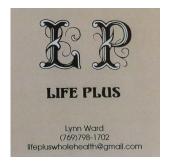
## Effectiveness

## The Whole Health Approach!

Feel Your Best and Be Your Best While Leading and Serving Others.

## **AND**

How to incorporate Wellness into your Volunteer Program



#### See 1 citation found by title matching your search:

Soc Sci Med. 2008 Jun;66(11):2321-34. doi: 10.1016/j.socscimed.2008.01.011. Epub 2008 Mar 5.

## Doing well by doing good. The relationship between formal volunteering and self-reported health and happiness.

Borgonovi F<sup>1</sup>.

Author information

Abstract

In this paper, we examine whether engaging in voluntary work leads to greater well-being, as measured by self-reported health and happiness. Drawing on data from the USA, our estimates suggest that people who volunteer report better health and greater happiness than people who do not, a relationship that is not driven by socio-economic differences between volunteers and non-volunteers. We concentrate on voluntary labor for religious groups and organizations and using second stage least square regressions we find that religious volunteering has a positive, causal influence on self-reported happiness but not on self-reported health. We explore reasons that could account for the observed causal effect of volunteering on happiness. Findings indicate that low relative socio-economic status is associated with poor health both among those who volunteer and those who do not. Low status, however, is associated with unhappy states only among those who do not volunteer, while volunteers are equally likely to be happy whether they have high or low status. We propose that volunteering might contribute to happiness levels by increasing empathic emotions, shifting aspirations and by moving the salient reference group in subjective evaluations of relative positions from the relatively better-off to the relatively worse-off.

PMID:

18321629

Br J Pharmacol. 2012 Sep;167(1):1-12. doi: 10.1111/j.1476-5381.2012.01970.x.

#### Exercise acts as a drug; the pharmacological benefits of exercise.

 $\frac{\text{Vina J}^1, \, \text{Sanchis-Gomar F}, \, \text{Martinez-Bello V}, \, \text{Gomez-Cabrera MC}.}{\text{\bf Author information}}$ 

**Abstract** 

The beneficial effects of regular exercise for the promotion of health and cure of diseases have been clearly shown. In this review, we would like to postulate the idea that exercise can be considered as a drug. Exercise causes a myriad of beneficial effects for health, including the promotion of health and lifespan, and these are reviewed in the first section of this paper. Then we deal with the dosing of exercise. As with many drugs, dosing is extremely important to get the beneficial effects of exercise. To this end, the organism adapts to exercise. We review the molecular signalling pathways involved in these adaptations because understanding them is of great importance to be able to prescribe exercise in an appropriate manner. Special attention must be paid to the psychological effects of exercise. These are so powerful that we would like to propose that exercise may be considered as a psychoactive drug. In moderate doses, it causes very pronounced relaxing effects on the majority of the population, but some persons may even become addicted to exercise. Finally, there may be some contraindications to exercise that arise when people are severely ill, and these are described in the final section of the review. Our general conclusion is that exercise is so effective that it should be considered as a drug, but that more attention should be paid to the dosing and to individual variations between patients.

© 2012 The Authors. British Journal of Pharmacology © 2012 The British Pharmacological Society.

PMID:

22486393

Health Psychol. 2008 Sep;27(5):584-92. doi: 10.1037/0278-6133.27.5.584.

## Long-term effects of lifestyle changes on well-being and cardiac variables among coronary heart disease patients.

Pischke CR¹, Scherwitz L, Weidner G, Ornish D.

Author information

Abstract

#### **OBJECTIVE:**

To focus on psychological well-being in the Lifestyle Heart Trial (LHT), an intensive lifestyle intervention including diet, exercise, stress management, and group support that previously demonstrated maintenance of comprehensive lifestyle changes and reversal of coronary artery stenosis at 1 and 5 years.

#### **DESIGN AND MAIN OUTCOME MEASURES:**

The LHT was a randomized controlled trial using an invitational design. The authors compared psychological distress, anger, hostility, and perceived social support by group (intervention group, n = 28; control group, n = 20) and time (baseline, 1 year, 5 years) and examined the relationships of lifestyle changes to cardiac variables.

