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Guam System for Assistive Technology (GSAT) Annual Report
Project Period: October 1, 2015 to September 30, 2016

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About GSAT
The Guam System for Assistive Technology (GSAT) is a program funded by the Assistive Technology Act of 2004, through a federal grant from the U.S. Department of Health and Human Services, Administration for Community Living. This grant is administered by the University of Guam Center for Excellence in Developmental Disabilities, Education, Research, and Service (Guam CEDDERS). Listed below are the numbers and types of services provided by GSAT during the project period from October 1, 2015 to September 30, 2016.

Device Demonstrations: 58
GSAT provides information on assistive technology, opportunities for “guided exploration,” and assistance in making an informed decision about the best AT to meet one’s needs.

30-Day Device Loans: 67
The AT Lending Library loaned 67 assistive technology devices for 30-days. Devices were taken home, to school, or the workplace, so individuals can make a decision if the AT meets their need before purchasing the device.

Device Reutilization: 9
Assistive technology (AT) reutilization involved transferring a used devices from someone who no longer needs it to someone who does.

Financial Loans for AT: 9
The Akudi Loan Program under GSAT provided an alternative financing program to purchase assistive technology devices and services to meet the specialized needs of individuals.

Information and Referral: 253
The GSAT program responded to 253 requests for information on AT products, devices, services, funding source, or other related disability topics. This information is provided in person, via telephone, or during outreach activities.

Public Awareness: 63, 158
Activities that are designed to reach large numbers of people, including activities such as outreach events, fairs, public service announcements, radio talk shows and news reports, newspaper stories and columns, newsletters, brochures, and public forums. Number of people reached: 63, 158.

Training: 3
Training activities are instructional events, usually planned in advance for a specific purpose or audience that are designed to increase participant knowledge, skills, and competencies regarding AT. Such events can be delivered to large or small groups, in person, or via telecommunications or other distance education mechanisms. In line with the National Disability Employment Awareness Month, GSAT conducted training on “AT Utilization in the Workplace” on October 8, 2015. On November 20, 2015, training was provided to staff of the Small Business Development Center (SBDC). The training demonstrated how to create accessible text documents using Microsoft Word and how to create accessible and tagged PDFs in Adobe Acrobat Pro. On March 4, 2016, GSAT conducted its 22nd Annual Assistive Technology Conference. With the theme “Making the Move!” the conference highlighted strategies that promote successful transitions for youth with disabilities on Guam.

Technical Assistance: 1
A service that assist programs and agencies in improving their services, management, policies, and/or outcomes. GSAT staff provided three hours of technical assistance to the University of Guam’s Telecommunication and Distance Education Operation (TADEO) program to enable access from the BrailleNote Apex to the UOG Moodle Website on February 10, 2016. This is the fulfillment on the Section 508 and Section 255, and Website Accessibility areas.

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Device Demonstration – Community Living

After a car accident in 2009, Pamela was diagnosed with Optic Neuropathy that ruptured her optic nerve which resulted in significant loss of her vision. In September 2016, her condition was termed Optic Atrophy since there was no improvement in her eyesight. She saw an ophthalmologist hoping to get prescription glasses, but was told that it wouldn’t improve her ability to see. Her vision was impacted to the point where when going grocery shopping, she needed the assistance of her children to identify the items and check prices as at times she was overcharged for misread items. Pamela was prompted to visit GSAT when she listened to a news segment on local TV. After attending a demonstration of the Smartview Versa +, a handheld magnifying device, Pamela quickly arranged to borrow the device. She is very excited and happy to be able to read labels without relying on others to read for her.

