



# Fiscal Note and Budget Item Follow-Up Report

Executive Appropriations Committee

ISSUE BRIEF

## SUMMARY

This report follows up on selected fiscal notes and budget actions from past legislative sessions. It assesses past estimates of cost, time, and output made by agencies, advocates, and the Legislative Fiscal Analyst, depending upon the item. The report aims to improve the accuracy of similar estimates in future sessions and to identify other budget recommendations, such as rescission of unused funds.

For each item, the report has five elements:

- **Financial Summary:** What was the original estimate, original appropriation, and actual amount experienced?
- **Explanation:** What was the budget item intended to achieve?
- **Implementation:** Was the budget item implemented in a timely manner?
- **Accuracy:** Was the fiscal note or estimate accurate compared to actual experience?
- **Performance:** Were high quality performance metrics used to assess the value of the budget item to the State?

The authors of this report show status of implementation, accuracy, and performance using a “red-yellow-green” stop-light indicator where green is good, yellow is caution, and red is warning. Detailed scoring criteria are available on the last page of this report in Appendix A.

The report is organized by Appropriations Subcommittee, year, and then alphabetically by item name. This year’s report contains items from the 2013 through 2017 General Sessions. An item’s legislative session is indicated in the top left corner of each page.

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# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2015 G.S. Demographic Decision Support

Committee: HED

Analyst: Thomas Young

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$450,000	\$0	\$450,000	\$0	\$450,000	\$450,000	\$0

### Explanation

During the 2015 General Session, the Legislature appropriated \$450,000 ongoing General Fund to the University of Utah - Kem C. Gardner Policy Institute for the purpose of providing demographic projections and other economic support to the Legislature and other interested parties.

### Implementation

The institute began development of the models on July 1, 2015. The first iteration of a complete product was delivered to the Office of the Legislative Fiscal Analyst on June 29, 2017, which covered demographic projections by county, age group, gender, race, and other characteristics. Over the course of the two years, the Institute has provided demographic support on an ongoing basis.

### Accuracy

The institute used the entire amount for hiring a demographic modeler, an administrator, and a demographic support professional.

### Performance

Following two years of development, the final product was delivered one day before the end of FY 2017. In the process of developing the demographic projections models, the Institute provided demographic support on an ongoing basis.

# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. American Legion Boy's State & Girl's State

Committee: HED

Analyst: Spencer Pratt

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$50,000	\$0	\$50,000	\$0	\$50,000	\$50,000	\$0

### Explanation

Each year, Weber State University hosts Boys' State and Girls' State. The Legislature appropriated \$50,000 ongoing from the Education Fund to help defray the costs of these events.

### Implementation

Weber State University began pre-paying initial conference costs for these two programs in October 2016. Vendors, including food services, have requested pre-payment to ensure services will be available at the appropriate times for the two events.

### Accuracy

The total estimated costs of these two programs is approximately \$150,000. About \$100,000 is covered through participation fees and the American Legion, leaving a balance of approximately \$50,000, which was the amount the Legislature appropriated. All funds have been expended for the June 2017 programs.

### Performance

Weber State University reports the following three measures:

- Total number of attendees allowed to participate due to lower participant tuition;
- Total number of Political Science credit hours earned by attendees (three hours per participant); and
- Total monetary value of college scholarships offered. (2016 amount was approximately \$3 million.)

# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. BATC Campus Program Expansion

Committee: HED

Analyst: Jill Curry

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$313,900	\$0	\$313,900	\$0	\$313,900	\$547,100	(\$233,200)

### Explanation

The Legislature appropriated \$2.5 million ongoing from the Education Fund to the Utah College of Applied Technology (UCAT) for program expansion at the applied technology colleges. Bridgerland Applied Technology College (BATC) used its appropriation of \$313,900, along with savings from internal efficiencies and natural attrition, to fund automated manufacturing and robotics at its Brigham City campus, a controls engineering technician, instructors for its Early Morning (AM STEM) Robotics Academy, an instructional designer to assist all BATC programs with online and non-traditional access, a reboot of information technology at the main campus, an information technology program at the Brigham City campus using hourly employees, a web and mobile development program, and operation and maintenance costs for the new automated manufacturing/robotics and composites lab at the Brigham City campus.

### Implementation

BATC began planning for the eight programs that were created, expanded, or enhanced with this funding on or before July 1, 2016, and began spending the funding on July 1, 2016 with expenditures for compensation and benefits for the newly hired instructors starting with the first pay day on July 25, 2016.

### Accuracy

As of May 1, 2017, BATC spent the entire appropriation. To fund the programmatic changes that were made, BATC also utilized savings of \$233,200 from internal efficiencies and natural attrition.

### Performance

BATC used the following performance measures to determine the efficacy of this funding:

1. An increase in membership hours. BATC has targeted an increase of 50,018 membership hours. Fiscal year (FY) 2017 student data are not yet finalized; however, preliminary data show that there has been an increase of 13,156 membership hours three-quarters into the fiscal year.
2. An increase in student headcount. BATC has targeted an increase of 56 in student headcount. FY 2017 student data are not yet finalized; however, preliminary data show that there has been an increase of 291 in student headcount three-quarters into the fiscal year.
3. An increase in certificates awarded. BATC has targeted an increase of 43 certificates awarded. FY 2017 student data are not yet finalized; however, preliminary data show that there has been an increase of 18 certificates awarded three-quarters into the fiscal year. This number is expected to continue to increase as the additional students enrolled progress through the programs.



# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. DATC Campus Program Expansion

Committee: HED

Analyst: Jill Curry

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$363,000	\$0	\$363,000	\$0	\$363,000	\$379,600	(\$16,600)

### Explanation

The Legislature appropriated \$2.5 million ongoing from the Education Fund to the Utah College of Applied Technology (UCAT) for program expansion at the applied technology colleges. Davis Applied Technology College (DATC) used its appropriation of \$363,000 to fund additional instructors in cyber security and coding, an additional position in academic development, expanded instructional opportunities in the additive manufacturing, composites, and welding programs, and to offset an unfunded increase in property insurance through the Division of Risk Management.

### Implementation

DATC began program planning before July 1, 2016, and began spending the funding beginning July 1, 2016.

### Accuracy

As of June 30, 2017, DATC spent the entire appropriation. To fund additional expenses incurred during the expansion of the composites program, DATC also utilized \$16,600 from dedicated credits revenue.

### Performance

DATC used the following performance measures to determine the efficacy of this funding:

1. An increase in membership hours;
2. An increase in student headcount; and
3. An increase in certificates awarded, job placements, or licensure.

Fiscal year 2017 student data are not yet finalized; however, preliminary data show that, as of March 31, 2017, there has been a 3.6 percent increase in membership hours in the information technology program which includes cyber security and coding.

# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. Dixie State Univ. and Univ. of Utah Healthcare Partnership

Committee: HED

Analyst: Spencer Pratt

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$1,500,000	\$0	\$1,500,000	\$0	\$1,500,000	\$652,400	\$847,600

### Explanation

The Legislature approved ongoing funding from the Education Fund for the development of an extended University of Utah (UU) Physician Assistant Program in St. George on the Dixie State University (DSU) campus. The purpose of the program is to provide DSU students with a Physician Assistant program that meets the Accreditation Review Commission for the Physician Assistant (ARC-PA) standards. The program includes delivery (curriculum, pedagogy, methodology, and student support services); clinical sites and preceptorships; community engaged service learning sites; classroom space analysis; research and development of Interactive Video Conferencing (IVC); physical facilities; and accreditation request.

### Implementation

Implementation of this new program involved frequent meetings with DSU and UU leadership, development of a Memorandum of Understanding, and selection of new faculty for the DSU campus. DSU also purchased and installed IVC equipment, and classroom and office furnishings on the DSU campus.

### Accuracy

The program is currently operating under budget. Cost savings are attributable to the development of a partnership with Utah Education Network for the technology and installation of IVC equipment, space utilization, faculty attrition, project management, and IT staff. Once the program is fully operational and fully staffed, the appropriations should be in line with total costs.

### Performance

The University of Utah and Dixie State University have identified the following three performance measures:

- Application for accreditation submitted to ARC-PA on 16 July 2017;
- Site visit by ARC-PA completed on 6 October 2017; and
- Matriculation of first cohort at DSU - summer 2018.

# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. DXATC Campus Program Expansion

Committee: HED

Analyst: Jill Curry

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$280,500	\$0	\$280,500	\$0	\$280,500	\$280,500	\$0

### Explanation

The Legislature appropriated \$2.5 million ongoing from the Education Fund to the Utah College of Applied Technology (UCAT) for program expansion at the applied technology colleges. Dixie Applied Technology College (DXATC) used its appropriation of \$280,500 to expand its medical programs including the pharmacy technician and medication aide programs due to industry demand and its informational technology program which was started without ongoing funding. DXATC also used the funding to continue development of the culinary arts program which is set to fully roll-out with the opening of the permanent campus building in fall 2017.