#### **RESULTS:**

Reductions in psychological distress and hostility in the experimental group (compared with controls) were observed after 1 year (p < .05). By 5 years, improvements in hostility tended to be maintained relative to the control group, but reductions in psychological distress were reported only by experimental patients with very high 5-year program adherence. Improvements in diet were related to weight reduction and decreases in percent diameter stenosis, and improvements in stress management were related to decreases in percent diameter stenosis at both follow-ups (all p < .05).

#### **CONCLUSION:**

These findings illustrate the importance of targeting multiple health behaviors in secondary prevention of coronary heart disease.

PsycINFO Database Record (c) 2008 APA, all rights reserved.

PMID:

#### The Biological Reaction to Stress

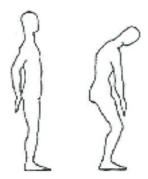
Biochemical changes that lead to adaptation or exhaustion

Stressors: Events which require adaptation by the body

Weather, Temperature (heat, cold, sun)
Inadequate Nutrition (excess or deficient nutrients)
Strong Emotions (positive or negative)
Lack of Rest, Sleep or Excessive Work, Exercise
Allergies or Compromised Immunities
Trauma (wounds, burns, crush injuries)
Infections (dental and full body)
Surgery (anesthesia; includes dental work)
Reproduction (hormonal and excitatory stress)

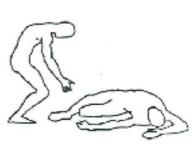
Stress adaptation increases need of specific nutrients:

Protein Vitamins A, C, E Vitamin B Complex Cholesterol Essential Fatty Acids Essential Minerals



Short Term Stress

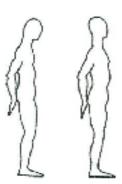
- "fight or flight"
- increased adrenal medulla function: epinephrine, norepinephrine
- increased heart rate
- · increased lung capacity
- dilation of pupils
- increased glucose and fat utilization
- · increased blood pressure
- increased excitation of nervous system
- decreased digestive-function
- increased blood clotting
- increased sweating



Prolonged Stress

- increased adrenal cortex function: cortisol, cortisone
- decrease immune function: thymus, bone marrow
- increased susceptibility to disease
- decreased digestive function
- decreased reproductive function
- exhaustion, fatigue
- increased use or desire for "stimulants"
- · increased demand for nutrients
- vascular tension

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Recovery

#### Normalization of:

- cardiovascular function
- digestive function
- immune function
- reproductive function
- glucose utilization
- resistance to disease
- energy and vitality

Information from Hans Selye's book The Stress of Life

## **Blue Zones Power 9**<sup>®</sup>



#### **Move Naturally**

 Make daily physical activity an unavoidable part of your environment



#### **Right Outlook**

- 2. Know your purpose
- 3. Downshift: Work less, slow down, take vacations



#### **Eat Wisely**

- 4. Eat until 80% full
- 5. More veggies, less meat & processed food
- 6. Drink a glass of red wine each day







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#### Belong

- 7. Create a healthy social network
- 8. Connect/reconnect with religion
- 9. Prioritize family

Dieting *ImmuneSystem* VisionBoard



# Wellness for Older Adults in Daily Life

Mihyun Kang, Ph.D. Assistant Professor

Randall Russ, Ph.D. Associate Professor

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The wellness of older adults becomes more important as this age group increases in size. In the United States, about 70 million people will be over the age of 65 in 2030. This group will represent about 20 percent of the total U.S. population by 2030. Presently, the focus of wellness for older adults focuses on physical health. This fact sheet focuses on wellness for older adults and a Whole-Person Wellness Model. It recommends how daily activities can contribute to overall health.

