

## UTAH SCHOOLS FOR THE DEAF AND THE BLIND

Advisory Council Agenda  
250 E. 500 S.  
Salt Lake City, Utah 84114

### Board Room

Date: January 28, 2016

Agenda

(Tab 1)

### GENERAL SESSION

4:30 – 4:45 p.m.

1. Welcome and Pledge of Allegiance

4:45 – 5:00 p.m.

2. Public Comments  
See footnote for guidelines

### ACTION ITEMS

5:00 - 5:15 p.m.

3. CONSENT CALENDAR APPROVAL ACTION ON:
  - A. Advisory Council Minutes of November 19, 2015  
contact Tamara Flint (801) 629-4712 or  
[tamaraf@usdb.org](mailto:tamaraf@usdb.org) for more information. (Tab 2)
  - B. Vacancy Report for December, FY 15  
contact Letty Debenham (801) 629-4723 or  
[lettyd@usdb.org](mailto:lettyd@usdb.org) for more information. (Tab 3)
  - C. Donated Account Summary for December,  
FY 15 contact Letty Debenham (801) 629-4723 or  
[lettyd@usdb.org](mailto:lettyd@usdb.org) for more information. (Tab 4)

**It is recommended that Advisory Council review and approve the Advisory Council minutes of November 19, 2015 the Vacancy Report for December FY 15, and the Donated Accounts Summary for December FY 15.**

5:15 – 5:45 p.m.

4. GeNote Music Therapy Presentation (Tab 5)

## INFORMATION ITEMS

5:45 – 6:15 p.m.

5. Budget

**(Tab 6)**

6:15 – 6:30 p.m.

6. Superintendent Items

6:30 – 6:45 p.m.

7. Future Agenda Items

6:45 – 7:00 p.m.

8. Other

### Public Comment

Individuals are welcome to address the Advisory Council. Please advise Tamara Flint ([\(801\) 629-4712](tel:8016294712) or [tamaraf@usdb.org](mailto:tamaraf@usdb.org)) in advance with your name and the group you represent. Each person will be limited to three minutes. Total time allotted for public comments will be a total of 15-minutes. Anyone needing more time should make that request in writing and arrange to be on the agenda at the next meeting.

### Notice of Procedure to Get on the USDB Advisory Council Agenda

Anyone interested in being on the agenda should contact Chairperson Dr. Chris Bischke at ([\(801\) 589-2449](tel:8015892449)) / [chris.bischke@utah.edu](mailto:chris.bischke@utah.edu), Superintendent Joel Coleman at ([\(801\) 629-4712](tel:8016294712)) / [joelc@usdb.org](mailto:joelc@usdb.org), or Tamara Flint at ([\(801\) 629-4712](tel:8016294712)) / [tamaraf@usdb.org](mailto:tamaraf@usdb.org). Please do so by the Friday of the week prior to the meeting. Packets are emailed the Monday prior to the meeting.

### Notice of Special Accommodation at Public Meetings

In compliance with the Americans with Disabilities Act, individuals needing special accommodations (including auxiliary communicative aids and services) during this meeting should notify Tamara Flint ([\(801\) 629-4712](tel:8016294712) or [tamaraf@usdb.org](mailto:tamaraf@usdb.org)) at least three working days prior to the meeting.

## UTAH SCHOOLS FOR THE DEAF AND THE BLIND

### Advisory Council Meeting Summary

250 East 500 South

Salt Lake City, Utah 84114

Board Room

**Date: November 19, 2015**

**4:30 p.m. - General Session**

**Attending:**

Jared Allebest, Voting Member  
Wayne Andrus, Voting Member (by phone)  
Chris Bischke (Chair), Voting Member  
Suzy Blackham, Non-Voting Member  
Richard Gurgel, Voting Member  
Vickie Hathaway, Voting Member  
Melanie Hooten, Voting Member  
Jenifer Lloyd, Voting Member  
Stephanie Morgan, Non-Voting Member

**Also Attending:**

Joel Coleman, Superintendent  
Tamara Flint, Executive Assistant

**Interpreters:**

Michelle Draper  
Andrea Rathbun

**Administrative Staff Present:**

Carolyn Lasater, Associate Superintendent USB  
Michelle Tanner, Associate Superintendent of USD  
Mike Tribe, HR Director

**Also attending:**

Charity Diven, Parent

1. Welcome and Pledge of Allegiance

Dr. Bischke welcomed everyone in attendance. Ms. Hooten led the Council in the Pledge of Allegiance.

2. Public Comments

No public comments.

**ACTION ITEMS**

3. Consent Calendar

Ms. Lloyd moved to accept the Advisory Council minutes of October 22, 2015, the Vacancy Report for October FY 15 and the Donated Accounts Summary for October FY 15. Ms. Hooten seconded. Motion carried.

4. International Student Exchange Program

Ms. Robbin Clark provided a Camp Abilities presentation to the Advisory Council. Camp Abilities is a residential sports, recreation and leisure developmental camp specifically for children with vision impairments. The Camp Abilities program has grown to be an international program in over five countries and all over the United States. The main focus of Camp Abilities is to provide meaningful recreation and leisure opportunities that include a variety of sports and leisure activities. The main theme that runs through every Camp Abilities program is empowerment. The cornerstone principle is "A Loss of Sight, Never a Loss of Vision."

Ms. Clark asked the Council to use \$8,000.00 of Enrichment funds to pay for airfare to send five students along with three chaperones to the Camp Abilities Ireland exchange program running from Sunday, March 20, 2016 through Tuesday, March 29, 2016. In addition, students will also be responsible for fundraising approximately 1/5 of the cost of the trip, which will amount to about \$800. Requirements and eligibility for students include:

- USDB selects students to participate (must be 16 years or older)
- Students must complete the following in order to be eligible for the exchange program:
  - Set amount of Expanded Core Curriculum instruction hours
  - Intern at all USDB short term programs
  - Demonstrate travel skills with an orientation and mobility instructor
  - Participate in monthly distance ed meetings with Camp Ireland staff

- Demonstrate ability to complete Camp Abilities Ireland intern staff requirements
- Maintain a B average in general education classes

Following discussion by Council members, Mr. Andrus moved to approve the use of \$8,000 from Enrichment funds to send five students and three chaperones to the Camp Abilities Ireland Exchange program. Ms. Hooten seconded. Motion carried.