(Photo 1) Pamela trying out the Smartview Vera + device at the GSAT Demo/Model home.
(Photo 2) Photo of Pamela

Number of Device Demonstrations and Loans by Type

Pic chart data shown as follows:

* Orange: Environmental Adaptations 2%
* Light blue: Daily Living 5.1%
* Magenta: Mobility, Seating, and Positioning 31.6%
* Green: Learning, Cognition, and Developmental 7.4%
* Yellow: Speech Communication 11%
* Red: Hearing 2.2%
* Dark blue: Vison 30.1%
* Light purple: Recreation, Sports, and Leisure 2.2%
* Computers and related: 88%

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Device Loan – Education

Finia is a college student who lost her vision when she was two years old from Scarlet Fever. She has been visiting the GSAT center to use Job Access With Speech (JAWS), a screen reading software. In August 2016, the software was lent to her, while she waited for her AT on order from the Vocational Rehabilitation agency. Through GSAT’s short term loan program, she was able to use the software to access print materials at school. This screen reading tool helped with essays, presentations, and online research.

(Photo to right of text) Finia using JAWS on a laptop in the GSAT Office

Device Reuse – Employment

At 21, Francis was diagnosed with an Arterial Venus malformation of the brain, which affected his nerves, mobility, and speech. He is a library Technician I and is currently pursuing a Bachelor’s Degree in Public Administration. Francis requested text to speech software to assist in a class presentation. The Snap and Read Software was installed on his computer for this purpose. As an auditory learner, the software also helps him study for exams and recall reading materials.

(Photo to right of text) Francis using the Snap and Read Software on his computer at work

Number of Device Demonstrations and Loans by Participant

Pie chart data shown as follows:

* Yellow: Representative of Education 27.2%
* Red: Family members, Guardians, or Authorized Representatives 28%
* Green: Individuals with Disabilities 30.4%
* Blue: Representative of Community Living 5.6%
* Purple: Representative of Health, Allied Health, and Rehabilitation 8.8%

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Financial Loans – Assistive Technology

The Guam System for Assistive Technology (GSAT) partnered with a local television station to film a 5-part series that was broadcast on March 14-18, 2016 during prime time news. The series highlighted GSAT’s services, including Loan Programs and AT Fair. The segments reached 34,911 viewers. Andy, one of the loan recipients featured in the series was an individual who had been a firefighter for over 30 years. Complications from Diabetes resulted in his left leg being amputated. He uses a power wheelchair for mobility. Eager to get back to work, his lack of transportation was holding him back. On February 5, 2016, he received funding through GSAT’s Guam Options for Alternative loans to purchase an accessible van. The accessible van he purchased included a rear ramp and allows him to leave the house to go to work, doctors appointment, shopping, movies, and everything that the typical person would do.

(Photo to right of text) Photo of Andy Arceo, and his wife, Rose Arceo posing next to their new accessible van

Akudi Loans by Categories

Bar graph data shown as follows:

Type of AT Device/Service, Number of AT Device/Service(s), Dollar Value of Loans

* Vision: 1 – $1,269.00
* Hearing: 5 – $14,450.00
* Vehicle modification and transportation: 1 – $31,140.00
* Computers and Related: 2 – $3,055.00
* TOTAL: 9 – $49,914.00

\*Categories that did not receive any requests for loan:

* Speech Communication
* Learning, Cognition, and Developmental
* Mobility, Seating, and Positioning
* Daily Living
* Environmental Adaptations
* Recreation, Sports, and Leisure

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(Photo) The Guam System for Assistive Technology Advisory Council group photo

The GSAT Advisory Council met on a quarterly basis during the year. Current membership includes: (Standing L-R) Christina Jung, Guam CEDDERS Research Associate; Lee Perez; Leah Abelon, GSAT Center Coordinator; Kirsten Bamba, Sign Language Interpreter; Rosanne Ada, Guam Developmental Disabilities Council Director; Phyllis Topasna, Guam Department of Labor/American Job Center Representative; Lou Mesa, Secretary; Naomi Sanchez, Guam Legal Services Corporation-Disability Law Center Representative; Nichol Napoleon, Guam Department of Education Representative; Jude Ogo; Jeff Warfield, Department of Integrated Services for Individuals with Disabilities/Division of Vocational Rehabilitation, Division of Support Services Representative; Barbara Johnson, Vice Chairperson; Dawn Maka, Member at Large. (Sitting L-R) Tom Manglona; Victor Tuquero; Josephine Cortez, Member at Large; and Rudy Ignacio, Chairperson.

For more information, visit [www.gsatcedders.org](http://www.gsatcedders.org)

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