## Newsletter

February 2023

## **IN THIS ISSUE:**

HHS (Health and Human Sciences) - Cancer Awareness Month/ Prevention tips.

ANR (Agriculture and Natural Resources) - Private Applicators' Information/ Cattlemen's Association Annual meeting/ Winter Gardening.

Youth Development (4-H) - 4-H updates/ Family Resources/ Upcoming dates.



**Extension - Dubois County** 



## News

#### Fender Blender Bike

The office is pleased to announce the addition of our own Fender Blender bike. The Fender Blender from Rock the Bike is a pedal-powered smoothie blender. Guests add their ingredients to the blender. Hop on the bike and pedal for approximately 3O seconds and then they're ready to drink up!!! Be on the lookout for events using this amazing, fun new tool.

**Community Educators** 

#### OUR MISSION

We deliver practical, research-based information that enhances lives and livelihoods.

#### **OUR VISION**

We will be a leader in providing relevant, high-impact educational programs that transform the lives and livelihoods of individuals and communities.

Our specialists and educators connect Dubois County communities to world-class Purdue University research and a nationwide network of experts in agriculture, community, environment, family, food, and youth.



Chelsea Brewer
County Extension Director;
Extension Educator - HHS



Kenneth Eck Extension Educator -Agriculture and Natural Resources



Lauren Fenneman Extension Educator -4-H Youth Development

Dubois County
improves lives and
livelihoods by
delivering tested and
trusted educational
resources. We offer
programming in
Agriculture and Natural
Resources, Health and
Human Sciences,
Economic and
Community
Development and 4-H
Youth Development.

Purdue Extension



Chelsea Brewer
County Extension Director;
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## **National Cancer Prevention Month**

If you visit any national "holiday" website and click on February, you'll notice there are a plethora of national "months" being celebrated to bring awareness to some very noble causes. Most notably, are Black History Month and American Heart Month. However, as you keep scrolling, you'll see mention of things like "Bike to Work Month", "Avocado and Banana Month", "Exotic Vegetables and Star Fruit Month". While all of these seem very niche and as if they don't really tie together, I'd like to bring your attention to another awareness effort happening this month - National Cancer Prevention Month.

The following pages will discuss 6 tips for reducing your risk of developing cancer (provided by Mayo Clinic) and a brief overview on what screenings might be a good idea for you to discuss with your health care professional.

## <u>Cancer prevention: 6 tips to reduce your risk</u>

Concerned about cancer prevention? Take charge by making changes such as eating a healthy diet and getting regular screenings. By Mayo Clinic Staff

How do people lower the chances of getting cancer? There's plenty of advice. But at times, advice from one study goes against the advice from another.

Cancer prevention information continues to develop. However, it's well accepted that lifestyle choices affect the chances of getting cancer.

Consider these lifestyle tips to help prevent cancer.

https://extension.purdue.edu/county/dubois





### 4. Protect yourself from the sun

- Skin cancer is one of the most common kinds of cancer and one of the most preventable. Try these tips:
- Avoid midday sun. Stay out of the sun between 10 a.m. and 4 p.m. when the sun's rays are strongest.
- Stay in the shade. When outdoors, stay in the shade as much as possible. Sunglasses and a broad-brimmed hat help too.
- Cover your skin. Wear clothing that covers as much skin as possible. Wear a head cover and sunglasses. Wear bright or dark colors. They reflect more of the sun's harmful rays than do pastels or bleached cotton.
- Don't skimp on sunscreen. Use a broad-spectrum sunscreen with an SPF of at least 30, even on cloudy days. Apply a lot of sunscreen. Apply again every two hours, or more often after swimming or sweating.
- . Don't use tanning beds or sunlamps. These can do as much harm as sunlight.

#### 5. Get vaccinated and Avoid Risky Behaviors



Protecting against certain viral infections can help protect against cancer. Talk to a health care provider about getting vaccinated against:

Hepatitis B. Hepatitis B can increase the risk of developing liver cancer. Adults at high risk of getting hepatitis B are people who have sex with more than one partner, people who have one sexual partner who has sex with others, and people with sexually transmitted infection. Others at high risk are people who inject illegal drugs, men who have sex with men, and healthcare or public safety workers who might have contact with infected blood or body fluids.

