View this email in your browser





Letter from Lora-

January is in the rearview mirror. Its time to look forward and make the most of the shortest month of the year. Even made short by being leap year.

February is known to be the month of love, reflect on what you love. Yes, this can be someone but how about "something". Do something you love, go or do something you

love. "Let yourself be drawn by the stronger pull of that which you truly love." - Rumi Laurel County Extension Agent





Leader Lesson: Strong Bones for Life

There are many things you can do to keep bones healthy and strong at every age and stage of life. It is never too early, or too late, to embrace a healthy bone lifestyle and work toward preventing osteoporosis. * Check your email newsletter for more information.



Homemakers "We are so much more than you think!"





Slow Cooker Meals

LAUREL.CA.UKY.EDU/JQS

WHY ATTEND?

- DISCOVER HOW SLOW COOKERS CAN SIMPLIFY MEAL PREPARATION, ALLOWING YOU TO SAVE TIME AND EFFORT IN THE KITCHEN.
- UNDERSTAND HOW SLOW COOKERS
 CAN HELP YOU MAKE DELICIOUS AND
 ECONOMICAL MEALS USING LESS
 EXPENSIVE CUTS OF MEAT AND
 AFFORDABLE INGREDIENTS.
- SAMPLES PROVIDED FOR REGISTERED ATTENDEES

DETAILS?

FEBRUARY 6TH, 13TH
TWO TIME OPTIONS! 1PM & 6PM

COST: FREE!

CALL TO FIND OUT MORE



(606)864-4167





Slow Cooker Meals

LAUREL.CA.UKY.EDU/JQS

WHY ATTEND?

- DISCOVER HOW SLOW COOKERS CAN SIMPLIFY MEAL PREPARATION, ALLOWING YOU TO SAVE TIME AND EFFORT IN THE KITCHEN.
- UNDERSTAND HOW SLOW COOKERS
 CAN HELP YOU MAKE DELICIOUS AND
 ECONOMICAL MEALS USING LESS
 EXPENSIVE CUTS OF MEAT AND
 AFFORDABLE INGREDIENTS.
- SAMPLES PROVIDED FOR REGISTERED ATTENDEES

DETAILS?

FEBRUARY 20TH & 27TH

6РМ

COST: FREE!

REGISTRATION IS REQUIRED



CALL TO FIND OUT MORE

(606)864-4167





Valentine's **Day Cookies**

LAUREL.CA.UKY.EDU/JQS

WHY ATTEND?

• LEARN HOW TO TURN SIMPLE COOKIES INTO EDIBLE WORKS OF ART, EXPRESSING YOUR CREATIVITY THROUGH VARIOUS DECORATING TECHNIQUES.

• ENJOY THE THERAPEUTIC BENEFITS OF DECORATING COOKIES, ALLOWING YOU TO UNWIND AND RELIEVE STRESS THROUGH A CREATIVE AND DELICIOUS ACTIVITY.

• SIGN UP WITH A LOVED ONE OR A FRIEND FOR AN EVENING OF FUN AND **SCRMPTIOUS COOKIES!**

DETAILS?

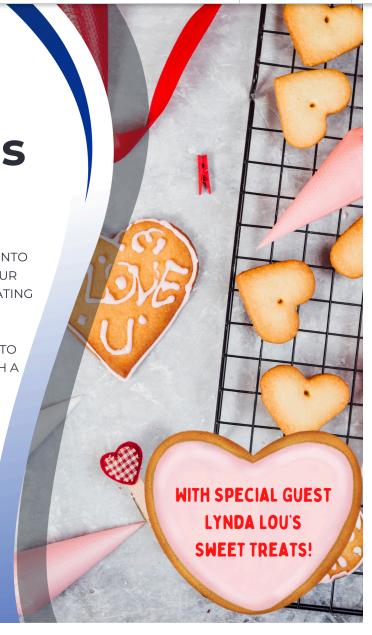
FEBRUARY 8TH 6PM TO 8PM

COST: \$35

REGISTRATION IS REQUIRED



(606)864-4167





Made by YOU

LAUREL.CA.UKY.EDU

WHY ATTEND?

- WE HAVE SPACE FOR YOU TO SPREAD OUT AND WORK ON YOUR EXISTING PROJECTS
- GET HELP WITH ANY QUESITONS THAT HAVE YOU STUMPED!
- SEWERS, KNITTERS, CRAFTERS OF ALL KINDS WELCOME!

