



General Manager's Report

- Item 1 – Upcoming Training/Conferences
 - Item 2 – Ad Hoc Committee Updates
 - Item 3 – Upcoming Meetings
 - Item 4 – Boys and Girls Club Proposal
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Item 1 – Upcoming Training Opportunities

- AOPA Fly-In, Sept. 20, 2014, Chino, CA (This is a series of 5 events across the county which has replaced the previous annual AOPA Summit. Our local event is in Chino, CA)
- CSDA Annual Convention, Sept. 29 – Oct. 2, 2014 – Palm Springs, CA
- AAAE Airport Noise Symposium - Oct. 5-6, 2014 – Fort Lauderdale, FL
- NBAA Annual Convention, Oct. 21-23, 2014 – Orlando, FL
- Annual Aviation Issues Conference, Jan. 11-15, 2015, Kohala Coast, HI

Item 2 – Ad Hoc Committee Meetings Update

Master Plan Ad Hoc Committee (Directors Hetherington and Morrison)

- The full draft document is available for public review on the Master Plan website. www.ttadmasterplan.org.
- Freshtracks Communications will present results and findings from Public Comments received during public comment period.
- Final Draft is anticipated for “Acceptance” by the Board of Directors at the August 27, 2014 Meeting.

Land Leasing Ad Hoc Committee (Directors Jones and Van Berkem)

- Staff continues to work with Nevada County, Town of Truckee, Nevada Co. LAFCO, JMA, and Clear Capital on options for the Clear Capital proposal. We have had meetings with all these groups since the last Board Meeting.
- The Ad Hoc Committee met on July 7th to review options and consider progress on the proposal. A formal presentation will take place at the August Board meeting.

Hangar 3 Ad Hoc Committee (Directors Hetherington and Morrison)

- Committee met on June 16th and again on July 9th to review RFQs.
- After the July 9th meeting the Ad Hoc Committee found that Mead & Hunt was the most qualified applicant and directed staff to solicit a proposal.
- The Ad Hoc Committee plans to present these findings and proposal to the full Board at the August 27th meeting.
- The District Engineer's Report contains a more detailed update.

Benefits Review Ad Hoc Committee (Directors Jones and Van Berkem)

- Project Complete.

Item 3 – Green Bucks Program

Staff continues to explore this program. Staff and legal counsel have reviewed the contract between the Airport District and Green Bucks and with a few slight modifications, the contract will work fine. How to administer the program is really the question that we are working on. We have two options:

1. Implement the program as designed, which is a voluntary fee that can be reversed if the customer chooses not to participate. This is a little more labor intensive for staff, but is definitely doable on a trial basis. We will have to see how it goes to understand if the program is sustainable from a point-of-sale standpoint.
2. Implement an Environmental Mitigation Fee in our Master Fee Schedule and assess the fee on all purchases of jet fuel based on the quantity sold. This can be programmed into our point-of-sale and is easier to administer. It would not be an optional fee. All jet fuel transactions would be charged a fee. The fee would be relatively small, likely in the range of \$5 to \$10 on a \$1000 transaction. We would then contract with Green Bucks to administer our environmental mitigation program.

Staff has reviewed this concept with our aviation legal counsel, as well as our local special district counsel.

Staff will briefly discuss these options with the Board and bring a final proposal to the Board at the August meeting.

Item 4 – Partnership Proposal with Boys and Girls Club for STEM/Aviation Education

Staff received a proposal (see attached) from the Boys and Girls Club of North Lake Tahoe to create a partnership for STEM and aviation education programming. The Board and Staff have had various discussions regarding how to expand and build on the success of current programs, such as the Mission to Mars Day Camp and Discovery Academy field trips. The Boys and Girls Club have made a proposal to assist the District to provide staff resources to build on and expand these programs. This would also give the Airport District a strong presence in the 5th Grade classrooms that attend Discovery Academy.

Their proposal is very attractive and it is staff's opinion that it has potential to meet our goals at a reduced cost compared to the District providing the same staffing. It also provides aviation education opportunities, support, and resources to the Lake Tahoe Basin as well as Truckee.

Staff would like to briefly discuss this proposal with the Board and understand the District's interest in pursuing such a partnership.

Partnership Proposal for
STEM and Aviation Programming
Between Truckee Tahoe Airport District and
The Boys and Girls Club of North Lake Tahoe

“Where GREAT FUTURES Take Flight”



May 2014

Summary

The Boys and Girls Club of North Lake Tahoe (BGCNLT) partners with numerous agencies in the Truckee Tahoe region to provide high quality, unmatched opportunities to young people. Currently, our focus is on increasing the impact that we have on local youth with targeted, outcome driven programming. Within Education and Career Development programs, the Club hopes to focus on STEM topics over the next three to five years by hiring a dedicated STEM Coordinator.

