

Exploring the Intersection: Current Research on LGBTQIA+ Populations & Alzheimer's Disease & Related Dementias



Jace Flatt, PhD, MPH

Associate Professor

Pronouns: He/They



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1

1

OUR TIME TODAY



- Terminology
- Why Inclusion Matters
- Alzheimer's Disease & Related Dementia Research
- Collecting Sexual Orientation, Sex Assigned at Birth, and Gender Identity
- Current Research
- Q & A



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2

2

Sexual minority – individuals who self-identify as **asexual, bisexual, gay, lesbian, queer**, as well as those who do not self-identify with these terms but whose sexual orientation varies from heterosexual

Gender minority – individuals who self-identify as **transgender & non-binary**, as well as those with a gender identity and/or expression that does not conform to social & cultural expectations based on the sex assigned to them at birth.

Cisgender - a term used to describe people whose gender identity aligns with the sex assigned to them at birth.

2016
 Sexual & Gender Minorities Formally Designated as a Health Disparity Population for Research Purposes by NIMHD

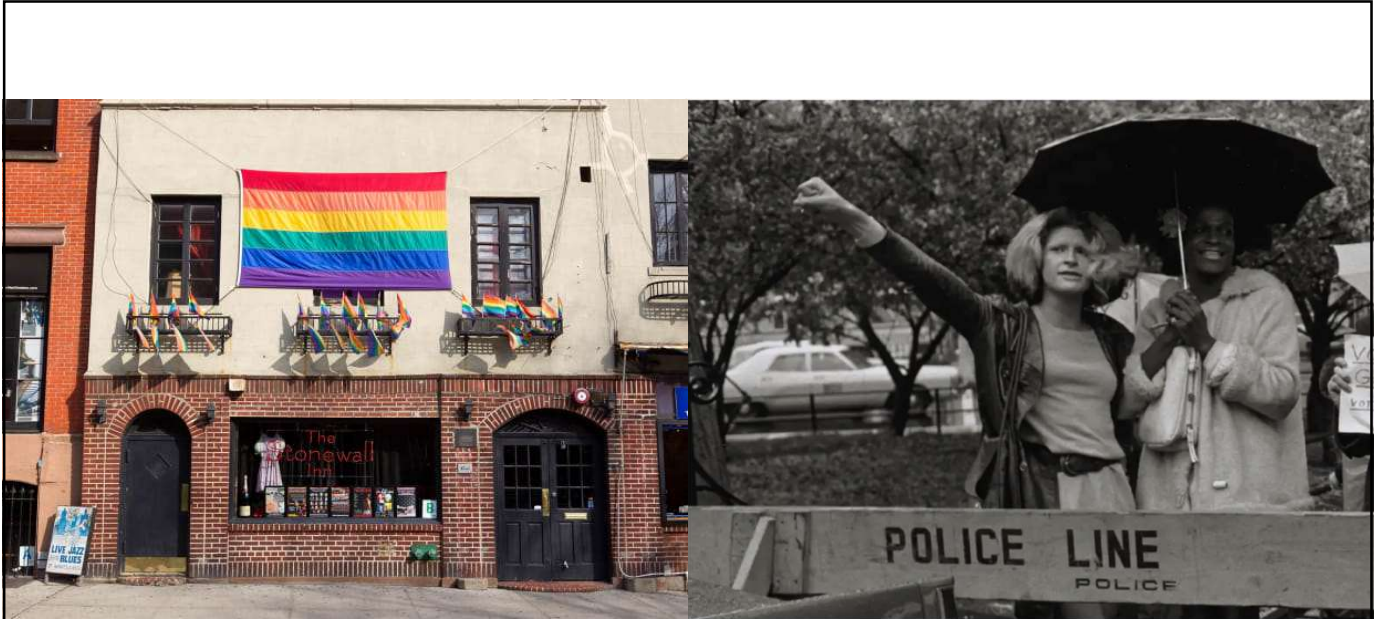
https://www.nimhd.nih.gov/about/directors-corner/messages/message_10-06-16.html

Sexual orientation & gender identity may evolve over the lifespan.