## **INFORMATION ITEMS**

### **5. Expanded Core Curriculum Projects**

Ms. Robbin Clark gave a presentation on “What is the Expanded Core Curriculum (ECC).” The ECC provides a framework for instruction in a specialized set of vision-related skills for students who are blind or visually impaired. While students who are blind or visually impaired are expected to follow the same core curriculum as their sighted peers, there are certain areas in which they need specific instruction because of their vision loss. The ECC provides instruction in the following nine areas:

- Compensatory Skills
- Orientation and Mobility
- Social Interaction
- Independent Living
- Recreation and Leisure
- Sensory Efficiency
- Assistive Technology
- Career Education
- Self-Determination

### **6. Budget**

In Ms. Debenhams’ absence, Superintendent Coleman reviewed the Advisory Council Board Report as of October FY 15. He notified the Council that USDB is operationally capable as of October 31, 2015, with 25% of the budget spent and 67% of the school year remaining. All areas covered in the Board Report are operationally capable, with a remaining budget balance of \$26,486,044. Superintendent Coleman asked the Council if there were any questions or concerns regarding the Board Report. There were no questions or concerns from the Council.

Superintendent Coleman also reviewed the Cost Data report. It addresses overall costs and spending and also includes comparisons of 2015 and 2016 costs. The year to date FY 16 expenses are \$8,489,112.00. There were no questions or concerns from the Council for the Cost Data Report.

Superintendent Coleman reviewed the status of enrichment funds. We have spent approximately \$70,519.23, about 4% of our annual \$1,747,893.01 budget.

7. Superintendent Items

- Grant Building Update – Superintendent Coleman provided the Council an update regarding Grant Elementary. We have received two appraisals. The purchase price will range from \$1.0 million to \$1.2 million. We will be asking the Legislature for this amount as a one-time funding request.
- Legislative Priorities – Superintendent Coleman presented the USDB FY 17 budget request. USDB has a total of 5 requests, three of which are ongoing and two of which are one-time requests.

Ongoing funding Requests

• Educator Salary Adjustments	\$ 460,000
• Teaching Aides and Interpreters	277,831
• USIMAC Sustainability	<u>605,000</u>
SUBTOTAL FOR ONGOING FUNDING REQUESTS	\$ 1,342,831

One-Time funding Requests

• Grant Elementary Building	\$ 1,200,000
• Student Housing Upgrades	<u>320,000</u>
SUBTOTAL FOR ONE-TIME FUNDING REQUESTS	\$ 1,520,000

- Monthly Student Presentations to AC – Superintendent Coleman stated that he is not really comfortable with students coming to the Advisory Council meetings each month.

Dr. Bischke noted that Council members want to hear from the students to find out what they are working on and learning. Students can possibly provide some type of video that could be shared with the Council.

Superintendent will discuss this with the Associate Superintendents and come up with a plan. He will report back to the Advisory Council in January or February.

- Business office – USDB has had a significant turnover in the business office recently. Ms. Debenham has hired a Financial Manager and also a Fiscal Analyst. They will both start next week.

8. Future Agenda Items

- Ms. Lasater noted that USDB was approached by a company called G-note. Their focus is to improve outcomes for children with visual impairments who have trouble sleeping through a music therapy program. A presentation will be provided for Council members at the January 28, 2016 meeting.

9. Other

- Dr. Bischke informed the Council that she and Dr. Ruconich are trying to find a way to produce an accessible version of the Advisory Council nomination form.
- Dr. Bischke encouraged new Council members to tour the USDB facilities to become more familiar with the services provided by USDB. She asked members to work with the Carolyn Lasater or Michelle Tanner to schedule this.
- Dr. Bischke reminded Council members that we do not meet in December. Our next Advisory Council meeting will be on Thursday, January 28, 2016.

Dr. Bischke adjourned the meeting at approximately 5:50 p.m.

Tamara A. Flint, Executive Assistant  
Utah Schools for the Deaf and the Blind

VACANCY REPORT- DECEMBER 2015

AGENCY: 400

Position #	Unit	Sch	Job Title	Salary Range	Comment	Vacancy Date
40050055	INSTRUCTOR SLP (6115) (No Change)	AH	Instructor/Speech Language Pathologist	\$28,000-\$40,000	1 FTE	7/18/2015
40050457	INSTRUCTOR SLP (5330)	AH	Instructor	\$28,000-\$40,001	1 FTE	
40050318	INSTRUCTOR (5310)	AH	Instructor	\$28,000-\$40,002	1 FTE	9/7/2015

DHRM:

40050323	ERC (6342)	B	Library Tech I	\$12.58	New Position	7/1/2015
40050064	USIMAC (6370)	TL	INSTRUCTIONAL MATERIALS TECH I	\$14.56	New Position	7/1/2015
40050076	USIMAC (6370)	TL	INSTRUCTIONAL MATERIALS TECH II	\$16.36	New Position	7/1/2015
40050404	Campus Operations (6730) (No Change)	IN	CUSTODIAN I	\$10.41-\$10.41	Incumbent left for a new position	7/1/2014
40050220	Campus Operations (6730)	IN	SUB GROUNDSKEEPER I	\$7.52		7/1/2015
40050170	Campus Operations (6730)	IN	SUB GENERAL MAINTENANCE I	\$8.37		7/1/2015
40050766	Campus Operations (6730)	IN	CUSTODIAN I	\$10.41-\$10.42	Incumbent left for a new position	
40050202	Blind Classrooms(5210)	TL	Sensory Impairment Trainer (Job Coach)	\$13.86	Incumbent left for a new position	
40050227	Business Office (6610)	B	Financial Analyst II	\$17.71	New Position	
40050829	Business Office (6610)	B	Purchasing Technician II	\$17.43		

ON-GOING RECRUITMENTS

3 Positions	AH	EDUCATIONAL INTERPRETER, USDB	\$11.29-\$29.17	CONTINUOUS
3 Positions	IN	TEACHER AIDE	\$9.60-\$11.42	CONTINUOUS
	AE	SUBSTITUTE INSTRUCTOR, USDB	\$9.60-\$99.99	CONTINUOUS
	AE	SUBSTITUTE TEACHER AIDES, USDB	\$9.60-\$99.99	CONTINUOUS
1 Positions	AJ	DEAF MENTOR, USDB	\$10.41-\$15.64	CONTINUOUS
6 Positions	IN	INTERVENER, USDB	\$12.93-\$20.50	CONTINUOUS

11:07 AM

01/14/16

**Utah Schools for the Deaf and the Blind**  
**Reconciliation Summary**  
Donated Checking Account 0301, Period Ending 01/07/2016

