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## Making 80 the New 60

When Dana Gibson was feted at her 80th birthday party, several people attested to how she operates more like a 60-year-old than an 80-year-old. She travels extensively—though her exploring the wilds of Guatemala may have slowed down—attends Broadway plays and cultural events, plays tennis several times a week, hikes, volunteers at a church, is as active as many millennials, and looks 20 years younger than her age.

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What is even better? She is not alone. Gone are the days of seniors relegated to sitting on porches, swinging life away. There is a major demographic transformation underway, and it is a phenomenon acknowledged by more than just the medical community.

Unlike several decades ago, seniors living into their 80s has become commonplace. The Internet is replete with lists of influential over-80s who are still going strong: activist Jane Fonda (84), director Clint Eastwood (91), singer Joan Baez (81), and actress Rita Moreno (90).

In fact, in the past two years, two octogenarians helped lead the country amid the COVID-19 pandemic and the political crisis surrounding the January 6 insurrection: Anthony Fauci, immunologist and director of the National Institute of Allergy and Infectious Diseases, and Nancy Pelosi, speaker of the House of Representatives. Both are 81 years old.

So what is the secret sauce to operating like a 60-year-old when you're 20 years older? A great deal of it has to do with choice.

### Make Good Choices

Experts in longevity attest to the fact that staying healthy into one's 80s depends on making the right dietary choices, exercising, avoiding undue risks, and, of course, having a good genetic base.

But becoming a fit octogenarian starts way back in a person's life, says S. Jay Olshansky, a professor

at the School of Public Health at the University of Illinois at Chicago who specializes in aging. High school students, for example, acquire bad habits that shorten their lives, such as smoking, excessive drinking, steady drug use, or eating too much and becoming obese.

Andrew Steele, a physicist and author of *Ageless: The New Science of Getting Older Without Getting Old*, agrees. "Not smoking is the single most important thing you can do. Smoking can knock off 10 years of your expectancy," he says. And then, of course, not eating too much, avoiding obesity, and getting regular exercise all heighten the chances of living longer.

### **Keep It Moving**

Olshansky says it is critical to keep the blood flow moving. "Our body is [made up] of components that deteriorate when they're not being used," he says.

If you stop using your muscles, your body won't waste the energy it needs to take care of them. Instead, your body will start to break your muscles down, which causes them to decrease in size and strength. The amount of time it takes for your muscles to atrophy depends on your age, fitness level, and cause of atrophy. If your muscle atrophy is due to disuse, the process can start within two to three weeks of when you stop using your muscles.

The good news is that disuse atrophy can be treated with regular exercise and better nutrition. Your healthcare provider may recommend physical therapy or an exercise plan. Even if you can't actively move certain joints in your body, you can do still exercises wearing a splint or brace.

The mind also operates more efficiently when it has sufficient blood flow, Olshansky says. "The seniors who forget things are having a difficult time with the blood flow in their brain and making synaptic connections."

Steele says more exercise also helps to sustain an active mind. "When you're running, and your heart is beating in your chest, and you're improving your cardiovascular muscles, you're improving your mental health," says Steele.

### **Avoid Isolation**

People in their 80s who are thriving have several things in common, including a lifetime of healthful and nurturing environments, access to medical care, education, meaningful relationships, physical activity, nutrition, and engagement with people, says Linda Fried, dean of the Mailman School of Public Health at the Columbia University Medical Center in New York City. Avoiding isolation is a key ingredient, she says.

Fried's research shows that older adults are prone to three specific kinds of loneliness. The first is brought on by a lack of intergenerational contact. "We need all age groups to interact to create meaningful lives," Fried says.

Second, aging adults tend to feel lonely when they aren't able to contribute to society. While others might bond with colleagues or schoolmates, the elderly are not likely to have such outlets. And finally, aging adults are prone to what Fried calls an *existential loneliness*, or the sense that life lacks meaning or purpose.

Older adults can take mental stock of the extent to which they feel lonely or socially isolated. Am I feeling left out? To what extent are my relationships supportive? Then, they should consider what underlies any problems. Why don't I get together with friends? Why have I lost touch with people I

once spoke with?

**Find a Passion**

Operating like a person 20 years younger requires finding your passion. People in their 70s are faced with a choice, says Michael Brickey, a psychologist based in Columbus, Ohio, who wrote *The 52 Baby Steps to Grow Young*. They can sit in front of the TV and stagnate or learn how to play bridge, swim, or line dance or can join Toastmasters and learn to give speeches, he says.



Health experts from *silversneakers.com* share four compelling reasons older adults should keep seeing their doctors at least once a year.



**You might spot silent symptoms.**

“Frequently, health issues can be silent—and not noticed by the patient—until fairly late in the course of illness,” says Susan Besser, M.D., a primary care physician at Mercy Medical Center in Baltimore. “Having regular, periodic doctor’s visits helps to catch potential health problems when they are early in the process.”