Human papillomavirus (HPV). HPV is a sexually transmitted virus that can lead to cervical cancer and other genital cancers as well as squamous cell cancers of the head and neck. The HPV vaccine is recommended for girls and boys ages 11 and 12. The U.S. Food and Drug Administration recently approved the use of the vaccine Gardasil 9 for males and females ages 9 to 45.

## 6. Get regular medical care

Doing regular self-exams and having screenings for cancers — such as cancer of the skin, colon, cervix and breast — can raise the chances of finding cancer early. That's when treatment is most likely to succeed. Ask a health care provider about the best cancer screening schedule for you.

Source: Cancer prevention: 7 tips to reduce your risk - Mayo Clinic





#### 1. Don't use tobacco

Smoking has been linked to many types of cancer, including cancer of the lung, mouth, throat, voice box, pancreas, bladder, cervix and kidney. Even being around secondhand smoke might increase the risk of lung cancer.

But it's not only smoking that's harmful. Chewing tobacco has been linked to cancer of the mouth, throat and pancreas.

Staying away from tobacco — or deciding to stop using it — is an important way to help prevent cancer. For help quitting tobacco, ask a health care provider about stop-smoking products and other ways of quitting.

## 2. Eat a healthy diet



Although eating healthy foods can't ensure cancer prevention, it might reduce the risk. Consider the following:

- Eat plenty of fruits and vegetables. Base your diet on fruits, vegetables and other foods from plant sources — such as whole grains and beans. Eat lighter and leaner by choosing fewer highcalorie foods. Limit refined sugars and fat from animal sources.
- Drink alcohol only in moderation, if at all. Alcohol increases the risk of various types of cancer, including cancer of the breast, colon, lung, kidney and liver. Drinking more increases the risk.
- Limit processed meats. Eating processed meat often can slightly increase the risk of certain types of cancer. This news comes from a report from the International Agency for Research on Cancer, the cancer agency of the World Health Organization.

People who eat a Mediterranean diet that includes extra-virgin olive oil and mixed nuts might have a reduced risk of breast cancer. The Mediterranean diet focuses mostly on plant-based foods, such as fruits and vegetables, whole grains, legumes and nuts. People who follow the Mediterranean diet choose healthy fats, such as olive oil, over butter. They eat fish instead of red meat.

## 3. Maintain a healthy weight and be physically active



Being at a healthy weight might lower the risk of some types of cancer. These include cancer of the breast, prostate, lung, colon and kidney.

Physical activity counts too. Besides helping control weight, physical activity on its own might lower the risk of breast cancer and colon cancer.

Doing any amount of physical activity benefits health. But for the most benefit, strive for at least 150 minutes a week of moderate aerobic activity or 75 minutes a week of hard aerobic activity.

You can combine moderate and hard activity. As a general goal, include at least 30 minutes of physical activity in your daily routine. More is better.



## **Cancer Screenings:**

# What are they and when should you ask your healthcare professional?

According to the Center for Disease Control and Prevention and the U.S. Preventive Services Task Force (USPSTF), below are the cancer screenings proven to be most effective at detecting cancer early, leading to more effective treatment.

<u>Breast Cancer</u>: Mammograms are the best way to find breast cancer early, when it is easier to treat and before it is big enough to feel or cause symptoms. The USPSTF recommends that women who are 50 to 74 years old and are at average risk for breast cancer get a mammogram every two years. Women who are 40 to 49 years old should talk to their doctor or other health care provider about when to start and how often to get a mammogram.

<u>Cervical Cancer</u>: Cervical cancer is screened for using two different test: the HPV test and the Pap test. It's recommended that Pap test begin at age 21. Testing frequency ranges from annually to every 3 years depending upon your results. From ages 30 to 65, an HPV test and Pap test are recommended for women. With a normal result, an HPV test could be repeated every 5 years while the Pap test repeats every 3 years. Be sure to consult your healthcare provider about the frequency of testing that you need.

