feel free to contact Chris at [crearick@purdue.edu](mailto:crearick@purdue.edu) to schedule a wellness screening at your convenience. You may also call 496-0308 and leave a message for her.

### Suggestions for Future Articles?

Please feel free to email Chris with any additional questions or suggestions for future health columns. Chris Rearick, [crearick@purdue.edu](mailto:crearick@purdue.edu) or, you may call Chris at (765) 496-0308 and leave a message for her.

---

## Confessions of a Book Addict: This Is How It Happened

By Jo Thomas

David McCollough was a writer of meticulously researched histories. His subjects varied from a flood to Teddy Roosevelt. In **The Pioneers** he chose the settling of the Midwest. The Northwest Ordinance of 1788 covered the States that would become Ohio, Indiana, Michigan, Illinois, Wisconsin and a slice of Minnesota. At the time, it was claimed by New York and Virginia. The unclaimed wilderness was to be free of religious governance, free universal education for all and no slavery. A minister named Manasseh Cutler gathered a group of stout folk to colonize what would become Marietta, Ohio. They expected many hardships but not the arrival of Aaron Burr. Burr bought an island, built a beautiful mansion and imported French furniture. Unfortunately, Burr couldn't forgo his illegal ways and was routed by the Feds.

Fifty years later America was well-established, but filled with rather dull people. **The Greater Journey**

tells the travels of American men and women who sought enlightenment in France. From 1830 to 1900, American artists, writers, doctors, sculptors, musicians and politicians soaked up the knowledge centered there. They returned to make a better, brighter, more vigorous nation.



**The Overground Railroad: The Green Book and the Roots of Black Travel in America** is a hard book to read as it takes a look back to racial problems that are still ongoing. The story features **The Green Book**, a tour guide for people of color to find places that would serve them on their travels. In the mid-1930's, automobiles gave people the freedom to travel. But that was particularly hard for black people who had to pack their cars with food, water, gasoline, blankets, etc., because they were never sure where they would be welcome.

In 1936, a postal worker named Victor Green, had an idea. He found businesses that were safe and published a guide which sold through mail order and black-owned businesses for one dollar yearly. These businesses also ran ads, which

*(continued on page 7)*

*(Confessions of a Book Addict, continued from page 6)*

increased his income. Esso Gas—now known as Exxon—was one of these businesses, so the tourists could leave their gas cans at home. Published annually, the cover of the 1959 version admonished “Carry your GREEN BOOK with you. You might need it.” The guide was published until 1967.

Author Candacy A. Taylor not only wrote **The Over-ground Railroad**, but traveled to all the places mentioned in the guide to photograph all that were still standing.

Biographer Ron Chernow’s book, **Alexander Hamilton**—the inspiration for the acclaimed Hip Hop musical—

examines every bit of Hamilton’s life. He tells of the sad boyhood, the two men who sent him to America for a good education and everything good and bad that inspired him up to his death and beyond.

There is a different look at Hamilton in **The Monmouth Courthouse** by Joseph G. Bilby and Katherine Bilby Jenkins. Hamilton was angry because Washington would not let him fight. This is the battle where the Americans came together as a fighting force and is one of the most important aspects of the Revolutionary War.



## PURA Tech Bytes

By Scott Ksander



### Passwords!!!!

By far, passwords are the most common (and usually intense) frustration I hear from retirees. There is nothing in this column that is likely to mitigate this frustration, but it might provide some perspective that will help you understand the importance of passwords.

Full Disclosure – I am the person who is most responsible for the Purdue Password Policy that made you change your password either every 90 days or every year. It was a good idea then, and it is a good idea now.

The biggest challenge as we have moved into the Cyberworld is the concept of identity. In the physical world, we have physical keys for locks, signatures for matching, and Photo IDs for verification. When you go to open your Safe Deposit Box, you must have a physical key, a matching signature, and a photo ID. This makes the financial institution feel comfortable that you are who you claim to be. In the Cyberworld, you only have some identifier like an email address or a “User ID” and a password. The email address or “User ID” is publicly available or, in many cases, easy to guess; ksander@purdue.edu is certainly no secret. This means a password is the only thing protecting my increasingly valuable information. If you know anything about me, you might easily guess a password like “GoBoilers”, my birthday, or some combination of the names of my grandchildren. If you guess right, then you have access to all my information and can execute transactions as me!!