PRIDE *understanding*

L	G	B	T	T	Q	Q	I	A	A	P
Lesbian A woman who is primarily attracted to women.	Gay A man who is primarily attracted to men; sometimes a broad term for individuals primarily attracted to the same sex.	Bisexual An individual attracted to people of their own and opposite gender.	Transgender A person whose gender identity differs from their assigned sex at birth.	Transexual An outdated term that originated in the medical and psychological communities for people who have permanently changed their gender identity through surgery and hormones.	Queer An umbrella term to be more inclusive of the many identities and variations that make up the LGBTQ+ community.	Questioning The process of exploring and discovering one's own sexual orientation, gender identity and/or gender expression.	Intersex An individual whose sexual anatomy or chromosomes do not fit with the traditional markers of "female" and "male."	Ally Typically a non-queer person who supports and advocates for the queer community; an individual within the LGBTQ+ community can be an ally for another member that identifies differently than them.	Asexual An individual who generally does not feel sexual desire or attraction to any group of people. It is not the same as celibacy and has many sub-groups.	Pansexual A person who experiences sexual, romantic, physical and/or spiritual attraction to members of all gender identities/expressions, not just people who fit into the standard gender binary.

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Marsha P. Johnson & Sylvia Rivera led the fight for LGBTQIA+ equality in the early hours of June 28, 1969

- DSM: Historical & current pathologizing of sexual orientations (1973) & gender dysphoria/gender identity disorder (2013)
- 1947 Sex Perversion Elimination Act, Lavender Scare, 1969 Stonewall Riots, HIV/AIDS epidemic, The Equality Act, Growing Anti-Transgender Legislation & Hate Crimes
- Lack protections for basic human rights (e.g., housing, employment, healthcare)
- Intersecting & compounding effects of discrimination for intersecting marginalized identities (SGM status + racial/ethnic minority, serostatus, disability)

CORNERSTONES OF SUCCESSFUL AGING

- ECONOMIC SECURITY
- SOCIAL CONNECTIONS
- HEALTH AND WELL-BEING

KEY CHALLENGES FOR LGBT OLDER ADULTS

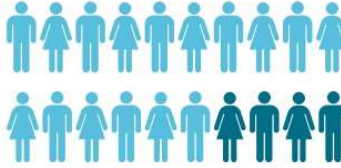
- A LIFETIME OF DISCRIMINATION AND LACK OF LEGAL AND SOCIAL RECOGNITION
- A RELIANCE ON CHOSEN FAMILY
- A LACK OF COMPETENT INCLUSIVE HEALTHCARE

2.7 MILLION LGBT ADULTS AGED 50 AND OLDER

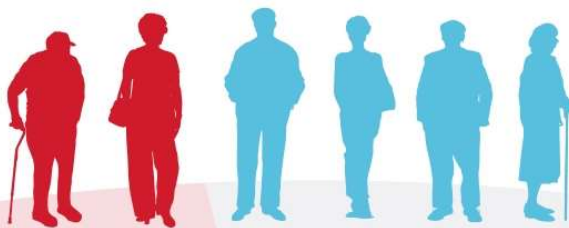
1.1 MILLION ARE 65 AND OLDER



APPROXIMATELY **ONE IN FIVE** (20%) LGBT OLDER ADULTS ARE PEOPLE OF COLOR



ONE-THIRD OF LGBT OLDER ADULTS LIVE AT OR BELOW 200% OF THE FEDERAL POVERTY LEVEL



- Lifetime exposure to stigma, discrimination, & trauma
- Health disparities (poor health, depression, disability)
- Less likely to be married or have children
- 2X as likely to report healthcare discrimination
- 2-3X as likely to live alone
- Little to no caregiver support
- Barriers to healthcare access & use



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ALZHEIMERSBLOG.ORG
Alzheimer's and the Stonewall Generation
 Alzheimer's and the Stonewall Generation by Michelle Johnston · Published...

ADVOCATE.COM
UCSF Receives Six-Figure Grant to Investigate Dementia in LGBTQ Elders

HORNET.COM
How Common is Dementia Among LGBT Seniors? A New Study Bears Interesting Results

RESEARCH ON LGBTQIA+ POPULATIONS & ADRD



NPR.ORG
LGBTQ Americans Could Be At Higher Risk For Dementia, Study Finds

STATNEWS.COM
LGBT people more likely than counterparts to report memory problems, survey finds

HEART.ORG
Older LGBTQ adults face unique challenges in giving and receiving care



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SUBJECTIVE COGNITIVE DECLINE
AMONG LESBIAN, GAY, BISEXUAL, TRANSGENDER (LGBT) ADULTS

2015–2018 Behavioral Risk Factor Surveillance System (BRFSS) Data from Lesbian, Gay, Bisexual, Transgender (LGBT) Adults in 25 States: People Aged 45 Years and Older

Received: 16 February 2021 | Revised: 25 May 2021 | Accepted: 20 June 2021 | Published online: 24 July 2021
DOI: 10.1002/trc2.12197

RESEARCH ARTICLE

Translational Research
Clinical Interventions

1 in 7 people aged 45 years and older are experiencing Subjective Cognitive Decline

SCD is self-reported MEMORY PROBLEMS that have been GETTING WORSE over the past year.