<u>Colorectal (Colon) Cancer</u>: Colorectal cancer almost always develops from precancerous polyps (abnormal growths) in the colon or rectum. Screening tests can find precancerous polyps, so that they can be removed before they turn into cancer. Screening tests can also find colorectal cancer early, when treatment works best. The USPSTF recommends that adults age 45 to 75 be screened in one of several ways including stool tests, flexible sigmoidoscopy, colonoscopy, and CT colonoscopy. Ask your healthcare provider about which screening option is best for you.

<u>Lung Cancer</u>: The USPSTF recommends yearly lung cancer screening with low-dose computed tomography (LDCT) for people who have a history of heavy smoking, and smoke now or have quit within the past 15 years, and are between 50 and 80 years old.

\*A note about skin cancer. While the USPSTF found insufficient evidence to the benefits and harms of visual screening for skin cancer via visual skin examination by a healthcare provider, individuals should continue to monitor their skin for signs of change on their own. Source: Cancer Screening Tests | CDC

## How Can HHS help you?

If you're seeking a presenter for your group or organization in regards to food, nutrition or other wellness topics, reach out. Chances are we can help!

Contact

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Kenneth Eck
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Agriculture and Natural Resource Extension (ANR) Educators serve as research based, unbiased information source for county and state constituents on a variety of topics including: crops, ag business, livestock, natural resource, horticulture, small farms, urban ag, pesticide use, and land conservation. In partnership with Purdue University subject matter experts, ANR Extension Educators can provide relevant and proven best management practices to address many clients' situational needs.

#### PARP License Credits, Expirations, and Future Events

To check your PARP license credits (number of events attended), click on the "Pesticide License Search" button at the OISC site at:

https://www.inplants.oisc.purdue.edu/USAPlantsIN/Index.aspx

\_Once there, click on your county of residence, select "Private Applicator" or "Private Manure Permit" under Program Type, select "Search", and then check the listing provided at the bottom of the page for your records. (If not listed, call OISC at ph.(765)494-1492.)

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To check on additional OISC approved private applicator recertification program (PARP) events throughout Indiana, go to the Office of the Indiana State Chemist's calendar at:

https://ppp.purdue.edu/privateapplicators/recertification-parp/parp-events/





1482 Executive Blvd., Jasper, IN 47546 Telephone (812)482-1782

Dubois County Cattlemen's Association Board of Directors 2023 Cattlemen's Association Annual Meeting

The Dubois County Cattlemen's Association Board of Directors would like to invite you to our 2023 Annual Meeting. This meeting will be held on Thursday, March 9, 2023 at the Southern Indiana Purdue Ag. Center (SIPAC) Conference Room near Cuzco, with meal and speakers occurring at 6:30 PM EST.

Our sponsor for this year's meeting is Superior Ag Co-op. We wish to thank our sponsor for their involvement with our producers and for their contributions to our annual meeting.

To learn more about the Superior Ag Co-op's line of crop, livestock, grain, and energy products visit their website at www.superiorag.com or call ph. (812)683-8382.

After a meal by Arnie's Catering our speakers will include:

- 1.) Jason Lueken, Precision Ag. Manager, Superior Ag Co-op, "Handling Fertility Costs and Needs for Pastures and Hayfields"
- 2.) Dr. Bethany Funnell, Clinical Professor of Bovine Theriogenology, Purdue University, "Anaplasmosis in Cattle"

Reservations can be made on-line at http://bit.ly/3kv3JbX or by contacting the Purdue Extension – Dubois County Office at email duboisces@purdue.edu or ph. (812) 482-1782. The deadline for reservations is Monday, February 27. The cost for the evening is \$10.00 per person for 2023 Dubois County Cattlemen's Association membership dues and \$10.00 per person per meal.