#### What is a Whole-Person Wellness Model?

In 1961, a physician named Halbert L. Dunn first introduced the term wellness. Dr. Dunn described it as a lifestyle approach for pursuing physical and psychological well-being. The concept of wellness was expanded by Bill Hettler, co-founder and president of the board of directors of the National Wellness Institute. Dr. Hettler proposed interdependent, whole-person wellness for the six-dimension wellness model: physical wellness, emotional wellness, spiritual wellness, intellectual wellness, occupational wellness and social wellness (See Figure 1). The working definition of each dimension is as follows:

#### **Physical Dimension of Wellness**

This recognizes the need for regular physical activity. Physical development encourages learning about diet and nutrition, while discouraging the use of tobacco, drugs, and excessive alcohol consumption. Good physical wellness is met through the combination of good exercise and eating habits.

#### **Emotional Dimension of Wellness**

This recognizes the awareness and acceptance of your feelings. The ability to form relationships with others based on mutual commitment, trust, and respect is a critical part of emotional wellness.

Oklahoma Cooperative Extension Fact Sheets are also available on our website at: http://osufacts.okstate.edu

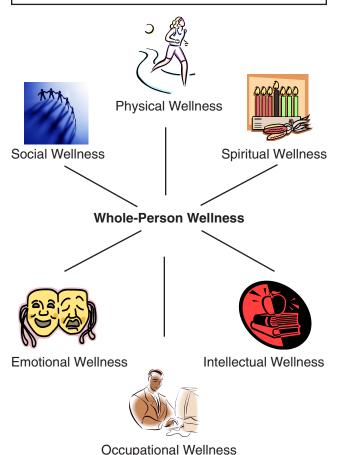


Figure 1. A Whole-Person Wellness Model.

#### **Spiritual Dimension of Wellness**

This recognizes your search for meaning and purpose in life. An example is peaceful harmony between internal personal feelings and emotions through life and measuring those against personal values.

#### **Intellectual Dimension of Wellness**

This recognizes your creative, stimulating mental activities. A well-rounded person expands their knowledge and skills while discovering the potential for sharing their gifts with others.

#### **Occupational Dimension of Wellness**

This recognizes personal satisfaction in your life through work. Individuals can convey their values through involvement in activities that satisfy them.

#### Social Dimension of Wellness

Encourages contributing to your environment and community. The social dimension emphasizes the interdependence between others and nature.

#### Why is Wellness Important?

The number of older adults over the age of 65 is increasing, and many of them live alone without support from a caregiver. As a result, then need to be more physically, emotionally, spiritually, intellectually, occupationally and socially healthy for independent living. The benefits of improved whole-person wellness for older adults are the following:

- · Increased quality of life.
- Longer and healthier life.
- Active social interaction.
- Mental and emotional health.
- Active part of the workforce.
- Financial independence.

#### **How to Improve Wellness Participation?**

The most important element of improving older adults' health is to promote their participation in wellness activities. Through community support, needs awareness and education, older adults are expected to achieve the goal of increasing their participation in wellness programs.

#### **Community Support**

In a survey of Oklahoma community centers, findings showed that the centers provide one or more wellness activities for older adults. Findings from the survey indicated that 16 percent of the centers offered activities for all six dimensions. In terms of the six dimensions, the following activities were addressed, in decreasing order: physical, social, spiritual, intellectual, occupational, and emotional needs.

Activities for the physical dimension were offered by 85 percent of the centers. These activities were the most diverse, consisting of a variety of individual and group exercises focused on muscle strength and endurance, flexibility, coordination, and balance. All activities were held in the same physical space. The most frequent activity was the use of exercise equipment such as treadmills. Other exercise included walking, dancing, video exercise, aerobics, and bicycling. Additionally, planned meals and health education were frequent activities related to the physical dimension.

Activities for the social dimension were offered by 87 percent of the centers. Respondents indicated that

games, such as bingo, dominos, cards, and puzzles, and parties/gatherings for family and friends were the frequent social activities aimed at creating and maintaining healthy relationships. Spiritual activities were offered in 61 percent of the community centers. These activities, which were more personal than others, included prayers for meals and bible reading. For the intellectual dimension, 55 percent of community centers offered activities. The most frequent activity noted was the participation in educational programs such as computers, word seek, story telling, autobiographies, travel, library, and training. Activities that contribute to the occupational and emotional dimensions were identified as less frequently offered by community centers. Occupational activities were offered in 37 percent of the centers, while activities for the emotional dimension were offered in 31 percent of the centers. The comprehensive whole person wellness model, which includes physical, emotional, spiritual, intellectual, occupational, and social dimensions, needs to be addressed further in rural community centers for older adults.