Your password is your protection; you had best pick a good one. Don’t pick a word that would appear in any dictionary of any language. That would be an easy source for repeated guessing. Don’t pick “abc123”, “password”, “123456”, or “qwerty”. Don’t pick the name of your favorite pet or some nickname that would be easily discovered. Pick something unique and, most importantly, something you can remember.

Some security experts suggest using a different password for each service you use. This can be problematic as we use more and more cyberworld services. I don’t suggest this. Rather, divide up your services into a few basic categories: **Financial** (banking, retirement), **Personal** (email accounts), **Public** (Facebook, social media), and **eCommerce** (credit cards, Amazon). You can remember 4 passwords and it is even easier if you use a clever scheme to create them. For example, use the first character of the words in the title of your favorite song and, as a bonus, add a special character like a “!” somewhere in the mix. Tech side note – in the geek world the “!” character is called a “bang”.

Many schemes have been introduced to add additional protection for identity such as Two-Factor Authentication, TouchID and FaceID. Many experts believe that within 10 years the password as we know it today will be replaced with better identity schemes. I hope they are right, but I have my doubts.

University of Michigan has a great poster distributed on campus regarding passwords. You can guess the poster image, but the text said, “Passwords are like underwear. Change them now and then!”

## Road Trip: Kankakee Sands

By Karen Lembcke

With the snow and the cold, and feeling somewhat house-bound, I decided to take a mini-safari. Well, no pith helmets or reservations required. Binoculars could be helpful. My destination was the Kankakee Sands (located just off Highway 41, north of Morocco and south of Schneider) to see the buffalo, or bison.

Driving northbound, you will see a sign that indicates “Buffalo Viewing Area” with an arrow directing you to turn left at the next crossroad. You drive about a mile west; turn left and go about a mile when you see a sign directing you to the viewing area. This viewing area is free and open to the public 365 days a year, from approximately 7:00 am to dusk CT (Central Time). There are Bison Rangers at the viewing area on the last Saturday of the month from 10:00 am to 4:00 pm CT. There are several hiking trails available as well as several sign boards.

The Kankakee Sands is approximately 8,400 acres, with a portion of this in Illinois. It is owned and operated by the Indiana Chapter of The Nature Conservancy. This area includes the Willow Slough Fish and Wildlife Area, Beaver Lake Nature Preserve and the Conrad Savanna Nature Preserve.

The Kankakee Sands derived its name from the sandy soils which supports the prairie, sedge meadows and the oak barrens. Less than 100 years ago, the land around the Kankakee River resembled the swampland in Florida, known as the Everglades. This area received the name of the “Everglades of the North”, and is known as the Grand Kankakee Marsh. This area once contained approximately a million acres in Indiana and a part of Illinois, which included Beaver Lake. Beaver Lake was the largest lake in Indiana—seven miles long and five miles wide. It was a very shallow lake with a depth of only 10 feet. Highway 41 actually goes through the area where this Lake had been. To see a brief documentary trailer on “The Everglades of the North”, check out <http://www.kankakeemarsh.com>.



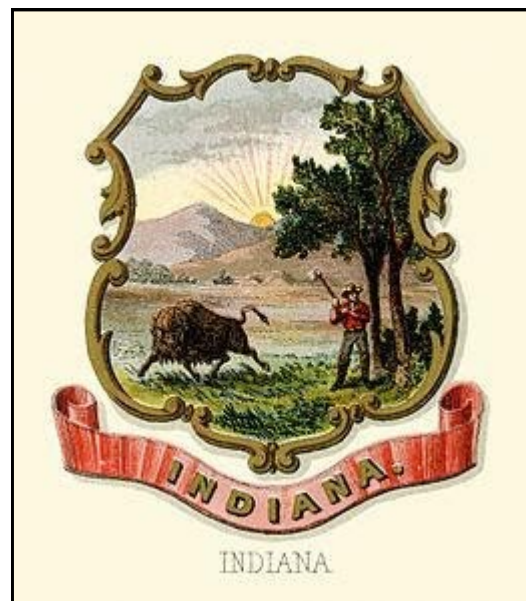
Current state seal, used by the governor to certify the authenticity of official documents



In 2016, The Nature Conservancy began with 23 bison and currently more than 70 reside in the Kankakee Sands. I have visited this area several times and sometimes you will see the bison grazing but other times, they are resting and chewing their cud. Along with the bison you may see deer that apparently call this area their home as well.