DETAILS?
FEBRUARY 7TH
10AM TO 4:30PM & 5:30PM TO 8PM
COST: FREE
REGISTRATION IS REQUIRED







Crafting Calm

LAUREL.CA.UKY.EDU/JQS

WHY ATTEND?

- STEP INTO A WORLD OF TRANQUILITY WITH "CRAFTING CALM," A STRESS RELIEF WORKSHOP DESIGNED TO GUIDE YOU THROUGH THE THERAPEUTIC ART OF CRAFTING.
- UNWIND AND EXPLORE VARIOUS CREATIVE TECHNIQUES THAT NOT ONLY ENHANCE YOUR ARTISTIC SKILLS BUT ALSO PROVIDE A SOOTHING ESCAPE FROM THE DEMANDS OF EVERYDAY LIFE.
- ALL MATERIALS PROVIDED WITH CLASS FEE

DETAILS?FEBRUARY 15TH

6РМ

COST: \$5

REGISTRATION IS REQUIRED



CALL TO FIND OUT MORE

(606)864-4167

AN EQUAL OPPORTUNITY ORGANIZATION



CLICK HERE to register for a CLASS event

CLICK HERE to visit the Laurel County Extension's Website







VALUING PEOPLE. VALUING MONEY.

FEBRUARY 2024

Nichole Huff, Ph.D., CFLE | Assistant Extension Professor Family Finance and Resource Management | nichole.huff@uky.edu

THIS MONTH'S TOPIC: BULKING UP A THIN CREDIT FILE

Your credit score is used when you apply for new credit, but also it could be used to check your reliability for insurance, rent, or a new job. However, some people have not yet had enough credit to generate a file. FICO, the largest company that provides software for calculating credit scores, estimates that 53 million people in the U.S. do not have enough data in their credit files to generate a FICO Score.

A credit score tells businesses how likely you are to pay back what you owe in a timely way. Your score is based on the information in your credit report, such as payment history, length of time you've had accounts open, and how often you open new accounts. Those who don't yet have a file are sometimes called "credit invisible." Others may have a file, but their past credit practices may have led to a score that is not as high as they might wish.

The good news is, there are a few tools available to those who wish to bulk up a thin credit file, either to create a score or to improve the score they already have. Two of these tools are called Experian Boost and UltraFICO.



ULTRAFICO

UltraFICO is a free service that uses additional information that you agree to share to generate this special score. Using a secure online portal, you link your banking accounts, such as checking or savings, so that your banking activity can be weighed in with your credit report data. This score does not replace your traditional score or become part of your credit report. You use an opt-in feature to share it with lenders. This score may be helpful if you have consistently kept positive balances averaging at least \$400 in your bank account.

EXPERIAN BOOST

Experian is one of the three credit reporting bureaus, and it offers its own free service

Cooperative Extension Service

Agriculture and Natural Resources Family and Consumer Sciences 4-H Youth Development Community and Economic Development

MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

Educational programs of Kentucky Cooperative Extension serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political belief, sex, sexual orientation, gender tientity, gender expression, pregnancy, martial status, genetic information, age, veteran status, physical or mental disability or reprisal or retaliation for prior civil rights activity. Reasonable accommodation of disability may be available with prior notice. Program information may be made available in languages other than English. University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating,





1 I Oud I lute It op Meerbe



Broccoli Chowder

2 tablespoons canola oil 1/2 cup chopped onion 3 cloves garlic, finely minced 1/2 cup chopped carrots 2 cups diced, unpeeled red potatoes

3 cups broccoli florets 1/2 teaspoon dried Italian seasoning

1/2 teaspoon salt 1/4 teaspoon pepper 3 tablespoons

all-purpose flour 31/2 cups low sodium chicken broth 1/2 cup half-and-half 1/2 cup low-fat, shredded cheese

In a large heavy pot, heat the oil over medium heat. Add the onion and garlic and sauté 2-3 minutes. Add the carrots, and remove from heat. Ladle into red potatoes and broccoli one at a time: bowls and top with cheese to serve. sauté each about 2 minutes. Add the Italian seasoning, salt, pepper and flour and toss until vegetables are coated. Cook 1-2 minutes. Add the chicken broth and bring to a boil. Reduce heat to low, cover pot and simmer for 15

minutes. Remove lid and stir in the half-and-half. Bring back to a simmer

Yield: 8,1cup servings

Nutritional Analysis: 180 calories; 8g total fat; 2.5 g saturated fat; 15 mg cholesterol; 340 mg sodium; 18 g total carbohydrate; 3 g dietary fiber; 4 g sugar; 8 a protein.