### Implementation

DXATC began planning for the culinary arts program in spring 2015, for the information technology in August 2015, and for medical programs prior to July 2016. DXATC began spending on July 1, 2016.

### Accuracy

As of June 30, 2017, DXATC spent the entire appropriation.

### Performance

DXATC used the following performance measures to determine the efficacy of this funding: the accrediting body, the Council on Occupational Education (COE), requirements for completion and placement. Fiscal year (FY) 2017 student data are not yet finalized; however, preliminary data show that there has been an increase in student headcount in the information technology program from 23 to 38 students with a waiting list of 21 students. These students are expected to complete the program in mid-FY 2018. The new medication aide program has had seven students complete and 20 students began the program in June 2017.

# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. Huntsman Cancer Institute

Committee: HED

Analyst: Spencer Pratt

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$1,200,000	\$0	\$1,200,000	\$0	\$1,200,000	\$1,200,000	\$0

### Explanation

The Legislature approved one-time funding of \$1.2 million from the General Fund to support the Huntsman Cancer Institute's research activities. Specifically, the funding is for the Institute's participation in the Oncology Research Information Exchange Network (ORIEN) and to support clinical research and compliance activities.

The ORIEN began during the Summer of 2016, which allows the Institute to enroll cancer patients on a clinical research protocol (Total Cancer Care) that is available to select cancer centers around the country. It matches patients (voluntarily) to clinical trial developments in other areas of the country and evaluates healthcare outcomes throughout the patient's lifetime. The initiative is aligned with the Institute's mission and strategic research focus in cancer genetics.

### Implementation

The Huntsman Cancer Institute began using the funding for the ORIEN participation on July 1, 2016, monitored by two members of the Institute's senior leadership team. Funding was also used for clinical research activities, also overseen and monitored by the senior leadership team. Progress on clinical research programs is regularly reported to the National Cancer Institute as part of the Cancer Center Support Grant. The Clinical Research Executive Committee works to ensure that Institute resources are directed to those trials that have the highest potential impact for patients.

### Accuracy

The total ORIEN budget for FY2017 was \$380,100 and the total clinical research budget was \$13.2 million. The Institute used the \$1.2 million to supplement the budgets of the two projects described above.

### Performance

By the end of June, 2017, the Institute is projecting that more than 1,000 patients will be enrolled in the ORIEN Total Cancer Care study. The Institute has more than 200 clinical trials going on at any given time. Its goal for new cancer patient participation in these clinical trials is at or above 12 percent, compared to the national average of 2 - 4 percent.

# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. Market Demand Programs

Committee: HED

Analyst: Spencer Pratt

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$5,000,000	\$0	\$5,000,000	\$0	\$5,000,000	\$3,858,400	\$1,141,600

### Explanation

The Legislature approved \$5 million (ongoing, from the Education Fund) to the Utah System of Higher Education for Market Demand Programs. The funding was allocated to the eight USHE institutions to help them adjust programs to better meet the workforce needs of their specific areas.

The distribution of the \$5 million was:

University of Utah	1,800,000
Utah State University	1,200,000
Weber State University	435,900
Southern Utah Univ.	183,300
Utah Valley University	578,800
Snow College	115,500
Dixie State University	173,300
Salt Lake Comm. College	513,500

Each institution identified specific areas that would support students in areas of high workforce demand.

The University of Utah hired new faculty in Mines, Science, Engineering, Health, Nursing, and Pharmacy.

Utah State University utilized funding to support its research library and expanded graduate school education.

Weber State University created new faculty positions in Computer Science, STEM education, Health Administration, and Supply Chain Management.

Southern Utah University added new faculty primarily for General Education courses (English, Biology, Chemistry, Computer Science and Information Systems) to alleviate bottlenecks in STEM and Business.

Utah Valley University expanded capacity in its Nursing program, digital media and information technology, and purchased equipment for its Mechatronics courses.

Snow College used the funding to upgrade machinery and technology for its newly reactivated construction management program.

Dixie State University created two new faculty positions in Dance and Exercise Science.

Salt Lake Community College addressed the following four programs - Respiratory Therapy, Math, and Custom Fit, and Workforce Demand Initiatives to support private industry.