#### **Needs Awareness**

A senior center wellness program survey identified that older adults are especially concerned about good nutrition, health issues (cholesterol, blood pressure, heart disease, arthritis, hearing, osteoporosis, and diabetes), promoting restful sleep, tips for slowing the aging process, coping with change, forming a living will, exercise, coping with the loss of a spouse, and dieting. Community centers could incorporate these topics in their wellness programs and as a result, increase older adults' awareness of wellness programs.

#### Education

Older adults often require support with their wellness needs. Nutritional intake, medicine and medical issues, and proper exercise are some of the topics for which older adults require an expert's knowledge. Communities could focus on educating older adults about how to increase control over and improve their health in areas where special information is required.

## How to Practice Wellness Activities in Daily Life?

People often fail to realize that enhancing wellness can be achieved by everyday activities. The following are some of the examples of wellness activities that older adults can practice in their daily life. It is recommended that older adults make these wellness activities part of their daily routine:

Eating: Good eating habits can be the first step for being healthy. Physical changes such as digestive problems due to aging, emotional changes such as loneliness, and social changes such as income, may influence older adults' nutritional intake. According to the USDA MyPyramid food groups, 6 oz. of grains, 2.5 cups of vegetables, 2 cups of fruit, 3 cups of milk, 5.5 oz of meat and beans, and 6 teaspoons of oil are recommended for a daily 2,000 calorie diet. Additionally, regular meal times, smaller meal portions (five to six meals per day), daily activity, attractive food presentation, and occasional eating out can help older adults maintain healthy eating habits.

- Bathing: Bathing can be an effective wellness experience that promotes physical well-being through movement and hygiene, emotional well-being through taking care of yourself and practicing daily routine activities, and spiritual well-being through relaxation.
- Walking: Walking is one of the easiest and safest physical activities. Simple physical activity like walking can reduce the rate of coronary heart disease by 5 percent to 25 percent. It is often recommended that older adults should regularly take a walk in parks or neighborhoods. Additionally, mall walking has been proven effective in maintaining good health. Mall walking gives the benefit of not only physical fitness but also emotional and social wellness. By walking around with other shoppers, older adults can have a feeling of belonging and social interactions with others.
- Talking: Talking to others is a great way of expressing feelings, controlling stress, interacting with others, creating and maintaining relationships, and sharing interests. It promotes emotional and social wellness for older adults.
- Reading: Reading is a good mental exercise for intellectual and emotional wellness. Older adults can experience happiness and joy of life, get new information, and be connected with other people through reading. Most community libraries are senior

friendly and offer various wellness programs and resources as well.

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#### The Oklahoma Cooperative Extension Service Bringing the University to You!

The Cooperative Extension Service is the largest, most successful informal educational organization in the world. It is a nationwide system funded and guided by a partnership of federal, state, and local governments that delivers information to help people help themselves through the land-grant university system.

Extension carries out programs in the broad categories of agriculture, natural resources and environment; family and consumer sciences; 4-H and other youth; and community resource development. Extension staff members live and work among the people they serve to help stimulate and educate Americans to plan ahead and cope with their problems.

Some characteristics of the Cooperative Extension system are:

- The federal, state, and local governments cooperatively share in its financial support and program direction.
- It is administered by the land-grant university as designated by the state legislature through an Extension director.
- Extension programs are nonpolitical, objective, and research-based information.