	<u>Jan 7, 16</u>
<b>Beginning Balance</b>	15,724.36
<b>Cleared Transactions</b>	
Checks and Payments - 7 items	-143,268.60
Deposits and Credits - 4 items	156,587.59
<b>Total Cleared Transactions</b>	<u>13,318.99</u>
<b>Cleared Balance</b>	<u><u>29,043.35</u></u>
<b>Uncleared Transactions</b>	
Checks and Payments - 5 items	-1,655.38
<b>Total Uncleared Transactions</b>	<u>-1,655.38</u>
<b>Register Balance as of 01/07/2016</b>	<u><u>27,387.97</u></u>
<b>Ending Balance</b>	27,387.97

11:10 AM

01/14/16

**Utah Schools for the Deaf and the Blind**  
**Reconciliation Summary**  
Donated PTIF Account 0742, Period Ending 12/31/2015

	<u>Dec 31, 15</u>
Beginning Balance	619,369.70
Cleared Transactions	
Deposits and Credits - 2 items	<u>140,408.84</u>
Total Cleared Transactions	<u>140,408.84</u>
Cleared Balance	<b><u>759,778.54</u></b>
Register Balance as of 12/31/2015	<u>759,778.54</u>
Ending Balance	759,778.54

UTAH SCHOOLS FOR THE DEAF AND THE BLIND  
DONATION ACCOUNT BALANCES

Department/Head	8-Dec-15 Balance	Doc # or Date	Deposits	Encum- brances	Withdrawals	Donor/Explanation	8-Jan-16 Balance	Program Balance
<b>Superintendent Coleman</b>								
Advisory Council Funds	16,208.31						16,208.31	631,107.70
Foundation 2013	9,150.00						9,150.00	
Rural Program 2010	3,000.00						3,000.00	
Superintendent Discretionary Fund	3,586.63						3,586.63	
Undesignated Funds	441,928.84	12/31/2015	408.84			Interest Earned on PTF Investment Account	\$597,185.18	
Memorial Funds						Norma Kier Foundation		
*Robert Barrett Memorial 2011	15.25	3993	2,500.00			Northern Trust		
*Clifford Ketchum Memorial 99 D	111.04	3985	1,763.50			Ray and Tye Noorda Foundation		
*Hazel Barker Memorial 2011	200.00	3986	150,000.00			A Bedi Family		
*Hunter Register Memorial 2008	25.00	3988	55.00			United Way of Northern Utah		
*Tiffany Ingram Memorial 2006	120.00	3991	400.00			Lifetouch Commission		
*Florence Maxwell 2003 D	175.00	3992	129.00					
*Lillian Fulmer 2003 D	235.00							
*Linda Olsen Memorial 2002	187.75							
*Roy Thatcher Memorial 2008	50.00							
*G Phillips Memorial 2004 B	216.59							
*E Fisher Memorial 2002 B	7.45							
*E Delores Clark Memorial 2009	100.00							
*Barbara Hadfield Memorial 99 B	52.00							
*Edwin Bird Memorial 99 B	100.00							
*Memorial Ashley Call	67.50							
*Memorial Iola Jensen 2006 D	315.00							
Blind Scht Assoc/C Lasater								18,107.89
Associate ftr Blind Discretionary 2012	7,524.14						7,524.14	
Blind Olympics	8,783.24						8,783.24	
Playground Equipment Fund	1,800.51						1,800.51	
Space Camp 2003	1,652.89	5339			1,652.89	Christopherson Airfare Space Camp	0.00	
Blind Classroom/Gloria Hearn								9,548.37
Blind Classrooms	2,819.68						2,819.68	
Blind STEP Program 2011	671.35						671.35	
C Clawson's Class Pre99	305.12						305.12	
G Hearn's Braille Trail 2003	2,000.00						2,000.00	
Orientation & Mobility Pre99	23.80						23.80	
The Memory Box Pre99	3,574.52	3997	141.59				3,716.11	

Department/Head	8-Dec-15 Balance	Doc # or Date	Deposits	Encum- brances	Withdrawals	Donor/Explanation	8-Jan-16 Balance	Program Balance
Sales Tax Payable	1.90	3997	10.41				12.31	
Blind Outreach/Brandon Watts								81.11
Vision Consultants	81.11						81.11	
Deaf/Blind/Susan Patten								7,313.52
Deaf/Blind Fund	2,200.00						2,200.00	
Clicker Software/Nursing 2007	1,810.22	5341			196.70	B Cottam Nurse Stipend	1,613.52	
SL County Communication 2009	3,500.00						3,500.00	
BPIP/Karen Borg								18,997.82
PIP Blind Family Camp Prg99	18,997.82						18,997.82	
Deaf Schi Associate/Michelle Tanner								24,829.42
Associate ft Deaf Discretionary 2012	10,496.81						10,496.81	
Academic Bowl 2009	3,028.17						3,028.17	
Athletics 2009	1,512.60						1,512.60	
Close UP	861.51						861.51	
Drama Club	3,544.54	3990	20.16			West Drama Donation	3,564.70	
Jr NAD 2013	138.10						138.10	
Science Fund 2013	5,227.53						5,227.53	
Deaf North Region/Mike Hillstrom								12,489.31
Deaf North Discretionary Fund	3,641.74						3,641.74	
Adaptive Equipment Grove 2012	270.02						270.02	
Art Access/Book Fair 2003	2,838.22						2,838.22	
Art Acct 2002	7.12						7.12	
D Clements Class 2006	100.00						100.00	
Residential Activities	817.08	3994				Plaque Fundraiser	1,467.08	
Residential Adaptive Equipment 2013	501.80	3996	100.00			Gibsons/Fowers	501.80	
Fieldtrip Fund 2012	0.00						0.00	
Hillcrest Deaf/ Logan 2002	679.36						679.36	
Post High Field Trip 2011	1,145.39						1,145.39	
Signing Naturally 2011	1,683.50						1,683.50	
T Rouche 2007	6.78						6.78	