36% of people with SCD had to give up day-to-day activities

one in three of people with SCD say it interfered with social activities, work or volunteering

80% of people with SCD have at least one chronic condition

less than half of people with SCD have discussed their symptoms with a healthcare provider

36% of people with SCD need help with household tasks

15.7% (13.1-18.2) vs 10.5% (10.1-10.9)

LGBTQIA+ Non-LGBTQIA+

Jason D. Flatt¹ | Ethan C. Cicero² | Nickolas H. Lambrou³ | Whitney Wharton² | Joel G. Anderson⁴ | Erin D. Bouldin^{5,6} | Lisa C. McGuire⁵ | Christopher A. Taylor⁵

Study supported by NIA - K01AG056669 (Flatt)

CDC
U.S. Department of Health and Human Services
Centers for Disease Control and Prevention
alzheimer's association
cdc.gov/aging
BRFSS

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11

Subjective Cognitive Decline by LGBTQIA+ Identity, BRFSS 2015–2018

Variable	Weighted N	% (95% CI)
Heterosexual, cisgender, male	2,851,764	10.8 (10.2-11.5)
Heterosexual, cisgender, female	3,223,616	10.5 (10.0-11.0)
Lesbian, cisgender female	52,752	16.8 (10.4-23.1)
Gay, cisgender male	53,632	11.2 (7.6-14.9)
Bisexual, cisgender individual	104,670	17.6 (12.9-22.3)
Another sexual orientation, cisgender male & female	43,580	16.5 (7.8-25.3)
Transgender individuals (all sexual orientations)	40,363	17.3 (10.5-24.1)

12

- More reported giving up day-to-day activities (47.9% vs. 38.2%)
- More reported needing help with household tasks (57.9% vs. 49.1%)
- More reported it interfered with being able to social activities, work, or volunteering (57.9% vs. 49.1%)
- > 50% did not talk to their health care provider about their symptoms



Journals of Gerontology: Social Sciences
 cite as: *J Gerontol B Psychol Sci Soc Sci*, 2023, Vol. XX, No. XX, 1–9
<https://doi.org/10.1093/geronb/gbad012>
 Advance Access publication January 23, 2023

OXFORD

Research Article

Transgender Adults From Minoritized Ethnoracial Groups in the U.S. Report Greater Subjective Cognitive Decline

Ethan C. Cicero, PhD, RN,^{1,*} Elle Lett, PhD, MA,^{2,3} Jason D. Flatt, PhD, MPH,^{4,•} G. Perusi Benson, BS,⁵ and Fayron Epps, PhD, RN, FAAN^{1,•}

Flatt et al (2022)	Minoritized Ethnoracial Transgender	White Transgender	Minoritized Ethnoracial Cisgender	White Cisgender
17%	22%	15%	12%	9%



Ethan Cicero, PhD, RN
 Assistant Professor
 Nell Hodgson Woodruff
 School of Nursing
 Emory University

- Ethnoracial included American Indian or Alaska native, Asian, Black, Hispanic/Latino, Multiracial, other race



Co-mentoring on NIA K23AG084851 & Alzheimer's Association (AARG-D-NTF)



PLOS ONE

RESEARCH ARTICLE

A national study on the physical and mental health of intersex adults in the U.S.

Amy Rosenwohl-Mack^{1*}, Suegee Tamar-Mattis^{1,2}, Arlene B. Baratz^{2,3}, Katharine B. Dalke⁴, Alesdair Ittelson², Kimberly Zieselman², Jason D. Flatt^{1,5}



- 2018 national health study of intersex adults aged 18 & older in the U.S.
- Questions from BRFSS & intersex-related health studies
- Community Based Participatory Research approaches
- N=198



41%
Intersex adults aged 40+ (n=71) reported problems with memory & concentration

Study supported by UCSF School of Nursing (Flatt)

LGBT OLDER ADULTS AND DEMENTIA

Age is the greatest risk factor for Alzheimer's disease
An estimated **2.7million** LGBT people are over age 50

LGBT people have greater health disparities, many of which are risk factors for dementia, including:

- Depression
- Obesity
- Alcohol and tobacco
- Lower rates of preventive screenings
- Cardiovascular disease
- HIV/AIDS

7.4% of the lesbian, gay and bisexual older adult population is living with dementia

LGBT adults living with dementia face unique challenges in accessing support:

- 40%** report that their support networks have become smaller over time
- 34%** live alone
- Up to **30%** experience lower rates of access to care

Alzheimer's is the most expensive disease in the nation
51% of LGBT older people report being very concerned about having enough money to live on