**160** 

Reservation link

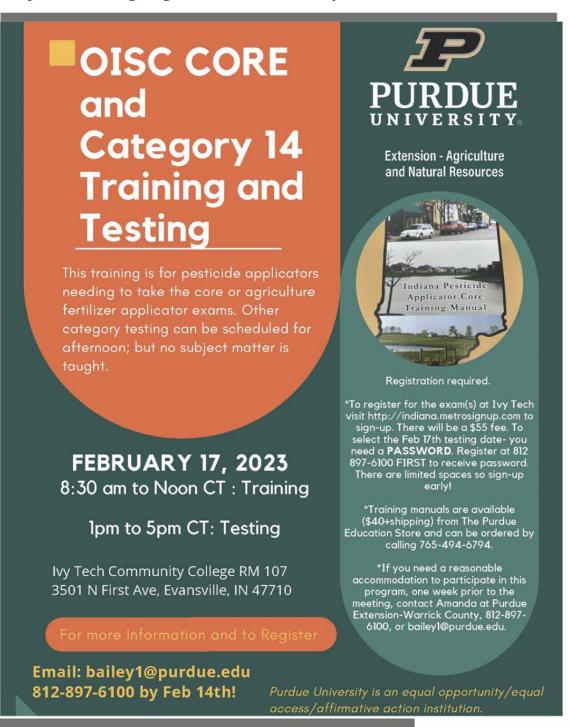
The directors hope you will be able to join us for an evening of good food, fellowship, and information!





#### **Indiana Small Farm Conference**

Since 2013, the Indiana Small Farm Conference has been the premier annual event for Indiana's small- and diversified-farm community - helping them experience continuing education and enjoy farmer-to-farmer networking. The 2023 conference will be on March 2-3, at the Hendricks County 4-H Fairgrounds in Danville, Indiana. The conference annually features comprehensive programming on diversified farming and local food production systems, bring together novice and experienced small scale farmers.







## Home Vegetable Gardening -For the Pleasure of Growing Produce

Home Vegetable Gardening - For the Pleasure of Growing Produce

The Purdue Home Vegetable Gardening series offers current and aspiring vegetable growers the opportunity to learn from the experts about ways to increase the success and satisfaction of quality vegetable production in their gardens.

Topics covered include getting started in vegetable gardening (sites, tools, varieties to plant, soils & layout); pest management (identification, integrated pest management/IPM, pesticides & organic production); and disease management (diagnosis, prevention, & management).

Hosted at the Ferdinand Library on April 13, 20, and 27, 2023 from 6:30 – 8:30 PM EST, the session feature both virtual campus specialists and live discussions. The cost of this workshop is \$30.00 per person for materials and supplies, with registration available on-line at https://cvent.me/VXgVMe

For more information contact Kenneth Eck at kjeck@purdue.edu.

#### <u>February Winter Garden Calendar</u>

Lawns, Tree Fruits, Landscape Plants, and Woody Ornamentals

- Check mulches, rodent shields, salt/wind screens, and other winter plant protections to make sure they are still in place.
- Prune landscape plants, except early spring bloomers, which should be pruned after flowers fade. Birches, maples, dogwoods, and other heavy sap bleeders can be pruned in early summer to avoid the sap flow, although bleeding is not harmful to the tree.
- Prune fruit trees to control plant size and remove dead, damaged, or weak limbs.

#### **Indoor Plants and Activities**

- Check water levels daily in cut-flower vases.
- Repot houseplants as they outgrow current pots.
- Early blooms of spring-flowering bulbs can make good gifts for a sweetheart. Keep the plant in a bright, cool location for longer lasting blooms.
   Forced bulbs make poor garden flowers and should be discarded as blooms fade.

- Flowers, Vegetables, and Small Fruits
   Prepare or repair lawn and garden tools for the upcoming season.
- Start seeds indoors for cool-season vegetables so they will be ready for transplanting to the garden early in the season. Broccoli, cauliflower, and cabbage seeds should be started five to seven weeks prior to transplanting.
- Test leftover garden seed for germination.
   Place 10 seeds between moist paper toweling or cover with a thin layer of soil. Keep seeds warm and moist. If less than six seeds germinate, then fresh seed should be purchased.
- Remove old asparagus and rhubarb tops, and then side dress with nitrogen or manure.





Lauren Fenneman Extension Educator 4-H Youth Development Ihaase@purdue.edu



Dubois County 4-H is gearing up for the year. You will be receiving communications from your club leaders when your club meets. As the parent, you can encourage your youth to have a full 4-H experience. Take them to the club meetings so they meet new youth and learn leadership skills. Encourage them to step out of their comfort zone and take a leadership role to help determine where they want their YOUTH LED club to go. Provide them the opportunities to attend events and activities outside of club and 4-H Fair like camps and 4-H trips. You as the parent can help them and spark their interest in a topic and that could lead to a lifetime passion or hobby. 4-H Club leaders and volunteers guide youth through seeing what needs the community has and be able to provide service-learning opportunities that the youth plan and implement in the communities.

