

# CURRICULUM VITAE

**Anthony N. Correro PhD**

**Assistant Professor  
Department of Neurology  
Division of Neuropsychology**

**OFFICE ADDRESS:**

Froedtert Hospital  
9200 W Wisconsin Ave  
Milwaukee, WI 53226

**EDUCATION:**

08/2009 - 05/2013 BS, Louisiana State University and Agricultural and Mechanical College (LSU) & LSU Honors College, Baton Rouge, LA  
08/2013 - 05/2015 MS, Marquette University, Milwaukee, WI  
08/2013 - 08/2020 PhD, Marquette University, Milwaukee, WI

**POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:**

07/2019 - 07/2020 Clinical Psychology Intern, Mental Health Service, VA Boston Healthcare System  
Psychology Internship Training Program, Boston, MA  
07/2019 - 07/2020 Clinical Fellow, Harvard Medical School, Boston, MA  
07/2019 - 07/2020 Teaching Fellow, Boston University School of Medicine, Boston, MA  
09/2020 - 07/2022 Postdoctoral Fellow, Michigan Medicine and VA Ann Arbor Healthcare System  
Postdoctoral Consortium in Clinical Neuropsychology, Ann Arbor, MI  
09/2020 - 07/2022 Adult/Geriatric Neuropsychology Resident, Mental Health Service, VA Ann Arbor  
Healthcare System, Ann Arbor, MI  
09/2020 - 07/2022 Advanced Post-Graduate Trainee, Department of Psychiatry, Michigan Medicine,  
University of Michigan Health, Ann Arbor, MI

**FACULTY APPOINTMENTS:**

08/2016 - 05/2017 Instructor, Department of Psychology, Marquette University, Milwaukee, WI  
08/2018 - 05/2019 Teaching Assistant, Department of Psychology, Marquette University, Milwaukee, WI  
08/2022 - Present Assistant Professor, Neurology, Neuropsychology, The Medical College of Wisconsin,  
Milwaukee, WI

**HOSPITAL STAFF PRIVILEGES:**

08/2022 - Present Froedtert Memorial Lutheran Hospital, 9200 W. Wisconsin Ave., Milwaukee, WI 53226

**SPECIALTY BOARDS AND CERTIFICATION:**

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
Leadership in Action	Phi Sigma Pi	05/2013	None
Neuroanatomical Dissection CE Course	Marquette University	07/2014	None
Multicultural Awareness and Professional Integration Program	Marquette University	08/2020	None
Diversity, Equity, and Inclusion Program	University of Michigan	05/2022	None

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Michigan License	6301018813	01/11/2022	01/11/2024
Wisconsin License	4077-57	08/19/2022	09/30/2023

**AWARDS AND HONORS:**

05/2013 College Honors, LSU Honors College  
05/2013 Summa Cum Laude, LSU  
05/2013 University Medal, LSU  
12/2014 International Convention of Psychological Science Travel Grant (\$400), Association for Psychological Science  
01/2015 Unrestricted Travel Reimbursement Grant (\$1,500), Psi Chi International Honor Society in Psychology  
01/2015 Graduate Student Research Travel (\$300), Marquette University Graduate School  
08/2016 - 05/2019 Milwaukee Gay Sports Network & Windhover Foundation LGBTQ+ Scholarship (\$2,500 per academic year), Cream City Foundation  
02/2017 Graduate Student Research Travel Award (\$400), Marquette University Graduate School  
10/2018 Graduate Student Research Travel Award (\$700), Marquette University Graduate School

**MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:**

04/2010 - Present Phi Sigma Pi National Honor Fraternity, Gamma Theta Chapter (Parliamentarian: 2012-2013. Alumnus: 2013-present)  
04/2011 - 05/2015 Psi Chi International Honor Society in Psychology  
04/2011 - Present The Honor Society of Phi Kappa Phi  
04/2013 - Present The Phi Beta Kappa Society  
10/2020 - Present Queer Neuropsychological Society (Parliamentarian)  
10/2022 - Present American Psychological Association  
10/2022 - Present The International Neuropsychological Society

**NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:**

06/2020 - Present Member, Committee on Aging, Division 44 (Society for the Psychology of Sexual Orientation and Gender Diversity), American Psychological Association  
08/2020 - 10/2020 Member, LGBTQ Special Interest Group, Diversity and Disparities Professional Interest Area, International Society to Advance Alzheimer's Research and Treatment (ISTAART), Alzheimer's Association  
10/2020 - 06/2021 Member, Steering Committee, Queer Neuropsychological Society

**RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:**

**Pending**

**Peer Review**

Title: National Neuropsychological Network (NNN)  
Source: NIMH  
Role: MCW Site Co-Investigator  
Dates: 08/01/2022 - 01/31/2024

**Prior**

**Peer Review**

Title: Age-Related Differences in Recollection-Based Monitoring  
Source: National Science Foundation Graduate Research  
Role: Graduate Research Fellow  
Dates: 09/01/2013 - 05/30/2016  
Direct Funds: \$132,000 (total for all years)

Title: CTSI National Research Service Awards  
(NRSA) Training  
Source: National Center for Advancing  
Translational Sciences,  
Role: Graduate Trainee  
Dates: 07/01/2017 - 06/30/2018  
Direct Funds: \$29,076

#### **INVITED LECTURES/WORKSHOPS/PRESENTATIONS:**

##### **National**

- Correro, A. N., II, Minority stress and Alzheimer's disease and related dementias (ADRD), Oral presentation at the Alzheimer's Association's Addressing Health Disparities Virtual Conference, LGBTQIA+ Populations and Health Disparities Strategic Focus Meeting, Virtual, 06/2021
- Correro, A. N., II, Cognitive aging with dementia, mild cognitive impairment, or no impairment: A comparison of same- and opposite-sex couples, Oral presentation at the 2021 PIA Day Scientific Session Data Blitz: Presentations on Diversity, Disparity, and Equity in ADRD Research, Prevention, and Practice. Alzheimer's Association: International Society to Advance Alzheimer's Research and Treatment (ISTAART), Diversity and Disparities Professional Interest Area (PIA), Virtual, 09/2021
- Correro, A. N., II, Considerations for LGBTQ+ neuropsychology, Oral presentation at the 50th Annual Meeting of the International Neuropsychological Society, Student Liaison Committee Sponsored Student Panel: LGBTQIA+ Issues in Neuropsychological Assessment: Impacts on Cognitive Health and Aging, Virtual, 02/2022
- Correro, A. N., II, Considerations for LGBTQ+ inclusive neuropsychological assessment, Oral presentation at the Neuropsychology Diversity Seminar, VA Boston Healthcare System, Boston, MA, Virtual, 10/2022

#### **PEER REVIEWED WORKSHOPS/PRESENTATIONS:**

##### **Local**

- Correro, A. N., II, Recent developments in the neurocognition of alexithymia, MCW's Clinical and Translational Science Research Seminar, Milwaukee, WI, 08/2018
- Correro, A. N., II, Hinrichs, K., Moye, J., & Nathan, S., Do ask, do tell: Identity and LGBT Veterans' perspectives on My Life, My Story, 2020 Harvard Medical School Psychiatry Research Day, Boston, MA/Virtual, 04/2022

##### **Regional**

1. Correro, A. N., II, Byers, S. J., Massura, C. E., & Nielson, K. A. (2014, May). Arousal and the DRM: Enhanced veridical memory, reduced false memory. Poster presented at the 86th annual conference of the Midwestern Psychological Association, Chicago, IL.
2. Mejaki, M., Correro, A. N., II, & Nielson, K. A. (2016, May). The effects of emotional arousal on false recognition in alexithymia. Poster presented at the 88th annual conference of the Midwestern Psychological Association, Chicago, IL
3. Patel, P., McCuddy, W. T., Berman, M., Potts, S. R., Reiter, K., Correro, A. N., Marra, D. E., Weatherton, M., Porcelli, A. J., & Nielson, K. A. (2016, May). Differential effects of cognitive and physiological stressors on autonomic regulation in older adults. Poster presented at the 28th annual convention of the Association for Psychological Science, Chicago, IL.
4. Marra, D. E., Reiter, K., Correro, A. N., Ruff, J., McCuddy, W. T., Brandolino, A., & Nielson, K. A. (2016, May). Digital art intervention improves cognition in healthy older adults. Poster presented at the 28th annual convention of the Association for Psychological Science, Chicago, IL.
5. Berman, M., McCuddy, W. T., Patel, P., Reiter, K., Potts, S. R., Marra, D. E., Correro, A. N., Weatherton, M., Porcelli, A. J., & Nielson, K. A. (2016, May). Short versus long-term heart rate variability: Effects of aging and APOE ?4. Poster presented at the 28th annual convention of the Association for Psychological Science, Chicago, IL.