### Implementation

All of the institutions began implementation of the programs listed above between July 1, 2016 and September 1, 2016. Efforts included program development, recruiting faculty, curriculum development, and assessment.

### Accuracy

Generally, funding that was allocated for salary and benefits for new positions has been completely allocated, but in some cases, there has been a delay in the actual recruiting. In those cases where the full amount is not expended, it will carry forward for future expenses. Funding that was allocated for non-personnel costs has been expended.

### Performance

The University of Utah reports that the success of this funding will be measured by the ability to recruit and retain faculty in four strategic research areas and recruit students in key PhD. Programs, and their graduation and job

# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. Market Demand Programs

Committee: HED

Analyst: Spencer Pratt

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$5,000,000	\$0	\$5,000,000	\$0	\$5,000,000	\$3,858,400	\$1,141,600

placement rates.

Utah State University lists the number of graduate students who receive support as the measurements.

Weber State University reports that more computer science courses have reduced the need for overload and STEM majors' measures will show up in the number of degrees, time to degree completion, and graduate placement.

Southern Utah University indicates that this funding will be reflected in higher retention rates, and further on, in increased graduation rates and reduced time to degree completion.

Utah Valley University increased Nursing majors from 238 to 265, Digital Media majors from 840 to 881, Information Systems and Technology majors from 568 to 619.

Snow College will monitor the enrollments in the construction management program and composites program over the next several years.

Dixie State University will track performance in enrollment, number of declared majors, and student/faculty ratios.

Salt Lake Community College will track the number of students served, the industries served and the increase in training that is provided.

# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. MATC Campus Program Expansion

Committee: HED

Analyst: Jill Curry

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$396,000	\$0	\$396,000	\$0	\$396,000	\$396,000	\$0

### Explanation

The Legislature appropriated \$2.5 million ongoing from the Education Fund to the Utah College of Applied Technology (UCAT) for program expansion at the applied technology colleges. Mountainland Applied Technology College (MATC) used its appropriation of \$396,000 to expand the information technology program through new courses, dedicated ongoing funding for instructors for the web programming and development collaboration with Xactware, and new computer labs. MATC also used part of the funding for a newly established program in advanced manufacturing.

### Implementation

MATC began program planning before July 1, 2016. In particular, MATC started planning for web programming in 2015 and for information technology in August 2015. MATC began spending the funding on July 1, 2016.

### Accuracy

As of June 30, 2017, MATC spent the entire appropriation with expenditures distributed evenly over the course of the fiscal year. The appropriation was used to fund one full-time equivalent (FTE) instructor to expand the information technology program through new courses at both the Orem and Heber campuses, two FTE instructors for the web programming and development collaboration with Xactware which was initially funded using grant money, the installation of two new computer labs for the expanded information technology programming, and one FTE instructor for a newly established fitting program as the initial program offering in advanced manufacturing.

### Performance

MATC used performance measures of rates of completion and placement to determine the efficacy of this funding. Programs are expected to meet the baseline metrics established by the Council on Occupational Education (COE) which is their accrediting body. Once the new programs are established, MATC will have baseline data from which to develop future targets.

# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. Natural History Museum of Utah

Committee: HED

Analyst: Spencer Pratt

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$200,000	\$0	\$200,000	\$0	\$200,000	\$200,000	\$0

### Explanation

The Natural History Museum of Utah requested funding to help provide for the safety, security, exhibits, and infrastructure of the Museum. The Legislature approved a one-time appropriation of \$200,000 from the Education Fund for FY 2017.

### Implementation

The Museum reported that funds were spent beginning July 1, 2016.

### Accuracy

The \$200,000 one-time funding was allocated as follows:

\$60,000 (24 percent) for safety and security;

\$100,000 (40 percent) for exhibits; and

\$90,000 (36 percent) for infrastructure.

This funding spread is the historical trend of recent expenditures at the Museum.

### Performance

The Museum's standard performance measures include:

Total on-site attendance (262,157);

Total off-site attendance (171,886);

Total public school interactions (1,539; and

Total student and teacher interactions (122,308).



# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. OWATC Campus Program Expansion

Committee: HED

Analyst: Jill Curry

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$351,000	\$0	\$351,000	\$0	\$351,000	\$351,000	\$0

### Explanation

The Legislature appropriated \$2.5 million ongoing from the Education Fund to the Utah College of Applied Technology (UCAT) for program expansion at the applied technology colleges. Ogden-Weber Applied Technology College (OWATC) used its appropriation to expand the practical nursing program from one to two cohorts meaning better utilization of program classrooms and laboratories year-round and also regional clinical sites. The college also expanded its composite program and outcome reporting to increase capture of student outcome data which supports accreditation, planning, and reporting activities.

