## **TITLE**

Eye Care for Houston's Underserved Communities

## **AUTHORS**

Daniel C. Brock<sup>1,2</sup>, Mallika Tyagi<sup>3</sup>, Tiffany Ramos<sup>4</sup>, Ravi K. Chundru<sup>5</sup>, Kathryn Rogers<sup>5</sup>, Amna M. Ali<sup>3</sup>, Venus Gines<sup>6</sup>, Claudia K. Tischler<sup>1,2</sup>, Victoria Chen<sup>1</sup>, Damien Kelly<sup>7</sup>, Juliana Zapata<sup>8</sup>, Monica Guerrero<sup>4</sup>, Nelly Elorza<sup>6</sup>, Dana Clark<sup>1,5</sup>

## **AFFILIATIONS**

<sup>1</sup>School of Medicine, Baylor College of Medicine, Houston, TX 77030, USA.

<sup>2</sup>Medical Scientist Training Program, Baylor College of Medicine, Houston, TX 77030, USA.

<sup>3</sup>McGovern Medical School, The University of Texas Health Science Center at Houston, Houston, TX 77030, USA.

<sup>4</sup>Prevent Blindness Texas, Houston, TX 77018, USA.

<sup>5</sup>Healthcare for the Homeless Houston, Houston, TX 77002, USA.

<sup>6</sup>Dia De La Mujer Latina, 6400 High Star Dr, Houston, TX 77074, USA.

<sup>7</sup>Open Gate Homeless Ministries, Houston, TX 77006, USA.

<sup>8</sup>Casa Maria, 6101 Edgemoor Dr, Houston, TX 77081, USA.

#### **BACKGROUND AND SIGNIFICANCE**

Houston is a large metropolitan area that harbors diverse communities, yet a substantial population faces challenges in accessing vision care, hindering their ability to fully participate in daily life due to limited eyesight. Among the spectrum of unmet health needs, difficulty in acquiring eyeglasses and eye care ranks as one of the most pervasive in populations experiencing housing instability<sup>1</sup>. Uncorrected visual impairment can exacerbate health conditions, as the process of navigating health systems and acquiring health information becomes difficult to impossible<sup>2</sup>. Several efforts exist to promote affordable healthcare and job opportunities for those with housing instability; however, this effort is thwarted if the intended population cannot read their medication bottles, use their phones, or read pamphlets. Furthermore, people experiencing housing instability are more likely to spend significant amounts of time outdoors in direct sunlight, which is a risk factor for developing cataracts<sup>3,4</sup>. We aim to address these risk factors and communication barriers by providing free reading glasses, sunglasses, and protective cases for eligible patients experiencing housing instability.

Several local volunteer initiatives aim to address the healthcare needs of Houston's underserved communities. The Houston Outreach Medicine Education & Social Services (HOMES) Clinic is the only student-run clinic in Houston and a program of Healthcare for the Homeless-Houston (HHH)<sup>5,6</sup>. HOMES aims to address medical and social concerns of a general population experiencing unstable housing. Open Gate Homeless Ministries provides dinners, clothing, and health screenings to a predominantly LGBTQ+ youth population<sup>7</sup>. Dia De La Mujer Latina (DML) is a community-engaged organization that serves uninsured Latinos/as at its signature health fiestas, with free vision screening by trained promotores/community health workers. Casa Maria is a local clinic for immigrants lacking health insurance, serving a predominantly Spanish-speaking Latino/Hispanic population. Each of these organizations provides population-specific expertise and a specialized approach to caring for underserved groups in Houston. The collaborative efforts of these organizations in providing critical vision care

services embodies humanism in medicine by emphasizing empathy, compassion, and patient-centered care. By establishing strong provider-patient relationships and leading with dignity and respect, this collaborative project addresses the physical need of comprehensive vision care alongside the psychological, social, and emotional well-being for Houston's underserved community.

The ophthalmology interest groups (OIGs) at Baylor College of Medicine and McGovern Medical School have previously led successful vision screenings at HOMES Clinic, Open Gate, DML, and Casa Maria. This was done in partnership with Prevent Blindness Texas (PBT)<sup>8</sup>, who provide vision screening machines that measure near/distance visual acuity. Yet, there is still a need for continued progress as our resources are limited. Currently, our volunteer vision screenings lack reading glasses and sunglasses, constraining the potential benefit for our clients. By offering reading glasses, sunglasses, and protective cases, we aim to further expand on our progress in addressing the vision needs of Houston's underserved people.