Department/Head	8-Dec-15 Balance	Doc # or Date	Deposits	Encum- brances	Withdrawals	Donor/Explanation	8-Jan-16 Balance	Program Balance
V Pichler's Classroom 2007	128.30						128.30	
Deaf Central Region/Jennifer Salazar								
Deaf Central Discretionary Fund	1,563.15	3987	100.00			Ogden City Bowery Refund	1,663.15	3,269.64
AGBell SLChapter 2004	1,506.49						1,506.49	
Millcreek Engineering	100.00						100.00	
Deaf South Region/Adam Billings								659.05
Deaf South Discretionary Fund	61.65						61.65	
Sevier County Area Press9	597.40						597.40	
Deaf JMS/Aimee Breinholt								21,519.75
Deaf JMS Discretionary Fund	10,130.98	3989	90.00			Wells Fargo	10,220.98	
A Breinholt Classroom 2013	7,412.36	5340			167.30	Mount Olympus	7,245.06	
Assoc. for Deaf Children 2009	274.27						274.27	
D Warren 2013	300.00						300.00	
E Hanna 2013	176.14						176.14	
Student Body Government 2009	1,873.66						1,873.66	
Sub for Santa	10.64						10.64	
Teacher Fund 2012	1,419.00						1,419.00	
D/PIP/Paula Pittman								21,406.93
PIP Deaf Family CampPress9	21,406.93						21,406.93	
Related Services/C Borling								11,434.45
Loaner Hearing Aid Bank Press9	3,202.11						3,202.11	
Prescription Glasses/Low Vision Aids 2002	7,984.66						7,984.66	
Emergency Kits 2009	47.68						47.68	
Speech/Language Clawson 2012	200.00						200.00	
Education Resource Ctr/H Murdock								4,494.99
Student Braille Materials Press9	200.00						200.00	
Eskuche Char Frndn Press9	91.44						91.44	
M White's Reading Prog Press9	43.26						43.26	
Devices f/r Blind/SLC Press9	1.20						1.20	
Devices f/r Blind Press9	1,134.89	5342			694.75	Toys for Special Children	440.14	

Department/Head	8-Dec-15 Balance	Doc # or Date	Deposits	Encumbrances	Withdrawals	Donor/Explanation	8-Jan-16 Balance	Program Balance
Devices for Deaf Press	305.91						305.91	
Technology Lending 2302	3,413.04						3,413.04	
Facilities/L Debenham and G Areano								1,926.56
*Campus Outdoor	1,926.56						1,926.56	
<b>TOTAL</b>	<b>633,609.65</b>		<b>156,268.50</b>		<b>2,711.64</b>		<b>787,166.51</b>	<b>787,166.51</b>

Checkbook Balance as of 12/31/2015

Subtotal  
 Checkbook Adjustments bank fee  
 Deposit Detail

27,387.97  
 27,387.97  
 29,043.35  
 Less - Checks Outstanding 8.00  
 5289 J Taylor 727.93  
 5338 Zagg 28.00  
 5335 Thanksgiving Point 694.75  
 5342 Toys for Special Children 196.70  
 5341 B Cottam

Checkbook Balance 27,387.97  
 Statement Balance 27,387.97

Public Treasurer's Investment Fund 12/31/2015 619,369.70  
 Interest as of 12/31/2015 408.84  
 Transfer funds Deposit 140,000.00  
 Medicaid Time Study 787,166.51  
 Donation Account Balance

\$0.00

Today, we are going to unveil together something that has been on our minds for a long time.  
Something that began 25 years ago.

---

Music as it has never been heard before!

  
Please do not record this presentation.  
Today's contents should be kept secret because they are too useful :D

# Health Music Music Mentorship Program

USDB Advisory Council - Salt Lake City, January 28<sup>th</sup>, 2016

Table of Contents

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- 2 Research & Analysis
- 3 Genote Algorithm
- 4 Process & Services
- 5 Genote Platform
- 6 Contact Us

# About US

## ...a bit about ourselves!

**Founder**



Massimiliano Frani

- Child prodigy with hundreds of concerts worldwide.
- Master teacher and lecturer at Juillard School (NYC), Maria Angerich Academy (Lake Como).
- Recorded and performed in Europe, US and Asia.

**Science**



Edoardo Guerra

- Top 50 Swimmers in the World and European Student Record holder.
- Graduate from Padua University in Sport and Clinical Psychology.
- Trained researcher, co-investigator in research studies in Europe and USA.

**Operations**



Kerry Baldwin

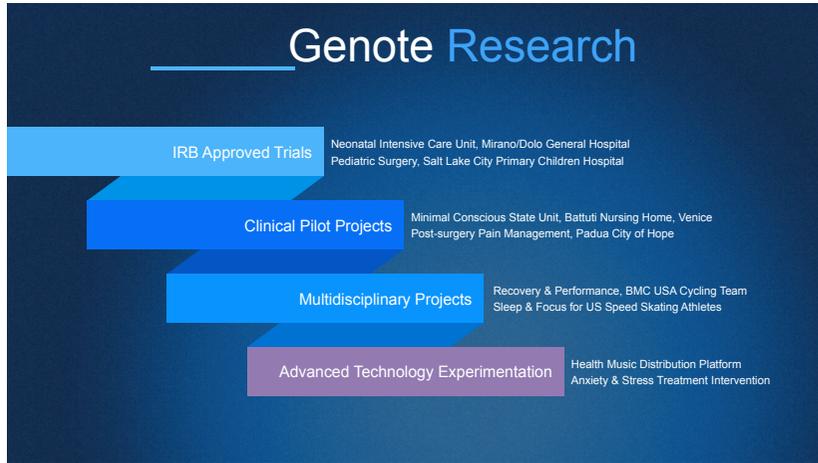
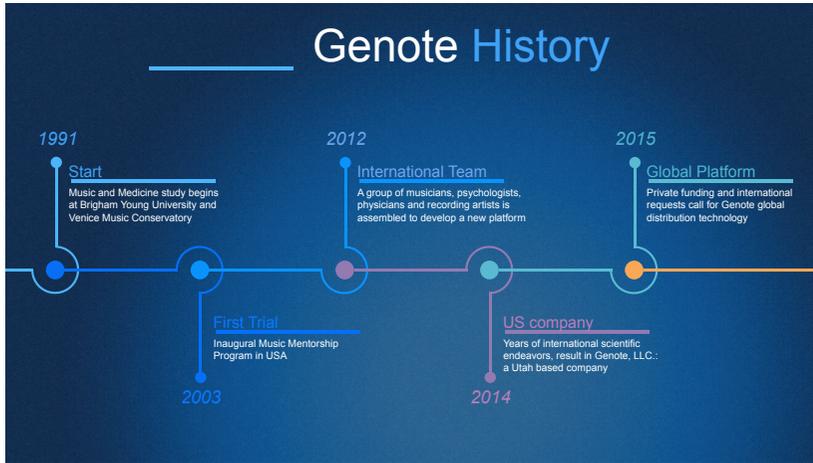
- Graduated in Communications and Law.
- Prolific musician, producer and performer with hundreds of live performances to his credit.

**Advisors**



Board of Directors

- Leaders and Advisors from the Technology, Industry, Medical and IP protection fields are devoting their talent and expertise to the research and business development of Genote.
- Along with our trained researchers, they guarantee our ability to further develop Genote services and reach as many people as possible.