Fear of discrimination can delay access to care
40% say their health care providers don't know their sexual orientation

alzheimer's association | sage Advocacy & Services for LGBT Elders | We refuse to be invisible

Source: Alzheimer's Association and SAGE, Issues Brief: LGBT and Dementia; Jason Flatt, PhD, MPH, et al. Dementia Prevalence Among Sexual Minority Older Adults; Funder: U.S. National Institute on Aging; Harvinder Bhoksa-Mooney, MD, et al. Modern Survival in Memory Clinic: Culture & Clinic; Emma Wang, PhD, et al. Dementia Prevalence in Memory Clinic; SAGE, Issues Brief: LGBT and Dementia; Funder: U.S. National Institute on Aging; Yoonhee Laung, PhD, et al. 100 Years and Beyond: Investigating the Prevalence of Dementia in Centenarians and Near-Centenarians from 17 Population-Based Studies; Funder: The Dementia Research Institute.

Supported by NIA - K01AG056669 (Flatt)

Dementia Prevalence in 2007

Kaiser: Research Program for Genes, Environment & Health

7.4% vs. 8.9%
Sexual Minority vs. Heterosexual

Dementia diagnosed at younger age

Sexual Minority: 81.4 years
Heterosexual: 82.7 years

23% higher odds of dementia for lesbian & bisexual women vs. heterosexual women

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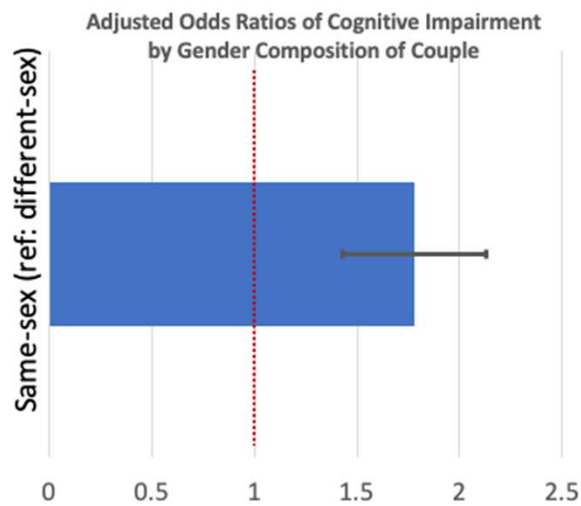
Disparities in health condition diagnoses among aging transgender and cisgender medicare beneficiaries, 2008-2017

Transgender Women	20.2%
Transgender Men	21.3%
Cisgender Men	12.3%
Cisgender Women	13.6%

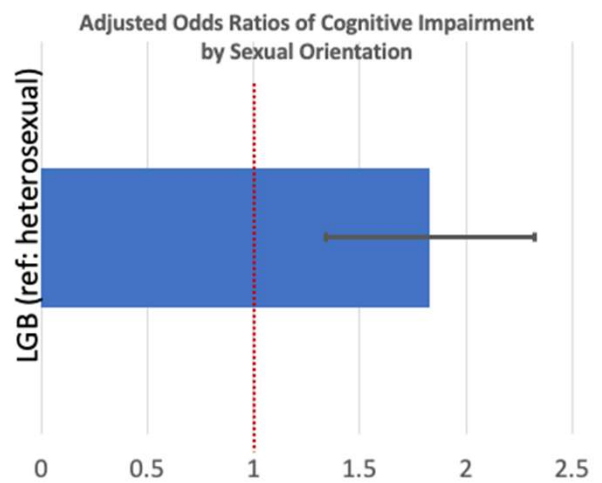
Jaclyn M. W. Hughto^{1,2,3*}, Hiren Varma^{4,5}, Gray Babbs^{4,5}, Kim Yee⁶, Ash Alpert^{4,5,7}, Landon Hughes^{8,9}, Jacqueline Ellison^{10,11}, Jae Downing⁶ and Theresa I. Shireman^{4,5}



HRS 2000-16



NSHAP 2015-16





Nickolas Lambrou, PhD, MS
Scientist
University of Wisconsin-Madison
Department of Medicine

Center for Aging in
Diverse Communities



Study supported by NIA RCMAR - P30AG015272 (Flatt)

Article

Subjective Cognitive Decline Associated with Discrimination in Medical Settings among Transgender and Nonbinary Older Adults

Nickolas H. Lambrou¹, Carey E. Gleason^{1,2,3}, Juno Obedin-Maliver^{4,5,6}, Mitchell R. Lunn^{4,6,7},
Annessa Flentje^{8,9}, Micah E. Lubensky⁸ and Jason D. Flatt^{10,11,*}

