February 2016 – April 2017

Phase 1: Design Relationship building

- Knowledge gap about body image revealed
- o Psychoeducation important in program
- Importance of participatory-based design (i.e., balance of participant and researcher voice)
- Body image research expertise important to prevent a weight loss approach and increased negative body image
- Guest speaker about personal body image journey as inspiration for others
- Program named BIAS
 - Participant conceptualization of body image less appearance centric

Phase 2: Testing Program rollout with stakeholders

- Need for explicit description of program objective (i.e., not a weight loss program)
- Stakeholders began to promote BIAS material to people outside the study
- No changes to content needed
- Re-ordering of seminar material to enhance program flow
- 90-minute seminars instead of 60 minutes
- Website component to improve accessibility of content for members outside the facility

Analysis

Phase 3: Implemented 6-week program with new participants

- Recruitment by stakeholders
- Explicit outline of objectives to new participants reduced attrition of new participants
- Importance of online BIAS platform so people outside the facility could join BIAS
- Powerful peer-to-peer influence promoting positive body image
- Success of BIAS at improving body image due to AR design
 - Stakeholders and participants shared BIAS material beyond study

Figure 1. Three phases of the BIAS project and their outcomes mapped onto Stringer's (2014) phases of AR

Table 1

Participant characteristics

Pseudonym	Age	Gender	Interview length (Minutes)	Program Affiliation		
Stakeholders			Power-Cord			
			_	Level of injury	Years post-injury	AIS
1. Philip	40	Male	40.21	T10	1 cars post injury	D
2. Penny	61	Female	49.36	C6	1.9	D
3. Samuel	82	Male	57.55		SeniorFit	
4. Debbie	72	Female	37.09		SeniorFit	
5. Jessica	59	Female	47.40		SeniorFit	
6. Becca	69	Female	39.30		SeniorFit	
7. Elizabeth	67	Female	40.80		Heart Strong	
Additional mem	ber who we	re interviewed				
			_	Power-Cord		
				Level of injury	Years post-injury	AIS
8. Miranda	65	Female	47.55	L2	30	D
9. Cynthia	65	Female	46.03	C3	38	D
10. Samantha	63	Female	14.48	L3	5	D
11. Scott	68	Male	56.59	SeniorFit		
12. Dylan	73	Male	36.12	SeniorFit		
13. Jennifer	67	Female	47.04	SeniorFit		
14. Rachel	70	Female	48.27	SeniorFit		
15. Amy Lynn	56	Female	27.19	Power Cord-MS		
16. Larry	70	Male	41.54		SeniorFit	
Student trainees						
17. Trevor	21	Male	30.44	SeniorFit		
18. Melanie	21	Female	21.14	SeniorFit & Power Cord		
19. Michael	23	Male	35.50	SeniorFit, Heart Strong, Power Cord		

Note. AIS is the American Spinal Injury Association Impairment Scale. A score of A means the injury is complete and there is no sensory or motor function below the level of injury (including the S4-S5 segments); Scores B-D indicate an incomplete injury, and thus some motor and or sensory function remains below the injury. Specifically, a score of B means there is sensory but no motor function below the injury (including the S4-S5 segments); a score of C means there is sensory and motor function below the level of the injury (including the S4-S5 segments), however, at least half of the key muscles below the injury have less than anti-gravity strength; a score of D means there is sensory and motor function below the level of the injury (including the S4-S5 segments), and at least half of the key muscles below the injury have at least anti-gravity strength.

Interview guide

Now I would like to start off with you telling me a little about yourself

- Some background information?
- What made you become involved at the facility?
- What made you decide to join this research study?
- What resonated with you about this project/what made you want to participate?

What do you think body image is?

• How do you define body image?

What do you think having a positive body image means?

- How do you define positive body image?
- What are the important components?
- How do you recognize someone with a positive body image?

What do you think having a negative body image means?

- How do you define negative body image?
- What are the components?
- How do you recognize someone with a negative body image?

