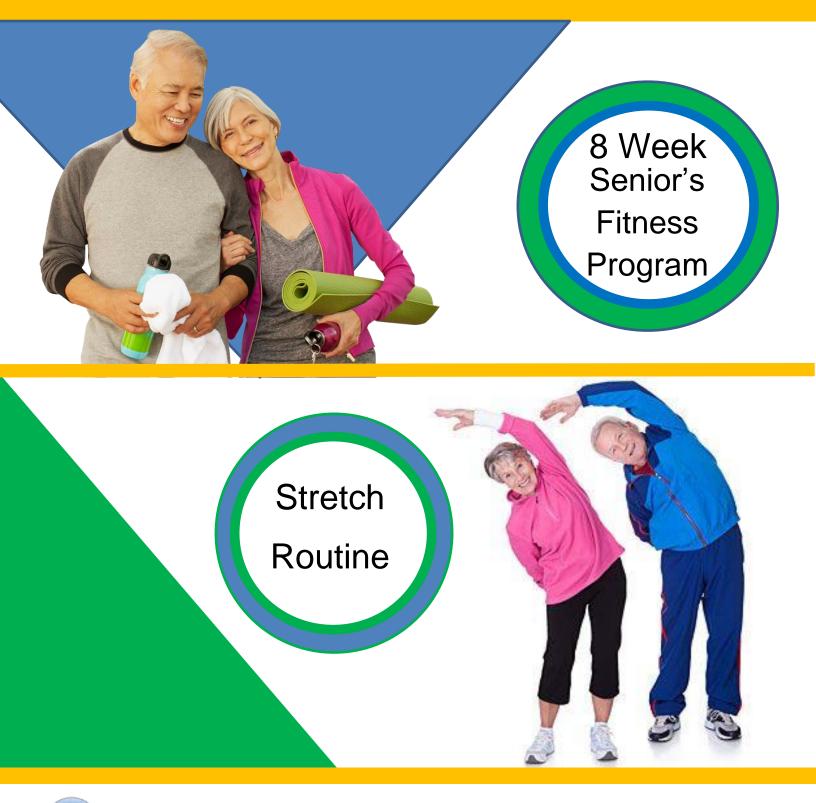
WESTEND SENIORS ACTIVITY CENTRE

9629 – 176 Street Edmonton, AB T5T 6B3 Ph: 780-483-1209



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WALKING

WESTEND

Walk 3 days - for 30 minutes each time.

- 10 minute warm up light effort
- 10 minute brisk walk moderate effort
- 10 minute cool down light effort



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STRETCHING

Add the <u>seniors</u> stretch routine to your cool down when possible.

DAY 1 EXERCISE INSTRUCTIONS



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	Seated Hip March - 3 sets of 10 reps, each leg • Sit in chair with feet flat on floor • Lift your knee as high as comfortable • Slowly lower • Alternate lifting each knee for a total of 10 lifts on each leg
-Â	Calf Raises – 3 sets of 10 reps • Stand with feet shoulder width apart using a chair to balance • Slowly raise onto your toes • Hold for 2 seconds • Slowly lower heels to floor
r (Heel Stands – 3 sets of 10 reps Stand using a chair to balance Raise up on heels by lifting toes towards ceiling Hold for 2 seconds Lower toes slowly back to floor
	Overhead Press – 2 set of 10 reps • Sit in chair with feet flat on floor, shoulder width apart • Hold weights at your sides at shoulder height with palms facing forward • Raise both arms up over your head, keeping a slight bend in elbows • DO NOT lock your elbows at the top • Hold for 2 seconds • Slowly lower arms
	 Seated Rows With Band – 2 sets of 10 reps Sit in chair with feet flat on floor Place middle of band under your feet and hold each end of the band in each hand, palms facing upward Relax your shoulders Pull back both elbows until your hands are at your hips Hold for 1-2 seconds Slowly lower back to start position

Dr. Haidong Liang is the author and project lead for this Seniors Helping Seniors Toolkit. He is an exercise specialist and gerontologist who has studied and served seniors since 2002.

Haidong devoted all of his three degrees to Physical Activity, Recreation and Gerontology:

- Doctor of Philosophy in Leisure, Recreation and Gerontology University of Alberta
- Master of Arts in Tourism, Information Technology and Gerontology University of Manitoba
- Bachelor of Recreation Management & Community Development and Gerontology University of Manitoba

Haidong was also the sessional instructor for the *Physical Activity and the Aging Adult*course at the University of Alberta. "I firmly believe that the prevention of health problems and illness is more important than treatment and medicine."