Buying Kentucky Proud is easy. Look for the label at your grocery store, farmers' market, or roadside stand.

Kentucky Broccoli

SEASON: May through early July; October through mid-November

NUTRITION FACTS: Broccoli is a good source of vitamin A, vitamin C and phytochemicals, all of which have health benefits.

SELECTION: Choose tender young, dark green stalks with tightly closed buds. One and one-half pounds of broccoli will yield 4 half-cup servings.

STORAGE: Store broccoli, unwashed, no more than 3 to 5 days, in a perforated plastic bag in the refrigerator. Wash broccoli just before using.

PREPARATION: Wash broccoli under cold running water. Trim the leaves and peel the stalk.

To Steam: Place on a rack above boiling water and steam 6-8 minutes. Rinse with cold water. Drain.

Source: www.fruitsandveggiesmatter.gov

To Boil: Place in a saucepan with 1 inch of boiling water. Cover and cook 5-7 minutes.

To Microwave: Place broccoli in a microwavesafe dish. Add 1 inch of water and cover with a glass lid or plastic wrap. Microwave 3-4 minutes or until crisp-tender.

KENTUCKY BROCCOLI

Kentucky Proud Project

County Extension Agents for Family and Consumer Scie University of Kentucky, Dietetics and Human

Nutrition students

October 2014

Educational programs of Kentucky Cooperativ Extension serve all people regardless of race, color, age, sex, religion, disability, or national origin. For more information, contact your county's Extension agent for Family and Consumer Sciences or visit www.uky.ag.fcs

COOPERATIVE EXTENSION SERVICE





Homemaker Corner



Subscribe

Past Issues Translate ▼

<u>Highlighted Homemaker Lesson</u>

HSW-AHK.001



RSS

Strong Bones for Life: Prevent Osteoporosis

Amy Kostelic, Ph.D.

Family and Consumer Sciences Extension

Heather Norman-Burgdolf, Ph.D.

Dietetics and Human Nutrition

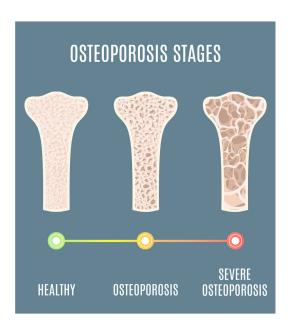
There are many things you can do to keep bones healthy and strong at every age and stage of life. It is never too early, or too late, to embrace a healthy bone lifestyle and work toward preventing osteoporosis.

This publication highlights the risk factors and diagnosis of osteoporosis, prevention and treatment recommendations, as well as lifestyles that promote bone health across the life span. Investing in bone health enhances life quality and independence.

Bone Health Across the Life Span

The benefits of investing in bone health while young last into old age (NIH, 2022). Proper nutrition and lifestyle habits of a pregnant mother can help build strong bones before a baby is even born(NIH/Medline Plus, 2022). During childhood, adolescence, and early adulthood, bones continue to grow in size and density. During this period, proper nutrition and regular exercise can significantly increase bone mass and enhance bone health. Poor health decisions like smoking, inactivity, excessive alcohol intake and poor diet, can decrease bone mass (NIH, 2021).

Most people reach their peak bone mass in their mid- to late-20s and slowly start losing bone mass around age 40 (NIH, 2021; NIH, 2022). It is normal to lose bone mass over time. But those who



have higher peak bone mass when young are better protected against fractures and osteoporosis in old age (NIH, 2021).

What is Osteoporosis and Who Gets it?

Osteoporosis is a disease that causes bones to become porous (less dense), weak, and more prone to breaks. A bone with osteoporosis looks like a honeycomb. The spaces within the honeycomb become larger and the outer shell of the honeycomb becomes thinner.

A minor fall, a sudden movement, and even a sneeze, can break a bone in someone with osteoporosis.