6. Correro, A. N., II, Marra, D. E., Reiter, K., Byers, S. J., & Nielson, K. A. (2016, June). Executive functioning and verbal memory are predictive of alexithymia across the lifespan. Poster presented at the 14th annual conference of the American Academy of Clinical Neuropsychology, Chicago, IL.
7. Agarwal, M., Reiter, K., Correro, A., Ulmer, E., Franczak, S., Klein, A., & Umfleet, L. (2019, May). All that tremors is not Parkinson's: How volumetric MRI helped us characterize extrapyramidal dementia syndromes. Poster presented at the 57th annual meeting of the American Society of Neuroradiology, Chicago, IL.
8. Agarwal, M., Correro, A., Reiter, K., Franczak, S., Ulmer, E., Umfleet, L., & Klein, A. (2019, May). Comparison of cerebrovascular disease load between amnesic and non-amnesic mild cognitive impairment. Poster presented at the 57th annual meeting of the American Society of Neuroradiology, Chicago, IL.
9. Emmert, N. A., Reiter, K., Correro, A., Franczak, M., Ulmer, J., Agarwal, M., & Umfleet, L. G. (2019, June). Quantitative analysis of hippocampal volumes (NeuroReader) across mild cognitive impairment subtypes. Poster presented at the 17th annual conference of the American Academy of Clinical Neuropsychology Chicago, IL.
10. Reiter, K., Agarwal, M., Correro, A., Franczak, M., Ulmer, J. L., Umfleet, L., & Klein, A. P. (2019, December). Interplay of hemispheric and hippocampal volumes and interaction with vascular risk factors may underlie cognitive reserve. Poster presented at the 105th scientific assembly and annual meeting of the Radiological Society of North America, Chicago, IL.
11. Agarwal, M., Reiter, K., Ulmer, J. L., Franczak, M., Umfleet, L., Klein, A. P., & Correro, A. (2019, December). Differential brain substructure volume loss reflects cognitive phenotypes in MCI patients. Poster presented at the 105th scientific assembly and annual meeting of the Radiological Society of North America, Chicago, IL.
12. Hibbard, J., Umfleet, L. G., Franczak, M., Klein, A. P., Reiter, K., Correro, A., & Agarwal, M. (2020, May). The application of volumetric MRI in predicting mild cognitive impairment phenotype. Poster presented at the 2020 annual meeting of the American Roentgen Ray Society, Chicago, IL
13. Campbell, E. & Correro, A. N., II. (2021, September). Risk and prevention of traumatic brain injury (TBI) in older adults. Oral presentation at the 41st Annual Fall Conference of the Brain Injury Association of Michigan. Virtual.

### **National**

1. Correro, A. N., Considine, C. M., & Abeare, C. (2017, February). The Brief Estimate of Seconds Test (BEST): Piloting a measure of chronognosis with ADHD and memory disorder samples from a VA clinic. Poster presented at the 45th annual meeting of the International Neuropsychological Society, New Orleans, LA.
2. Guastello, S. J., Correro, A. N., II, & Marra, D. E. (2017, August). Do emergent leaders experience greater workload? The Swallowtail Catastrophe Model and changes in leadership. Paper presented at the 27th Annual International Conference for the Society for Chaos Theory in Psychology & Life Sciences Cincinnati, OH.
3. Guastello, S. J., Correro, A. N., II, & Marra, D. E. (2017, August). Cusp catastrophe models for cognitive workload and fatigue in teams. Paper presented at the 27th Annual International Conference for the Society for Chaos Theory in Psychology & Life Sciences, Cincinnati, OH.
4. Correro, A. N., Loman, M. M., Cohen, S. B., Earing, M. G., Ginde, S., Bartz, P., & Glass Umfleet, L. (2018, June). Poorer executive functioning is associated with lower adaptive functioning in adults with congenital heart disease. Poster presented at the 16th annual conference of the American Academy of Cli, San Diego, CA.
5. Correro, A. N., II, Guastello, S., Marra, D., & Peressini, A. (2018, August). Physiological synchronization, subjective workload, and team performance in a competitive emergency response task. Paper presented at the 28th annual international conference of the Society for Chaos Theory in Psychology & Life

Sciences, Raleigh, NC.