## Genote Projects

SLC Primary Children

MCS Unit

Venice NICU

Tour De France

Anna's House

## Genote Pillars

- The patient can listen**  
Each patient can pay attention to someone or something, identifying the source of the sound.
- The patient can discern**  
Each patient possesses the ability to judge with a level of sophistication, taste and sensitivity.
- The patient can communicate**  
Each patient is capable of purposefully decide to share and convey a need or a thought.

## Music and Medicine

No standardized methods for musical selection is a common drawback in the studies reviewed and a likely contributor to inconsistencies across studies. Music is multidimensional and has been categorized by its arousal properties (relaxing/calming vs stimulating), emotional quality (happy, sad, peaceful) and structural features (e.g., tempo, tonality, pitch range, timbre, rhythmic structure). The vast majority of studies use music based on subjective criteria, (relaxing, stimulating, or pleasant/unpleasant). Methodological details are rarely provided regarding how such a determination was made.

Chanda, M. L., & Levitin, D. J. (2013). The neurochemistry of music. Trends in cognitive sciences, 17(4), 179-193.

## International Efforts

We gathered a few friends...

Scientists

Musicians

Psychologists

With a clear goal of establishing, measuring, and implementing a new method that can offer humanity non-invasive therapeutic change, we gathered hundreds of professionals to take on Music and Medicine their most fascinating challenges. We are now thousands and we are still counting!

Join us on facebook.com

Follow us on Twitter twitter.com

Write desk@genotelab.com

# Meet Our Scientific Board

Dr. Isabelle Purdy - Neonatologist, NICU, UCLA, Los Angeles, California, USA, CHAIR

Dr. Paola Cavicchioli - Neonatologist, (MD), NICU, Ospedale Dell'Angelo, Venice, Italy

Dr. Jessica Grahn - Neuroscience, Western Brain and Mind Institute, London, Ontario, Canada

Dr. Jeffrey Poffenbarger - Neurosurgery, Mary Washington Healthcare, Virginia, USA

Dr. Teppo Särkämö - Cognitive Brain Research Unit (CBRU), University of Jyväskylä, Finland

Dr. Sean Skelton - ENT Surgery, US Navy, California, USA

Prof. Mari Tervaniemi - Neurosciences of music, Universities of Jyväskylä and Helsinki, Finland

Jill Lex, Music Therapy Lecturer, Pianist and Clinicians – Brigham Young University

Dr. Benjamin M. Ogles - Dean, College of Family, Home, and Social Sciences, Professor of Psychology – Brigham Young University – Provo, Utah, USA

Maurizio Bertoldi, M.D. – Fapanni Clinic, Venice, Italy

# Genote Algorithm

# Genote Findings



**Rhythm**  
Measured flow of words or sound

01

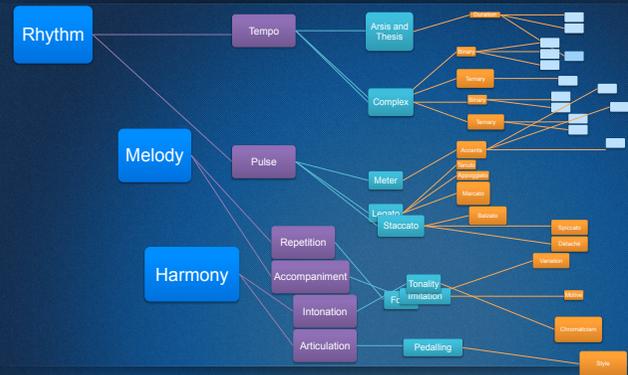
**Melody**  
Sequence of notes forming a meaningful pattern

02

**Harmony**  
Combination of simultaneous sound

03

# Genote Algorithm



## Our Music explained

*The Genote Proprietary Music Content*

- Hundreds of Compositions**  
Thousands of compositions have been analyzed, hundreds have been tested and clinically proven.
- 900 years in the making**  
All types of music – from the XII century to the modern era...
- Healthcare Standards**  
Each music file is provided with the highest possible sampling rate, fully optimized for clinical application.
- New Composers**  
Carefully selected musicians from prestigious artistic background.
- Consistent Superior Quality**  
Highest possible quality instruments, technicians, hardware and constant upgrade.
- New Composers**  
International artists have joined the Genote family and are working at new compositions.

## A sample of our Music

Example of Musical Protocol Structure AIS 

Track 1  
William Byrd  
*Pavan, per Early Music Ensemble*  
Duration 3:04 Bit Rate 320 kbps      Sample Rate 44,100 kHz      Size 7,1 MB

Track 2  
Johann Sebastian Bach  
*Nun Komm, Der Heiden Heiland, BWV 659, per Pianoforte*  
Duration 4:14 Bit Rate 1411 kbps      Sample Rate 44,100 kHz      Size 42,8 MB

Track 3  
Johann Sebastian Bach  
*Suite per Violoncello #5 in Do Minore, BWV 1011 – Sarabande*  
Duration 3:32 Bit Rate 320 kbps      Sample Rate 44,100 kHz      Size 8,9 MB

## Research & Analysis

## Research & Analysis

Understanding the needs

### Music – Mentorship: Research at Therapeutic Boarding School

Evaluation of a Structured Music Program for Adolescents with Behavioral Problems  
Dr. Lorin Broadbent, Dr. Massimiliano Frani, 2004-2005

**Methods**

- Comparative descriptive study
- 6000 hours of recorded activities
- Descriptive statistic to characterize the background sample using means, medians, standard deviations, percentages

**Intervention**

Investigate the utility of a daily music intervention structured to three settings (i.e. choir rehearsal, music aesthetics, and group therapy)

**Participants**

- Adolescents 16 to 18 years of age with behavioral problems
- Music Group: 125 patients

**Outcomes**

An interdependence between music content and mood changes, and behavioral responses.

### AIS – Auditory Incubator System in a Neonatal Intensive Care Unit

Staff evaluation of a QI Pilot Project at Dell'Angelo General Hospital, Venice - Italy  
Dr. Paola Cavicchioli, Dr. Edoardo Guerra, Dr. Massimiliano Frani 2013-2014

**Methods**

- Qualitative Research – Case Study
- Investigators were not blinded
- Evaluate the effects and feasibility of AIS on the nursing staff and parents during premature babies treatment in an ICU.

**Intervention**

The nurses received a survey before and after the project to evaluate their consideration of therapeutic effects and professional experience during throughout the period of implementation of Genote system.