The Truckee Tahoe Airport District provides great benefits to the community. Aside from high quality aviation facilities and services with low impact on the environment and community, meetings space and resources to non-profits, they also provide truly unique educational opportunities and support to children and families in the area. With these efforts, the Truckee Tahoe Airport District is inspiring the next generation of aviators.

The Truckee-Tahoe region would greatly benefit from a partnership between BGCNLT and the Truckee Tahoe Airport District. A three-year agreement could provide a dedicated BGCNLT staff member who, aside from coordinating all educational programs at the Club, will also focus on STEM based opportunities and on aviation on behalf of both agencies. This position will expand and enhance current efforts by both agencies to inspire greatness in local youth. These programs would be integrated into the Club's outreach efforts in schools, in after-school programming throughout the school year, and in specialty field trips and summer camps.

A partnership between BGCNLT and Truckee Tahoe Airport District could provide numerous benefits to the community including:

- 1) Increased outreach to community youth and families.
- 2) Improved attitudes towards STEM subjects, fields and careers, including aviation.
- 3) Increased knowledge, skills and hands on experience in STEM fields and specifically in aviation.

Likewise, the partnership increases impact and visibility for the Truckee Tahoe Airport District's outreach programs to include children and families on the North Shore; enhances current STEM educational programming at the Club and truly capitalizes on two valuable community assets: BGCNLT and The Truckee Tahoe Airport.

Boys and Girls Club of North Lake Tahoe Background

BGCNLT is part of a nationwide Movement of community-based, autonomous organizations and Boys & Girls Clubs of America (BGCA) working to help youth of all backgrounds develop the qualities needed to become responsible citizens and leaders.

While BGCNLT is a part of this nationwide network, it has been run by a local board of directors and financially supported by local donors since 1998. Since then, the Club has accomplished a lot in the community. It has grown from two small donated houses into a 14,000 square foot facility; forged strong partnerships with the Tahoe Truckee Unified School District, the North Tahoe Public Utility District, local community foundations, other non-profit organizations as well as with business owners from across the region. Over the last 15 years, the Club has positively impacted thousands of local youth and their families with countless programs, events and activities.

BGCNLT offers daily access to a broad range of programs in five core program areas (Character and Leadership Development; Education and Career Development; Health and Life Skills; The Arts; and Sports, Fitness and Recreation) and several specialized initiatives. All programs are designed to drive positive outcomes for youth and reinforce necessary life skills.

Annually, over 900 children are members, with an average of 325 attending daily during the school year and 140 during the summer months. An additional 900+ children are impacted by BGCNLT programming through special events and community outreach. Members come from across the North Shore, West Shore and Truckee and represent the community's diversity. Approximately 52 percent of families are White, 44 percent Hispanic and 49% qualify for a free and reduced lunch. Additionally, 18% of members come from single parent households.



Formula for Impact

To make sure that all of our members have great futures, the Boys & Girls Club Movement and our local Club has adopted the Formula for Impact, a research-based theory of change that describes how we can increase our impact – *exponentially* – on the young people we serve.

It calls for us to consistently provide the most powerful Club Experience possible – by implementing the Five Key Elements for Positive Youth Development, offering high-yield activities and providing targeted programs – all of which help youth achieve priority outcomes.ⁱ Then, because we also know that attending the Club more frequently and over a greater length of time makes young people more likely to achieve positive outcomes, Clubs must pursue strategies to increase attendance, program participation and member retention.ⁱⁱ

GREAT FUTURES START HERE: FORMULA FOR IMPACT

**YOUNG PEOPLE
WHO NEED US MOST**

+

**OUTCOME-DRIVEN
CLUB EXPERIENCE**

=

PRIORITY OUTCOMES



**FIVE KEY ELEMENTS
FOR POSITIVE YOUTH DEVELOPMENT**

•
**HIGH-YIELD
ACTIVITIES**

•
**TARGETED
PROGRAMS**

•
**REGULAR
ATTENDANCE**



ACADEMIC SUCCESS

Graduate from high school ready for college, trade school, military or employment



GOOD CHARACTER & CITIZENSHIP

Be an engaged citizen involved in the community, register to vote and model strong character



HEALTHY LIFESTYLES

Adopt a healthy diet, practice healthy lifestyle choices and make a lifelong commitment to fitness

STEM Background and Need

Nationally, there is a huge push for educators and policy makers to focus on Science, Technology, Engineering and Mathematics (STEM) programming in and out of school. Some estimates say that as many as 80% of all future jobs will require some level of STEM skills and knowledge. Currently, only 44% of 2013 U.S. high school graduates are ready for college-level math and 36% ready for college-level science.ⁱⁱⁱ Additionally, minority students and female students are underrepresented in STEM fields and in STEM related higher education programs.