### Implementation

OWATC began program planning before July 1, 2016. For practical nursing, OWATC announced the increase from one to two cohorts in April 2016 and communicated this change to all practical nursing applicants. OWATC began spending funding on July 1, 2016.

### Accuracy

As of June 30, 2017, OWATC spent the entire appropriation. Ogden-Weber Applied Technology College (OWATC) used its appropriation of \$351,000 as follows: \$206,000 to expand the practical nursing program from a single cohort of 40 students per year to two cohorts of 24 students per year. The college expanded its composite program using \$85,000 of the appropriation to add an additional faculty member to support increased enrollment and the delivery of composites training for the Ben Lomond High School Utah Aerospace Pathway program. Finally, the appropriation expanded outcome reporting using \$60,000 to hire an additional outcome reporting specialist, buy software and hardware, and provide training to faculty and staff.

### Performance

OWATC used student headcount in both the practical nursing and composites programs as the performance measure to determine the efficacy of this funding. OWATC targeted an increase from one cohort of 40 students in fiscal year (FY) 2016 to two cohorts of 24 in FY 2017. The program met this performance measure with 48 students enrolled and expanded use of clinical sites. For the composites program, student headcount was 219 students from July 2016 through March 2017 which is an increase of 81 students compared to the same timeframe the previous year. In terms of outcome reporting expansion, OWATC's target was the development and implementation of automated completion, placement, and licensure reporting in Tableau available to faculty and staff monthly. OWATC met this objective with monthly reporting available beginning in January 2017 with additional faculty training in March 2017.

# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. S.B. 118 - Uintah Basin Air Quality Research Project

Committee: HED

Sponsor: Sen. Kevin Van Tassell

Analyst: Spencer Pratt

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$250,000	\$0	\$250,000	\$0	\$250,000	\$250,000	\$0

### Explanation

S.B. 118, Uintah Basin Air Quality Research Project, passed during the 2016 General Session, assigned the task of conducting an air quality research project in the Uintah Basin to Utah State University. The bill appropriated \$250,000 ongoing General Fund Restricted - Infrastructure and Economic Diversification Investment Account to Utah State University - Uintah Basin Regional Campus.

### Implementation

The University began measuring and analyzing emissions from various sources in July 2016. The University is also exploring interactions between the snowpack and the atmosphere and developing methods to forecast high ozone days more accurately so that industry and the public in the area can plan to reduce emissions and exposure to pollution.

### Accuracy

The University has utilized all the ongoing funding in FY 2017 for the various projects. Additional funding would allow more research and more solutions, but the University reports that the work will take years, regardless of how much funding is available.

### Performance

The University reports the following measures to determine performance levels:

- collection and analysis of ambient air measurements of meteorology and chemistry;
- improvement of air quality computer models that are used by industry and regulators to develop emissions control strategies; and
- characterization of emission sources through measurements and analysis.

# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. SLCC Credit Education for Prisoners

Committee: HED

Analyst: Spencer Pratt

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$200,000	\$0	\$200,000	\$0	\$200,000	\$170,000	\$30,000

### Explanation

The Legislature appropriated one-time funding of \$200,000 from the Education Fund to Salt Lake Community College (SLCC) for FY 2017 to run its Prison Education Program. The program provides certain accredited, college-level courses to inmates held by the Utah Department of Corrections. The appropriation covers tuition, admission fees, textbooks and supplies, and the salaries for the manager and faculty.

### Implementation

The program began in September 2016. The faculty salary is based on SLCC's standard adjunct faculty rate. The tuition cost is based on the standard resident student tuition rate.

### Accuracy

SLCC will spend approximately 85 percent of the appropriation by the end of FY 2017, leaving a one-time balance of \$30,000. Part of the reason for this reflects the loss of students (and their expenditures tied to their tuition) as they moved away from the required housing unit, often being sent to county jails with little or no warning.

### Performance

Seven individual courses were developed by SLCC faculty for this specific population. Three more will be added during the Summer semester. During Spring semester, 57 students were admitted; 62 students are enrolled for Summer. Faculty reports high grades and attendance.

# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. Student Athlete Graduation Improvement

Committee: HED

Analyst: Spencer Pratt

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$1,300,000	\$0	\$1,300,000	\$0	\$1,300,000	\$1,300,000	\$0

### Explanation

The Legislature approved ongoing funding from the Education Fund in the amount of \$1.3 million for Weber State University to provide academic support and enrollment opportunities to student-athletes to aid them in their progression toward graduation.

### Implementation

The Student-Athlete Graduation Improvement Program began July 1, 2016.

### Accuracy

Weber State University has expended all of the appropriated funding. The university spent most of the funding (\$1,215,300) on scholarships to cover tuition costs of eligible student-athletes. The university spent the balance (\$85,700) on increased staff, hourly, and graduate assistant support to provide the student-athletes with academic advising, tutoring, and mentoring.

### Performance

Weber State University's purpose is to assist student-athletes toward graduation. The university reports the following outcomes:

- 191 student-athletes received funding for summer 2016, including new freshmen and transfers. These students earned over 1,000 course credits with a GPA of over 3.0;
- 260 student-athletes received funding for summer 2017 and earned over 1,600 course credits;
- 3 student-athletes received assistance after they had exhausted their eligibility to complete their undergraduate degree. Two have since graduated and the third will graduate in August of 2017;
- 1 FTE academic advisor added to the Student Athlete Academic Services staff (to bring student-athlete/advisor ratio under the national recommended guidelines), who provided tutoring and mentoring for student-athletes during the regular academic year, resulting in an overall student-athlete cumulative GPA of 3.19;
- 1 graduate assistant to focus on the progress of student-athletes in developmental math. These students achieved a passing rate of 80 percent in these courses in 2016-17.

# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. SUU 2016 K-16 Technology Pipeline Proposal

Committee: HED

Analyst: Spencer Pratt

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$150,000	\$0	\$150,000	\$0	\$150,000	\$115,206	\$34,794

### Explanation

Southern Utah University received a one-time appropriation of \$150,000 from the Education Fund to support the SUU Center for STEM Teaching and Learning. This Center has three objectives regarding STEM education: (1) professional development, (2) student engagement, and (3) college and career readiness. Funds were used to further pre-K through high school STEM education in southern Utah.

### Implementation

SUU's Center for STEM Teaching and Learning Advisory Board evaluated all requests for funding. While all of the proposals were deemed worthy of support, they exceeded the total amount of funding that was available. As a result, the Board approved scaled funding for each proposal.

### Accuracy

SUU expended \$115,200 (77 percent of the appropriation) through May 2017. The University plans to expend the balance of \$34,800 for the following:

SEEd Standards professional development - \$10,000

Girls Go Digital Camp - \$1,500

Project Archaeology teacher workshop - \$2,000

Natural Resource camp - \$6,300

Equipping the new space at the North Elementary School, in partnership with Iron County School District - \$15,000 (FY 2018).

### Performance

The 21 FY 2016 programs involved over 23,000 students in outreach education programming, camps, competitions, and campus visits. The program provided training for 178 teachers in STEM practices. SUU expects to meet or exceed these measures in FY 2017.

# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. SWATC Campus Program Expansion

Committee: HED

Analyst: Jill Curry

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$259,500	\$0	\$259,500	\$0	\$259,500	\$259,500	\$0

### Explanation

The Legislature appropriated \$2.5 million ongoing from the Education Fund to the Utah College of Applied Technology (UCAT) for program expansion at the applied technology colleges. Southwest Applied Technology College (SWATC) used its appropriation of \$259,500 to continue programming toward the establishment of a practical nursing program and expand their allied health and computer science programs.

### Implementation

SWATC began program planning before July 1, 2016, and began spending in August 2016.

### Accuracy

As of June 30, 2017, SWATC spent the entire appropriation. SWATC used the appropriation to fund a coordinator and current expenses for the practical nursing program, a full-time allied health instructor, and an instructor and current expenses to expand the computer science program.

### Performance

SWATC used the following performance measures to determine the efficacy of this funding. For practical nursing, the funding has enabled the newly hired coordinator to move forward with planning the practical nursing program at SWATC. The coordinator engaged in professional development opportunities including the Accreditation Commission for Education in Nursing (ACEN) Accreditation Forum, nurse education and leadership conferences, professional mentoring, and online training. Subsequently, the practical nursing program has been granted approval by ACEN to begin accreditation. The major future target for practical nursing is to achieve accreditation. Performance for the expansion of the computer science program is the ability of the program to serve students in outlying areas who would not otherwise have the opportunity to take computer science courses. Through interactive video equipment and the additional instructor, SWATC was able to reach 13 students in outlying areas in fiscal year (FY) 2017 and their target for FY 2018 is an increase in the number of students in outlying areas taking computer science.

# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. TATC Campus Program Expansion

Committee: HED

Analyst: Jill Curry

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$240,000	\$0	\$240,000	\$0	\$240,000	\$307,000	(\$67,000)

### Explanation

The Legislature appropriated \$2.5 million ongoing from the Education Fund to the Utah College of Applied Technology (UCAT) for program expansion at the applied technology colleges. Tooele Applied Technology College (TATC) used its appropriation of \$240,000 to establish a Licensed Practical Nursing program in partnership with Utah State University's Registered Nursing program.

### Implementation

TATC began planning for the practical nursing program in April 2015. The program started in September 2016 with the first cohort graduating in May 2017. TATC began spending the funding on July 1, 2016.

### Accuracy

As of June 30, 2017, TATC spent the entire appropriation. The appropriation was not sufficient to fund the entire cost of establishing the practical nursing program. TATC used an additional \$67,000 to fund the program in fiscal year (FY) 2017. In total, TATC used the funding for 2.5 full-time equivalent (FTE) faculty and staff, Accreditation Commission for Education in Nursing (ACEN) accreditation, and equipment to establish a practical nursing program.

### Performance

TATC used the following performance measures to determine the efficacy of this funding:

1. An increase in membership hours. TATC has targeted an increase of 9,000 membership hours. FY 2017 student data are not yet finalized; however, preliminary data show that there has been an increase of 4,500 membership hours three-quarters into the fiscal year.
2. An increase in student headcount. TATC has targeted an increase of 10 in student headcount. FY 2017 student data are not yet finalized; however, preliminary data show that there has been an increase of 5 in student headcount three-quarters into the fiscal year. Because of ACEN accreditation requirements, TATC had only two weeks to advertise the program and admit students. They anticipate increased enrollment for FY 2018.
3. Benchmarks in completion, placement, and licensure. TATC has targeted 80 percent for completion, 100 percent for placement, and 100 percent for licensure. FY 2017 student data are not yet finalized; however, TATC anticipates 80 percent completion this year.

# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. UBATC Campus Program Expansion

Committee: HED

Analyst: Jill Curry

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$285,000	\$0	\$285,000	\$0	\$285,000	\$285,000	\$0

### Explanation

The Legislature appropriated \$2.5 million ongoing from the Education Fund to the Utah College of Applied Technology (UCAT) for program expansion at the applied technology colleges. Uintah Basin Applied Technology College (UBATC) used its appropriation of \$285,000 to fund additional resources for the building trades program which is in high demand, expenses for the allied health programs, a newly established Peace Officer Standards and Training (POST) program, and ongoing information technology equipment needs.

### Implementation

UBATC began program planning before July 1, 2016. UBATC began spending the funding on July 1, 2016.

### Accuracy

As of June 30, 2017, UBATC spent the entire appropriation.

### Performance

UBATC used the following performance measures to determine the efficacy of this funding:

1. An increase in membership hours;
2. An increase in student headcount; and
3. Increases in completion, placement, and licensure. Fiscal year 2017 student data are not available yet.



# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. University of Utah Reading Clinic

Committee: HED

Analyst: Spencer Pratt

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$170,000	\$0	\$170,000	\$0	\$170,000	\$160,000	\$10,000

### Explanation

The Legislature approved ongoing funding of \$116,000 and one-time funding of \$54,000 from the Education Fund during the 2016 General Session for the University of Utah Reading Clinic to expand the school-age student assessment, tutoring, and teacher professional development to remote areas of the state using distance education technologies.

### Implementation

The University utilized the one-time funding to purchase equipment for the new Distance Lab, including outreach education technologies, computers, software, cameras, and office furniture and materials.

Renting space to house the new Distance Lab and hiring and training tutors to provide assessment and intervention to struggling readers outside the Salt Lake Valley account for most of the ongoing expenditures. Existing staff and the Distance Lab coordinator have also been trained.

### Accuracy

The University expended approximately 94 percent of the funding through May 2017, with the remaining \$10,000 expected to be used on staff salaries through the end of June 2017.

### Performance

The Reading Clinic provides ongoing assessment, intervention, and consultation to parents, educators and struggling readers who are located more than 30 miles away from the Clinic's Murray site. Services have been provided to students in Neola, Panguitch, Hanksville, Loa, Big Water, Escalante Valley, Layton, St. George, Tooele, Mount Pleasant, Moronic, and Fairview.