WALKING

Walk 3 days - for 30 minutes each time.

- 5 minute warm up
- 20 minute brisk walk
- 5 minute cool down

DAY 1 EXERCISE INSTRUCTIONS



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WALKING

Walk 3 days - for 30 minutes each time.

- 5 minute warm up
- 20 minute brisk walk
- 5 minute cool down

DAY 2 EXERCISE INSTRUCTIONS

	 Lying Leg Raise – 3 sets of 10 reps, each leg Lie on your back with one knee bent and one knee straight, toes pointed to ceiling Raise your straightened leg to the level of the other bent knee Hold for 1-2 seconds Slowly lower leg down to floor
	Seated Towel Squeeze – 3 sets of 10 reps • Sit in chair with feet flat on ground (or lie down like the left picture) • Place rolled up towel or pillow between knees • Squeeze towel/pillow with knees • Hold for 5 seconds
<u>Ph</u>	 Chair Lean Backs – 3 sets of 10 reps Sit near front of chair with arms across chest Tighten your abdominal muscles Slowly lean back to a comfortable angle, where you feel your muscles working, but are not in any pain or discomfort Slowly come back to the start position
	 Side Shoulder Raises – 3 set of 10 reps Sit in chair with feet flat on floor, shoulder width apart Don't use weights – we will progress to weight later Slowly raise both arms out to your side until you reach shoulder height Hold for 1-2 seconds Slowly bring arms back down to sides
	 Bicep Curls with Band – 3 sets of 10 reps Sit in chair with feet flat on floor Place middle of band under your feet and hold each end of the band in each hand Bend your elbow while rotating your palm upward Hold for 1-2 seconds Slowly lower back to start position

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Walk 4 days for 30 minutes each time

7 minute warm up



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light effort (2 minute Balance walk, 5 minute light effort walk) **18 minute brisk walk – moderate effort & 5 minute cool down – light effort**

DAY 1 EXERCISE INSTRUCTIONS



Balance Walk

- Raise arms to sides at shoulder height
- · Choose a spot ahead of you to focus on to help keep you steady
- · Walk in a straight line with one foot in front of the other
- As you walk, lift your back leg
- · Pause for 1 second before stepping forward

Note: if this is too difficult, use railing in hallway to support yourself and just lift legs alternately to still get a similar effect



Leg Extension with Band – 3 sets of 10 reps, each leg

- Attach one end of band around a table leg and the other around your ankle
- · Stand using a chair to balance
- · Slowly lift one leg back behind you
- · Keep your back straight and facing forward
- · Keep your standing leg slightly bent
- Hold for 2-3 seconds
- Slowly lower leg back down

Hip Flexion with Band – 3 sets of 10 reps, each leg

- Attach one end of band around a table leg and the other around your ankle
- · Stand using a chair to balance
- Slowly lift one leg out in front of you
- · Keep your back straight and facing forward
- Keep your standing leg slightly bent
- Hold for 2-3 seconds
- Slowly lower leg back down



Hip Adduction (Squeeze) – 3 sets of 10 reps, each leg

- Attach one end of band around a table leg and the other around your ankle
- Stand using a chair to balance
- Slowly bring your leg across your body
- · Keep your back straight and facing forward
- Keep your standing leg slightly bent
- Hold for 2-3 seconds
- · Slowly bring leg back across

Bent Knee Raise – 3 sets of 10 reps

- · Lie on back with knees bent
- Tighten abdominal muscles, think of your belly button pressing into your spine
- Lift your knees ONE AT A TIME toward your chest
- · Hold for 5 seconds · Return both legs to the floor
- Tips: 1.Don't over-bend your knee joint.

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2. Place palms on the floor/bed for support.