Key Points:

- Measures from HRS were included in The Pride Study
- TNB Elders reporting higher rates of SCD compared to general population.
- TNB elders with SCD were more likely to report discrimination in medical settings.
- **Discriminatory practices are barriers in healthcare and medical settings**



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19

19

JOURNAL ARTICLE ACCEPTED MANUSCRIPT

Perceived Discrimination in Healthcare for LGBTQIA+ People Living with Parkinson's Disease

Get access >

Ece Bayram, MD, PhD ✉, Alexandra J Weigand, Jason D Flatt, PhD, MPH

The Journals of Gerontology: Series B, gbad046, <https://doi.org/10.1093/geronb/gbad046>

Published: 10 March 2023 Article history ▾

- LGBTQIA+ people living with Parkinson's disease reported highest frequency of perceived discrimination in healthcare
- **Discrimination higher for cisgender, heterosexual women and LGBTQIA+ people living with PD** compared with cisgender, heterosexual men

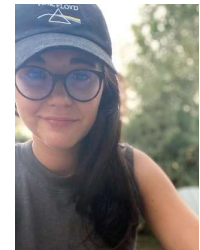


Table 2. Discrimination in Medical Settings Scale.

You are treated with less courtesy than other people.
You are treated with less respect than other people.
You receive poorer service than others.
A doctor or nurse acts as if he or she thinks you are not smart.
A doctor or nurse acts as if he or she is afraid of you.
A doctor or nurse acts as if he or she is better than you.
You feel like a doctor or nurse is not listening to what you were saying.

FOX
INSIGHT
YOUR EXPERIENCE FUELING RESEARCH



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20

20

CAREGIVING

AMONG LESBIAN, GAY, BISEXUAL, TRANSGENDER (LGBT) ADULTS

2015–2018 Behavioral Risk Factor Surveillance System (BRFSS) Data from Lesbian, Gay, Bisexual, Transgender (LGBT) Adults in 20 States

1 in 4 adults are caregivers

CAREGIVERS provide regular care or assistance to a FRIEND or FAMILY member with a health problem or disability

WHO ARE CAREGIVERS?

43% are women

less than 10% are 65 years old or older

43% are caring for a parent or parent-in-law

Nearly 10% are providing care for someone with dementia

CAREGIVING CAN BE

LENGTHY
Over 40% have provided care for at least two years

INTENSE
30% are providing care for at least 20 hours per week

HOW DO CAREGIVERS HELP?

8 in 10 manage household tasks

Over half assist with personal care

FUTURE CAREGIVERS

1 in 5 NON-CAREGIVERS expect to BECOME CAREGIVERS within 2 years

LGBT Concerns About Long Term Care

76% are concerned about having adequate family and/or social supports to rely on as they age.

67% neglect

61% limited access to services

60% verbal or physical harassment

52% will be forced to hide/deny identity

LGBT Adults Want Welcoming Long-Term Care Services Designed for Them

88% want LGBT trained providers

86% want advertising for LGBT friendly services

85% want providers that are also LGBT

82% want LGBT signs displayed onsite

The three most common concerns for LGBTQ caregivers are:

64% feeling emotionally stressed

60% finding it difficult to exercise

57% finding it difficult to get enough rest

54% are parents or grandparents

82% are concerned about having adequate family and/or social supports to rely on as they age

63% have provided caregiving to an adult loved one such as a relative, friend, spouse or partner

61% think it is likely they will be a caregiver to a loved one in the future

23% have received caregiving as an adult from a loved one such as a relative, friend, spouse or partner

66% think it is likely they will need caregiving from a loved one in the future

Source: Maintaining Dignity: A Survey of LGBT Adults Age 45-plus, March 2018 (www.aarp.org/lgbtsurvey/, https://doi.org/10.26434/chem.00217.004 Contact: Angela Houghton, AARP Research, ahoughton@aarp.org

Dignity 2022: The Experience of LGBTQ Older Adults, June 2022 https://www.aarp.org/LGBTQdignity ©2022 AARP ALL RIGHTS RESERVED

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Characteristics of Sexual and Gender Minority Caregivers of People With Dementia

Journal of Aging and Health 2021, Vol. 0(0) 1–14
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DOI: 10.1177/08982643211014767
journals.sagepub.com/home/jah
SAGE

Joel G. Anderson, PhD, CHTP, FGSA¹, Jason D. Flatt, PhD, MPH², Jennifer M. Jabson Tree, PhD, MPH³, Alden L. Gross, PhD, MHS⁴, and Karen M. Rose, PhD, RN, FGSA, FAAN⁵

