



Hodgepodge or Showcase?

An IR Assessment Strategy



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VIRGINIA TECH.

VTechWorks

VTechWorks provides global access to Virginia Tech scholarship. VTechWorks includes journal articles, books, theses, dissertations, conference papers, slide presentations, technical reports, working papers, administrative documents, videos, images, and more by faculty, students, and staff. Write vtechworks@vt.edu to get help adding your content to VTechWorks. Read an [article about VTechWorks](#) or visit the [Open@VT blog](#) to learn about current VTechWorks activities.

Want to publish a standalone dataset? Visit [VTechData](#).

Faculty can deposit items to VTechWorks from Elements (EFARs). Visit the Provost's [Elements page](#) to learn more and to log in to Elements.

Want to see historical data on VTechWorks usage and content? See our spreadsheet of [VTechWorks Stats](#) and a [map of global usage](#).

Communities in VTechWorks

[College of Agriculture and Life Sciences \(CALs\)](#) [9032]

[College of Architecture and Urban Studies \(CAUS\)](#) [2021]

[College of Engineering \(COE\)](#) [4136]

[College of Liberal Arts and Human Sciences \(CLAHS\)](#) [842]

[College of Natural Resources and Environment \(CNRE\)](#) [1620]

[College of Science \(COS\)](#) [2742]

[Destination Areas \(DAs\) and Strategic Growth Areas \(SGAs\)](#) [1800]

[ETDs: Networked Digital Library of Theses and Dissertations \(NDLTD\)](#) [177]

[ETDs: Virginia Tech Electronic Theses and Dissertations](#) [34856]

[Fralin Life Sciences Institute](#) [602]

[Honors College](#) [35]

[Institute for Creativity, Arts, and Technology \(ICAT\)](#) [54]

[Institute for Critical Technology and Applied Science \(ICTAS\)](#) [94]

[Institute for Society, Culture and Environment \(ISCE\)](#) [118]



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DISCOVER

Content Type

[Thesis \(19920\)](#)

[Dissertation \(15134\)](#)

[Article - Refereed \(8590\)](#)

[Image \(7873\)](#)

[Extension publication \(7231\)](#)

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Subject

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

VTechWorks: Collection Development

- Virginia Tech Community deposit by choice or by edict
- VT Faculty: Elements, SWORD
- VT Students: ETDs, course projects
- VT Publishing: open articles, journals, textbooks, books
- VTechWorks Staff: randomly, systematically
- Non-VT deposits

IR Assessment Strategy

- Identify one or more microcosms
- Develop vocabularies for each
- Search IR, record hits, turn numbers into percentages
- Search institution, record hits, turn numbers into percentages
- Compare percentages
- Determine what is an acceptable level of difference



Sample Spreadsheet

LGBTQ+ terms and phrases searched March 1-2, 2021 Terms=134	vt.edu (Google) Tterms=111, hits=10121	% VT hits	% VT hits minus % VTW hits	% VTW hits	VTW (Google) Tworks=843 11, Tterms=130, Thits=7747
agender	16	0.2%	0.1%	0.0%	1
androgynous	52	0.5%	-0.6%	1.1%	83
aromantic	3	0.0%	0.0%	0.1%	6
asexual	210	2.1%	-1.7%	3.8%	295
assigned gender	5	0.0%	-0.1%	0.2%	14
bathroom bill	5	0.0%	0.0%	0.0%	3
berdache	34	0.3%	0.3%	0.1%	5
binarism	5	0.0%	0.0%	0.0%	2
biological sex	31	0.3%	-0.8%	1.1%	85
biphobia	2	0.0%	-0.1%	0.1%	7
bisexual	316	3.1%	-0.7%	3.8%	295
cisgender	69	0.7%	-0.1%	0.8%	59

While I was at it

- Who's using these terms and phrases?
 - Graduate students: 34,550 ETDs
 - Faculty: 5,350 published articles, presentations
 - 660 articles supported by subvention fund for OA APCs
 - 2400 articles from SWORD, journals published at VT, etc.
 - 2290 works deposited from Elements' FARS

Google and DSpace Search Strategies

■ Google

- “term” site:vt.edu -site:vtechworks.lib.vt.edu -site:scholar.lib.vt.edu -site:thesis.lib.vt.edu
- “term” site:vtechworks.lib.vt.edu

■ VTechWorks/DSpace

- VTechWorks <https://vtechworks.lib.vt.edu/>
- ETDs <https://vtechworks.lib.vt.edu/handle/10919/5534>
- Faculty Publications combines these three collections:
 - OASF <https://vtechworks.lib.vt.edu/handle/10919/71752>
 - SWORD+ <https://vtechworks.lib.vt.edu/handle/10919/8195>
 - Elements <https://vtechworks.lib.vt.edu/handle/10919/70873>