Osteoporosis itself is not painful. Some people do not know they have weak bones or osteoporosis until a bone breaks. Because it happens over a long period of time and there are typically no symptoms in the early stages of bone loss, osteoporosis is called the "silent" or "invisible" disease (IOF, 2019; NIH, 2017). Bones most vulnerable to osteoporosis include the spine, hips, ribs, upper arms, and wrists.

Fractures and breaks can be painful, disfiguring, and life changing. There is no cure for osteoporosis but there are ways to prevent and treat it (IOF, 2019; NIH, 2017, 2018).

Risk Factors and Causes

Osteoporosis affects people of any age, gender, and ethnicity. Some risk factors are preventable, and others are not. Understanding risk factors may help you prevent osteoporosis and fractures.

Preventable Risk Factors	Risk Factors You Cannot Control
Poor diet (low in calcium and vitamin D, excessive dieting, poor	• Age (60+) • Sex (women are at
protein intake)	greater risk) • Race/Ethnicity
• Lack of physical activity	Family history
Weight Smoking	Body size (slender, thin bones)
Excessive alcohol use	Hormonal changes
Various medications	Various medical
Sedentary lifestyle	conditions
	Certain medications

References: IOF, 2019; NIH, 2017; NIH 2018

According to the Mayo Clinic (2021), non-Hispanic white, Asian, and older postmenopausal women are especially susceptible to osteoporosis. The NIH reports that the risk for developing osteoporosis is significant but lower for African and Hispanic women and that osteoporosis is more common in non-Hispanic white men.

Diagnosing Osteoporosis

It is important to talk about bone health with a health-care professional throughout your life span. In addition to the risk factors, signs or symptoms that could indicate a problem include back pain, a change in posture, loss of height over time, or bones that break easily. If you are concerned, you can request bone health assessments, such as a fracture risk assessment and bone mineral density test, to further identify risk (IOF, 2019).

The International Osteoporosis Foundation (IOF) suggests the following list of specific questions to ask a health-care professional:

- "Do I have any risk factors for osteoporosis, including medical conditions or medicines, that cause bone loss?"
- "Do I need a bone mineral density (BMD) test?"
- If you have a BMD test, "What do the results mean, and do I need medicine to protect my bones?"
- "How can I get enough calcium and vitamin D?"
- "What kind of exercise should I do to help strengthen my bones and muscles?"

What is Osteopenia?

When talking about osteoporosis, you might hear about a condition called osteopenia. Osteopenia means that your BMD is lower than normal and you are at increased risk of breaking a bone. Not everyone diagnosed with osteopenia will develop osteoporosis (IOF, 2019).

Treating Osteoporosis

Treatment for osteoporosis varies depending on the person and risk (IOF, 2019). Various treatments have proven to reduce the risk of various types of fracture. Health-care professionals may also prescribe calcium

and vitamin D supplements. They may recommend weight-bearing and muscle-strengthening exercises to help maintain bone, strength, and balance. Health-care professionals may also encourage fall prevention measures, such as having your vision checked, regular exercise, managing medication, and making home modifications. Treatment for osteoporosis can be effective and contribute to life quality, including an active and independent life (IOF, 2019).

Be Proactive: Bone Health at Every Age and Stage

To help improve bone health, consider bone-healthy nutrition, physical activity, and fall prevention.

Nutrition to Support Bone Health

As people grow and age, bones are constantly changing. This means you should eat a diet that supports healthy bones. Calcium is a mineral your body needs to work the right way and helps to build and maintain your bones. It is essential to give your body the calcium it needs across the life span. Your need for calcium changes based on age and life stage.

Meeting Calcium Needs

Below is a table that provides the Recommended Dietary Allowances (RDAs) for calcium for all ages.