- 1 in 3 living in a small town/rural area
- 63% providing care to SM person living with dementia
- 1 in 5 were providing care to a GM person living with dementia
- 1 in 3 found it difficult to afford the very basics
- Most cared for their spouse/partner
- Average of 2 years providing care
- More than half did not live with their care recipient
- Most did not use respite or transportation services

Study supported by NIA R03AG058528 (Anderson)

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“Going Back in the Closet”: Addressing Discrimination Against Sexual and Gender Minority Residents in Long-Term Services and Supports by Providing Culturally Responsive Care

B. R. Simon Rosser PhD, MPH^a, Tetyana Shippee PhD^b, Morgan M. Wright MPH^a, Cailynn Aumock^a, Rajean Moone PhD^c, Kristine M.C. Talley APRN, CNP, PhD^d, Phil Duran JD^e, Carrie Henning-Smith PhD, MPH, MSW^b, Sean Cahill PhD^f, Jason D. Flatt PhD, MPH^g, Jaime Slaughter-Acey PhD^h, Samuel Greenwald MS^b, Teresa McCarthy MD, MS^b, and Michael W. Ross MD, PhD^h



B.R. Simon Rosser, PhD, MPH
Professor
Division of Epidemiology & Cmty Health
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School of Public Health



Tetyana Shippee, PhD
Professor
Division of Health Policy & Mgmt
University of Minnesota
School of Public Health

Aim 1: To identify policy related barriers and facilitators to providing SGM with AD/ADRD culturally responsive care in residential LTSS.

Aim 2: To design and develop a theoretically sound, nationally scalable, online, comprehensive, interactive, tailored curriculum for LTSS that provide care for SGM with AD/ADRD.

Aim 3: To evaluate the effects of an online versus in-person LTSS training program in the culturally responsive care of SGM with AD/ADRD.

NIA 5R01AG075734 MPI Rosser/Shippee

<https://www.sph.umn.edu/news/study-to-examine-lgbtq-policies-and-training-in-long-term-care-communities/>

LGBTQ senior day program launches
Since moving back to San Francisco in the mid-1990s after relocating to...

Jarmin Yeh, PhD , MSW, MPH
Associate Professor
University of California
San Francisco
School of Nursing
Institute for Health & Aging

housing, services, and community for LGBTQ seniors
openhouse
on LOK
where seniors embrace life

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Collecting SOGI – Sexual Orientation & Gender Identity

- NASEM report (2022) provided foundation for recommendations
- National Alzheimer’s Coordinating Center - UDS 4.0

<https://nap.nationalacademies.org/catalog/26424/measuring-sex-gender-identity-and-sexual-orientation>

Flatt, J. D., & Cicero, E. C. (2023). Advancing equity in Alzheimer’s disease and mental health research for LGBTQIA+ older adults. *Nature Mental Health*, 1(6), 385-387.

INITIAL VISIT PACKET UNIFORM DATA SET (UDS) VERSION 4.0

Form A1: Participant Demographics

Inperson Remote Participant ID: _____ Form date: ____/____/____
 ADRC name: _____ Examiner's initials: _____ Language: English Spanish

INSTRUCTIONS: This form may be completed by intake interviewer based on ADRC scheduling records, participant interview medical records, and proxy or participant report (as needed). The information can be collected by mail-in survey, electronic capture, web-based, phone or video interview, or during the in-person visit to accommodate and ensure participant self-choices. For additional clarification and examples, see the UDS Coding Guidebook, Form A1. Check only **one** box per question unless otherwise specified.

Section 1 – Demographics

1. What is your month and year of birth (MM/YYYY)? ____/____/____
 - 2a. White
 - 2b. Black or African American
 - 2c. American Indian or Alaska Native (AIAN)
 - 2d. Native Hawaiian or other Pacific Islander
 - 2e. Asian
 - 2f. Hispanic
 - 2g. Other (SPECIFY): _____
 - 2h. Don't know
3. Which term(s) best describes your current gender identity? (Check all that apply)
 - 3a. Man
 - 3b. Woman
 - 3c. Transgender man
 - 3d. Transgender woman
 - 3e. Non-binary/genderqueer
 - 3f. Two-Spirit (if you are AIAN)
 - 3g. I use a different term (SPECIFY): _____
 - 3h. Don't know
 - 3i. Prefer not to answer
4. What sex were you assigned at birth, on your original birth certificate?
 - 4a. Male
 - 4b. Female
 - 4c. Don't know
 - 4d. Prefer not to answer
5. Have you ever been diagnosed by a medical doctor or other health professional with an intersex condition or a "Difference of Sex Development" (DSD) or were you born with or developed naturally in puberty genital, reproductive organs, and/or chromosomal patterns that do not fit standard definitions of male or female?
 - 5a. No
 - 5b. Yes
 - 5c. Don't know
 - 5d. Prefer not to answer
6. Which term(s) best describes your sexual orientation? (Check all that apply)
 - 6a. Lesbian or gay
 - 6b. Straight/heterosexual
 - 6c. Bisexual
 - 6d. Two-Spirit (if you are AIAN)
 - 6e. I use a different term (SPECIFY, e.g., asexual, queer, questioning): _____
 - 6f. Don't know
 - 6g. Prefer not to answer