LGBTQ+
134 terms

agender
androgynous
aromantic
asexual
assigned gender
bathroom bill
berdache
bicurious
bigender
binarism
biological sex
biphobia
biromantic
bisexual
bisexual erasure
bull-dyke
cisgender
cisnormative
cissexism
cross dresser
defense of marriage act
demisexual
Denim Day
diverse sexualities and genders
drag king
drag queen
Ex Lapide
faggot
feminine presenting
FTM individuals
gay liberation
gay marriage
gay men
gay power
gay pride
gay rights

gender affirming
gender bender
gender bias
gender binary
gender confirmation surgery
gender confirming
gender conforming
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-blind
gender-nonbinary
gender-nonconforming
genderfuck
genderqueer
gynephilia
hermaphrodite
heteroflexible
heteronormative
heterosexism
heterosexual
homoerotic
homoflexible
homonormative
homophobia
homophobic
homoromantic

homosexual
implicit bias
inclusive language
intersex
lesbian
lesbophobia
LGBTQ
LGBTQ rights
LGBTQIA
lifestyle choice
lipstick lesbian
mansplaining
marginalized identities
masculine of center
masculine presenting
metrosexual
misogyny
MTF individuals
non-binary
non-binary gender
omnigender
pangender
pansexual
polysexual
preferred gender pronoun
preferred pronoun
Pride Week
QPOC
QTPOC
queer studies
queer theory
queerness
safe zone
same-gender loving
secondary sex characteristics
sex assigned at birth
sex change
sex reassignment
sexism

sexual identity
sexual orientation
sexual preference
sexual reassignment
sexually deviant
sexually fluid
shemale
third gender
trans men
trans women
transfeminism
transgender
transmen
transphobia
transsexual
transvestite
transwomen
two spirit
unconscious bias
underrepresented groups



<https://www.alumni.vt.edu/groups/multicultural/alumni-societies/ex-lapide.html>

Does VTechWorks accurately reflect VT?

% difference, VT - VTechWorks	LGBTQ+
<1%	88%
<2%	97%

LGBTQ+

<https://ccc.vt.edu/index/lgbtq.html>

Indigenous People

87 terms

Alaska Native
American Indian
American Indian and Indigenous
Community Center
American Indian Women
Amerindian
Anishinaabe
Blackfeet
Catawba
Cheroenhaka
Cherokee
Chickahominy
Coharie
Cree
Criollo
Croatan
Cultural assimilation
Cultural erasure
Delaware Indians
Diné
Eastern Chickahominy
Eskimo
Eurocentric
Federal Indian Policy
First Nations
First Peoples
Full-blooded
Half-breed

Half-caste
Indians
Indigenous art
Indigenous Communities
Indigenous decolonization
Indigenous languages
Indigenous People
Indigenous rights
Indio
Inter-tribal
Inuit
Inuk
Lumbee
Mattaponi
Meherrin
Mestizo
Monacan
Monacan-Tutelo
Nansemond
Native Americans
Native at Virginia Tech
Native Communities
Native Hawaiians
Native nations
Native People
Native students
Natives
Navajo
Navajo (Diné)
Nottoway
Original Peoples

Osage
Pamunkey
part-Indian
part-native
Patawomeck
Peepeekisis Cree
Pow wow
Powhatan
Powwow
Quechua
Quechua/Aymara
Rappahannock
Saponi
Savages
Settler colonialism
Shinnecock
Squaw
Tohono O'odham
Tribal
Tribal policy
Tribal Sovereignty
Tribe
Tuscarora
Tutelo
Unkechaug
Upper Mattaponi
Wampum
Yuchi
Zambo



<https://ccc.vt.edu/index/aiicc/>

Does VTechWorks accurately reflect VT?

% difference, VT - VTechWorks	Indigenous People
<1%	85%
<2%	95%



https://ccc.vt.edu/calendar/Indigenous_Peoples_Day.html

Latinx 75 terms

Beaner
Border enforcement
Boricua
Bracero
Castas
Castellano
Catalan
Chicana
Chicano
Chicanx
Cholas
Cholo
Cuban-American
DACA
Deferred Action for Childhood Arrivals
Deportation
DREAM Act
El Centro
Espanol
Español
Espanyol
Filipino-American
Gente
Guacho
Half breed
Hispanic
Hispanos
Illegal alien
Illegal immigrants

Illegal status
Illegals
Immigration
Immigration and Customs Enforcement
Immigration policy
Immigration raid
Judeo-Spanish
LASO
Latin American
Latin American Student Organization
Latin@
Latina
Latine
Latino
Latinos
Latinx
Machismo
Malinche
Mestizaje
Mestizo
Mexican
Mexican American
Mixed-status families
NAFTA
Norteños
North American Free Trade Agreement
Pachuca
Pachuco
Paisa
Paisano
Puerto Rican
Raza

Ruca
Seasonal agricultural worker
Spanish
Spanish American
Spic
Undocumented
Undocumented aliens
Undocumented immigrants
Undocumented students
United States–Mexico–Canada
Agreement
USICE
USMCA
Vulnerable communities
Wetback



<https://ccc.vt.edu/calendar/ceremonies.html>

Does VTechWorks accurately reflect VT?

% difference, VT - VTechWorks	Latinx
<1%	76%
<2%	94%



https://ccc.vt.edu/index/el_centro.html

Does VTechWorks accurately reflect VT?

% difference, VT - VTechWorks	LGBTQ+	Indigenous People	Latinx
<1%	88%	84%	76%
<2%	97%	94%	94%



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1. Have I suggested an appropriate way to evaluate institutional repositories?
2. What percentage of match would determine that the IR appropriately reflects its host institution?
3. What other microcosms might we study? Perhaps veterans, immigrants, others?
4. Are you interested in doing a similar study of your IR and sharing your results?

THANK YOU!