Age and Life Stage	Daily Calcium Needs (mg)
0-6 months*	200 mg
7-12 months*	260 mg
1-3 years	700 mg
4-8 years	1,000 mg
9-18 years	1,300 mg
19-50 years	1,000 mg
51-70 years (male)	1,000 mg
51-70 years (female)	1,200 mg
Over 70 years	1,200 mg

^{*}Adequate intakes provided rather than RDAs

You can find calcium in plenty of foods but mostly in dairy items. For those who cannot tolerate cow's milk or animal-based dairy items, other foods and beverages can help you meet your daily calcium needs. Foods and beverages that are good sources of calcium include:

- Dairy-based milks (e.g., cow, goat, sheep)
- Plant-based milk-type beverages (e.g., almond, soy)
- Cottage cheese and yogurts
- Cheeses
- Almonds
- Sardines and salmon
- Leafy greens (e.g., collard, kale, turnip, spinach, mustard)
- Calcium-fortified products (e.g., orange juice, breakfast cereals)

From the age of 4 and throughout adulthood, every person should consume at least 1,000 mg of calcium each day. As an example, eating the following foods and beverages in one day would help you meet the minimum daily requirement of 1,000 mg of calcium. This does not represent the only food you should eat in one day but is one example of how you can get calcium throughout the day in a variety of foods. These suggestions equal approximately 1,082 mg of calcium.

- Cup (8 ounces) of calcium-fortified orange juice with breakfast,
- One serving of calcium-fortified breakfast cereal with one cup of nonfat milk,
- Cup (8 ounces) of yogurt for a snack, and
- Salmon (3 ounces) with ½ cup of spinach for dinner.

Adding Calcium to the Diet

There are affordable and creative ways to add calcium to your diet each day if you find it difficult to reach your daily needs. Consider the following ideas:

- For snacks, consider cheese (e.g., mozzarella, cheddar), a handful of almonds, or dry, calciumfortified breakfast cereals.
- Add cheese to sandwiches, vegetables, and main dishes.
- Add cottage cheese or ricotta to waffle or pancake batter.
- For those who do not like milk, consider drinking your calcium in a smoothie made with leafy greens, fruits, and calcium-fortified orange juice.

Vitamin D is another important nutrient for bone health. You need vitamin D to build and maintain strong bones and muscles. It also helps the body absorb calcium better when the nutrients are eaten together during the same meal or snack. There are a few foods naturally high in vitamin D. Some include salmon, canned tuna, egg yolks, cow's milk, and other vitamin D-fortified foods like orange juice and breakfast cereals.

Physical Activity to Support Bone Health

According to the IOF, there is a strong relationship between bone health and physical activity at every age and stage of life. Exercise during childhood can establish heathy habits as well as strong bones for later in life. Young adults who regularly exercise achieve greater peak bone mass than those who are not active. Moving more and sitting less can increase bone and muscle strength, decrease risk of bone fracture, improve balance and posture, and relieve or decrease pain (Mayo Clinic, 2021). A lifetime of physical activity is associated with maintaining bone mineral density.

Experts recommend weight-bearing and resistance exercises for keeping bones healthy and strong.

 Weight-bearing exercises include walking, hiking, jogging, climbing stairs, skipping rope, dancing, and racquet sports like tennis and pickleball.
 According to the IOF, vigorous exercise that requires

- short bursts of high-intensity and/or high-impact movement are more stimulating to bone cells than low-impact exercise. But even walking can reduce the risk of hip fractures. While aerobic activities like swimming and cycling are good for cardiovascular health, because they are not weight-bearing, they do not improve bone density (NIH, 2018).
- Resistance exercise includes weightlifting. Heavy
 weights lifted rapidly are more effective than
 light weights lifted slowly. The International
 Osteoporosis Foundation recommends targeting
 bones more prone to osteoporotic fracture hip,
 wrist, and mid-spine.

If you are older than 40, have osteoporosis or other health conditions, such as heart trouble, high blood pressure, diabetes, or obesity, it is important to talk to a health-care professional to design a physical activity program appropriate for your ability (NIH, 2018). It is important to stretch and strengthen muscles safely, protect posture, and monitor progression of activity. You should also consider supervised exercise, especially your if balance is poor. Avoid exercise or activity associated with frequent injuries, like mountain biking or ice skating.

Meeting Physical Activity Recommendations

Increasing physical activity at any point across the life span enhances bone health (Carter, et al., 2014). Below is a table summarized from the CDC's second edition of the Physical Activity Guidelines for Americans that provides the minimum recommended amount of daily physical activity for all ages (CDC, 2018; 2021). Activity associated with bone loading can help reduce the risk of fractures in later life (Carter, et al., 2014; Office of the Surgeon General, 2004). Bone loading is placing weight and tension on the bone which promotes healthy and normal bone growth. This is done through movement, weight-bearing exercises, and resistance exercises. Remember, some physical activity is better than none.