Each student who goes through the reading clinic receives at least six assessments as a pre-test and then again as a post-test. In addition, the intervention itself includes a daily assessment component. Reported results are consistent with non-distance services (i.e., approximately one year of growth achieved with 45 intervention sessions).

# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. Utah Shakespeare Festival

Committee: HED

Analyst: Spencer Pratt

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$25,000	\$0	\$25,000	\$0	\$25,000	\$25,000	\$0

### Explanation

The Utah Shakespeare Festival operates each summer in Cedar City, performing nine plays on a rotating basis, of which three are Shakespearean. The Legislature appropriated \$25,000 in one-time funds from the Education Fund in FY 2016 for marketing efforts for the festival's 2016 season.

### Implementation

The festival expended the funds during the summer of 2016 to advertise and promote its performances throughout the State and region. The festival hired a marketing consultant, resulting in an increase in its advertising and marketing budget during the year.

### Accuracy

Based on the consultant's recommendations, the festival increased the total annual advertising budget by nearly \$200,000, including the \$25,000 legislative appropriation.

### Performance

During the 2016 season, the festival presented a total of 250 performances to over 100,000 patrons, generating in excess of \$4.0 million in ticket revenues.

# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. Washington County Tech Pipeline

Committee: HED

Analyst: Spencer Pratt

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$150,000	\$0	\$150,000	\$0	\$150,000	\$120,000	\$30,000

### Explanation

In the 2015 General Session, Dixie State University received a one-time appropriation of \$280,000 from the Education Fund to develop programs for primary and secondary students to provide them with exposure to STEM-related fields.

During the 2016 General Session, the Legislature approved an additional \$150,000 one-time. Programs include as after-school/summer technology camp and classes for K-16 students throughout southern Utah and internships with local businesses for DSU students in STEM-related fields.

### Implementation

With the FY 2016 funding, Dixie State University held various events and camps for more than 1,000 K-16 students participating. The funding also provided STEM internships for DSU students.

The funding approved for FY 2017 continued the various events and camps and funded STEM internships for 32 DSU students.

### Accuracy

DSU expended approximately \$120,000 of the \$150,000 appropriation through May 2017 for the activities outlined above. The remaining balance of \$30,000 will be spent by the end of FY 2017.

### Performance

The number of events and the number of students participating in each event are tracked and monitored by the College of Science and Technology at DSU, as well as the number of student internships. Emphasis is placed on creating STEM opportunities for underrepresented student populations.

# FISCAL NOTE AND BUDGET ITEM FOLLOW-UP REPORT

## 2016 G.S. Water Conservation and Research Initiative

Committee: HED

Analyst: Spencer Pratt

Cost Estimate	Revenue Estimate	Original Approp.	Changes	Subtotal	Experienced	Difference
\$950,000	\$0	\$950,000	\$0	\$950,000	\$261,700	\$688,300

### Explanation

Utah State University (USU), in partnership with other government agencies, water institutions, and communities in the State, is working to promote water conservation, enhance water quality and availability, and improve water efficiency, through research and educational outreach programs. Partners provide a minimum 1:1 match to the state appropriated funds. The Legislature provided \$950,000 ongoing from the Education Fund to advance these efforts.

### Implementation

Funding for these projects began at the end of July 2016, and included the support of online weather information, USU's Center for Water Efficient Landscaping, and eight research and extension outreach projects. The Water Advisory Board selected eight projects from the 15 submissions.

### Accuracy

USU reports that funding has been allocated for the Climate Center (\$100,000), the Center for Water Efficient Landscaping (\$280,000), and two rounds of competitive proposals (\$471,800). Of the total appropriation of \$950,000, these allocations represent approximately \$850,000 or 90 percent. Actual expenditures through May 2017 account for 28 percent of the total appropriation.

### Performance

Utah State University has identified the following performance measures:

- Online weather information - Used by 75 percent of Utah fruit growers, 98 percent of whom reported improved water management;
- WaterCheck program - implemented by Eagle Mountain to identify baseline water use and landscape water management problems;
- WaterMAPS - implemented by a large institutional water user to identify potential water conservation;
- Make a Splash Teacher Education - provides educational materials for all grade levels promoting water conservation and water quality; and
- Research projects - include drip irrigation in saline soils, improving water productivity, and efficiency of fruit trees.