- It provides practical, problem-oriented education for people of all ages. It is designated to take the knowledge of the university to those persons who do not or cannot participate in the formal classroom instruction of the university.
- It utilizes research from university, government, and other sources to help people make their own decisions
- More than a million volunteers help multiply the impact of the Extension professional staff.
- It dispenses no funds to the public.
- It is not a regulatory agency, but it does inform people of regulations and of their options in meeting them.
- Local programs are developed and carried out in full recognition of national problems and goals.
- The Extension staff educates people through personal contacts, meetings, demonstrations, and the mass media.
- Extension has the built-in flexibility to adjust its programs and subject matter to meet new needs.
   Activities shift from year to year as citizen groups and Extension workers close to the problems advise changes.

Oklahoma State University, in compliance with Title VI and VII of the Civil Rights Act of 1964, Executive Order 11246 as amended, Title IX of the Education Amendments of 1972, Americans with Disabilities Act of 1990, and other federal laws and regulations, does not discriminate on the basis of race, color, national origin, gender, age, religion, disability, or status as a veteran in any of its policies, practices, or procedures. This includes but is not limited to admissions, employment, financial aid, and educational services.

# Free and *Nearly Free* Wellness Ideas for Volunteer Programs

- How to Implement Them
- Why They are Important

## For the Volunteers' Mind, Body and Spirit

- 1. Wellness Programs/Activities
- 2. Tangible Items for the Office
- 3. Support Throughout the Hospital
- 4. Things to Encourage Volunteers To Do
- 5. Attitude Created Within the Volunteer Office
- 6. Volunteer Positions

#### **Extra Ideas**

### **How to Make it All Happen**

- 1. Time Restraints
- 2. How to Get People on Board
- 3. Office Organization
- 4. Financial Planning

#### Friendship Journey

#### How it works:

Friendship Journey is a program to help participants move more! Each week, you will submit the number of miles walked so that together we virtually journey to Springfield, IL.

Why Springfield? Dominican Sisters from Springfield, Illinois came here in 1946 to lead the transformation of the Jackson Infirmary into St. Dominic's Hospital. Today, we continue to be a ministry of the Springfield Dominican Sisters. Our sisters within the hospital often go to the Motherhouse and will eventually return there one day. This special connection is the reason we are "Walking to Springfield."

Why participate? The benefits include:

Strengthens your bones

Easy on your joints

Burns calories

Lowers blood pressure

Cuts cholesterol

Reduces the risk of heart disease, diabetes and more

Reduces stress

Sleep better

Improve mood and outlook on life

Requires no equipment

It's free!

**Builds** community

Gives purpose

- Sign up in the Volunteer Services Office and get your Participant Packet during January 2 13, 2017.
- Start Walking! Kick-Off is January 15, 2017
- We will walk for 10 weeks ending the week of March 19, 2017.
- Each Monday, you will report the number of miles achieved the previous week. Email us your information to volunteer@stdom.com.
- Ask your friends and family to participate.
- Together, we need to walk at least 1,173 miles.

Walk a little or walk a lot. It's up to you.

#### Ideas and Suggestions for Friendship Journey

#### Places to Walk:

• At the <u>hospital</u> Use the indoor trail or the outdoor trail. Maps are in the Volunteer Services office and in the Participation Packets.

Come a little early to walk before your volunteer shift.

Get a group together after lunch to walk.

- Scavenger Hunt Just for fun In your packet, there are two suggestions for changing up your walking routine. Try a scavenger hunt! One is at a cemetery. The other can be done at any park or public place. Just look for items listed on the particular scavenger hunt and let us know if you find everything! You will receive a special prize! You don't have to find everything on one walk.
- At the Northpark Mall Meet with other walkers to walk inside on certain days of the week. Ask for more details.

#### Suggestions For When You Walk:

- Stretch
- Walk 5 minutes to warm up
- Walk 5 minutes briskly
- Walk 5 minutes to <u>cool down</u>

(Each week, try adding a minute or two to your brisk walk.)

**Remember** to ask your physician before starting a new exercise regimen.

**Track the Journey** - Stop by the volunteer office to see our progress on the <u>map</u>! From Jackson, MS to Springfield, IL.