I hope as the year gets underway that you encourage your children to set time aside for things that they wish to do. Also, you allow them to make the decision themselves on what they wish to do or not to do. Youth like to feel that they have an impact in their lives by being allowed to make decisions. You as the parent, like 4-H volunteers, are there to guide them and not make the decisions for them depending on age.

Thank you, Lauren Fenneman

#### **2023 Dubois County 4-H Handbook is finalized**

Please go to <a href="https://extension.purdue.edu/county/dubois/4-h-and-youth.html">https://extension.purdue.edu/county/dubois/4-h-and-youth.html</a> for online copy of the guide. We will have a select amount available in print format and will be first come first serve.

To get a Print Version:

- 1. Once we receive the printed handbooks an email will go out.
- 2. Come into the office from 8-4 pm Monday and Friday to request handbook.
- 3. Unable to get one during the day, call our office to request one to be put in the drop box located outside our door. Pickup during the time that it is convenient that evening. If NOT picked up it will be brought back in and available for whoever needs it.

No 4-H handbook can be reserved. It is pickup on a first come first serve basis.



Purdue Extension – Dubois County 4–H website has a lot of the resources you need for your 4–H experience. Please take time to go bookmark this page and learn to navigate the website.

#### **Mini 4-H Liability Waiver**

We have an event in 4-H Online to download and upload the Mini 4-H Liability Waiver. You will be able to register for this event and then download the waiver, sign and reupload and submit. This waiver is only needed if Mini 4-H (Grades K-2) will be exhibiting livestock at the 2023 Dubois County 4-H Fair. If you have difficulties, paper copy is still accepted. Please complete this by check in of 4-H Fair. For directions and a copy of the Mini 4-H liability waiver go here:

https://v2.4honline.com/#/ua\_wmwu/ins\_o/ipf\_2st18/admin/prg\_1/manager/mgr\_6x01/hrn\_p/events/evt\_138/custom-files/fcl\_6h



## **Family Resource Guide:**



Are you new to 4-H and unsure about some of the terms we use? We have a Family Resource Guide that will explain 4-H, terms and definitions, who people are and other general information. A copy of the that guide is at https://extension.purdue.edu/county/dubois/\_docs/4h-family-resource-guide.html or call the office for a print version.

#### **Family Monthly To Do:**

Share and like 4-H information or promotions shared on Purdue Extension - Dubois County social media pages (Facebook, Instagram).

Read communications from Purdue Extension Office: Keep an eye out for more information on the following: 4-H Camp, Scholarships, Trips, Spark Clubs, Fundraisers, State led 4-H experiences, Community Service Projects, Family Fun Events.

Sign up for Project Area/Spark Clubs/4-H Experiences via 4-H Online

Youth participate in 4-H events like club meetings, fall break and spring break events, livestock judging, Junior Leaders etc.

#### **4-H Enrollment Tips**

- Q: I forgot to add a project. Am I not allowed to take it to the 4-H Fair?
- A: No, you can add and remove projects all the way up until June. If you add more project areas than it is possible to take, there is no repercussions on not taking a project to the 4-H fair. After you are approved as a 4-H member, please click view by your name, select projects, and click the word edit on the right-hand side of the screen. You then will be able to add any projects to your existing list. If you have more than one club, please select which club you want the project to associate with at the top and then scroll down to add the project.

#### Remember the following:

- Shooting Sports participants, pick your club at the top as Shooting Sports Club and then pick your discipline as your project.
- Rabbit members pick your club Hoppers at the top and then select rabbits as project area.
- Robotics participants will pick your club as Robotics and Innovation at the top and select computer as project area. Robotics and digital art are included under the computer project area.
- Horse and Pony members pick your club Wranglers at the top and then select Horse and Pony and/or Hippology as your project.

For full list of clubs and contact information: <a href="https://extension.purdue.edu/county/dubois/club-info.html">https://extension.purdue.edu/county/dubois/club-info.html</a>
For full project area correlation to exhibit information: <a href="https://extension.purdue.edu/county/dubois/4-h-project-rules/4-H-Project-Rules/project-area-guide.html">https://extension.purdue.edu/county/dubois/4-h-project-rules/4-H-Project-Rules/project-area-guide.html</a>



# Service Learning

IN PURDUE EXTENSION 4-H YOUTH DEVELOPMENT

Service-Based Learning is a high school graduation requirement and has always been a large component of 4-H in each of Indiana's 92 counties. Youth learn to assess needs in their community and are guided by caring adult mentors. Through experiential learning, youth organize a plan to address needs in areas of community beautification, serving the under-served, and mentorship.



SERVING THE UNDER-SERVED



COMMUNITY BEAUTIFICATION



**MENTORSHIP** 

## STATEWIDE GOAL

Each Indiana community is different and will therefore be served in unique ways by its local 4-H program. However, all Indiana counties struggle with a handful of similar challenges, one of which is hunger. Indiana 4-H has chosen hunger as a statewide focus for service learning in 2023, and will therefore carry out initiatives to help alleviate hunger in all 92 counties this year. Be on the lookout for an update regarding this statewide priority during the 2023 Indiana State Fair.



#### **4-H Volunteer Corner**

Save the Date for following meetings: You have spoken! 3rd Wednesday of the month at 6:30 pm

April 19, 2023 - 6:30 pm Clover Pavilion

June 21, 2023 - 6:30 pm Clover Pavilion

Activity - Nature Timeline: Have the youth make a natural timeline by looking around outside and making a list of things they see from youngest to oldest. A raindrop might be youngest, followed by a flower bud and on. How many things can you see find that fit in-between? Where might a tree fit on this list? How about the sun?

Role Call - Things I want to learn in my 4-H Club.

Community Service Idea – Organize and help the community food banks in Dubois County. Shared abundance 812-683-5490 in Huntingburg or Community Food Bank 812-482-9009 in Jasper. Please call and see how your club can best help them.

More Activity Resources – Have activities in the shape of 52 games, 52 crafts, and 52 nature activities in the form of decks of cards.



### **Upcoming Dates**

- February 13 Junior Leader Meeting, 7 pm, Agaves Mexican Restaurant, Ferdinand, IN Junior Leaders Open to anyone Grade 7-12 and opportunity to meet new people and learn more leadership development skills.
  - February 27 4-H Council Meeting, 6:30 pm, Clover Pavilion Office
  - March 11 Beef Animal Tagging and Weigh IN, 10 am 2 pm Cattle Barn
  - Friday 28 April 6:30 PM, Verbal Communications & Performing Arts Showcase
- 4-H Youth in Grades 3-12 to showcase their talents and passion about specific topics this
  event.
- May 6, Sheep and Goat Animal Tagging, 7-9 am, Sheep and Goat Barn
- July 17-21, 2023 Dubois County 4-H Fair

## **4-H Trips Assistance Request**

Youth Grades 7-12, I invite you to sign up to participate in a 4-H Trip. 4-H Council sets aside funds to help youth attend these wonderful opportunities. If you wish to take full advantage, please fill out a 4-H Trips Assistance Application available via 4-H Online. Sign up for the event, download, fill out, and reupload and submit.

#### **Area Opportunities**

- Area 3 Livestock Clinic February 25 9 3 pm
- Vanderburgh County 4-H Poultry Workshop February 25, 9 am CST/10 am ET

#### All Trips and Career Development Events



4-H Camp Counselor
Applications due February 1st
https://bit.ly/4HCampCounselorA2
Grades 9-12
Camp Date June 2-4, 2023

4-H Academy Purdue University Grades 9-12 June 7-9, 2023

State 4-H Junior Leader Conference
DePauw University
Grades 9-12
Leadership development
June 13-16, 2023

4-H Round-Up Purdue University Grades 7-9 June 26-28, 2023



4-H Camp
New Location!
Country Lake Christian Retreat
https://www.countrylake.org/
Grades 3-8
June 2-4, 2023

4-H Band/Chorus Purdue University Grades 9-12 June 24-26, 2023



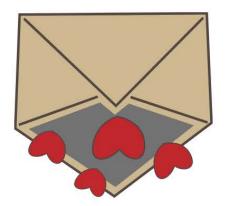
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