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Walk 4 days

- 7 minute warm up
- Marches (high knees) for 2 minutes
 5-7 minute cool down
- 5 minute light effort walk

20 minute brisk walk



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Add the seniors stretch routine to your cool down when possible

DAY 2 EXERCISE INSTRUCTIONS

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÷.	 Partial Squats with Support – 3 sets of 10 reps Stand using chair to help balance Bend your knees as far as comfortable without pain Hold for 1-2 seconds Return to standing position 	
**	 Tricep Kick Backs – 3 sets of 10 reps, each arm Lean over your knee, if sitting or over a chair if standing Hold weight in hand as shown Straighten your elbow behind you as far as comfortable Hold 1-2 seconds Return to the start position 	
JJ	 Stair Calf Raises – 3 sets of 10 reps Stand with feet shoulder width apart on the bottom step Hold onto railing for support Slowly raise onto your toes Hold for 2 seconds Slowly lower heels to floor 	
	 Knee Bends with Resistance – 3 sets of 10 reps, each leg Attach resistance band to chair leg or under one foot and the other end around your other ankle Stand using a chair to balance Bend your knee backward as high as you can Hold for 2-3 seconds Slowly lower leg back down 	
	 Wall Push-ups – 3 sets of 10 reps Face wall, standing a little more than arms' length away with feet shoulder-width apart Lean your body forward with your palms on the wall about shoulder width apart Slowly bend your elbows and lower your upper body toward the wall Hold for 1-2 seconds Slowly return to start position Note: Try to keep your abdominal muscles tight to keep your hips from sagging forward. You can adjust the difficulty by moving your feet closer to or further from the wall. 	

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Walk 4 days

- 7 minute warm up
- Marches (high knees) for 2 minutes
 5-7 minute cool down
- 5 minute light effort walk
- 20 minute brisk walk



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Add the seniors stretch routine to your cool down when possible

DAY 1 EXERCISE INSTRUCTIONS



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Walk 4 days

- 7 minute warm up
- Marches (high knees) for 2 minutes
 5-7 minute cool down
- 5 minute light effort walk
- · 20 minute brisk walk



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DAY 2 EXERCISE INSTRUCTIONS



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Walk 3 days

- 5 minute light effort walking warm up
- 25 minute brisk, moderate-effort walk

(incorporate 2 flights of stairs to this part of the workout)

• 5-7 minute light effort cool down

Add the seniors stretch routine to your cool down when possible.

DAY 1 EXERCISE INSTRUCTIONS



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Walk 3 days

- 5 minute light effort walking warm up
- 25 minute brisk, moderate-effort walk

(incorporate 2 flights of stairs to this part of the workout)

• 5-7 minute light effort cool down

Add the seniors stretch routine to your cool down when possible.



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DAY 2 EXERCISE INSTRUCTIONS

 Chair Dip – 3 sets of 10 reps Sit in a sturdy chair with armrests Keep feet flat on floor, shoulder-width apart Lean slightly forward, keeping your back and shoulders straight Grasp arms of chair and breathe in Breathe out and use your arms to push your body slowly off the chair Hold for 1-2 seconds Slowly lower back down into chair
Leg Balance • Stand on one foot and use a chair for balance • Hold position for 10 seconds 3 times, each leg
 Bicep Curls with Weight – 3 sets of 10 reps Hold weight in hand at your side with palm facing inward Bend your elbow while rotating Hold your palm upward Hold for 1-2 seconds Slowly lower back to start position
 Side Leg Raise with Band – 3 sets of 10 reps, each leg Attach one end of band around a table leg and the other around your ankle Stand using a chair to balance Slowly lift one leg out to the side Keep your back straight and facing forward Keep your standing leg slightly bent Hold for 2-3 seconds Slowly lower leg back down

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Walk 3 days

- 5 minute light effort walking warm up
- 25 minute brisk, moderate-effort walk

(incorporate 2 flights of stairs to this part of the workout)

5-7 minute light effort cool down



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Add the seniors stretch routine to your cool down when possible.

DAY 1 EXERCISE INSTRUCTIONS

 Heal-to-toe Walk – 3 sets of 20 steps Position the heel of one foot just in front of the toes of the other foot Your heels and toes should touch or almost touch Choose a spot ahead of you to focus on to keep you steady as you walk Take a step. Put your heel just in front of the toe of your other foot
 Partial Sit to Stand – 3 sets of 10 reps Begin by standing with a chair behind you, your knees just in front of the seat Lean forwards as you bend your knees and lower yourself towards the chair as if attempting to sit Before you touch the chair, pause for 1-2 seconds and then stand up again
 Step Downs – 3 sets Step up onto the bottom step of a flight of stairs Turn around and step down onto the landing Repeat this 10 times on each leg
 Single Leg Step Up – 3 sets of 10 reps, each leg Stand on landing at bottom of stairs Hold railing for support if needed Step up with one leg Hold for 1-2 seconds Slowly lower back down
Reverse Straight Leg Raise – 3 sets of 10 reps, each leg • Lie on back and tighten your abdominal muscles • Bring one knee toward your chest • Keep other leg straight on the floor • Straighten the bent leg and slowly lower it to the floor