6. Corroero, A. N., II, Paitel, E. R., Byers, S. J., & Nielson, K. A. (2018, October).

Memory for neutral memoranda: Reconsidering salience effects in alexithymia.

Poster presented at the 38th annual conference of the National Academy of Neuropsychology, New Orleans, LA.

7. Paitel, E. R., Corroero, A. N., II, Byers, S. J., & Nielson, K. A. (2018, October).

Poorer memory and executive functioning across the lifespan: Contributions of alexithymia. Poster presented at the 38th annual conference of the National Academy of Neuropsychology, New Orleans, LA.

8. Ulmer, E., Reiter, K., Corroero, A. N., Franczak, S., Sabsevitz, D., & Glass Umfleet, L. (2019, February).

Quantitative neuroimaging as a potential biomarker for

amnesic MCI. Poster presented at the 47th annual meeting of the International Neuropsychological Society, New York City, NY.

9. Reiter, K., Corroero, A. N., Franczak, S., Ulmer, E., Sabsevitz, D., & Glass Umfleet, L. (2019, February).

Patterns of neuropsychological performances based on

memory profiles in MCI. Poster presented at the 47th annual meeting of the

International Neuropsychological Society, New York, NY.

10. Franczak, S., Reiter, K., Corroero, A. N., Ulmer, E., & Glass Umfleet, L. (2019,

February). A comparison of amnesic MCI and non-amnesic MCI using quantitative neuroimaging software

(Neuroreader). Poster presented at the 47th annual meeting of the International Neuropsychological Society, New York City, NY.

6. Corroero, A. N., II, Reiter, K. E., Franczak, S., Ulmer, E., & Glass Umfleet, L. (2019,

February). Amnesic mild cognitive impairment: Delineating storage versus

retrieval-based memory impairment using quantitative MRI. Poster presented at

the 47th annual meeting of the International Neuropsychological Society, New

York City, NY.

7. Corroero, A. N. (2020, August). LGBT+ older adults' cognition: Risks for pathological

decline and potential protective factors. In M. Krishnan (Chair), A. N. Corroero

K. L. M. Hinrichs, W. Donaldson, & W. Boot (Discussant). Cognitive aging and

LGBTQ older adults across the continuum of care. Symposium at the American

Psychological Association's 2020 Convention. Virtual.

8. Corroero, A. N., II, Ransom, M. T., Gradwohl, B. D., & Spencer, R. J. (2021,

February). Mini-Mental State Examination (MMSE) items demonstrate

incremental validity among Veteran outpatients. Poster presented at the 49th

annual meeting of the International Neuropsychological Society, San Diego

9. Corroero, A. N., II, Gauthreaux, K., Perales-Puchalt, J., Flatt, J., & Kukull, W. A.

(2021, July). Cognitive aging with dementia, mild cognitive impairment (MCI), or

no impairment: A comparison of same- and opposite-sex couples. Poster presented at the Alzheimer's

Association International Conference, Denver

10. Flatt, J. D., Evans, A., John, S. E., Corroero, A. N., II, Kittle, K. R., Cicero, E. C.,

Wharton, W., & Anderson, J. G. (2022, August). Exploring cognitive impairment

in a community-based sample of LGBTQ+ older adults. Poster presented at the

Alzheimer's Association International Conference, San Diego

11. Manca, R., Corroero, A. N., II, Gauthreaux, K., & Flatt, J. D. (2022, August).

Divergent patterns of cognitive deficits and structural brain alterations between

older adults in mixed-sex and same-sex relationships. Poster presented at the

Alzheimer's Association International Conference, San Diego

### **International**

1. Corroero, A. N., II, Byers, S. J., Massura, C. E., & Nielson, K. A. (2015, March). A

study of weak associates: Does arousal attenuate false recognition? Poster

presented at the inaugural conference of the International Convention of

Psychological Science, Amsterdam, The Netherlands.