- We are promoting an active lifestyle, providing resources and offering encouragement to all participants!
- Each week, everyone will report the number of miles that they walked/ran/ swam/biked from the previous week.
- By receiving weekly tips and words of encouragement, hopefully the support and accountability will keep folks focused on their goals.
- By the end of the 10 weeks, we will have collectively walked at least 1,173 miles together!

WEEK 3	MondayTuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total
WEEK 2	MondayTuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total
WEEK 1	Monday Tu esday	Wednesday	Thursday	Friday	Saturday	Sunday	Total

WEEK 7	WEEK 8	WEEK 9
Monday	Monday	Monday
Tuesday	Tuesday	Tues day
Wednesday	Wednesday	Wednesday
Thursday	Thursday	Thursday
Friday	Friday	Friday
Saturday	Saturday	Saturday
Sunday	Sunday	Sunday
Total	Total	Total



1,173 Miles Round-trip
2,300,000 Steps Round-trip
From
Jackson, MS
To
Springfield, IL

### Why Springfield?



- The Dominican Sisters from Springfield, Illinois came here in 1946 to lead the transformation of the Jackson Infirmary into St. Dominic Hospital.
- •Today, we continue to be a ministry of the Springfield Dominican Sisters.
- Our sisters within the hospital often go to the Mother-house and will eventually return there one day to retire.
- This special connection is the reason we are "Walking to Springfield."

# Iraveled Total Distance

Saturday.

Friday

Wednesday\_

Goal Met:

FRIENDSHIP **JOURNEY** 1,150,000 Steps from Jackson, MS to Springfield, IL. 2,300,000 Steps Round-trip

## Whole Health Wellness Tips

## LífePlus

- Always leave a bite of food on your plate
- Take detox baths, steam showers
- Meditate
- ❖ Ask for to-go box as soon as food arrives when dining out
- Stop wearing pants with an elastic waist
- When cooking at home, put food away after serving your plate before taking the first bite
- Shop mainly around the outer edges of grocery store
- Wear shoes that fit well that encourages movement
- Drink hot tea
- Get plenty of sleep
- \* Read labels
- Eat slowly
- Put your fork down between bites
- Drink more water
- Treat treats as treats
- Eat on smaller plates
- Park away from entrances
- Sit down while eating

- Buy snacks from farmer's market, this means more fruits, veggies, and nuts for snacking
- Post reminders or words of encouragement around your house
- Eat a variety of colored fruits or vegetables at meals
- ❖ Eat real food
- Reduce sugar intake
- Nurture your relationships and spiritual life
- Let go of guilt and worry
- Don't give up if you stop exercising or eat poorly. Just get back on track the next day. It doesn't mean failure
- Everything in moderation, including moderation
- Try new foods, explore Chia seeds, quinoa, beets, hot tea, protein drink
- Set goals
- Create positive inner dialogue
- Slow down
- Take on a challenge planking, no complaining for 24 hours, prepare for a 5k, etc.
- Cut back on dairy and red meat

I pray that, according to the riches of his glory, he may grant that you may be strengthened in your inner being with power through his Spirit. Ephesians 3:16

#### **Whole Health Sources**

Gaining Ground of MS – Sustainability Institute of MS

Weston Price Foundation – Connection between nutrition and human health

Blue Zones

Shopping Matters – Grocery Store Tours

Let's Move Program – Government program

Harvard School of Public Health

Department of Health

Centers for Disease Control and Prevention – Obesity

National Episcopal Health Ministries – Identifies websites and programs

<u>Ultra-Prevention</u> by Mark Hyman

Michael Pollan

Dr. Josh Axe

**Beyond Diet** 

Share Care

Wellness Mama

**Environmental Working Group** 

The Daniel Plan

MindBodyGreen

Lifestyle Medicine

Fat Head

Rob Wolf

Lauren Gordain

Local Wellness List

Tana Amen

Just Eat Real Food

#### **Documentaries**

Hungry for Change

Forks Over Knives

Fat, Sick and Nearly Dead

Food Matters

Fed Up

Food Inc.

Super-Size Me

The Sugar Film

Lynn Ward Whole Health Life Plus on Facebook, Lifepluswholehealth.com - website