**Participants**

14 Nurses and Research Managers in Neonatal Intensive Care Unit

**Outcomes**

- 16% better perception of Sleep Music Protocol GSMSP in clinical setting
- 16% better perception as professional experience
- Majority of parents wish to continue MET at the end of project. Better team work, environmental sound awareness, and work flow.

### Health Music and Athletic Recovery: Research at Venice Marathon

Evaluation of the effects of Genote Sleep Music on Creatine Kinase and Perceived Sleep Quality of Long Distance Runners  
Dr. Lucio Bigon, Dr. Edoardo Guerra, Dr. Massimiliano Frani, 2013

**Methods**

Randomized Controlled Study

**Intervention**

The music group listened to 30 minutes of GMSP each night before going to bed.

**Participants**

- Adults amateur athletes
- Music Group: 12 athletes
- Control Group: 13 athletes

**Outcomes**

- Decrease of CK levels (-30.1%)
- Increase of testosterone levels (8%)
- Better motivational/coping aspects

### AIS – Auditory Incubator System in a Neonatal Intensive Care Unit

Effects of a QI Pilot Project at Dell'Angelo General Hospital, Venice - Italy  
Dr. Paola Cavicchioli, Dr. Edoardo Guerra, Dr. Massimiliano Frani 2013-2015

**Methods**

Randomize Controlled Study to evaluate the effect of a Music Structured Listening Protocol (MET) to promote quiet sleep (QS) in neurologically healthy newborns.

**Intervention**

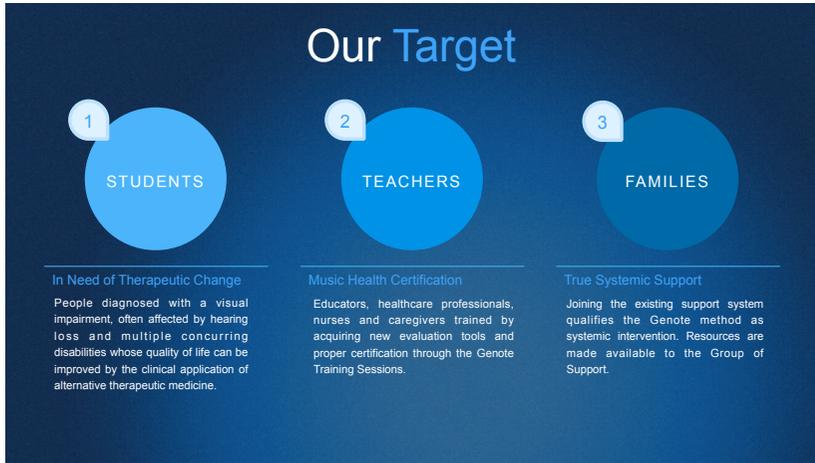
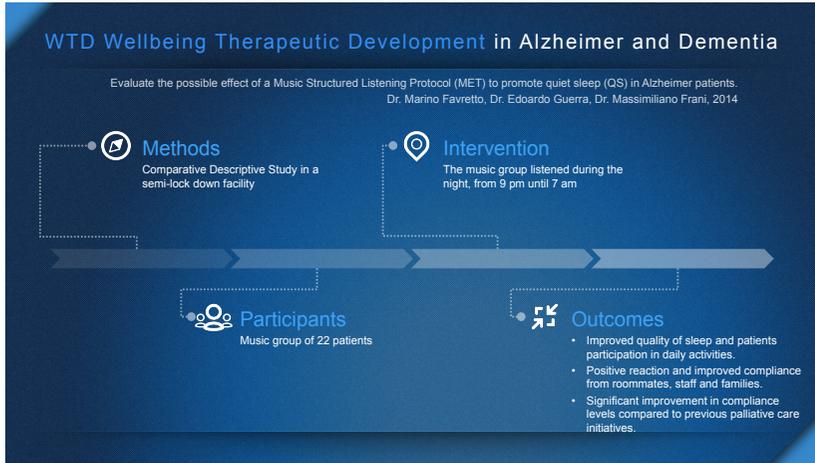
The music group listened for half hour twice/day on a sound level of (55-60 decibel).

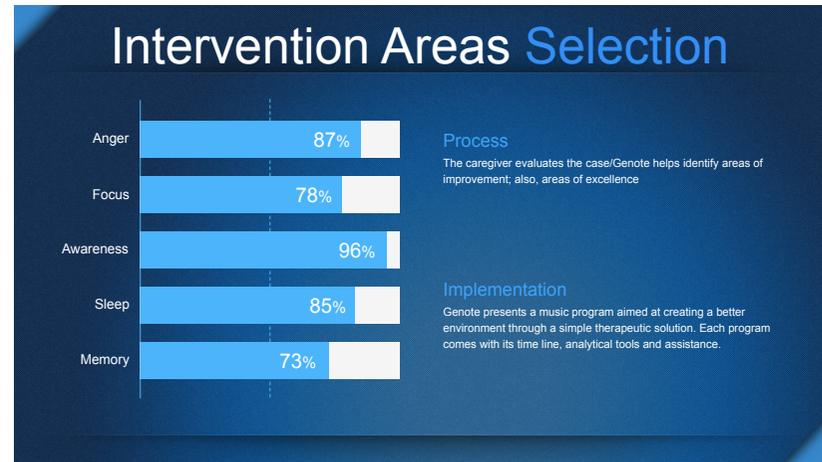
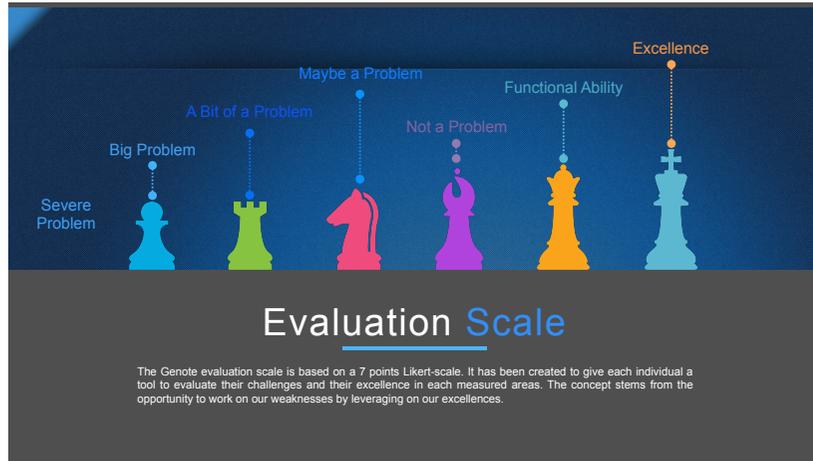
**Participants**