25

PARTICIPATE IN A GROUP INTERVIEW ON WAYS TO MAKE RESEARCH MORE INCLUSIVE

RECEIVE A \$25 GIFT CARD

- Open to all adults in the U.S. aged 18+
- Self-identify as an LGBTQIA+ person who is experiencing memory loss or has a diagnosis of Alzheimer's Disease and Related Dementias
- Study involves participating in a one-time 45 to 75-minute group interview
- Participation in research is **voluntary** and all information will be kept **private**

LOOK UP BY CALLING US AT 702-895-1021

PRIDE

Participate in a study on health & healthcare needs of LGBTQIA+ people living with Parkinson's Disease

Open to all adults living with Parkinson's Disease & their care partners

Study involves participating in a one-time 45-minute survey

Response is voluntary & all information will be kept private

Receive a \$25 Visa E-gift card

Complete the survey by calling: 1-888-709-7689

Research study seeking racial/ethnic minority, and LGBTQIA+ caregivers of someone with memory loss.

Please consider taking part in our research study. Open to all caregivers of someone with memory loss, including physical, mental, and social health, related to being a caregiver, minority, and LGBTQIA+ caregiver to someone with memory loss. You are eligible if you meet all of the following criteria:

- Identify as a racial/ethnic minority
- Identify as LGBTQIA+
- Ability to complete an interview for no longer than 2 hours, either in English or Spanish
- Ability to confirm you provide care to someone with memory loss using a brief screening tool

Exclusion criteria: Current and severe substance use disorder, cognitive disorders, and/or inability to provide oral consent.

Receive a \$50 e-gift card!

PRIDE Parkinson's Research

WITH INCLUSION, DIVERSITY & EQUITY

Participate in a study on health & healthcare needs of LGBTQIA+ people living with Parkinson's Disease

- Open to all adults living with Parkinson's Disease & their care partners
- Study involves participating in a one-time 45-minute survey
- Participation is voluntary & all information will be kept private
- Receive a \$25 gift card

QUESTIONS? CONTACT THE PRINCIPAL INVESTIGATOR, JASON FLATT, PhD, MSW (702) 895-5586

This study is supported by the Michael J. Fox Foundation for Parkinson's Research

RISE

Research Inclusion Supports Equity

What is RISE?

RISE is a research study being conducted by Emory University, the University of Nevada, Las Vegas, and the University of Tennessee. Known as RISE, it includes a registry created to help ensure the LGBTQIA+ community is represented in Alzheimer's research.

What is the RISE Registry?

The RISE registry is a national effort designed to connect participants to LGBTQIA+ friendly resources and opportunities in research.

Who is the RISE Registry for?

The registry is for LGBTQIA+ people 18 and older who:

- have memory concerns or a memory loss diagnosis
- are helping care for someone with memory loss

How do I register?

Use the QR code to register at www.riseregistry.org and visit TheRainbowing.org to learn more.

PRIDE

RESEARCH INCLUSION SUPPORTS EQUITY

Research study seeking adults living with Parkinson's Disease & their care partners

This study is supported by the Michael J. Fox Foundation for Parkinson's Research

This study – to better understand the health and healthcare needs of people living with Parkinson's Disease – involves participating in a one-time 45-minute survey. Participation is voluntary & all information will be kept private.

Complete the survey by calling: 1-888-709-7689

Receive a \$25 Visa gift card!

CURRENT RESEARCH

Cuidas de alguien con pérdida de memoria?

¿Considera tomar parte en nuestro estudio de investigación? Queremos que nos ayudes a entender en línea a por qué. Nuestro estudio es sobre la experiencia de cuidar a alguien con pérdida de memoria y cómo eso afecta a alguien con pérdida de memoria cuidando una persona con pérdida de memoria.

¿Qué es este estudio?

- Se identifica como LGBTQIA+
- Capacidad para completar una entrevista de no más de 2 horas. Disponible en inglés o español.
- Capacidad para confirmar que cuida a alguien con pérdida de memoria cuidando una persona con pérdida de memoria.

¿Preguntas?