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Walk 3 days

- 5 minute light effort walking warm up
- 25 minute brisk, moderate-effort walk

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(incorporate 2 flights of stairs to this part of the workout) • 5-7 minute light effort cool down http://www.

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Add the seniors stretch routine to your cool down when possible.

DAY 2 EXERCISE INSTRUCTIONS

	 Bent Knee Raise – 3 sets of 10 reps Lie on back with knees bent Tighten abdominal muscles, think of your belly button pressing into your spine Lift your knees ONE AT A TIME toward your chest Hold for 5 seconds Return both legs to the floor <i>Tips: 1. Don't over-bend your knee joint 2. Place palms on the floor/bed for support</i>
	 Wall Push-ups – 3 sets of 10 reps Face wall, standing a little more than arms' length away and with feet shoulderwidth apart Lean your body forward with your palms on the wall about shoulder width apart Slowly bend your elbows and lower your upper body toward the wall Hold for 1-2 seconds Slowly return to start position Note: Try to keep your abdominal muscles tight to keep your hips from sagging forward. You can adjust the difficulty by moving your feet closer to or further from the wall.
	 Wall Squats – 3 sets of 10 reps Stand with feet shoulder width apart and lean backward so back is against wall Slowly bend your knees to lower your back down the wall Only go as far as is comfortable and pain-free Hold for 2-3 seconds Return to start position
	 Overhead Press – 2 sets of 10 reps Sit in chair with feet flat on floor, shoulder width apart Hold weights at your sides at shoulder height with palms facing forward Raise both arms up over your head, keeping a slight bend in elbows DO NOT lock your elbows at the top Hold for 2 seconds Slowly lower arms
	 Side Shoulder Raises – 3 sets of 10 reps Sit in chair with feet flat on floor, shoulder width apart Don't use weights – we will progress to weight later Slowly raise both arms out to your side until you reach shoulder height Hold for 1-2 seconds Slowly bring arms back down to sides
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Walk 4 days

- 5 minute light effort walking warm up
- 25 minute brisk, moderate-effort walk

(incorporate 2 flights of stairs to this part of the workout)

• 5-7 minute light effort cool down

Add the seniors stretch routine to your cool down when possible.

DAY 1 EXERCISE INSTRUCTIONS

	 Heal-to-toe Walk – 3 sets of 20 steps Position the heel of one foot just in front of the toes of the other foot Your heels and toes should touch or almost touch Choose a spot ahead of you to focus on to keep you steady as you walk Take a step. Put your heel just in front of the toe of your other foot.
	 Partial Sit to Stand – 3 sets of 10 reps Begin by standing with a chair behind you, your knees just in front of the seat Lean forwards as you bend your knees and lower yourself towards the chair as if attempting to sit Before you touch the chair, pause for 1-2 seconds and then stand up again
桥桥	 High Chair Stands – 3 sets of 10 steps Start sitting on the chair with feet flat on ground, shoulder-width apart Place pillows and/or books on the chair to bring seat higher Stand up from seated position with arms cross over chest Note: If this is too difficult, try extending your arms in front of you. If this is still too difficult, try using your hands on your thighs to help push you up
	Step Downs – 3 sets • Step up onto the bottom step of a flight of stairs • Turn around and step down onto the landing • Repeat this 10 times on each leg
	 Chair Lean Backs with Leg Raise – 3 sets of 10 reps Sit near front of chair with arms across chest Straighten one leg out in front of you Tighten your abdominal muscles Slowly lean back to a comfortable angle, where you feel your muscles working, but are not in any pain or discomfort Slowly come back to the start position