#### **BROADER IMPACTS**

Our project aims to serve three major populations: a general population experiencing unstable housing at HOMES Clinic, younger LGBTQ+ individuals at Open Gate, and uninsured Latino/Hispanic populations at DML and Casa Maria. Demographics and visual acuity data from previous vision screenings can be found in **Supplemental Table 1** with the code for data analysis found in the GitHub repository: <a href="https://github.com/toofastdan117/gold-humanism-vision.git">https://github.com/toofastdan117/gold-humanism-vision.git</a>. We begin our vision screening process by having self-identified clients complete the PBT vision screening form (**Supplemental Figure 1**). For those requiring assistance, volunteers are available to read the form aloud to aid in its completion. Next, our clients' visual acuity is evaluated using a vision screening machine operated by a volunteer from PBT. Eligibility is determined if clients report poor near vision or symptoms of presbyopia, an age-related gradual loss of the eye's ability to focus on close objects<sup>9</sup>. If these criteria are met, eligible clients are fitted with reading glasses. The prescription for reading glasses is guided using a vision test chart held 12-14 inches away from the clients' eyes (**Supplemental Figure 2**). After the client expresses satisfaction with their reading glasses, we will donate their best-fitted glasses, a protective case, and sunglasses to aid long-term eye health.

For clients exhibiting poor distance vision or multiple risk factors for developing eye disease, we facilitate referrals to practicing optometrists/ophthalmologists. A client's risk for developing eye diseases, such as glaucoma, is determined by the PBT vision screening form's risk assessment section (**Supplemental Figure 1**). To assist clients requiring referrals, we compiled a printable list of vision clinics, prioritizing programs that accept uninsured/underinsured individuals (**Supplemental Table 2**). Our list includes Dr. Ravi Chundru's ophthalmology clinic at HHH and Spanish-speaking clinics, featuring multiple contact methods, such as website addresses, phone numbers, and QR codes. In addition to addressing our clients' immediate vision challenges, our project promotes enduring solutions by encouraging clients to seek care at affordable optometry/ophthalmology clinics. Comparable studies at different institutions revealed

a large unmet demand for glasses among individuals facing housing instability, with subsequent high levels of satisfaction reported upon the donation of glasses<sup>11–14</sup>. Obtaining eyeglasses improves access to opportunities such as education and employment, improving housing stability and breaking the cycle of homelessness. Furthermore, conducting vision screenings and providing eyeglasses will significantly enhance our collaborators' health services, leveraging substantial human capital from volunteer groups and alleviating cost burdens for nonprofit organizations.

#### PROJECT SCHEDULE, MILESTONES, AND BUDGET

#### Schedule

During the three-month project time period, we plan to perform four vision screening events. The vision screenings are tentatively planned during the spring of 2024 as followed: Open Gate in late March, DML at monthly health fiestas at SW Multiservice Center, Casa Maria in April, and HOMES Clinic on May 19.

#### <u>Milestones</u>

During our vision screenings, we will measure our clients' visual acuity and demographic factors through the PBT vision screening form. We will also measure our clients' satisfaction with their glasses and/or referrals. We will report milestones in the form of the number of clients screened and the number of glasses donated, along with de-identified demographic information.

## **Budget**

Our budget includes reading glasses bundled with protective cases and sunglasses (**Supplemental Table 3**). This includes the following prescriptions: +1.0, +1.5, +2.0, +2.5, +3.0, +3.5, and +4.0, for a total of 70 glasses accompanied with protective cases. We will order 15 pairs of reading glasses for more common prescriptions, such as +2.5 and +3.0. Our budget also includes 70 sunglasses. Our total budget, including taxes, amounts to approximately \$469.21 using Amazon's current pricing with free shipping. Any extra equipment will be stored in a secure locked cabinet at HOMES Clinic and utilized in future vision screenings.

# SUPPLEMENTAL DATA

**Supplemental Table 1:** Demographics and Visual Acuity for Houston's Underserved Community.

Numbers represent the number of people screened with percentages in parentheses.