These trends are evident in local statistics, as well. Locally, only 58% of high school students from TTUSD tested at proficient or advanced in Mathematics and 66% in Science. Additionally, 5% of Hispanic or Latino students tested proficient or advanced in Mathematics and 37% in Science. Lastly, 17% of female students scored at proficient or advanced in Mathematics and 59% in Science.^{iv}

STEM is an interdisciplinary and applied approach that is coupled with hands-on, problem-based learning. The STEM approach focuses on critical thinking, real world problem solving and on inspiring curiosity and confidence in students.

STEM programming is effective both in and out of traditional learning environments and proven to be particularly effective in afterschool programs because it fosters a collaborative, fun interactive environment where students do not feel academic pressure and are free to “have fun” while learning. Researchers have shown that an early interest in pursuing science and engineering is a better indicator of whether a student will pursue a career in these fields than a student’s grades in school.^v For this reason, it is crucial that afterschool programs are engaging, fun, interesting and approachable.

There are many positive outcomes that come from STEM programming. The three that are often highlighted on a national level and that the Boys and Girls Club of North Lake Tahoe are focusing on are:

1. Improved attitudes toward STEM fields and careers
2. Increased STEM knowledge and skills
3. Higher likelihood of graduation and pursuit of a STEM career

What Can BGCNLT and The Truckee Tahoe Airport District Do?

Considering children spend less than 20% of their days in school, it is important that parents, community agencies, local businesses all come together to help educate, inspire and guide students into positive and GREAT Futures and increasingly into STEM fields.

BGCNLT and the Truckee Tahoe Airport are well positioned to make a positive impact on students both in and out of school simply by exposing students to aviation and STEM with a fun, hands-on and interactive approach. Collaborating would allow each agency to fulfill their educational and outreach missions in a more effective and efficient way.

BGCNLT would provide:

- 1) A year round full time STEM Coordinator who is tasked with creating and implementing education programs and activities with a special focus on STEM and aviation. Daily opportunities will be made available for children to engage in STEM and/or aviation lessons across the region. Likewise, they can make the aviation curriculum provided by the District available to all local youth serving agencies. They will do at least 11 one hour presentations in 5th grade TTUSD classrooms in March and April to set up curriculum for their Challenger field trip.
- 2) Assistance with the implementation and expansion of the "Mission to Mars Camp."
- 3) Program Evaluation/Data regarding attendance in programs, outcomes and outreach.
- 4) Recognition to the Airport District on all Club collateral as a partner agency and sponsor.
- 5) Additional assistance with airport projects on an as needed basis.

The Airport District would provide:

- 1) Funding in the amount of \$45,000 a year to be paid in three year terms with an opportunity for renewal.
- 2) Resources, guidance and tools for aviation curriculum.
- 3) Space for summer camps, programming etc.

Five Key Elements for Positive Youth Development: BGCA worked with the nationally recognized Search Institute to review relevant research and study highly effective Clubs. Through Club visits and interviews with managers, program staff, teens and community leaders, the five key elements that determine the level of impact a Club makes on the development of young people were identified. *High-yield activities:* The research of Dr. Reginald Clark has demonstrated that high-achieving students spend more time engaged in activities that reinforce the skills and knowledge they learn in school. "Enhancing the Educational Achievement of At-Risk Youth," an evaluation of BGCA's national education strategy, Project Learn, confirms the effectiveness of using such high-yield activities in Boys & Girls Clubs. *Targeted programs:* BGCA offers many national programs that are designed to help young people achieve our priority outcomes of academic success, good character and citizenship, and healthy lifestyles. Many of BGCA's targeted programs have been evaluated for their effectiveness. Some of BGCA's targeted programs have also been deemed "evidence based" by the federal government.

ⁱⁱ “Making Every Day Count: Boys & Girls Clubs’ Role in Promoting Positive Outcomes for Teens.” Public/Private Ventures, 2009.

ⁱⁱⁱ <https://nms.org/Education/TheSTEMCrisis.aspx>

^{iv} California Standardized Testing Data from School Accountability Report Card (SARC)
<http://www.axiomadvisors.net/LiveSARC/Presentation/SARCAdministration/Portals/Portal1/Detail.aspx?CDS=31669443130010&LanguageID=1&Preview=False&HidePDF=True&Category=Assessments&DivID=CST>

^v Tai, R.H., Liu, C. Q., Maltese, A.V., & Fan, X. (2006). Planning early for careers in science. *Science*, 312, 1143–1144.