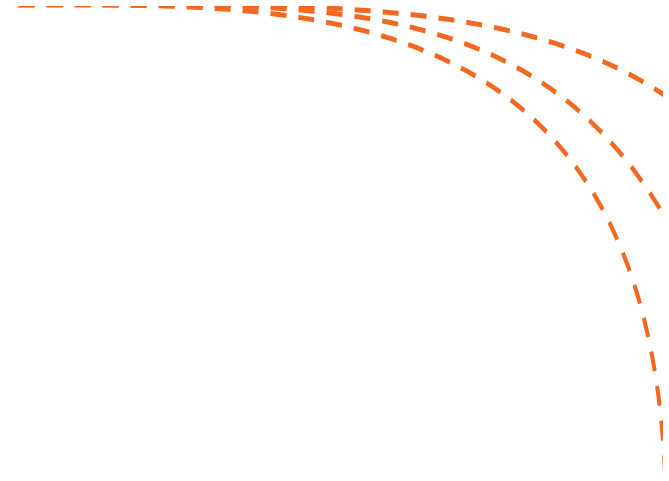




What's in your repository?



GAIL MCMILLAN



DIRECTOR OF SCHOLARLY COMMUNICATION



UNIVERSITY LIBRARIES
VIRGINIA TECH.





How do we determine if the collections in our IR are representative of the work being done in the university community?

- Amanda Rust, “Design for Diversity.” IMLS grant report to CNI, Dec. 2017
- Rebekah Scoggins, “Broadening Your Library’s Collection: Implementing a LGBTQIA Collection Development Project.” *C&RL News*, March 2018
- Sam Winn, “The Hubris of Neutrality in Archives.” *On Archivy*, April 2017

What's in my IR, VTechWorks?

- DSpace repository software
- 70,000 items
 - VT research and scholarship, unit pubs, historical docs
 - Born digital and scanned/OCR'd
 - 85% text
- Acquisitions
 - Creators 'donate' by choice or edict—course work, ETDs
 - Staff discover, scan/OCR, deposit
 - Automating harvest, mediated deposit: [SWORD](#); Symplectic Elements
- 96% publicly accessible



Vocabularies (handout)

- Scoggins' [article](#) in *C&RLNews*
- Virginia Tech's [Safe Zone](#) training
- University of Massachusetts, Amherst, [Stonewall Center](#)
- County of San Mateo [CA]: [LGBTQ Commission](#)
- Progressive's Style Guide from [SumOfUs](#)

Terms and phrases: searching VTechWorks

- Fuzzy (e.g., close matches: generate/generational)
- Stemming (e.g., sexuality/sexual, biases/bias)
- Quotes “around phrases”
- Too broad or generic (e.g., unconscious bias) eliminated
- Biological terms kept
- Results: 159 terms
 - 96 terms in VTechWorks, 1940-2019

VTechWorks

<https://vtechworks.lib.vt.edu>

LGBTQ terms/phrases (96)	% of terms in VTW	VTW 9654 hits on 96 terms in 69,466 works	oldest in VTW	most recent in VTW
sexual orientation	38.7%	3734	1981	2018
gender identity	12.3%	1186	1981	2018
gender expression	10.2%	980	1988	2018
lesbian	3.8%	370	1975	2018
heterosexual	3.8%	364	1955	2018
homosexual	3.6%	345	1968	2018
gender equity	2.9%	284	1990	2017
gender bias	2.6%	250	1985	2018
bisexual	2.5%	245	1955	2018
gender inequity/inequality	2.1%	200	1989	2018
transgender	1.9%	186	1996	2018
gender neutral	1.5%	142	1982	2018
homophobia	1.1%	104	1986	2018
LGBTQ	1.0%	100	2004	2018
gay men	0.9%	90	1986	2018
hermaphrodite	0.9%	83	1959	2018
androgynous	0.8%	78	1975	2018
gender disparity	0.8%	75	1994	2017

ETDs

LGBTQ terms/phrases (96)	% of terms in ETDs	ETDs 3059 hits on 89 terms in 31,808 works	oldest ETD	most recent ETD
heterosexual	10.1%	309	1955	2018
homosexual	9.4%	288	1968	2018
sexual orientation	8.5%	259	1981	2018
lesbian	8.4%	256	1975	2018
gender identity	5.7%	174	1981	2018
gender bias	5.5%	169	1985	2018
bisexual	5.0%	152	1955	2018
gender inequity/inequality	3.8%	117	1989	2018
transgender	3.4%	104	1996	2018
gender equity	3.2%	99	1994	2017
gender neutral	3.0%	91	1982	2018
homophobia	2.6%	81	1986	2018
gay men	2.3%	71	1986	2018
androgynous	2.2%	67	1975	2018
hermaphrodite	1.8%	56	1968	2017
gay rights	1.8%	55	1998	2018
biological sex	1.8%	54	1973	2018

Faculty Research

LGBTQ terms/phrases (96)	% of terms in Fac Res	Fac Res 387 hits on 34 terms in 4141 works	Fac Res oldest	Fac Res most recent
sexual orientation	24.5%	95	2001	2018
gender identity	14.7%	57	2004	2018
gender expression	12.9%	50	2013	2018
gender equity	7.0%	27	2001	2017
gender bias	4.4%	17	2001	2018
lesbian	3.9%	15	2005	2017
heterosexual	3.4%	13	2001	2018
gender inequity/inequality	3.4%	13	1991	2018
gender disparity	3.4%	13	2001	2017
gender neutral	3.1%	12	2001	2018
bisexual	2.1%	8	2007	2019
LGBTQ	2.1%	8	2013	2019
homosexual	1.8%	7	2002	2017
transgender	1.6%	6	2013	2018
gay men	1.6%	6	2005	2019
hermaphrodite	1.3%	5	2010	2019
biological sex	1.0%	4	2009	2016
gender inclusive	1.0%	4	2016	2017