The bison in North America is the heaviest and the longest animal, and the second tallest after the moose. They adapt themselves to various ecosystems, such as the grasslands, savannas, woodlands, wetlands and marshes. Bison are social animals and enjoy living in groups. Thus, they require a large area to graze and can thoroughly enjoy themselves in the Kankakee Sands.

The seal of the State of Indiana has adapted the bison as a symbol.



The historic Indiana State Coat of Arms, circa 1876, per Wikipedia.



## True Tales of an Entomologist

By Tom Turpin



*Editor's Note: In any career there are moments and incidents that are inscribed in a person's memory in indelible ink. In the next few issues Tom Turpin shares some of his experiences that rank high in his bank of humorous recollections, that are self-published in his **Memoirs**. Dealing with insects of course! The article is included in the chapter "Tales of an Entomologist".*

### Sexing Mosquitoes

When I was a graduate student at Iowa State University in 1966, I helped with a mosquito survey in September. Another student and I were assigned to collect data from homes in a western Iowa county. The protocol for the survey required us to count mosquitoes resting on the ceiling of first floor rooms of the home and to identify the mosquitoes to species and sex. That area of Iowa had

been associated with an outbreak of floodwater mosquitoes due to heavy fall rains. We were finding three or four species including one known as a gallinipper (*Psorophora ciliata*). Gallinippers are large mosquitoes with a hearty bite, something I discovered when walking in some of my research cornfields that fall.

Here's how the survey process worked. When I spotted a mosquito I would call out the species and whether or not it was male or female. The other student recorded the information on a data sheet.

In one memorable home visit, the lady of the house was following us as we looked for mosquitoes. When a mosquito was found the species and sex would be announced. During the process, the woman would squint and peer intently at the mosquito. At one point after a mosquito was identified to species and declared a male the lady exclaimed: "My, my, you boys must have sharp eyes to be able to see their little dinguses from way down here!"

While I was unfamiliar with the term she used, I thought I knew what she meant. So I explained to the lady of the house that we were determining the sex of the mosquito by whether or not it had feathered antennae. Male mosquitoes have feathered antennae, females do not. We weren't looking for their little dinguses!

### Mark Your Calendars! PURA Events

**1 March, 2021 PURA virtual monthly meeting, via Zoom.**  
12:45 p.m.—1:30 p.m. EST

**Speaker:** Jeff Dukes, Director of Purdue Climate Change Research Center

**Topic:** 2021 Update on Climate Change Impact and Solutions.

**5 April, 2021 PURA virtual monthly meeting, via Zoom.**  
12:45 p.m.—1:30 p.m. EST

**Speaker:** Dr. Charlene Sullivan, Krannert Associate Dean of Undergraduate Programs and Associate Professor of Management

**Topic:** The Economic Outlook for 2021—What to Expect

**21 April, 2021 PURA Purposeful Living In Retirement presentation.** 1:00 p.m. EST. This program is free, but registration is required. Online registration will open on March 30, 2021; watch your email that day for your registration invitation. (See page 1 for more information.)

**Speaker:** Dr. Phillip Low, Presidential Scholar for Drug Discovery and Ralph C. Corley Distinguished Professor of Chemistry at Purdue University

**Topic:** Drugs in the Pipeline for Treating Many Human Diseases

**3 May, 2021 PURA virtual monthly meeting, via Zoom.**  
12:45 p.m.—1:30 p.m. EST

**Speaker:** Dr. Bob Neilson, Professor of Agronomy  
**Topic:** The Use of Drones in Monitoring Corn Fields

**7 June, 2021 PURA virtual monthly meeting, via Zoom.**  
12:45 p.m.—1:30 p.m. EST

**Speaker:** Jeremy Slater, Assistant Vice President, Real Estate & Facilities, PRF

**Topic:** Update on Purdue Discovery Park District

For the present, PURA meetings are being held virtually, via Zoom. PURA will provide Zoom connection information and other important updates via email, the *PURA News* newsletter, and our website:

**[www.purdue.edu/retirees](http://www.purdue.edu/retirees)**

Make sure we have your current email address to stay informed. Please send your information to [pura@purdue.edu](mailto:pura@purdue.edu).