		HOMES (n = 19)	OpenGate (n = 12)	Casa Maria (n = 18)	Dia De La Mujer Latina (n = 134)
Age Groups	18-29	3 (15.8)	6 (50.0)	1 (5.6)	15 (11.2)
	30-49	6 (31.6)	4 (33.3)	10 (55.6)	79 (59.0)
	50-64	8 (42.1)	2 (16.7)	7 (38.9)	32 (23.9)
	65+	2 (10.5)	0 (0.0)	0 (0.0)	8 (6.0)
Sex	Male	10 (52.6)	11 (91.7)	3 (16.7)	21 (15.7)
	Female	8 (42.1)	1 (8.3)	15 (83.3)	113 (84.3)
	Transgender	1 (5.3)	0 (0.0)	0 (0.0)	0 (0.0)
Ethnicity	Caucasian	4 (21.1)	1 (8.3)	3 (16.7)	0 (0.0)
	African American	7 (36.8)	6 (50.0)	0 (0.0)	1 (0.7)
	Hispanic/Latino	5 (26.3)	3 (25.0)	13 (72.2)	108 (80.6)
	Native American	0 (0.0)	0 (0.0)	0 (0.0)	11 (8.2)
	Multiple	2 (10.5)	0 (0.0)	0 (0.0)	9 (6.7)
	Other	1 (5.3)	1 (8.3)	2 (11.1)	1 (0.7)
	(Missing)	0 (0.0)	1 (8.3)	0 (0.0)	4 (3.0)
Insurance	Uninsured	12 (63.2)	12 (100.0)	17 (94.4)	104 (77.6)
	Private	0 (0.0)	0 (0.0)	0 (0.0)	2 (1.5)
	Medicare	1 (5.3)	0 (0.0)	0 (0.0)	0 (0.0)
	Medicaid	3 (15.8)	0 (0.0)	0 (0.0)	0 (0.0)
	County/City Health	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.7)
	Goldcard	2 (10.5)	0 (0.0)	0 (0.0)	0 (0.0)
	Affordable Care Act	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.7)
	Molina	1 (5.3)	0 (0.0)	0 (0.0)	0 (0.0)
	(Missing)	0 (0.0)	0 (0.0)	1 (5.6)	26 (19.4)
Last Eye Exam	Less than 1 year	1 (5.3)	3 (25.0)	1 (5.6)	8 (6.0)
	1-2 years	5 (26.3)	3 (25.0)	4 (22.2)	37 (27.6)
	3-5 years	5 (26.3)	2 (16.7)	4 (22.2)	34 (25.4)
	More than 5 years	8 (42.1)	3 (25.0)	3 (16.7)	24 (17.9)
	Never	0 (0.0)	1 (8.3)	5 (27.8)	29 (21.6)
	(Missing)	0 (0.0)	0 (0.0)	1 (5.6)	2 (1.5)
Barriers to Care	Cost	7 (28.0)	5 (38.5)	6 (33.3)	99 (63.5)
	Lack of Transportation	7 (28.0)	3 (23.1)	0 (0.0)	4 (2.6)
	Lack of Knowledge	3 (12.0)	0 (0.0)	0 (0.0)	11 (7.1)
	Clinic Waiting Time	1 (4.0)	0 (0.0)	0 (0.0)	8 (5.1)
	Fear of Doctors	0 (0.0)	0 (0.0)	0 (0.0)	5 (3.2)
	Fear of Treatment	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.6)
	Other	0 (0.0)	1 (7.7)	1 (5.6)	8 (5.1)
	None	3 (12.0)	3 (23.1)	5 (27.8)	9 (5.8)
	(Missing)	4 (16.0)	1 (7.7)	6 (33.3)	11 (7.1)
Distance Visual Acuity	20/20	4 (10.5)	1 (4.2)	10 (27.8)	25 (9.3)
	20/30	4 (10.5)	4 (16.7)	5 (13.9)	55 (20.5)
	20/40	4 (10.5)	2 (8.3)	9 (25.0)	37 (13.8)
	20/50	3 (7.9)	0 (0.0)	6 (16.7)	45 (16.8)
	20/70	3 (7.9)	0 (0.0)	2 (5.6)	35 (13.1)
	20/100	4 (10.5)	1 (4.2)	1 (2.8)	22 (8.2)
	20/200	14 (36.8)	15 (62.5)	3 (8.3)	40 (14.9)
	unable to screen	2 (5.3)	1 (4.2)	0 (0.0)	9 (3.4)
Near Visual Acuity	20/20	4 (10.5)	3 (12.5)	9 (25.0)	17 (6.3)
	20/30	8 (21.1)	6 (25.0)	13 (36.1)	37 (13.8)
	20/40	5 (13.2)	2 (8.3)	5 (13.9)	40 (14.9)
	20/50	5 (13.2)	1 (4.2)	3 (8.3)	39 (14.6)
	20/70	2 (5.3)	2 (8.3)	2 (5.6)	44 (16.4)
	20/100	8 (21.1)	2 (8.3)	2 (5.6)	72 (26.9)
	20/200	1 (2.6)	7 (29.2)	2 (5.6)	1 (0.4)
	unable to screen	5 (13.2)	1 (4.2)	0 (0.0)	18 (6.7)
	-	_ , , , ,			. , ,

## Supplemental Table 2: Low Resource Eye Clinics in Houston.

#### Healthcare for the Homeless Houston<sup>6</sup>

- https://www.homeless-healthcare.org/
- 713-286-6000
- 1934 Caroline St, Houston, TX 77002
- Weekly Ophthalmology Clinic led by Dr. Ravi Chundru





# **UH College of Optometry**<sup>15</sup>

- https://eyecare.opt.uh.edu/
- 713-743-2020
- 4401 Martin Luther King Boulevard Houston, TX 77204





# **Legacy Community Health**<sup>16</sup>

- <a href="https://www.legacycommunityhealth.org">https://www.legacycommunityhealth.org</a>
   /services/vision/
- Montrose:
  - 0 832-548-5100
  - 1415 California St. Houston, TX 77006
- Fifth Ward:
  - 0 832-548-5400
  - 3811 Lyons Ave. Houston, TX 77020

# LEGACY COMMUNITY HEALTH



## San Jose Clinic<sup>17</sup>

- https://www.sanjoseclinic.org/
- 713-228-9411
- 2615 Fannin St, Houston, TX 77002
- No insurance only





# Houston Eye Associates Foundation<sup>18</sup>

- <a href="https://foundation.houstoneye.com/">https://foundation.houstoneye.com/</a>
- 713-668-6828
- 7155 Old Katy Road, Suite S110 Houston, TX 77024
  Uninsured or underinsured only





# Supplemental Table 3: Project Budget

Resource	Purchase Link	Price		
Reading Glasses, 5-pack with cases included. Strengths: +1.0, +1.5, +2.0, +2.5, +3.0, +3.5, +4.0	https://www.amazon.com/Ga oye-Reading-Blocking- Lightweight- Eyeglasses/dp/B0BCWRQ3Q W/ref=sr 1 43?crid=1TUSLD QFGCB4&keywords=reading %2Bglasses%2Band%2Bcas es%2Bin%2Bbulk&qid=17043 63321&sprefix=reading%2Bgl asses%2Band%2Bcases%2B in%2Bbulk%2Caps%2C106& sr=8-43&th=1	\$18.99 per 5-pack. Multiple orders are indicated for more common prescriptions. +1.0 glasses * 1 = \$18.99 +1.5 glasses * 2 = \$37.98 +2.0 glasses * 2 = \$37.98 +2.5 glasses * 3 = \$56.97 +3.0 glasses * 3 = \$56.97 +3.5 glasses * 2 = \$37.98 +4.0 glasses * 1 = \$18.99 Sum = \$265.86		
Sunglasses, 10-pack	https://www.amazon.com/Wholesale-Unisex-80s-Retro-Sunglasses/dp/B01M68J9YO/ref=sr 1 5?crid=OB9UZHDPL4C&keywords=sunglasses%2Buv%2Bprotection%2Bpack%2Badult&qid=1704179471&sprefix=sunglasses%2Buv%2Bprotectionpack%2Badult%2Caps%2C94&sr=8-5&th=1	\$24.00 per 10-pack 7 orders for a total of 70 sunglasses. Sunglasses * 7 = \$120.00 Sum = \$168.00		
Estimated Tax		Tax = \$35.35		
		Total = \$469.21 (with free shipping)		