Contáctanos al investigador Principal: krytal@rainbowsfaging.org

¡Recibe un \$50 Tarjeta de regalo por participar!

The Stonewall Generations Study

Research study seeking adults living with Parkinson's Disease & their care partners

This study – to better understand the health and healthcare needs of people living with Parkinson's Disease – involves participating in a one-time 45-minute survey. Participation is voluntary & all information will be kept private.

Complete the survey by calling: 1-888-709-7689

Receive a \$25 Visa gift card!

PRIDE

RESEARCH INCLUSION SUPPORTS EQUITY

Research study seeking adults living with Parkinson's Disease & their care partners

This study is supported by the Michael J. Fox Foundation for Parkinson's Research

This study – to better understand the health and healthcare needs of people living with Parkinson's Disease – involves participating in a one-time 45-minute survey. Participation is voluntary & all information will be kept private.

Complete the survey by calling: 1-888-709-7689

Receive a \$25 Visa gift card!

The Stonewall Generations Study

Participate in research about memory, thinking and health

Open to all adults 50 and older

- Voluntary
- All participant information will be kept private
- Receive a \$25 gift card

Interested in participating? Call the 800 number before to complete a 3-minute 45-minute survey and receive a \$25 gift card

Contact the Principal Investigator, Jason Flatt, PhD, MPH, at 702-895-5586

1-833-966-6974

LGBTQIA+ PARTICIPANTS NEEDED

Researchers at the UNLV School of Public Health are conducting a community needs assessment of issues impacting LGBTQIA+ Nevadans ages 18+.

BIT.LY/LGBTQNV

SCAN THE QR CODE TO PARTICIPATE!

Let's Rise Together

Research Inclusion Supports Equity

www.riseregistry.org

Contact the Principal Investigator, Jason Flatt, PhD, MPH, at 702-895-5586

26

Rainbows of Caring

Aim 1: Identify & explore domains of ADRD caregiving for SGM ADRD caregivers

Aim 2: Develop & refine new measures of ADRD caregiving for SGM ADRD caregivers

Aim 3: Test the new and existing measures with SGM and non-SGM ADRD caregivers



Supported by NIH/NIA R01AG083177 (Flatt/Anderson/Dowling) - 8/2023-4/2028



www.rainbowsofaging.org

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Research Inclusion Supports Equity



www.theriseregistry.org

Join the registry -

<https://is.gd/RISEREGISTRY>

Supported by NIH/NIA R24AG066599 (Wharton, Flatt, Anderson)



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The Stonewall Generations Study

WHAT IS THIS STUDY ABOUT?

- Memory, thinking, and health

WHO IS THIS STUDY FOR?

- All adults over 50 years of age
- Self-identify as LGBTQIA+ or non-LGBTQIA+
- Speaks English

INTERESTED IN PARTICIPATING? CALL THE 800 NUMBER BELOW TO COMPLETE A 1-TIME 45 MINUTE SURVEY AND RECEIVE A \$25 GIFT CARD

FOR MORE INFO: CONTACT THE PRINCIPAL INVESTIGATOR, JASON FLATT, PH.D, MPH

rainbowsofaging@unlv.edu

1-833-966-6974

ALZHEIMER'S ASSOCIATION®

www.rainbowsofaging.org

UNLV SCHOOL OF PUBLIC HEALTH

Aim 1: Recruit a diverse sample of LGBTQIA+ (n=250) and non-LGBTQIA+ (n=250) older adults

Aim 2: Compare differences in cognitive function among LGBTQIA+ and non-LGBTQIA+ older adults

Aim 3: Identify risk and protective factors associated with cognitive impairment in LGBTQIA+ adults

29



Call us: **1-888-709-7689**

UNLV CANNON SURVEY CENTER
DIVISION OF EDUCATIONAL OUTREACH

www.rainbowsofaging.org

UNLV SCHOOL OF PUBLIC HEALTH

Goals of PRIDE:

1. Recruiting (n=250) Caregivers & LGBTQIA+ persons living with Parkinson's disease
2. Exploring competencies of healthcare professionals
3. \$10-\$25 for completing surveys

30



Rainbows of Service




- Open to all Veterans aged 50 and older
- Study involves participating in one-time 60-minute survey.
- Participation is voluntary and all information will be kept private.
- Learn more by calling us at

1-833-966-6974

- Receive a \$100 gift card

Rainbows of Aging www.rainbowsofaging.org **UNLV** SCHOOL OF PUBLIC HEALTH 31

31

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- The content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institutes of Health
- No conflicts of interest to report

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32

Thank you!



**Rainbows
of
Aging**

Questions?

Email: Jason.Flatt@unlv.edu
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33