3-5 years

Recommended dally Physical Activity

Physical activity every day throughout the day

Example Activities for Bone Health

Active play through various physical activities that children enjoy such as running, jumping, skipping, and dancing

6-17 years

Recommended dally Physical Activity

60 minutes or more of moderate-to-vigorous-intensity physical activity daily

As part of the 60 minutes, on at least 3 days a week:

- Vigorous activity
- Muscle-strengthening activity
- Bone-strengthening activity

Example Activities for Bone Health

Weight-bearing aerobic activity such as racquet sports, soccer, basketball, volleyball, tennis, softball, baseball, aerobic dancing, running, and hiking

Muscle-strengthening activity like jumping rope and gymnastics

Bone-strengthening activity like climbing and pushups

6-17 years

Recommended daily

Physical Activity

At least 150 minutes a week of moderate-intensity activity

Or at least 75 minutes of vigorous-intensity aerobic physical activity in a week or an equivalent combination of moderate- and vigorous-intensity activity

At least two days a week of activities should include muscle strengthening that works all major muscle groups (legs, hips, back, abdomen, chest, shoulders, and arms)

Example Activities for Bone Health

Weight-bearing aerobic activity such as brisk walking, running or jogging, stair climbing, elliptical training, dancing, and racquet sports

Weight training and resistance exercises like free weights, weight machines, pushups, planks, squats, and using a resistance band

Exercises that help with flexibility include stretching, tai chi, and yoga

65+ years

At least 150 minutes a week of moderate-intensity activity

Recommended daily Physical Activity

Or do at least 75 minutes of vigorous-intensity aerobic physical activity on a weekly basis or an equivalent combination of moderate- and vigorous-intensity activity

At least two days a week of activities should include muscle strengthening that works all major muscle groups (legs, hips, back, abdomen, chest, shoulders, and arms)

At least 3 days a week should include balance activities

Example Activities for Bone Health

Weight-bearing, low-impact aerobic activity such as brisk walking, dancing, elliptical training, stair climbing, and gardening

Weight training and resistance exercises like free weights, weight machines, resistance bands, and water exercises

Activities and stretches to improve balance and flexibility like standing on one foot, walking backward, using a wobble board, tai chi, or yoga

Adults with chronic conditions and disabilities

Recommended daily Physical Activity

At least 150 minutes a week of moderate-intensity aerobic physical activities a week, which can be broken down to 30 minutes a day, 5 days a week

At least 2 days a week should include muscle strengthening that works all major muscle groups (legs, hips, back, abdomen, chest, shoulders, and arms)

If unable to meet recommendations, be as active as possible based on abilities and conditions - avoid inactivity

Example Activities for Bone Health

Walking, wheelchair rolling, biking, swimming, water aerobics, some yoga postures, resistance bands, weight machines, hand-held weights

Talk to a health-care professional about appropriate exercises for weight-bearing, resistance, and flexibility

Avoid high-impact exercise and movements that include bending and twisting

Pregnant and Postpartum Women

Recommended daily Physical Activity

At least 150 minutes of moderate-intensity aerobic activity

If unable to meet recommendations, be as active as possible - avoid inactivity

Be under the care of a health-care provider to monitor your physical activity

Past Issues

Translate ▼

RSS

The CDC reinforces that you should "aim for the recommended activity level but be as active as one is able." Talk to your health-care provider if you are unsure about your bone health for physical activity.

The International Osteoporosis

Foundation recommends the following exercise program to increase bone density:

- 1. "About 50 jumps (approx. 3 inches high, three to six days per week)."
- "Two to three sets of 10 repetitions of multiple weight-lifting exercises, three days per week."
- 3. "45 to 60 minutes of weight-bearing aerobic exercise three days per week (e.g., brisk walking)."

Fall Prevention to Support Bone Health

One fall can be life changing. Falls are the leading cause of injury and injury-related death among older adults (National Council on Aging, 2022). Falls can affect independence. They also create a fear of falling, which then limits physical and social activity. The effect of falls is compounded in people with osteoporosis (International Osteoporosis Foundation 2022).

Exercise helps prevent falls. Exercise before the age of 40 can help reduce the risk of falling in later life (International Osteoporosis Foundation, n.d.). Weight-bearing exercise contributes to improved gait speed, muscle strength, and balance (International Osteoporosis Foundation, n.d.). Exercises that target balance and lower and upper limb strength are best for reducing fractures and fall risk. For healthy individuals, exercises like tai chi, yoga, and Pilates

help improve balance.