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DAY 2 EXERCISE INSTRUCTIONS		
	 Bent Knee Raise – 3 sets of 10 reps Lie on back with knees bent Tighten abdominal muscles, think of your belly button pressing into your spine Lift your knees ONE AT A TIME toward your chest Hold for 5 seconds Return both legs to the floor Tips: 1. Don't over-bend your knee joint 2. Place palms on the floor/bed for support 	
	 Chair Dips – 3 sets of 10 reps Sit in a sturdy chair with armrests Keep feet flat on floor, shoulder-width apart Lean slightly forward, keeping your back and shoulders straight Grasp arms of chair and breathe in Breathe out and use your arms to push your body slowly off the chair Hold for 1-2 seconds Slowly lower back down into chair 	
	 Wall Push-ups – 3 sets of 10 reps Face wall, standing a little more than arms' length away and with feet shoulder-width apart Lean your body forward with your palms on the wall about shoulder width apart Slowly bend your elbows and lower your upper body toward the wall Hold for 1-2 seconds Slowly return to start position Try to keep your abdominal muscles tight to keep your hips from sagging forward. You can adjust the difficulty by moving your feet closer to or further from the wall. 	
	Leg Extension with Band – 3 sets of 10 reps, each leg • Attach one end of the band around a table leg and the other around your ankle • Stand using a chair to balance • Slowly lift one leg back behind you • Keep your back straight and facing forward • Keep your standing leg slightly bent • Hold for 2-3 seconds • Slowly lower leg back down	
-A	 Single Calf Leg Raise – 3 sets of 10 reps, each leg Stand with feet shoulder width apart using a chair to balance Slowly rise onto your toes Hold for 2 seconds Slowly lower heels to floor 	

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Walk 4 days

- 5 minute light effort walking warm up
- 30 minute brisk, moderate-effort walk

(incorporate 2 flights of stairs to this part of the workout)

5-7 minute light effort cool down

Add the seniors stretch routine to your cool down when possible.

DAY 1 EXERCISE INSTRUCTIONS



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DAY 2 EXERCISE INSTRUCTIONS		
	Sit Backs – 3 sets of 10 reps • Sit with knees bent and arms crossed over chest • Slowly sit back as far as comfortable • Hold for 1-2 seconds • Return to start position	
	 Chair Dips – 3 sets of 10 reps Sit in a sturdy chair with armrests Keep feet flat on floor, shoulder-width apart Lean slightly forward, keeping your back and shoulders straight Grasp arms of chair and breathe in Breathe out and use your arms to push your body slowly off the chair Hold for 1-2 seconds Slowly lower back down into chair 	
	 Bicep Curl with Weight– 3 sets of 10 reps Sit in chair with feet flat on floor Place middle of band under your feet and hold each end of the band in each hand Bend your elbow while rotating your palm upward Hold for 1-2 seconds Slowly lower back to start position 	
	 Wall Push-ups – 3 sets of 10 reps Face wall, standing a little more than arms' length away and with feet shoulder-width apart Lean your body forward with your palms on the wall about shoulder width apart Slowly bend your elbows and lower your upper body toward the wall Hold for 1-2 seconds Slowly return to start position Note: Try to keep your abdominal muscles tight to keep your hips from sagging forward. You can adjust the difficulty by moving your feet closer to or further from the wall. 	
	 Single Calf Leg Raise – 3 sets of 10 reps, each leg Stand with feet shoulder width apart using a chair to balance Slowly rise onto your toes Hold for 2 seconds Slowly lower heels to floor 	
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STRETCH ROUTINE

BACK STRETCHES

Seniors Helping Seniors Stretch Routine TRAINING PEER LEADERS TO SUPPORT SEMIORS' HEALTH

	 Back Extensions Hold for about 10 seconds Repeat 2-3 times Stand with feet shoulder width apart Place hands on your hips with palms against your bottom Arch your spine backward until you feel a stretch, but no discomfort
	 Back Flexion Hold for 20-30 seconds Repeat 2-3 times Sit in chair with feet shoulder width apart Slowly bend forward from your hips, keeping your back and neck straight Start to relax your neck and bend farther by sliding your hands down your legs toward your ankles Stop when you feel a stretch, but no discomfort
	 Back Rotation Hold for 20-30 seconds Repeat 2-3 times, each side Sit in chair with feet shoulder width apart Slowly twist to one side from your waist without moving your hips Turn your head to the same side Use the arms of the chair to help deepen the stretch if you do not feel a stretch yet
Progression	 Upper Back Hold for 20-30 seconds Repeat 2-3 time Sit in chair with feet shoulder width apart Hold arms in front of you at shoulder height with palms facing outward Relax your shoulders, keep upper body still, and reach forward with your hands Stop and hold when you feel a stretch
	CHEST & UPPER BODY STRETCHES