2. Paitel, E. R., Corroero, A. N., II, Figueroa, C. M., Hazlett Elverman, K., & Nielson, K.

A. (2017, April). Early detection of cognitive decline using ERPs:

Apolipoprotein-E  $\epsilon$ 4 and alexithymia significantly predict frontal lobe dysfunction

in healthy elders. Poster presented at the 4th International Conference Aging &

Cognition / 2nd Conference of the European Cognitive Ageing Society, Zurich, Switzerland.

3. Correro, A. N., II, Paitel, E. R., Figueroa, C. M., Hazlett Elverman, K., & Nielson, K. A. (2017, April). The role of alexithymia, age, and Apolipoprotein-E ?4 in detecting early parietal lobe dysfunction in healthy elders. Poster presented at the

Cognitive Ageing Society, Zurich, Switzerland.

4. Guastello, S. J., Marra, D. E., Correro, A., Michels, M., & Schimmel, H. (2017, June). Elasticity and rigidity constructs and ratings of subjective workload for individuals and groups. Paper presented at the 1st International Symposium on Human Mental Workload: Models and Applications, Dublin, Ireland.

5. Paitel, E. R., Correro, A. N., II, & Nielson, K. A. (2018, October). Differential impact of Apolipoprotein-E ?4 and Alzheimer's disease family history on semantic memory ERPs in healthy older adults. Poster presented at the 58th annual meeting of the Society for Psychophysiological Research, Quebec City, Canada.

6. Correro, A. N., II, Paitel, E. R., & Nielson, K. A. (2018, October). The role of

Apolipoprotein-E and alexithymia in N200 amplitudes during inhibitory control in healthy elders. Poster presented at the 58th annual meeting of the Society for Psychophysiological Research, Quebec City, Canada.

7. Correro, A. N., II, Paitel, E. R., & Nielson, K. A. (2019, April). Early event-related potentials during response inhibition in older adults demonstrate added neural recruitment attributable to alexithymia. Poster presented at the 5th International Ageing Society, Zurich, Switzerland.

8. Paitel, E. R., Correro, A. N., II, & Nielson, K. A. (2019, April). Event-related potentials during inhibitory control suggest bilateral age-related neural recruitment. Plenary talk presented at the 5th International Conference Aging & Cognition 2019 / 3rd Conference of the European Cognitive Ageing Society Zurich, Switzerland.

## **MEDICAL COLLEGE TEACHING ACTIVITIES:**

### **Resident and Fellow Education**

11/18/2022 Overview of Neuropsychology, Neurology Academic Half Day

### **Postdoctoral Fellow Education**

09/20/2022 Cultural Competence in Assessment, Neuropsychology Seminar

09/22/2022 Working with LGBTQ+ Patients, Neuropsychology Seminar

## **EXTRAMURAL TEACHING:**

### **Graduate Student Education**

08/2018 - 05/2019 Marquette University, Psychological Assessment I (Child) & II (Adult)

### **Nursing Student Education**

08/2016 - 05/2017 Marquette University, Introduction to Life-Span Developmental Psychology for Nursing Students

## **PROGRAMMATIC DEVELOPMENTS:**

### **Clinical Programs**

08/2019 - 07/2020 Integration of My Life, My Story clinical program into the Interdisciplinary Transgender Treatment Team, VA Boston Healthcare System, Boston, MA