VT's 9 Colleges

LGBTQ terms/phrases (96)	% of terms in College	College 1191 hits on 44 terms in 13,537 works	College oldest	College most recent
sexual orientation	43.6%	519	1986	2018
gender identity	9.7%	115	1997	2018
gender expression	7.7%	92	2007	2018
gender equity	7.6%	90	1997	2017
gender inequity/inequality	5.0%	60	1991	2018
gender bias	3.9%	46	1994	2018
lesbian	2.8%	33	2004	2017
transgender	2.0%	24	2007	2017
gender disparity	1.8%	22	2001	2017
gender neutral	1.8%	21	1995	2017
LGBTQ	1.8%	21	2010	2018
bisexual	1.7%	20	1988	2016
heterosexual	1.6%	19	2002	2018
homosexual	1.1%	13	1983	2018
hermaphrodite	1.1%	13	1988	2017
gender inclusive	1.0%	12	1997	2017
intersex	0.9%	11	2007	2017



But what does all this data mean?



- Compare collections? NO
 - 31,000 – 4000 items
 - Oldest items: 1940 – 2016
- Compare collections? YES
 - Percentages *within* each collection
 - Percentages *across* collections
- VTechWorks in the context of Virginia Tech
 - VT website (vt.edu) as an indicator of university community's activities and 'publications'

What are they researching and writing about?

VT ranking	% VT	LGBTQ terms/phrases	% VTW	VTW ranking
1	18%	sexual orientation	38.7%	1
2	11%	gay power	0.0%	85
3	11%	gender identity	12.3%	2
4	10%	gender expression	10.2%	3
5	8%	sexually fluid	0.0%	81
6	6%	lesbian	3.8%	4
7	5%	homosexual	3.6%	6
8	4%	LGBTQ	1.0%	14
9	3%	heterosexual	3.8%	5
10	3%	transgender	1.9%	11
11	3%	bisexual	2.5%	9
12	2%	gender equity	2.9%	7
13	2%	masculine of center	0.0%	74
14	1%	homophobic	0.5%	22
15	1%	homophobia	1.1%	13
16	1%	gender bias	2.6%	8
17	1%	gay men	0.9%	15
18	1%	gender neutral	1.5%	12
19	1%	gay marriage	0.3%	28
29	1%	gender inequity/inequality	2.1%	10



SEXUAL ORIENTATION GENDER IDENTITY GENDER EXPRESSION



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Disclaimer or research topic?

% vt.edu (minus VTW)	LGBTQ terms/phrases	% of terms in VTW	% of terms in College	% of terms in ETDs	% of terms in Fac Res
18%	sexual orientation	39%	44%	8%	25%
11%	gender identity	12%	10%	6%	15%
10%	gender expression	10%	8%	1%	13%

Selected terms for comparisons



% vt.edu	LGBTQ terms/phrases	% of terms in VTW	% of terms in Colleges	% of terms in ETDs	% of terms in Fac Res
2%	gender equity	3%	8%	3%	7%
1%	gender inequality	2%	5%	4%	3%
1%	gender bias	3%	4%	6%	4%
0%	gender inclusive	0%	1%	0%	1%
4%		8%	17%	13%	16%

Selected terms for comparisons

% vt.edu	LGBTQ terms/phrases	% of terms in VTW	% of terms in Colleges	% of terms in ETDs	% of terms in Fac Res
3%	transgender	2%	2%	3%	2%
0%	third gender	0%	0%	0%	
0%	trans man	0%			
0%	trans men	0%			
0%	trans woman	0%		0%	
0%	trans women	0%			
3%	transgender	2%	2%	3%	2%
0%	transman	0%			
0%	transmen	0%	0%		
0%	transphobia	0%	0%	0%	0%
0%	transsexual	0%		1%	
0%	transvestite	0%		0%	
0%	transwoman	0%		0%	
0%	transwomen	0%			
0%	MTF individuals	0%			
0%	FTM individuals	0%		0%	
8%		5%	4%	9%	3%

What aren't they researching and writing about?

vt.edu (6)	VTechWorks: Faculty Research (63)	VTechWorks: Colleges (52)
gender confirmation surgery	agender	bathroom bill
heteroflexible	assigned gender	berdache
homoflexible	bathroom bill	bicurious
lesbophobia	berdache	bisexual erasure
preferred gender pronoun	bicurious	cross dresser
trans men	bigender	defense of marriage act
	bisexual erasure	drag king
VTechWorks: ETDs (6)	cisgender	drag queen
bathroom bill	cross dresser	faggot
bisexual erasure	drag king	feminine presenting
homoflexible	drag queen	FTM individuals
masculine of center	faggot	gay liberation
QTPOC	feminine presenting	gay power
transmen	FTM individuals	gay studies
	gay liberation	gender affirming surgery
	gay power	gender binary
	gay studies	gender confirmation surgery
	gender affirming surgery	gender fluid
	gender confirmation surgery...	gender non-binary...

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- 94% terms in VT.edu are in VTechWorks
 - 94% of LGBTQ terms (90) in VTechWorks have <2% difference in the percentage hits from the LGBTQ terms' hits in VT.edu

Therefore, I concluded that the LGBTQ microcosm in VTechWorks is representative of the work being published on the VT website.

But, is this microcosm in VTechWorks representative of the work being done at Virginia Tech?



Where to go from here?

- Is this a valid method to begin to determine if an IR adequately reflects the work and activities of its university community?
- Should we assess IRs based on different criteria?
- Are any of you interested in looking at your IRs and sharing the results?

Thank you, Gail McMillan

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