Chest Hold 20-30 seconds Repeat 2-3 times

- Keep feet on floor, shoulder width apart
- · Hold arms at side at shoulder height, with palms facing forward
- Slowly move your arms back, squeezing your shoulder blades until you feel a stretch

Hint: You can do this stretch in a corner or a doorway to deepen the stretch

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STRETCH ROUTINE

CHEST & UPPER BODY STRETCHES



Arm Circles

Repeat as often as needed

- Sit comfortably in chair with feet shoulder width apart, or cross-legged on the floor Place fingertips on your shoulders
- Circle your shoulders 15 times forwards
- Then circle them 15 times backwards

Upper Body Hold for 20-30 seconds Repeat 2-3 times

- Stand facing a wall slightly farther than arm's length from the wall, feet shoulder width apart
- Lean your body forward and put your palms flat against the wall at shoulder height and shoulder width apart
- Keeping your back straight, slowly walk your hands up the wall until you feel a stretch

Shoulder and Upper Arm Hold for 20 seconds

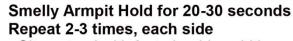
Repeat 2-3 time

- · Stand with feet shoulder width apart and hold end of towel in one hand
- Raise and bend that arm to drape the towel down your back
- Reach behind your lower back with the opposite hand to grasp the other end of the towel with this hand
- · Pull with your bottom hand to feel a stretch in the other arm

Neck Rotation Hold for 20-30 seconds Repeat 2-3 times, each side

- · Sit or stand with feet shoulder width apart
- Slowly turn your head to one side, as if you are shoulder-checking, until you feel a stretch
- Be careful not to tip or tilt your head forward or backward Note: you can apply light pressure to your cheek to deepen the stretch





- Sit or stand with feet shoulder width apart
- Slowly rotate your head forward and to one side, as if smelling your arm pit
- Be careful not to slouch forward with your back Note: you can apply light pressure to back of head to deepen the stretch

Ear-to-Shoulder Hold for 20-30 seconds Repeat 2-3 times, each side

- · Sit or stand with feet shoulder width apart
- Slowly tilt your head to one side, as if bringing your ear to your shoulder
- Be careful not to tilt your body as well. You can hold the bottom of your seat to help prevent this.

Note: you can apply light pressure to the opposite side of your head to deepen the stretch



STRETCH ROUTINE

LOWER BODY STRETCHES



Lower Back (Knees to side) Hold for 20-30 seconds Repeat 2-3 times, each side

- Lie on your back with your legs together, knees bent and feet flat on floor/bed
- Keeping knees bent and together, slowly lower both legs to one side as far as comfortable and so you feel a stretch



Hip Opener Hold for 20-30 seconds Repeat 2-3 times, each side

- An
- Lie on back with your legs together, knees bent, and feet flat on the floor/ bed try to keep shoulders on floor throughout the stretch
- · Slowly lower one knee out to the side as far as you comfortably can
- · Keep your feet close together and try not to move the other leg



Hamstring Stretch Hold for 20-30 seconds Repeat 2-3 times, each leg

- Sit sideways on a bench or other hard surface
- · Keeping back straight, stretch one leg out on the bench, toes pointing up
- · Keep other foot flat on the floor
- · Lean forward until you feel a stretch



Hang 10 Hold for 20-30 seconds Repeat 2-3 times

- · Stand on bottom step with heels hanging over the edge
- Hold onto railing for support
- · Slowly lower your heels further off the step so you feel a stretch



Ankle Stretch Hold for 20-30 seconds Repeat 2-3 sides, each side

- · Sit on front edge of chair
- Bring one foot under the chair
- · Gently push down on your foot until a stretch is felt

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Executive Director Dr. Haidong Liang is the author and project lead for this Seniors Helping Seniors Toolkit. He is an exercise specialist and gerontologist who has studied and served seniors since 2002.

Haidong devoted all of his three degrees to Physical Activity, Recreation and Gerontology:

- Doctor of Philosophy in Leisure, Recreation and Gerontology University of Alberta
- Master of Arts in Tourism, Information Technology and Gerontology University of Manitoba
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