#### Is it Spring Yet?!

Spring flowers bloom near Schleman Hall on the Engineering Mall.

(Photo courtesy of Purdue Marketing & Media; Matthew Thomas, photographer.)



## March 2021 Campus Calendar

### Academic/Holiday:

- 18 March, 13 April—Student Reading Days. (In lieu of spring break.)
- 8 May—Spring Semester ends.
- 14-16 May—Spring Commencements.
- 17 May—Summer modules begin.
- 31 May—Memorial Day. No classes. Offices closed.

### Special Events:

**Asian American and Asian Resource and Cultural Center virtual events in March.** Registration is required. To register visit the center's web site: <https://www.purdue.edu/newsroom/releases/2021/Q1/asian-american-and-asian-resource-and-cultural-center-hosting-several-virtual-spring-events.html>

**4 Mar.**—"How Central Asian Women in the U.S. Worked on COVID Awareness Raising in Central Asia." Part of AAARCC's Lunch and Learn series. Presenter: Annagul Yaryyeva, researcher, Turkmenistan Health Initiative. Noon-1:00 p.m. ET.

**9 Mar.**—International Women's Day Panel and Concert with Carolyn Woo, Distinguished President's Fellow for Global Development at Purdue; Reini Wirahadikusumah, rector at the Institut Teknologi in Bandung, Indonesia; and artist Ruby Ibarra. Part of the AAARCC's monthly lecture series. Following the panel is a virtual concert by Ibarra. 7:00 p.m. ET.

**11 Mar.**—"Diverging Trajectories of Transitional Justice: A Comparative Look into South Korea and Peru." Part of AAARCC's Lunch and Learn series. Presenter: Nusta Carranza Ko, assistant professor, School of Public and International Affairs, University of Baltimore. Noon-1:00 p.m. ET.

**Art:** Free and open to the public. [Protect Purdue protocols apply.](#)

Robert L. Ringel Gallery. STEW. Hours: 10:00 a.m.-7:00 p.m. ET Monday-Friday, and noon-4:00 p.m. ET Saturday (except holidays).

**Through Mar. 12—Art and Design Undergraduate Exhibition 2021.** Juried by faculty members.

Patti and Rusty Rueff Galleries, Pao Hall. Hours: 10 a.m.-6 p.m. Monday-Friday (except holidays, and closing at 5 p.m. on final day of an exhibition).

**Mar. 1-12**—Visual Communication Design Senior Exhibition.

**Mar. 15-19**—Theatre MFA Exhibition.

Art Museum of Greater Lafayette. Open by appointment on Tuesdays, Thursdays, and Saturdays at 11:00 a.m., 1:00 p.m., and 3:00 p.m. ET; also Sundays at 1:00 p.m. and 3:00 p.m. ET. Advance reservations are required. Visit the art museum's web site at: <https://www.artlafayette.org/hours-and-directions>

**Through Apr. 18**—"The Rudiments of SuPre: Works by Boyd Smith". Mixed media artwork by Purdue alumnus Boyd Smith. Collection presents "SuPre," Smith's fictional character representing the fallacious theory of "super predator" violent young Black men, and explores the social harm done by the theory. Exhibition appears on the Black Cultural Center's cultural calendar.

### Athletics:

All sports schedules available at: <https://purduesports.com>. Click through to the Home page, then click on **Sports** at the top to see specific sports menu.

**Men's Basketball: No fans due to pandemic.** Telecast on BTN.

Radio on WAZY-96.5 FM and Purdue Sports Network.

**Mar. 2**—vs. Wisconsin. Time TBA. At Mackey Arena.

**Mar. 6**—vs. Indiana. Time TBA. At Mackey Arena.

**Mar. 10-14**—Big Ten Men's Basketball Tournament. Lucas Oil Stadium, Indianapolis. More information at:

[https://bigten.org/sports/2021/1/7/MBB\\_Tourney\\_Central\\_2021](https://bigten.org/sports/2021/1/7/MBB_Tourney_Central_2021)

**Mar. 14**—NCAA Men's Basketball Tournament selection show. Time and network TBA.

**Women's Basketball: No fans due to pandemic.** Radio broadcast is on WBPE "BOB" 95.3-FM and the station online.

**Mar. 5**—vs. at Indiana. Time TBA.

**Mar. 9-13**—Big Ten Women's Basketball Tournament. Banker's Life Fieldhouse, Indianapolis. More information at:

<https://bigten.org/sports/2021/1/8/2021WBBT>

**Mar. 15**—NCAA Women's Basketball Tournament selection show. 7:00 p.m. ET on ESPN.

Athletic ticket information at:

[purduesports.com/tickets/pur-tickets.html](https://purduesports.com/tickets/pur-tickets.html)

## Notable Historic March Events

- March 1: Congress authorized the creation of Yellowstone National Park, 1872.
- March 2: King Kong, the motion picture, premiered in New York, 1933.
- March 7: Alexander Graham Bell received a patent for his telephone, 1876.
- March 10: Alexander Graham Bell's first telephone call, 1876.
- March 13: The planet Uranus was discovered by Sir William Herschel, 1781.
- March 14: Eli Whitney received a patent for his cotton gin, 1793.
- March 15: "My Fair Lady" opened on Broadway, 1956.
- March 18: Schick, Inc. marketed the first electric razor, 1931.
- March 22: The first motion picture shown to an audience occurred in Paris, 1895.
- March 23: The United States Mint produced its first coins made by a press, 1836.
- March 25: RCA first produced color televisions, 1954.
- March 27: First long distance telephone call made from Boston to New York, 1884.
- March 28: Nathaniel Briggs of New Hampshire patented the washing machine, 1797.
- March 31: Wabash, Indiana was the first town to be illuminated by electric lights, 1880; and "Oklahoma!" opened on Broadway, 1943.

### 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  
2550 Northwestern Ave., Suite 1100  
West Lafayette, IN 47906  
Telephone: 765-494-7395 or (toll free) 877-725-0222  
Email: [pura@purdue.edu](mailto:pura@purdue.edu)

2020-2021 PURA Communications Committee:

Chair: Karen Lembcke

Members: Connie Bilyeu, Jo Thomas

## Zoom Connection Information for PURA Meetings

The Zoom connection information for PURA monthly meetings is shown below. **The link, Meeting ID, and password will be the SAME for all future normal monthly meetings**, beginning with the meeting on Monday, October 5, 2020.

Members who wish to join via phone call audio only will need the separate Passcode shown below. (The password/passcode for that method is different from the normal “computer connection” to Zoom.)



### Join Zoom Meeting

<https://zoom.us/j/97285398989?pwd=MIB4U0FudEplMFRoWm1lGTkZzNmYrZz09>

**Meeting ID:** 972 8539 8989

**Passcode:** BoilerUp

### One tap mobile

+13126266799,,97285398989#,,,,,0#,,41051096# US (Chicago)

+19292056099,,97285398989#,,,,,0#,,41051096# US (New York)

### Dial by your location

+1 312 626 6799 US (Chicago)

+1 929 205 6099 US (New York)

+1 301 715 8592 US (Germantown)

+1 346 248 7799 US (Houston)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

Meeting ID: 972 8539 8989

**Passcode:** 41051096

**Find your local number:** <https://zoom.us/u/acvQOKVcnE>

---

*(Late Breaking News: Special Event, continued from page 3.)*

Dr. Sanders is an Associate Professor of Biological Sciences at Purdue University. He received his Bachelor of Science degree from Yale College in Molecular Biophysics and Biochemistry. He conducted his Ph.D. research in Biochemistry with Dr. Daniel E. Koshland, Jr., who was then editor of the journal *Science*, at the University of California at Berkeley. Dr. Sanders joined the Markey Center for Structural Biology at Purdue University in 1995.

Professor Sanders is the author of two U.S. patents on novel gene-therapy delivery techniques. His work on the Ebola virus led to his participation in the

U.S. Defense Threat Reduction Agency's Biological Weapons Proliferation Prevention Program, a product of the Nunn-Lugar legislation. His responsibilities included inspecting the Vector laboratory in Siberia, which was the site of biological-weapons development in the era of the Soviet Union. This past semester he taught the COVID-19 course at Purdue University.