Other ways to prevent falls include (NIH, 2022; International Osteoporosis Foundation, 2022):

- Managing medications
- Keeping glasses clean and getting vision checked yearly
- Taking safety precautions at home like installing proper lighting and grab bars in bathrooms
- Using mobility devices properly
- Wearing proper footwear
- Standing up slowly
- · Being careful on stairs
- Taking extra precaution outdoors in bad weather

Leading a Healthy Bone Lifestyle

Whether you are taking care of yourself, your children, or your grandchildren, there are things you can do across the life span in addition to choosing calcium-rich foods that will help prevent osteoporosis and build strong bones for life.

- Choose foods rich in calcium and vitamin D to build and maintain strong bones. Vitamin D makes it easier for the body to absorb calcium in the gut. Magnesium plays an important role in managing calcium and vitamin D in the body.
- Look for ways to move your body and add physical activity to your day. Walking, taking the stairs, or playing your favorite sport are all ways to add weight-bearing activity to your day. Find movement that you enjoy. Lifting light weights also strengthens bone.
- Take steps to reduce risks of falls. This could be increasing physical activity or looking around your home for safety hazards that could cause falling.

"It is never too early or too late to take care of your bones." NIH

- Enjoy safe sunshine. The sun is a natural way for our bodies to increase vitamin D levels. It is still possible to increase vitamin D levels in the body while also using shade during sunny days, wearing sunscreen, or choosing protective clothing when outside.
- Some behaviors cause weak bones. Avoid smoking and excessive drinking. They are linked to increased risk of bone fractures and osteoporosis.
- Has anyone in your family had a broken bone, specifically a hip, forearm, wrist, or spine?
 Knowing the family history of close family members, like parents and siblings, can tell your health-care team if you need to be screened earlier for osteoporosis.
- Are you taking medications or supplements? Talk
 to your health-care team about the medications
 you are taking and if they affect bone health.
 Ask that a registered dietitian nutritionist (RDN)
 be added to your health-care team if you have
 concerns about calcium, vitamin D, and your diet.

References

Past Issues

https://www.osteoporosis.foundation/educationalhub#main

References/Resources

Carter M. I., Hinton P. S. (2014). Physical activity and bone health. Mo Med. Jan-Feb;111(1):59-64. PMID: 24645301; PMCID: PMC6179512. Retrieved Dec. 2, 2022 from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6179512/#:~:text=The%20American%20 College%20of%20Sports,preserve%20 bone%20health%20during%20adulthood

Calcium. (2022). Retrieved Dec. 1, 2022, from

https://www.eatright.org/health/essentialnutrients/minerals/calcium **RSS**

- CDC. (2021). Physical Activity for Different Age Groups. Retrieved Dec. 2, 2022, from https:// www.cdc.gov/physicalactivity/basics/agechart.html
- Hill, M. A. (Nov. 14, 2022) Embryology
 Musculoskeletal System Bone Development
 Timeline. Retrieved from https://embryology.
 med.unsw.edu.au/embryology/index.
 php/Musculoskeletal_System_-_Bone_
 Development_Timeline
- International Osteoporosis Foundation (IOF). (2022). Falls Prevention. Retrieved Dec. 1, 2022 from https://www.osteoporosis. foundation/health-professionals/fragility-fractures/falls-prevention
- International Osteoporosis Foundation (IOF).
 (2016). Love your bones: Protect your future.
 Retrieved Nov. 14, 2022 from https://www.
 osteoporosis.foundation/sites/iofbonehealth/
 files/2019-06/2016_KnowYourRiskBrochure_
 Brochure_English.pdf
- International Osteoporosis Foundation (IOF).