What is your experience with body image?

- How do you view your body?
- What are some strategies for improving positive body image experiences?

If there was to be a positive body image program developed at the Centre, how would you imagine it being implemented?

- Lecture based? Workshop? Interactive?
- Should there be guest speakers? Led by a professional? A panel of professionals? Members?

What would be some important topics that you would hope get covered?

- What type of content is important to be covered?
- What aspects would grab people's attention?
- What aspects would turn people away?
- What components would make it a comfortable environment?
- What components would make it an uncomfortable environment?

How would a positive body image program be beneficial to you?

- How could it be designed so that it helps your body image as well?
- What do you bring that would contribute to this program?
- Would resources be useful for members of this program?
- Anything tangible (e.g., website, pamphlets, handouts?)

What are some ways the program could be made sustainable long term?

• What are some ways to make sure this program continues down the road?

Is there anything else you can think of that would be important for implementing a positive body image program for members of the Centre?

Great, thank you!

Table 3

Abbreviated program outline

Seminar #1. In	troduction to body image				
30 minutes	1. Informed consent and questionnaire package.				
30 minutes	2. Ground rules: Confidentiality and respect for others.				
20 minutes	3. Go over agenda. Introduction of everyone in the group.				
15 minutes					
15 minutes	4. Activity: What is body image? 5. Presentation about body image definition				
	5. Presentation about body image definition. 6. Tutorial for paying the BIAS website.				
10 minutes	6. Tutorial for navigating the BIAS website.				
	k: What did you learn from this seminar? on Russell TED Talks				
•	back sheets. Everyone is provided with a handout and a reference list. Tyths and truths about body image & introduction to positive body image				
30 minutes	1. Go over agenda. Opportunity to share take home task and video.				
30 minutes	2. Myths and truths game.				
20 minutes	3. Presentation about positive body image.				
	k 1: Gratitude Activity.				
	k 2: Write down as many positive things about your body as you can (goal is 10).				
	back sheets. Everyone is provided with a handout and reference list.				
	ocial influences on our body image				
20 minutes	1. Go over agenda for the seminar. Opportunity to share take home task.				
10 minutes	2. NEDIC blog reading.				
15 minutes	3. Guidelines about discussing food and weight with children.				
15 minutes	4. Myths and truths game about weight.				
10 minutes	5. Presentation on how other people influence body image.				
10 minutes	6. Reflection Activity: Coping styles used.				
10 minutes	7. Presentation about body image coping.				
	k: Amy Cuddy Video				
	back sheets. Everyone is provided with a handout.				
	dividual differences in body image				
20 minutes	1. Go over agenda for seminar. Opportunity to discuss video.				
20 minutes	Nedia literacy activity.				
20 minutes	3. Presentation of beauty ideals in history.				
20 minutes	4. Broad concept of beauty activity.				
	k: Write down 5 things that make you unique and bring to the next session.				
	back sheets. Everyone is provided with a handout. especting the body				
20 minutes	1. Go over agenda for the seminar. Opportunity to share take home task.				
15 minutes	2. Introduction to intuitive eating.				
10 minutes	3. Intuitive eating activity.				
15 minutes	4. Video: Poodle science.				
10 minutes	5. Presentation on embodied exercise.				
10 minutes	6. Opportunity to discuss readings.				
10 minutes	o. Opportunity to discuss readings.				

Take home task: Write a letter to a loved one about what was learned.				
Distribute feedback sheet. Everyone is provided with a handout.				
Seminar #6: Conclusion				
20 minutes	1. Guest speaker.			
10 minutes	2. Opportunity to discuss homework from seminar #5.			
10 minutes	3. Activity Revisited: 10 positive things.			
10 minutes	4. Activity Revisited: What is body image?			
10 minutes	5. Final take home message.			
Take home task: Final promise or pledge.				
20 minutes	6. Final questionnaire package.			
Distribute feedback sheets. Everyone provided a handout with final take home message.				