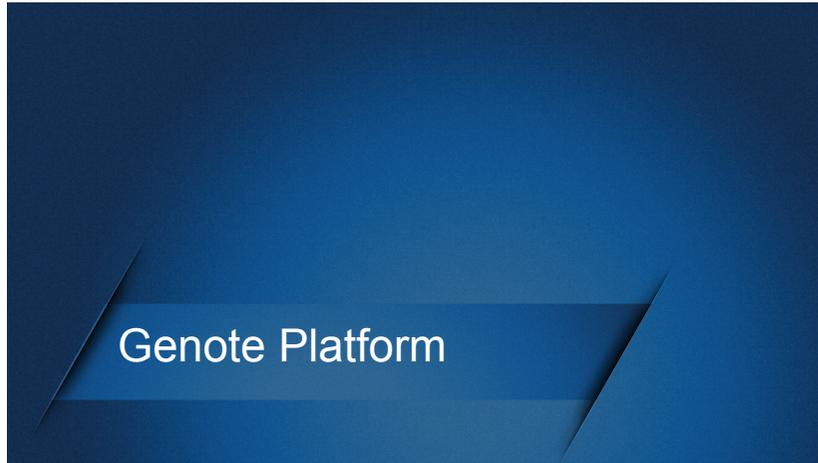
Sixteen newborns ≤31 weeks' gestational age

**Outcomes**

- Better transition of behavioral states (fussy or crying to active or deep sleep - 72%).
- Continued deep sleep from deep or active sleep (85%). No overstimulation.
- Improved vital parameters stabilization and no desaturation (HR range; Oxygenation range).







## Unique Features

**simple**  
Students and families use teacher's indications and unique access codes to days of Health Music and guidelines from Genote

**powerful**  
Best technology in the market for strong connection and distinct streaming

**valuable**  
Give teachers, students and families convenient access to high quality HEALTH MUSIC program

**available**  
Original music content always available for instant, multiple points of access

## Genote Platform

**New and powerful therapeutic tool**

Genote offers broad access to teachers, students and families for easy access to Health Music

# Health Music for everyone

The illustration shows a person in a teal suit holding a smartphone. To their left is a large white smartphone displaying the Genote app interface. The interface includes the Genote logo, a heading 'SETTING UP YOUR ACCOUNT IS EASY', and three steps: 'STEP 1: Account creation', 'STEP 2: Profile setup', and 'STEP 3: Account verification'. Below the steps are fields for 'CUSTOM URL' and 'ACCOUNT INFO' with a 'Name' label.

## 5 easy steps

```
graph LR; 1((1 Receive Access Code)) --- 2((2 Create Your Profile)); 2 --- 3((3 Follow Your Program)); 3 --- 4((4 Answer Your Questions)); 4 --- 5((5 Evaluate Your Progress));
```

The process has been designed to strengthen the student-teacher-parent relationship. Data shows improvement according to compliance.

## Value Cycle

The Value Cycle diagram consists of four quadrants arranged in a circle, connected by arrows in a clockwise direction. The central text is 'Value Cycle'. Each quadrant includes an icon and a brief description:

- Access** (Icon: three horizontal lines): Multiple points of access for therapy on the go, anywhere, anytime.
- Quality** (Icon: gear): Consistent and certified therapeutic value for patient, staff and families.
- Specificity** (Icon: scissors): Customization and follow up capabilities made available.
- Measurability** (Icon: target): Constant content development by continuous evaluation.

- 1 Make sure your speaker/headphones are optimized for high quality music.
- 2 Do not sell or distribute this Music Program.
- 3 Familiarize yourself with the available information.
- 4 For any further information, refer to [desk@genotelab.com](mailto:desk@genotelab.com)
- 5 Enjoy!

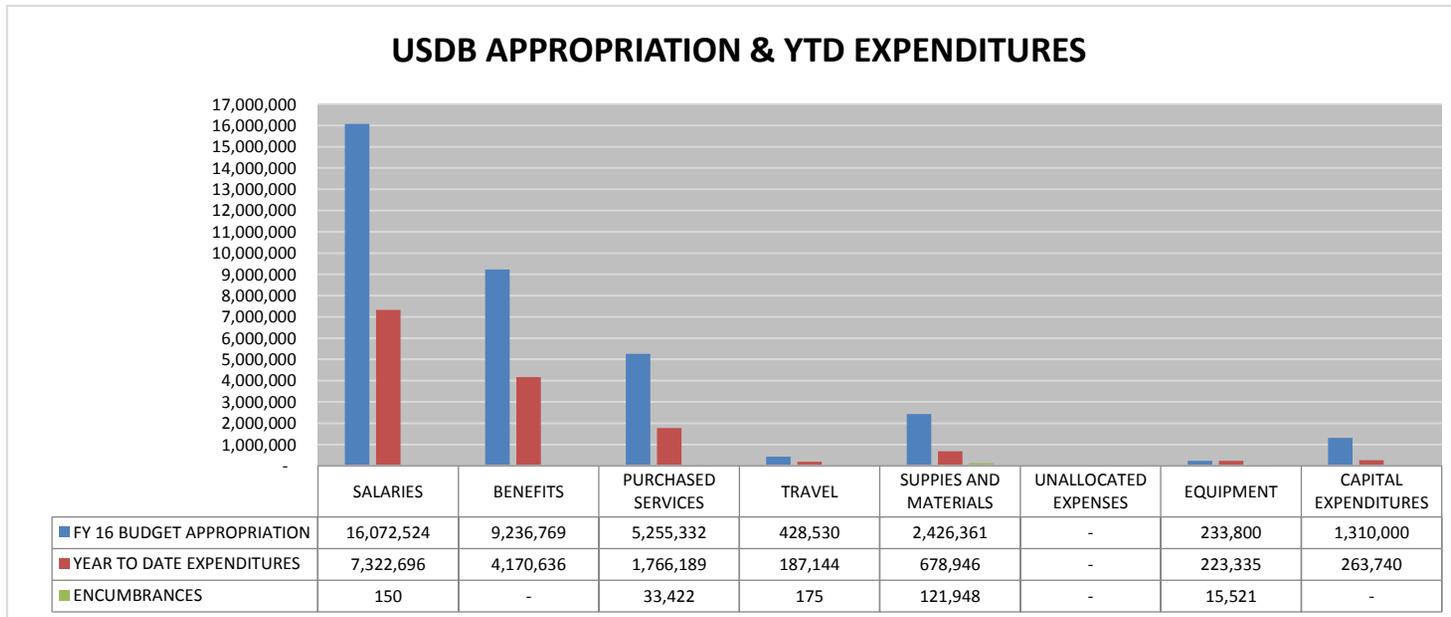
Thank you!  
Health Music  
Genote, LLC.  
966 East South Temple, Salt Lake City 84102

 facebook.com     twitter.com     desk@genotelab.com     +1 801 550-6152

**ADVISORY COUNCIL REPORT  
 APPROPRIATION UNIT DEAF AND BLIND SCHOOLS  
 FOR FISCAL MONTH ENDING DECEMBER 31, 2015 Fiscal Year 2016  
 50% OF YEAR REMAINING**

