This instrument was developed as a part of the Erika E. Smith's (2016) doctoral thesis, *Exploring undergraduate perceptions of meaning making and social media in their learning*, completed at the University of Alberta. For more information, please see: <u>http://hdl.handle.net/11205/271</u> and <u>https://doi.org/10.1186/s41239-017-0049-y</u>

Additional file 1: Survey Instrument

Q1. Consent	
O I agree	
O I do not agree (branching – ends survey)	
<ul> <li>Q2. Are you an undergraduate student?</li> <li>Yes</li> <li>No (branching – ends survey)</li> </ul>	
Q3. Are you enrolled as a full-time student at the Un	niversity of Alberta?
○ Yes	
O No	
Q4. What Faculty are you enrolled in? Agricultural, Life and Environmental Sciences	O Native Studies
Alberta School of Business	O Nursing
Arts	Pharmacy and Pharmaceutical Sciences
Education	Physical Education and Recreation
Engineering	Rehabilitation Medicine
Law	Science
O Medicine & Dentistry	○ School of Public Health
Other (please specify)	

Q5. What program (e.g., department) are you enrolled in?

Q6. What year of study are you in?

- (1) First Year
- (2) Second Year
- (3) Third Year

(4) Fourth Year

Q7. What is your year of birth?
0 1989
0 1990
0 1991
0 1992
0 1993
0 1994
0 1995
O 1996
Other (please specify)

Q8. Do you identify yourself as:
Male
Female
Other (please specify)

Q9. Are you an international student?

🔾 Yes

O No

Q10. How do you make meaning ("make sense") of your university learning? Please check all that apply:

a) a gaining your own deep understanding (e.g., of a concept)

b) D saying something in your own words

c) c interacting with different perspectives

d) discussing with other people

e) applying your experience to real life (e.g., your career)

f) putting your learning into context

g) researching information

h) seeking help from others

i) working through the process of figuring something out (e.g., solving a problem) Other (please specify) Q11. How do you most often make meaning ("make sense") of your university learning?

- individually (personally)
- with others (socially)
- both individually (personally) and with others (socially)

Perceptions of Social Media

Social media include applications and websites that allow users to create and share content. Social media also enable users to connect via web technologies or to participate in social networks.

Q12. Do you use social media in your own university learning?

 $\bigcirc$  Yes (branching – goes to questions 13-17)

 $\bigcirc$  No (branching – goes to question 18)

Q13. In your own university learning, do you use any of the following? Please check all that apply:

- a) Blogs (e.g., Blogger, WordPress)
- b) 🗌 Wikis (e.g., Wikimedia)
- c) Google Apps (e.g., Google Calendar, Google Docs)
- d) Image sharing (e.g., Flickr, Instagram, Pintrest)
- e) Social bookmarking (e.g., Delicious)
- f) Social networking (e.g., Facebook, Google+)
- g) Social news sites (e.g., Reddit)
- h) VOIP and Instant messaging (e.g., Skype, Google Talk/Chat, WhatsApp)
- i) Do-it-yourself networks (e.g., Ning)
- j) D File sharing (e.g., Dropbox, Google drive, BitTorrent)
- k) 🗌 Video sharing (e.g., YouTube, Vine)
- 1) D Location-based applications (e.g., Foursquare, Google Maps)
- m) Microblogs (e.g., Twitter)

Q14. In your opinion, do you see these social media as an <u>important</u> part of your university learning?

a) Blogs (e.g., Blogger, WordPress)	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
b) Wikis	$\cap$	$\cap$	$\cap$	$\cap$	$\cap$
(e.g., Wikimedia)	~	~	~	~	~
c) Google Apps	0	0	0	0	0
<ul><li>(e.g., Google Calendar, Google Docs)</li><li>d) Image sharing</li><li>(e.g., Flickr, Instagram, Pinterest)</li></ul>	$\circ$	$\circ$	$\circ$	$\circ$	$\circ$
e) Social bookmarking (e.g., Delicious)	0	$\bigcirc$	0	0	0
f) Social networking (e.g., Facebook, Google+)	0	$\bigcirc$	0	0	$\odot$
g) Social news sites	0	0	0	0	0
(e.g., Reddit) h) VOIP and Instant messaging	0	0	0	0	0
(e.g., Skype, Google Talk/Chat, WhatsApp) i) Do-it-yourself networks	0	0	0	0	$\circ$
(e.g., Ning) j) File sharing	0	0	0	0	0
<ul><li>(e.g., Dropbox, Google Drive, BitTorrent)</li><li>k) Video sharing</li><li>(a.g., YayTuka, Ving)</li></ul>	0	0	0	0	0
(e.g., YouTube, Vine) 1) Location-based applications	0	0	0	0	0
(e.g., Foursquare, Google Maps) m) Microblogs (e.g., Twitter)	0	0	$\bigcirc$	$\circ$	$\circ$

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
a) Building relationships with peers (e.g., Facebook, LinkedIn)	0	0	$\circ$	$\circ$	$\circ$
b) Building relationships with instructors (e.g., Facebook, LinkedIn)	$\odot$	0	$\bigcirc$	$\bigcirc$	0
c) Creating media to share online (e.g., pictures, videos, music)	0	0	$\bigcirc$	0	0
d) Sharing information online	0	0	0	0	0
(e.g., links to websites, articles) e) Posting/Re-posting media or information found online (e.g., re-tweeting, sharing links)	0	0	$\circ$	$\circ$	0
) Commenting on media or information found online	0	0	$\bigcirc$	$\circ$	0
g) Collaborating to create documents online (e.g., Google docs)	0	0	$\circ$	$\circ$	0
h) Tracking and managing your academic schedule	0	$\bigcirc$	0	0	0

## Q15. In your opinion, are the following characteristics of social media <u>useful</u> for your university learning?

Q16. In your opinion, do the following characteristics of social media help you to <u>make meaning (make sense)</u> of your university learning?

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
a) Building relationships with peers (e.g., Facebook, LinkedIn)	0	0	0	0	0
b) Building relationships with instructors (e.g., Facebook, LinkedIn)	0	0	$\circ$	$\circ$	0
c) Creating media to share online (e.g., pictures, videos, music)	0	0	0	0	0
d) Sharing information online	0	0	0	0	0
<ul><li>(e.g., links to websites, articles)</li><li>e) Posting/Re-posting media or information found</li></ul>	0	0	0	0	0
online (e.g., re-tweeting, sharing links) f) Commenting on media or information found online	0	0	0	0	0
g) Collaborating to create documents online (e.g., Google docs)	$\circ$	$\bigcirc$	$\circ$	$\circ$	$\circ$
h) Tracking and managing your academic schedule	$\odot$	$\bigcirc$	$\circ$	$\circ$	$\bigcirc$

Q17. Please take a moment to tell us <u>why</u> you use social media in your university learning.

Q18. Please take a moment to tell us <u>why</u> you do not use social media in your university learning.

Thank you for completing this survey!

You can choose to be entered in a draw to win a \$25 iTunes gift cards by following this link to a Google form that is separate from SurveyMonkey: <u>Click here to enter your name into the iTunes gift card draw</u>

Q19. Other comments or questions about this study? Please list them here: