The ETD Lens on the IR and the University
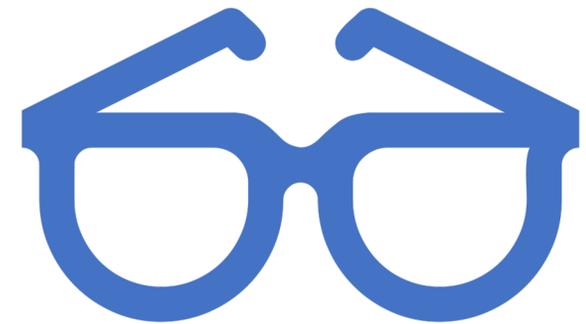
Gail McMillan
Director, Scholarly Communication
Professor, University Libraries

VIRGINIA TECH

Populating the VT IR, VTechWorks

- Self-deposit
  - Faculty deposit directly
  - Faculty deposit through integrated systems, e.g., Symplectic Elements
  - Graduate Students' ETDs through local online system
  - Undergraduates meet course requirements
- VTechWorks staff deposit
  - Unsystematically, e.g., something they read about in the daily *VT News*
  - Project-based, e.g., OA articles funded by the Open Access Subvention Fund
- SWORD: auto harvesting from some publishers
  - BioMed Central, Hindawi, MDPI

Inspiration

Rust, Amanda, 2017. Design for diversity: Towards inclusive information systems for cultural heritage. Coalition for Networked Information.

Scoggins, Rebeka, 2018. Broadening your library's collection: Implementing a LGBTQIA collection development project. *College & Research Library News.*

Winn, Samantha, 2017. The hubris of neutrality in archives. *On Archivy*.

How would we know if our institutional repositories lacked diverse cultural materials and were contributing to the omission of historically marginalized groups?

L. G. B. T. Q. I. A. +

Lesbian, Gay, Bisexual, Transgender, Questioning/Queer, Intersex, Ally/Asexual

agender
androgynous
aromantic
asexual
assigned gender
bathroom bill
berdache
bicurious
bigender
binarism
biological sex
biphobia
biromantic
bisexual
bisexual erasure
cisgender
cisnormative
cissexism
crossdresser
defense of
marriage act
demisexual
diverse sexualities
and genders
drag king
drag queen
faggot
feminine presenting
FTM individuals
gay liberation
gay marriage
gay men

gay power
gay pride
gay rights
gender
gender affirming
gender and sexual
minorities
gender bias
gender binary
gender
confirmation
surgery
gender confirming
gender creative
gender disparity
gender dysphoria
gender equality
gender equity
gender expansive
gender expression
gender fluid
gender identity
gender inclusive
gender inequality
gender inequity
gender neutral
gender normative
gender variant
gender-nonbinary
gender-
nonconforming
genderfluid

genderfuck
genderqueer
gynephilic
hegemonic
hermaphrodite
heteroflexible
heteronormative
heterosexism
heterosexual
homoerotic
homoflexible
homonormitive
homophobia
homophobic
homoromantic
homosexual
implicit bias
inclusive language
intersex
lesbian
lesbophobia
LGBTQ
LGBTQIA
lifestyle choice
lipstick lesbian
mansplaining
marginalized
identities
masculine of center
masculine
presenting
metrosexual

misogyny
MTF individuals
non-binary gender
pangender
pansexual
polyamorous
polyamory
polysexual
preferred gender
pronoun
QPOC
QTPOC
queer studies
queercore
same-gender loving
sapiosexual
secondary sex
characteristics
sex assigned at
birth
sex change
sex change
operation
sex reassignment
sex reassignment
surgery
sexism
sexual orientation
sexual preference
sexual
reassignment
sexually fluid

shemale
third gender
trans men
trans women
trans-man
trans-woman
transfeminism
transgender
transman
transmen
transphobia
transsexual
transvestite
transwoman
transwomen
two spirit
unconscious bias
underrepresented
groups

161 terms/phrases: 5 collections

# items	collection	terms matched	hits
71,734	VTechWorks	129	21,455
32,557	ETDs	115	9,017
3,870	Faculty Research	40	858
14,285	Colleges	89	406
	Virginia Tech vt.edu	109	84,793

% of 21,455 hits on 129 terms 71,734 VTW	% of 84,793 hitson 109 terms in VT	ALL TERMS	% of 9017 hits on 115 terms in 32,557 ETDs	% of 858 hits on 40 terms in 3870 Fac Res	% hits 4067 hits on 89 terms in 4590 Colleges
39.2%	39.3%	gender	49.2%	52.8%	48.9%
1.8%	1.8%	heterosexual	3.5%	0.3%	0.8%
1.7%	2.6%	homosexual	3.3%	0.9%	0.6%
1.6%	1.5%	hegemonic	3.0%	0.8%	1.0%
18.5%	13.8%	sexual orientation	2.9%	5.9%	13.8%
1.9%	3.1%	lesbian	2.9%	0.9%	1.3%
1.7%	0.8%	asexual	2.5%	3.1%	1.7%
1.4%	2.2%	sexism	2.4%	1.5%	0.8%
6.5%	7.8%	gender identity	2.0%	3.8%	3.8%
1.2%	0.6%	gender bias	1.9%	9.3%	1.4%
0.4%	0.3%	androgynous	1.9%		0.2%
1.3%	1.6%	bisexual	1.8%	0.6%	1.2%
1.0%	0.7%	gender equality	1.5%	0.9%	1.1%
1.0%	0.5%	gender inequality	1.3%	1.2%	1.6%
1.0%	0.1%	gender inequity	1.3%	1.2%	1.5%
1.1%	1.7%	transgender	1.2%	0.1%	1.1%
1.4%	1.4%	gender equity	1.1%	3.5%	2.6%

Graduate Students vs. Faculty

	Graduate Students ETDs	Faculty Research
Bisexual	**3x**	**0.06%**
Lesbian	**3x**	**0.09%**
Binarism	**6x**	**0.01%**
Hegemonic	**3x**	**0.08%**
Hetrosexual	**10x**	**0.03%**
Homophobia	**9x**	**0.01%**
Homosexual	**3x**	**0.09%**
Gender bias	**1.9%**	**5x**
Gender expression	**0.2%**	**18X**

% VT	VT ranking	109 terms/ phrases	ETDs ranking	% ETDs
39.3%	1	gender	1	49.2%
13.8%	2	**sexual orientation**	5	2.9%
7.8%	3	**gender identity**	9	2.0%
7.0%	4	**gender expression**	41	0.2%
3.1%	5	lesbian	6	2.9%
2.6%	6	homosexual	3	3.3%
2.3%	7	LGBTQ	30	0.4%
2.2%	8	sexism	8	2.4%
1.8%	9	heterosexual	2	3.5%
1.7%	10	transgender	16	1.2%
1.6%	11	bisexual	12	1.8%
1.5%	12	underrepresented groups	20	0.9%
1.5%	13	hegemonic	4	3.0%
1.4%	14	gender equity	17	1.1%
0.8%	15	asexual	7	2.5%
0.8%	16	homophobia	21	0.9%
0.8%	17	homophobic	27	0.5%
0.7%	18	gender equality	13	1.5%
0.6%	19	gender bias	10	1.9%
0.3%	20	androgynous	11	1.9%

In conclusion: Are they similar enough?

If it is a valid method

- Does the IR reflect the work being done at the institution?
  - 94% of the terms in VT are in VTechWorks.
  - 94% of the LGBTQ terms in VTechWorks have <2% difference in the percentage of hits.

- Do ETDs reflect the work being done at the institution?
  - 91% of the terms in VT appeared in ETDs.
  - 92% of the terms have <1% difference in the percentage of hits.

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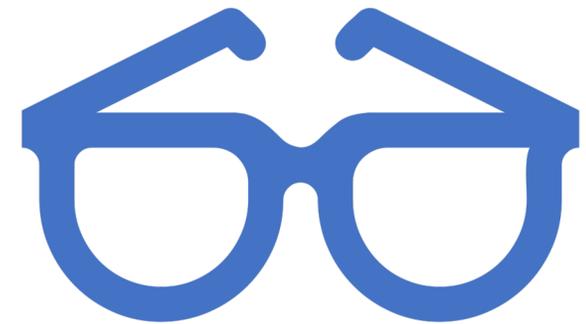
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VIRGINIA TECH™

22nd International Symposium on ETDs
Nov, 2019, Universidad Portucalense,
Porto, Portugal