## BIBLIOGRAPHY

### **Refereed Journal Publications/Original Papers**

1. Brouillette RM, Foil H, Fontenot S, Corroero A, Allen R, Martin CK, Bruce-Keller AJ, Keller JN. Feasibility, reliability, and validity of a smartphone based application for the assessment of cognitive function in the elderly. *PLoS One*. 2013;8(6):e65925. PMID: PMC3679011
2. Nielson KA, Corroero AN 2nd. Post-learning arousal enhances veridical memory and reduces false memory in the Deese-Roediger-McDermott paradigm. *Neurobiol Learn Mem*. 2017 Oct;144:198-207.
3. Guastello SJ, Corroero AN, Marra DE. Do emergent leaders experience greater workload? The swallowtail catastrophe model and changes in leadership in an emergency response simulation *Group Dynamics*. December 2018;22(4):200-222.
4. Guastello SJ, Corroero AN 2nd, Marra DE. Cusp catastrophe models for cognitive workload and fatigue in teams. *Appl Ergon*. 2019 Sep;79:152-168.
5. Guastello SJ, Corroero AN, Marra DE, Peressini AF. Physiological Synchronization and Subjective Workload in a Competitive Emergency Response Task. *Nonlinear Dynamics Psychol Life Sci*. 2019 Jul;23(3):347-376.
6. Corroero AN 2nd, Nielson KA. A Review of Minority Stress as a Risk Factor for Cognitive Decline in Lesbian, Gay, Bisexual, and Transgender (LGBT) Elders. *J Gay Lesbian Ment Health*. 2020;24(1):2-19. PMID: PMC7531820
7. Umfleet LG, Butts AM, Janecek JK, Reiter K, Agarwal M, Brett BL, Ryan JJ, Reuss J, Klein A, Corroero AN, Franczak M. Memory Performance and Quantitative Neuroimaging Software in Mild Cognitive Impairment: A Concurrent Validity Study. *J Int Neuropsychol Soc*. 2020 Nov;26(10):954-962.
8. Corroero AN 2nd, Paitel ER, Byers SJ, Nielson KA. The role of alexithymia in memory and executive functioning across the lifespan. *Cogn Emot*. 2021 May;35(3):524-539. PMID: PMC7047630
9. Anderson E, Eleazer JR, Kristensen Z, St Amand CM, Baker AM, Corroero AN 2nd, Cottingham ME, Hinrichs KLM, Parmenter BA, Stelmokas J, Trittschuh EH. Affirmative neuropsychological practice with transgender and gender diverse individuals and communities. *Clin Neuropsychol*. 2022 Jun 01:1-19.
10. Manca R, Corroero AN 2nd, Gauthreaux K, Flatt JD. Divergent patterns of cognitive deficits and structural brain alterations between older adults in mixed-sex and same-sex relationships. *Front Hum Neurosci*. 2022;16:909868. PMID: PMC9479099
11. Reiter K, Butts AM, Janecek JK, Corroero AN, Nencka A, Agarwal M, Franczak M, Glass Umfleet L. Relationship between cognitive reserve, brain volume, and neuropsychological performance in amnesic and nonamnesic MCI. *Neuropsychol Dev Cogn B Aging Neuropsychol Cogn*. 2022 Dec 26:1-17.
12. Corroero AN 2nd, Hinrichs KLM, Krishnan MC, Cottingham ME, Trittschuh EH, Parmenter BA, Kang J, Stelmokas J. Neuropsychological assessment with lesbian, gay, bisexual, transgender, and queer/questioning (LGBTQ+) individuals: Practice, education, and training survey. *Clin Neuropsychol*. 2022 Dec 02:1-43.
13. Corroero AN, Hinrichs KLM, Nathan S. My Life, My Story and Identity Disclosure Among Transgender and Gender Diverse Veterans: A Program Evaluation *Transgender Health*. 1 November 2022;7(6):556-560.

### **Books, Chapters, and Reviews**

1. Guastello SJ, Marra DE, Corroero AN, Michels M, Schimmel H. Elasticity and rigidity constructs and ratings of subjective workload for individuals and groups. In L. Longo & M. C. Leva (Eds.), *Human mental workload: Models and applications* (pp. 51-76). Cham, Switzerland: Springer. [https://doi.org/10.1007/978-3-319-61061-0\\_4](https://doi.org/10.1007/978-3-319-61061-0_4)

### **Abstracts**

1. Corroero, A. N., II, Gauthreaux, K., Perales-Puchalt, J., Flatt, J., & Kukull, W. A. (2022). Cognitive aging with dementia, mild cognitive impairment (MCI), or no impairment: A comparison of same- and other-sex couples. [Abstract]. *Alzheimer's & Dementia*, 17(S10), e054864. <https://doi.org/10.1002/alz.054864>

### **Non-Peer Reviewed Educational Products**

1. Corroero, A. N., II, & Coracides, P. (2022). Executive summary: The LGBT Detroit 2022 needs assessment survey.