 (N.D.) Love your bones: Exercise Fact Sheet.
 Retrieved Dec/ 1, 2022 from https://www.
 osteoporosis.foundation/sites/iofbonehealth/
 files/2019-04/2011_Exercise_FactSheet_
 English.pdf
- International Osteoporosis Foundation (IOF). (N.D.). Reduce Your Risk of Falls and Fractures. Retrieved Dec. 1, 2022 from https://www.osteoporosis.foundation/sites/iofbonehealth/files/2020-10/falls-prevention-fact-sheet-PRESSEN.pdf

International Osteoporosis Foundation (IOF). (2019). That's Osteoporosis. Retrieved Nov. 14, 2022 from https://www.osteoporosis.foundation/sites/iofbonehealth/files/2019-12/2019-Patient-Leafletenglish-PRESS.pdf

Mayo Clinic. (2021). Exercising with osteoporosis: Stay active the safe way. Retrieved Dec. 2 2022 from https://www.mayoclinic.org/diseases-conditions/osteoporosis/in-depth/osteoporosis/art-20044989#:~:text=Examples%20include%20 walking%2C%20dancing%2C%20low,heart%20 and%20circulatory%20system%20health.

Mayo Clinic. (2021). Osteoporosis. Retrieved February 6, 2023 from https://www.mayoclinic.org/ diseases-conditions/osteoporosis/symptoms-causes/ syc-20351968

National Council on Aging. (2022). Get the Facts on Fall Prevention. Retrieved Dec. 1, 2022, from https://ncoa.org/article/get-the-facts-on-falls-prevention

NIH. (2018). Bone Health for Life: Health Information Basics for You and Your Family. Retrieved Nov. 14, 2022 from https://www.bones. nih.gov/health-info/bone/bone-health/bone-health-life-health-information-basics-you-and-your-family

NIH. (2018). Exercise for Your Bone Health. Retrieved Dec. 1, 2022 from https://www.niams. nih.gov/health-topics/exercise-your-bone-health

National Institutes of Health-Medline Plus. (2022). Fetal development. Retrieved Nov. 14, 2022 from https://medlineplus.gov/ency/article/002398. htm#:-:text=Weeks%2031%20to%2034%20 Your%20baby%20grows%20quickly,baby%27s%20 body%20begins%20storing%20iron%2C%20 calcium%2C%20and%20phosphorus.

NIH. (2018). Kids and their bones: A guide for parents. Retrieved Nov. 14, 2022, from https://www.niams.nih.gov/health-topics/kids-and-their-bones

NIH. (2017). Osteoporosis. Retrieved Nov. 14, 2022, from https://www.nia.nih.gov/health/osteoporosis

NIH. (2022) Osteoporosis. Retrieved February 6, 2023 from https://www.niams.nih.gov/health-topics/osteoporosis

National Institutes of Health (NIH). (2021). (Dietary Supplement Fact Sheet: Calcium); Institute of Medicine of the National Academies (Dietary Reference Intakes for Calcium and Vitamin D). Retrieved Nov. 14, 2022 from https://orthoinfo.aaos.org/en/staying-healthy/healthy-bones-at-every-age/

Office of Dietary Supplements - Calcium. (2022). Retrieved Dec. 1, 2022, from https://ods.od.nih.gov/factsheets/calcium-healthprofessional/#h3

Office of the Surgeon General (US). (2004). Bone Health and Osteoporosis: A Report of the Surgeon General. Rockville (MD): Office of the Surgeon General (US). Table 7-6, Weight-Bearing Exercise for Kids and Teens. Available from https://www.ncbi.nlm.nih.gov/books/NBK45523/table/ch7.t6/

Vitamin D | International Osteoporosis
Foundation. (2022). Retrieved Dec. 2, 2022, from
https://www.osteoporosis.foundation/patients/
prevention/vitamin-d?utm_source=Enigma&utm_

Educational programs of Kentucky Cooperative Extension serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political belief, sex, sexual orientation, gender identity, gender expression, pregnancy, marital status, genetic information, age, veteran status, physical or mental disability or reprisal or retaliation for prior civil rights activity. Reasonable accommodation of disability may be available with prior notice. Program information may be made available in languages other than English. University of Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.

77

KT0923



Have questions?

Feel free to reach out to us at any time with your questions or concerns! Lora Davidson FCS Agent

(606)864-4167 lora.davidson@uky.edu





Robin Davis
FCS Program
Assistant
(606)864-4167
robin.davis@uky.edu

T i n a H e f n e r F C S S t a f f A s s i s t a n t (606)864-4167 t i n a . h e f n e r @ u k y . e d u





Our mailing address is:

Want to change how you receive these emails?
You can <u>update your preferences</u> or <u>unsubscribe</u>