**You won’t forget about important screenings.**

When and how often you need certain screenings depend on a variety of factors, including your age and personal risk profile.

A yearly physical is a great time to discuss these with your doctor:

- blood tests for cholesterol, lipid, and triglyceride levels
- a colonoscopy
- a gynecological exam and mammogram for women or a prostate screening for men



**You’ll stay on top of immunizations.**

Vaccines are important throughout your life, and there are a few that are specifically recommended for older adults. The Centers for Disease Control and Prevention says that seniors should get vaccinated against pneumonia and shingles, and everyone needs a flu shot once a year. You might also be due for a tetanus and diphtheria booster; you need one every 10 years. Also, be sure to talk with your doctor about the COVID-19 vaccines and follow-up boosters.



**You’ll get your health questions addressed.**

Even if you’re pretty healthy, a checkup is a chance to have a one-on-one with a medical expert, so why not take advantage of it? Whether you’re considering making some changes to your diet, wondering if you should do more strength training, or debating if a supplement your friend recommended is

At age 76, Brickey has started to garden and learn about plants and soil. For him, gardening brings “a

sense of purpose and joy and a sense of accomplishment.” Other people might find a passion in music, reading, Bible study, bike riding, making art, or pets. One way you know you’ve hit a passion is when you get so absorbed that you lose track of time and are totally immersed, says Brickey.

#### **Monitor, Monitor, Monitor**

As they age, people need to start protecting and monitoring their bodies, says Olshansky, who is 68 years old. He stopped running eight years ago and started walking because “knees and hips are hinges that don’t last forever.”

To stay fit at age 80, Olshansky’s advice is monitor, monitor, monitor. In his personal life, he sees his primary care physician, dermatologist, and eye doctor regularly for checkups that help monitor the body parts that tend to fail between 60 and 80, he says. By analogy, he says automobiles with 60,000 to 80,000 miles must be treated more carefully and brought in for repairs more often than cars with 20,000 miles.

#### **Social and Economic Changes**

Steele, who lives in Slough, a suburb of London, says that “huge social and economic changes, such as conquering infectious diseases and creation of antibiotics,” contribute to people living longer and staying healthy.

In the next few years, there will be breakthrough medications and pills that will help intervene in the aging process and help slow the process of aging, Olshansky says.

According to *The Washington Post*, leading the list of candidates is metformin, a longtime treatment for type 2 diabetes, and rapamycin, a chemotherapy agent and immunosuppressant. Scientists also are studying a class of compounds known as senolytics, which attack senescent cells in the body that tend to proliferate with age. Senescent cells damage healthy cells around them, contributing to multiple age-related diseases.

#### **Super Agers**

Olshansky refers to people who are physically active and mentally sharp at age 80 and *super agers*. “These folks all come from a family history of exceptional longevity,” says Olshansky. “They all look younger for their age.” What you’re seeing is a signal indicating that the biological rate of aging is occurring at a slower rate, he says. “They have, in short, won the genetic lottery.”

Staying youthful and active into your 80s depends on “a mixture of genetic luck, consciousness, having passions, and developing the belief and coping skills that give you a thoughtful outlook,” says Brickey.



### Fit and Mentally Acute at 80

Staying healthy, fit, and mentally acute at age 80 requires a panoply of different things, explained Art Kramer, a professor of psychology and director of the Center for Cognitive & Brain Health at Northeastern University in Boston, Massachusetts. He enumerated the factors below for consideration:

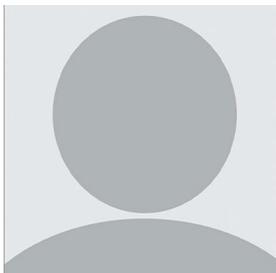
- Making positive lifestyle choices, including staying physically active, as opposed to being sedentary and sitting on a couch for most of the day. A *JAMA Internal Medicine* study from 2002 noted that simply adding 10 minutes of exercise, including rapid walking, swimming, or bicycling, to their routines would save 110,000 deaths annually in the U.S.
- Diet plays a crucial role. For example, consider following a Mediterranean diet, replete with vegetables and fruits, and avoid fatty meat.
- Sleeping eight hours a day contributes to living

the longest possible life. If a person's sleep is interrupted, it disrupts the ability to get through the day. Mindfulness training and meditation can help turn things around, and sleep medications can also be useful, although they have side effects.

- Staying socially connected and interacting with others, such as having supportive friends and family, inspires longevity.
- Being intellectually engaged, from reading to learning new languages or a new musical instrument, keeps the brain nimble and active.
- One other factor that you're born with, genetics, serves as another major influence and determiner.



### Author(s)



### Gary Stern

<https://www.captrust.com/people/gary-stern/>

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