Revised 2-24-20

**Supplemental Figure 1:** Prevent Blindness Texas Vision Screening Form. This form is available in English and Spanish.



# **Adult Eye Health Screening Registration Form (PLEASE PRINT)**

Screening Site Information (Screener Use Only)									
Date: Site Location:				Participant ID:					
SECTION 1: Participant Information									
First Name:			Last Name:						
Date of Birth: / /	Age:			Sex: M F County:					
Address:		City/State:	h.		Zip Code:				
Phone Number:			Email:						
Ethnicity: 🗌 African American 🦳 Asian 🗌 Caucasian 🗎 Hispanic/Latino 🗎 Native American 🗎 Other:									
Number of People in Household:			Annual H	Annual Household Income:					
Language Preference: ☐ English ☐ Spar	ish 🗌 O	ther	Preferred Method of Contact: ☐ Phone ☐ Text ☐ Email						
1. Do you wear prescription glasses/con	tacts?		☐ Yes ☐ No						
a. If YES, do you have them with you	ı?		☐ Yes ☐ No						
b. Do you wear them for (please che	ck one):	:	☐ Distar	nce 🗌 Nea	ar/Reading 🗆 Both				
2. Do you have a vision problem or eye disease?				] No					
a. If YES, please describe:									
SECTION 2: Acknowledgment on Vision Screening (PLEASE SIGN BELOW)  Today's Adult Vision Screening can help determine if you see as well as you should. Keep in mind, however, that many underlying factors may affect the results of this vision screening. Also, a vision screening does not test for all eye disorders. A vision screening is not a substitute for a professional eye examination by an eye care professional. If you suspect that you are having any vision problems, you should arrange for a professional eye examination, regardless of today's screening results. I hereby authorize the disclosure of health information, related to the results of this screening and subsequent eye exam(s), to be shared with PBA/PBT for purposes related to follow up and statistical analysis. I am a resident of the State of Texas and I consent to a vision screening.  SIGN HERE:									
SECTION 3: Risk Assessment					Yes	No	Recomm	nendations	
1. Do you have blood relatives with glaucoma?							☐ See do	octor regularly	
2. Has a doctor treated you for or said you have glaucoma?							☐ See doctor regularly		
3. Have you had an eye injury or eye surgery?							☐ See doctor regularly		
4. Have a noticed a change in your vision in the last 12 months?							☐ See doctor soon		
5. Do you have persistent pain in or around the eye?							☐ See doctor now		
6. Are you African American or Hispanic/Latino and over age 40?							☐ See doctor regularly		
7. Are you age 65 or older?						☐ See doctor annually			
8. Was your last dilated eye exam (with drops) more than two years ago?				?			☐ See doctor regularly		
9. Do you have diabetes?							☐ See do	octor annually	
a. If yes, was your dilated eye exam (with drops) more than one year ago?					octor soon				
10. When was your last eye exam? ☐ Never ☐ Less than 1 year ☐ 1-2 years ☐ 3-5 years ☐ More than 5 years									
11. Do you have any barriers to receiving eye care (check all that apply)? ☐ Cost ☐ Fear of Doctors ☐ Fear of Treatment									
☐ Lack of Transportation ☐ Clinic Waiting Time ☐ Lack of Knowledge ☐ Other: ☐ None									
SECTION 4: Visual Acuity Screening (Scr	eener U		CO.		constraint.	27 (927)	886	900	
								Screener:	
Near   Right: 20/   Left: 20/   □ Unable to Screen   □ With □ Without Correction   Screener:									
SECTION 5: Exit Interview (Screener Use Only and Recommendations)									
☐ PASS or ☐ REFER for: ☐ Risk Factors ☐ Visual Acuity (If 20/50 or worse in either eye, see doctor soon)									
SECTION 6: Post-Screening Interview (Screener Use Only)									
What type of insurance coverage do you	1					Coun	ty/City He	alth 🗌 Private	
Eye Exam Voucher Type: UH USP Treatment Fund Ot					*				
Eyeglass Voucher Type:   Healthy Eyes   VSP   Treatment Fund   Other:   No						None			

AVS Registration Form (English) 1-886-98-SIGHT · www.preventblindnesstexas.org

**Supplemental Figure 2:** Vision Test Chart, Adopted from the Peepers Glasses Company<sup>19</sup>. This form is available in English and Spanish.

- Hold the chart 12 to 14 inches away from your face. If you're wearing reading glasses, be sure to take them off for the most accurate results.
- Read the chart from the top down. If you can't read the top line, just move down to the next.
- 3 Keep moving down until you can **clearly** read a full line.
- 4 When you can clearly read a line, look at the strength listed for that line. **That's your strength!**

If you can read this, +1.00 is the right strength for you.

