



**MINUTES**

**LIBRARY ADVISORY BOARD  
FOOTHILLS LIBRARY  
19055 N. 57th AVENUE  
GLENDALE, ARIZONA 85308**

**DECEMBER 14, 2022  
6:00P.M.**

**1. CALL TO ORDER**

**2. ROLL CALL**

Present: Gary Johnson, Chair  
Timothy Ndavu, Vice Chair  
Eva Ndavu, Board Member  
Diane Kocur, Board Member  
Haydee Kukowski, Board Member

Absent: Lauren Snair, Teen

Also Present: Michael Beck, Chief Librarian  
Dawn Ferro, Library Administrator  
Kristin Fletcher-Spear, Administrative Librarian  
Erin Garred, Librarian  
Esther Peneff, Administrative Support Specialist

**3. CITIZEN COMMENTS**

None.

**4. APPROVAL OF THE MINUTES**

**a. Approval of the November 9, 2022.**

**Vice Chair Timothy Ndavu made the motion, Board Member Diane Kocur made the second to approve the November 9, 2022, Library Advisory Board meeting minutes as amended:**

Pg.3 – 1) EV charging stations was a fantastic idea and something to *be* considered.

**Motion approved 5-0.**

**5. NEW BUSINESS**

**a. FOOTHILLS 3-D PRINTER DEMONSTRATION (Informational)**

Chief Librarian Beck introduced Erin Garred, Librarian. Mrs. Garred, Adult and Teen Services Librarian stated that she has been at the Foothills Library for eight and half years, focusing mainly on technology. Everything she has learned was from the internet, practice and trial and error. The printer that was shown has a dual extruder (two colors of filament). The filaments come in a variety of colors and the extruders build the project layer by layer. A teen program will be starting in January, and we have some of the 3D items on display to keep interest going. Mrs. Garred passed out mini 3D print-outs for each board member. Eventually, Mrs. Garred will try using rubber material instead of the plastic filament. This type of project will help teens with an educational experience that can help them in the future. They also get to keep their project that was created.

Board Member Eva Ndavu asked about the longevity of the machine, maintenance and materials used. Mrs. Garred stated that filaments will need to be replaced as the supply is used. Each spool costs about \$25. The City of Mesa charges five cents per gram, and we charge ten cents per gram. The longevity is approximately five years or longer but as technology changes, it should be replaced. The maintenance for the machine is minimal; keep plates level and extruders might wear out or become damaged. It is very easy to work on, and the response team based out of China has been wonderful.

Board Member Eva Ndavu asked how long it takes to create a piece. Mrs. Garred stated that it depends on the project and can vary from thirty minutes to approximately four hours. The average time is one-hour, per person.

Board Member Kocur asked how the kids sign up for the program. Mrs. Garred stated that the machine can be programmed to run on its own. There is a free public domain (Thingiverse) to find a project that someone wants to print, save it on a USB

drive, then it will get printed out by library staff. Board Member Kocur asked if errors happen in the coding or in its creation. Mrs. Garred stated that it can happen at any point of the creation. If an online file is not a complete file or from a bad site, it will not print correctly. Humidity and temperature make a difference as well.

Vice-Chair Timothy Ndavu asked if the file will still be available if the machine is turned off. Mrs. Garred stated that the project can be stopped mid-completion and can continue where it left off.

Board Member Eva Ndavu asked if staff will be trained. Mrs. Garred stated yes, staff will be trained, and she plans on creating a manual as well.

Vice-Chair Timothy Ndavu stated that 3D printing is a great technology tool. The first 3D- house was printed recently in Tempe, in addition to potential 3D-printed prosthetics and organs. Mrs. Ferro added there is also 3D-printed clothing and food. Mrs. Garred said there is also a 3D-chocolate printer and stated our hope is to help our community learn this technology.

Chair Johnson asked if there were any other questions. No other questions.

Chief Librarian Beck thanked Mrs. Garred. The library ideally would like to have a 3D printer for each branch which has a wealth of programming possibilities.

#### **b. FOOTHILLS LIBRARY UPDATES AND TOUR (Informational)**

Chief Librarian Beck introduced Kristin Fletcher-Spear, Administrative Librarian, to proceed with an informational, walking tour of the Foothills Library for the board members.

#### **6. CHIEF LIBRARIAN UPDATE**

Chief Librarian Beck gave updates on the following:

- Libcon – Successful event although it rained all day. We had over 625 residents. Only ten vendors, out of 55, did not show due to the weather.
- December 26 – City of Glendale library celebrates its 100th anniversary.
- January 9 (6:30 p.m.) – Main library program, Arizona state historian, Marshall Trimble.
- January 28 (10:00 a.m.) – Main library, annual Songwriter's event put together by Ivy Jarvis, usually has approximately 400-500 people in attendance.
- Main Library parking lot repaving project – Currently in phase 3 and then the book drop lane will be completed. This is a \$375,000 project and will be a great facility improvement when completed.

Chief Librarian Beck thanked Chair Johnson for his term as this is his last Library Board meeting as Chair, congratulated Chair-elect, Diane Kocur and wishing everyone Happy Holidays.

#### **7. BOARD MEMBER COMMENTS AND SUGGESTIONS**

Vice-Chair Timothy Ndavu asked if the information regarding improvements that was presented by Daren Frank at the last meeting if the information can be shared to the community, Chief Librarian Beck stated yes, since it is a matter of record. Vice-Chair Timothy Ndavu stated it was an honor serving as Vice-Chair along with Chair Johnson and wished everyone Happy Holidays.

Chair Johnson stated that it was an honor serving as the Chair of the Library Board. He is not going anywhere but taking a step back. Chair Johnson asked if there were any more questions. No other questions.

#### **8. NEXT MEETING**

Chair Gary Johnson stated the next meeting location:

The Library Advisory Board will be held on January 11, 2023, at 6:00 p.m. in the Board Room at the Heroes Regional Park Library, 6075 N. 83rd Avenue.

#### **9. ADJOURNMENT**

**Board Member Diane Kocur, made a motion, Vice Chair Timothy Ndavu made the second to adjourn the meeting at 7:22 p.m.**

**Motion Approved 5-0.**

The Library Advisory Board meeting minutes of December 14, 2022, were submitted and approved this 11th day of January 2023.