

The Healthy Older People Engaging in Exercise and Diet (HOPE ED) project

Submission date 12/02/2025	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 13/02/2025	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
Last Edited 20/02/2025	Condition category Other	<input type="checkbox"/> Individual participant data

Plain English summary of protocol

Background and study aims

Researchers at the University of Alaska Anchorage (UAA) want to know if a healthy aging program focusing on hope and resilience can help older adults improve their motivation for diet and physical activity changes.

Who can participate?

Healthy older adults aged 55 years old and over who live in one of four housing communities in Anchorage and can understand English

What does the study involve?

Participants will attend a weekly class session for 15 weeks in their housing community. These classes will be taught by trained and experienced UAA students. The goal is to help people feel positive and hopeful about their lives and the aging process. The classes will have 30 minutes of information about healthy aging and then 30 minutes of light physical activity instruction.

Participants who agree to be in this study will be asked to do several things:

1. Take a survey on your diet, health, and exercise before and after the program
2. Have your height and weight measured before and after the program
3. Take a short fitness assessment that includes walking, standing, and reaching before and after the program
4. Attend weekly class sessions for 15 weeks
5. Take an at-home survey and mail it back to us 3 months after the program ends
6. Take another survey at home 6 months after the program ended

Participants will receive information right away about their current height and weight. They will also be given the results of the fitness assessment before and after the program begins.

What are the possible benefits and risks of participating?

Participants will get to attend free health classes taught by trained and experienced UAA students. This is in a fun and social learning environment. They will also receive information about healthy aging and help UAA understand what works for older adults.

This study has few risks. Some people may become exerted during the exercise part of the class. Participants will be encouraged to ask their doctor if they should begin the program. They will also be asked to go at their own pace during class and not overdo it. The team will try to anticipate any potential risks the study has, however, there may be some risks that are currently unknown.

Risks of a study to a community are not always known. This program focuses on hope and resilience so there are few risks to the community. The people involved in this study have worked closely to lessen the risk of harm to your community. All presentations or publications must be approved by the Southcentral Foundation leadership.

The research team will not access any medical records for this study.

Where is the study run from?

The UAA, USA

When is the study starting and how long is it expected to run for?

July 2021 to May 2023

Who is funding the study?

The National Institute of Aging (NIA), a division of the National Institutes of Health (NIH)

Who is the main contact?

Brittney M. Howell (Principal Investigator), bmhowell2@alaska.edu

Contact information

Type(s)

Public, Scientific, Principal investigator

Contact name

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Additional identifiers

Clinical Trials Information System (CTIS)

Nil known

Protocol serial number

1R15AG072369-01A1

Study information

Scientific Title

A health education program to increase hope and improve energy balance among seniors in the urban subarctic

Acronym

HOPE ED

Study objectives

Did self-efficacy, fruit and vegetable intake, physical activity, functional fitness, self-rated health, or BMI improve significantly as a result of the program?

Ethics approval required

Ethics approval required

Ethics approval(s)

approved 07/10/2021, Alaska Area Institutional Review Board (4315 Diplomacy Drive, Anchorage, Alaska, 99508, United States of America; 1-907-729-3924; akaalaskaarealRB@anthc.org), ref: 2021-08-038

Study design

Cross-sectional non-randomized multi-center study

Primary study design

Interventional

Study type(s)

Efficacy

Health condition(s) or problem(s) studied

Efficacy of a health education program

Interventions

This cross-sectional, non-randomized, multi-center study accepted all eligible and interested volunteers into the health education program (no allocation, masking, blinding, control group, or participant assignments) from 4 different senior housing communities.

The intervention is a 15-week student-led health education program for older adults to increase fruit and vegetable intake and physical activity utilizing the following measures: BMI, self-efficacy, fruit and vegetable intake, physical activity, functional fitness assessment, and self-reported health. There was no placebo, control group, or participant randomization. Dose and duration: weekly, 1-hour sessions administered by students in the 4 senior housing community's multi-purpose rooms.

Intervention Type

Behavioural

Primary outcome(s)

Behavior change is measured by physical activity (the Physical Activity Scale for the Elderly - PASE), fruit and vegetable intake (Block fruit/vegetable/fiber screener), self-rated health (1 question on the survey), and self-efficacy (measured by the Self Rated Abilities for Health Practices Scale - SRHAP) self-assessments at baseline, post-program (week 15), 3-month follow-up, and 6-month follow-up.

Key secondary outcome(s)

The following secondary outcome measures are assessed at baseline and post-program (week 15):

1. BMI measured by the research team taking height and weight measurements
2. Functional fitness measured by the Senior Fitness Test, administered by the research team

Completion date

05/05/2023

Eligibility

Key inclusion criteria

1. Living in one of the 4 study site housing communities
2. Aged 55 years or over
3. Able and willing to participate in a 15-week health education program that contains light physical activity
4. Able to read and write in English
5. No one will be excluded based on ethnicity or gender

Participant type(s)

Healthy volunteer, Resident

Healthy volunteers allowed

No

Age group

Mixed

Lower age limit

55 years

Upper age limit

112 years

Sex

All

Total final enrolment

58

Key exclusion criteria

1. Anyone under the age of 55 years old
2. Does not live in the study site housing community

3. Older adults who do not have capacity to read and write in English
4. Those unable to consent
5. Must not have a legal guardian

Date of first enrolment

17/01/2023

Date of final enrolment

15/02/2023

Locations

Countries of recruitment

United States of America

Study participating centre

Salamatof Heights

9131 Centennial Circle

Anchorage

United States of America

99504

Study participating centre

Qevu Village

1300 Old Seward Highway

Anchorage

United States of America

99515

Study participating centre

Creekside Town Center

7900 Creekside Center Drive

Anchorage

United States of America

99504

Study participating centre

Coronado Park Senior Village

16820 Coronado Street

Eagle River

United States of America

99577

Sponsor information

Organisation

University of Alaska Anchorage

ROR

<https://ror.org/03k3c2t50>

Funder(s)

Funder type

Government

Funder Name

National Institute on Aging

Alternative Name(s)

U.S. National Institute on Aging, The National Institute on Aging, NIH NATIONAL INSTITUTE ON AGING, NIA

Funding Body Type

Government organisation

Funding Body Subtype

National government

Location

United States of America

Results and Publications

Individual participant data (IPD) sharing plan

The datasets generated during and/or analysed during the current study may be available upon request from Britteny M. Howell (Principal Investigator), bmhowell2@alaska.edu if permission is granted from the tribal authority, the Southcentral Foundation Board of Directors. The datasets generated during and/or analysed during the current study are not expected to be made publicly available because the dataset contains information on Indigenous Elders and the study protocols were reviewed by a tribal IRB.

Names will not appear in any report or papers resulting from this study. All results that are made public will be summary results, they will not report anything that would identify a person. Summary results will be shared with participants and Tribal leadership. Participant de-identified

data might be shared without future consent and may be used in future studies, unless participant's disagree. Papers will be written for publication in scientific articles. These papers will be reviewed and approved by tribal authorities before being published.

IPD sharing plan summary

Available on request

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article		29/05/2024	20/02/2025	Yes	No
Other publications	Student experiences	04/06/2024	20/02/2025	Yes	No