If you can read this, +1.25 is the right strength for you.

If you can read this, +1.50 is the right strength for you.

If you can read this, +1.75 is the right strength for you.

If you can read this, +2.00 is the right strength for you.

If you can read this, +2.25 is the right strength for you.

If you can read this, +2.25 is the right strength for you.

If you can read this, +2.50 is the right strength for you.

If you can read this, **+3.00** is the right strength for you.

#### <u>REFERENCES</u>

- Baggett TP, O'Connell JJ, Singer DE, Rigotti NA. The Unmet Health Care Needs of Homeless Adults: A National Study. Am J Public Health. 2010;100(7):1326-1333. doi:10.2105/AJPH.2009.180109
- 2. O'Day BL, Killeen M, Iezzoni LI. Improving Health Care Experiences of Persons Who Are Blind or Have Low Vision: Suggestions From Focus Groups. *Am J Med Qual*. 2004;19(5):193-200. doi:10.1177/106286060401900503
- 3. Joseph A, Kindratt T, Pagels P, Gimpel N. Knowledge, Attitudes, and Practices Regarding Skin Cancer and Sun Exposure among Homeless Men at a Shelter in Dallas, TX. *J Canc Educ*. 2020;35(4):682-688. doi:10.1007/s13187-019-01511-8
- 4. Taylor HR, West SK, Rosenthal FS, et al. Effect of Ultraviolet Radiation on Cataract Formation. *New England Journal of Medicine*. 1988;319(22):1429-1433. doi:10.1056/NEJM198812013192201
- 5. HOMES Clinic. Accessed December 27, 2023. https://www.homesclinic.org
- 6. Healthcare for the Homeless Houston. Accessed January 14, 2024. https://www.homeless-healthcare.org
- 7. OpenGate Homeless Ministries. Bering Open Gate. Accessed December 28, 2023. https://beringopengate.org/
- 8. Prevent Blindness Texas. Published July 6, 2023. Accessed December 28, 2023. https://texas.preventblindness.org/
- 9. Wolffsohn JS, Davies LN. Presbyopia: Effectiveness of correction strategies. *Progress in Retinal and Eye Research*. 2019;68:124-143. doi:10.1016/j.preteyeres.2018.09.004
- Ophthalmic Equipment | Welch Allyn Spot Vision Screener w/Case | Veatch Ophthalmic Instruments. Accessed January 21, 2024. https://www.veatchinstruments.com/Spot-Vision-Screener?utm\_term&utm\_campaign&utm\_source=adwords&utm\_medium=ppc&gad\_source=1
- 11. Gelberg L, Andersen RM, Leake BD. The Behavioral Model for Vulnerable Populations: application to medical care use and outcomes for homeless people. *Health Serv Res.* 2000;34(6):1273-1302.
- 12. Lam J, Robertson K, Robertson W, Bernstein R. Improving Access to Vision Care for People Who are Homeless through Eyeglasses Recycling. *Journal of Health Care for the Poor and Underserved*. 2015;26(4):1359-1367. doi:10.1353/hpu.2015.0123
- 13. Brown RT, Kiely DK, Bharel M, Mitchell SL. Geriatric Syndromes in Older Homeless Adults. *J GEN INTERN MED*. 2012;27(1):16-22. doi:10.1007/s11606-011-1848-9
- 14. Berry JL, Cuzzo LM, Bababeygy SR, Quiros PA. Unmet need for corrective eyeglasses: results from a Los Angeles County Hospital survey. *Int Ophthalmol*. 2012;32(3):245-250. doi:10.1007/s10792-012-9561-1

- 15. UH Health Eye Care. Published September 2, 2021. Accessed January 14, 2024. https://eyecare.opt.uh.edu/
- 16. Eye Doctor Houston TX | Optometry | Legacy Community Health. Accessed January 14, 2024. https://www.legacycommunityhealth.org/services/vision/
- 17. San José Clinic. Accessed January 14, 2024. https://www.sanjoseclinic.org
- 18. Houston Eye Associates Foundation. Accessed January 14, 2024. https://foundation.houstoneye.com/
- 19. Peepers by PeeperSpecs. Accessed January 14, 2024. https://www.peepers.com/