CATEGORY TITLE	FY 16 BUDGET APPROPRIATION	YEAR TO DATE EXPENDITURES	ENCUMBRANCES	BUDGET BALANCE	Last Year Expenditures	% SPENT
SALARIES	16,072,524	7,322,696	150	8,749,678	6,424,765	46%
BENEFITS	9,236,769	4,170,636	-	5,066,133	3,628,538	45%
PURCHASED SERVICES	5,255,332	1,766,189	33,422	3,455,721	2,101,101	34%
TRAVEL	428,530	187,144	175	241,211	179,481	44%
SUPPIES AND MATERIALS	2,426,361	678,946	121,948	1,625,467	651,388	33%
UNALLOCATED EXPENSES	-	-	-	-	-	0%
EQUIPMENT	233,800	223,335	15,521	(5,056)	309,765	102%
CAPITAL EXPENDITURES	1,310,000	263,740	-	1,046,260	-	20%
<b>TOTALS</b>	<b>34,963,316</b>	<b>14,612,686</b>	<b>171,216</b>	<b>20,179,414</b>	<b>13,295,038</b>	<b>42%</b>

58% OF BUDGET REMAINING



**Advisory Council Land Grant/Enrichment Funds Status (FY16)**

January for November 1, 2015 through December 31, 2015

<b><u>Beginning Balance</u></b>	<b><u>December</u></b>
	\$1,655,866.40
<b>Actual Expenditures</b>	<b>\$ <u>37,976.20</u></b>
<b>Remaining Balance:</b>	\$1,617,890.20
<b>Remaining %</b>	<b>93%</b>

**EXPENDITURE CATEGORIES:**

<b>PERSONNEL:</b>	\$ 15,799.12
<b>SUPPLIES AND MATERIALS:</b>	\$ <u>22,177.08</u>
	<b>\$ 37,976.20</b>

**PERCENTAGE OF EXPENDITURES:**

<b>PERSONNEL:</b>	<b><u>December</u></b>
	42%
<b>SUPPLIES AND MATERIALS:</b>	<b>58%</b>

<b>Fiscal YTD Total Expenses</b>	<b>\$ 130,002.81</b>
<b>Total Remaining %</b>	<b>93%</b>
<b>Total % Allotment Spent</b>	<b>7%</b>
<b>Funds Remaining</b>	<b>\$1,617,890.20</b>
<b>SPECIAL PROJECTS</b>	<b>\$750,000</b>
<b>AMOUNT REMAINING:</b>	<b>\$867,890.20</b>

**FY 2016 ENRICHMENT FUND PROJECT LIST**

<b>Associate Superintendent/Director (SFY 15)</b>	<b>Feel free to add additional line items (Projects)</b>	<b>AC Subcommittee Recommended Amount</b>	<b>Comments</b>
<b>FY 2015 CARRY FORWARD</b>		<b>\$ 1,747,900.00</b>	
Lasater/Clark	Expanded Core Curriculum	\$100,000.00	Started the curriculum
Tanner	Extra Curricular Activities	\$100,000.00	
Lasater	UWIN (Utah Work Initiative Network)	\$18,000.00	Slated for use in June 2016
Boring	AT Devices	\$5,000.00	
Lasater/Judkins	Low Vision Clinic Equipment	\$21,500.00	Started the project
Boring	FM Systems (to loan to districts & charter schools)	\$10,000.00	
Tanner/Pittman	Deaf Mentor Program	\$48,000.00	
Lasater/Hearn	Classroom Hydraulic massage mat	\$3,000.00	In process; reviewing vendors
Lasater/Borg/Hearn/Patten	Sensory Garden Phase I & II Development	\$10,000.00	Completed
Pierce	Emergency Preparedness	\$10,000.00	
Tanner/Lasater	Sheds	\$2,500.00	Completed
Lasater/Clark	Tandem Bicycles - Ogden Campus	\$2,500.00	Completed
Lasater/Tanner	Baseball Diamond (deaf/blind- field back of Ogden campus)	\$100,000.00	In process
Areano	Ogden Campus Playgrounds	\$350,000.00	Currently reviewing different bids
Boring	Canes	\$4,000.00	Completed
Lasater	Blind Space Camp	\$5,000.00	Slated for use spring 2016
Advisory Council	Dance Performance Material	\$500.00	Slated for use spring 2016
Lasater/Patten/Borg	Mobile Sensory Kits	\$5,000.00	Completed
Lasater/Clark/Hearn	Kitchen Dishes - ECC Demo Lab - Ogden	\$500.00	In process
Boring (Audiology Services-6110)	Medical Supplies (6219)	\$30,000.00	Completed
Boring (Physical Therapy-6130)	Educational & Recreational (6184)	\$6,500.00	Completed
Tanner (Audiometer - 6110)	Audiometers for Hearing Screenings of Charter Schools	\$7,500.00	
Murdock (Statewide Resource Center-6340)	Educational and Recreational (6184)	\$2,000.00	
Murdock (Statewide Resource Center-6340)	Books and Subscriptions (6185)	\$4,000.00	
Murdock (Ogden Library-6342)	Educational and Recreational (6184)	\$4,000.00	
Murdock (Ogden Library-6342)	Library Audio Visual Materials (6254)	\$4,200.00	
Murdock (Salt Lake Library-6343)	Library Books and Pamphlets (6251)	\$5,000.00	
Felt (Information Technology-6900)	Smartboards	\$10,000.00	
Felt (Information Technology-6900)	Tele-Intervention iPads	\$6,000.00	
Felt (Information Technology-6900)	Remaining computers needed for mobile lab carts	\$28,000.00	
Coleman	Special Projects	\$750,000.00	
<b>TOTAL PROJECT COSTS</b>		<b>\$1,652,700.00</b>	
<b>FUNDING BALANCE as of December 2015</b>		<b>\$95,200.00</b>	