INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Halloween Bent Decoration Date(s) of Project: October 29th, 2015

Project ___ Community/ Liberal Culture  ___ University/ College  ___ Profession/ Engineering
Area:   ___ Chapter/ Social  ___ Education/ Prof. Dev.  ___ K-12/MindSET

Number of persons who participated in this project  Members: 2  Electees: ___
(Please attach a list of names.) Alyson Mcphetres, Evan Mathers

Hours spent on this project.  Organizing: 1  Participating: 1

DESCRIPTION:

I. General Description: The bent was dressed up as a construction worker, sporting a reflective vest, safety goggles and a beard. This decoration won a prize at our 40th anniversary celebration for best decoration this year.

II. Purpose & Relationship to Objectives of TBP: Decorating the bent is a fun way to draw attention to TBP and get the new students to inquire about TBP and how they can join.

III. Organization & Administration: (in conjunction with another group?) ___ Yes   ___ No

TBP members picked which holiday they would like to dress the bent up for and those members were then responsible for decorating the bent however they wanted and cleaning it up after the holiday has passed.

IV. Cost & Personnel Requirements: Members who decorated the bent bought their own supplies and made sure the bent was clean decoration was removed.

V. Special Problems: ___________________________________________________________

VI. Overall Evaluation/Results (Be Specific): ________________________________________

VII. Index of Exhibits: ___________________________________________________________
The Tau Beta Pi Association
Chapter:    Alaska Alpha

Chapter Project Report
Project number: 2

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Easter Bent Decoration  Date(s) of Project: April 3\textsuperscript{rd}, 2015

Project __ Community/ Liberal Culture  X University/ College __ Profession/ Engineering
Area:  X Chapter/ Social  __Education/ Prof. Dev.  __ K-12/MindSET

Number of persons who participated in this project Members: 1  Electees: ___
(Please attach a list of names.) Alyson Mcphetres

Hours spent on this project.  Organizing: 1  Participating: 1

DESCRIPTION:

I. General Description: This bent decoration consisted of plastic colored eggs tied to the bent with different colored ribbons and a stuffed bunny on top of the bent.

II. Purpose & Relationship to Objectives of TBP: Decorating the bent is a fun way to draw attention to TBP and get the new students to inquire about TBP and how they can join.

III. Organization & Administration: (in conjunction with another group?) ___ Yes  X No

TBP members picked which holiday they would like to dress the bent up for and those members were then responsible for decorating the bent however they wanted and cleaning it up after the holiday has passed.

IV. Cost & Personnel Requirements: Members who decorated the bent bought their own supplies and made sure the bent was clean decoration was removed.

V. Special Problems: __________________________________________________________
____________________________________________________________________________

VI. Overall Evaluation/Results (Be Specific): ______________________________________
____________________________________________________________________________

VII. Index of Exhibits: __________________________________________________________
____________________________________________________________________________
The Tau Beta Pi Association
Chapter: Alaska Alpha
Chapter Project Report

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Christmas Bent Decoration         Date(s) of Project: December 4th, 2014

Project __Community/ Liberal Culture  X University/ College __Profession/ Engineering
Area:  X Chapter/ Social  __Education/ Prof. Dev.  __K-12/MindSET

Number of persons who participated in this project Members: 3  Electees: ___
(Please attach a list of names.) Eli Ward, Daniel Baklanov, John Venables

Hours spent on this project.  Organizing: 1  Participating: 1

DESCRIPTION:

I. General Description: The bent was decorated like a Christmas tree, complete with ornaments and Christmas lights.

II. Purpose & Relationship to Objectives of TBP: Decorating the bent is a fun way to draw attention to TBP and get the new students to inquire about TBP and how they can join.

III. Organization & Administration: (in conjunction with another group?)  ___ Yes  X No

TBP members picked which holiday they would like to dress the bent up for and those members were then responsible for decorating the bent however they wanted and cleaning it up after the holiday has passed.

IV. Cost & Personnel Requirements: Members who decorated the bent bought their own supplies and made sure the bent was clean decoration was removed.

V. Special Problems: ___________________________________________________________
____________________________________________________________________________

VI. Overall Evaluation/Results (Be Specific): ______________________________________
____________________________________________________________________________

VII. Index of Exhibits: ___________________________________________________________
____________________________________________________________________________
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Valentines Bent Decoration Date(s) of Project: February 10th, 2015

Project ___ Community/ Liberal Culture ___ University/ College ___ Profession/ Engineering
Area: ___ Chapter/ Social ___ Education/ Prof. Dev. ___ K-12/MindSET

Number of persons who participated in this project Members: 2 Electees: ___
(Please attach a list of names.) Eric Bookless, Sophia Tidler

Hours spent on this project. Organizing: 1 Participating: 1

DESCRIPTION:

I. General Description: The bent was decorated like cupid, with a white sheet for a robe and a small hand saw for the bow and arrow.

II. Purpose & Relationship to Objectives of TBP: Decorating the bent is a fun way to draw attention to TBP and get the new students to inquire about TBP and how they can join.

III. Organization & Administration: (in conjunction with another group?) ___ Yes ___ No

TBP members picked which holiday they would like to dress the bent up for and those members were then responsible for decorating the bent however they wanted and cleaning it up after the holiday has passed.

IV. Cost & Personnel Requirements: Members who decorated the bent bought their own supplies and made sure the bent was clean decoration was removed.

V. Special Problems: ___________________________________________________________

VI. Overall Evaluation/Results (Be Specific): ______________________________________

VII. Index of Exhibits: _________________________________________________________
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Rube Goldberg for E-Week Date(s) of Project: February 28th, 2015

Project __ Community/ Liberal Culture X University/ College __ Profession/ Engineering
Area: __ Chapter/ Social X Education/ Prof. Dev. X K-12/MindSET

Number of persons who participated in this project Members: 9 Electees: ___
(Please attach a list of names.) John Venables, Eric Bookless, Sophia Tidler, Mathew Keith, Peter Brewer, Ryan McLaughlin, Bekah Tsigonis, Douglas Gelineau, Jacob Rahlfs

Hours spent on this project. Organizing: 4 Participating: 7

DESCRIPTION:

I. General Description: Members created a Rube Goldberg machine consisting of parts from each of the major engineering disciplines at UAF. The machine operates off of chain reactions between each portion of the device. It started with a Sterling Engine and at the end it unrolled a TBP banner.

II. Purpose & Relationship to Objectives of TBP: E-Week is an outreach event sponsored by the university and geared towards young children. Many of the engineering departments have displays to showcase what each type of engineering is all about and get the kids interested in engineering.

III. Organization & Administration: (in conjunction with another group?) ___ Yes X No

Mathew Keith was the main leader for this project with help from current and past officers and members who had created such machines before.

IV. Cost & Personnel Requirements: Many of the parts for the machine were reused from previous years to reduce any new costs to members.

V. Special Problems: ____________________________

VI. Overall Evaluation/Results (Be Specific): This was a big hit with the kids who enjoyed watching the chain reactions and learning how it all worked. We successfully ran the machine 7 times in a row without any stops in the motion.

VII. Index of Exhibits: ____________________________
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Sterling Engine Outreach Date(s) of Project: April 13th, 2015

Project X Community/ Liberal Culture ___ University/ College ___ Profession/ Engineering Area: ___ Chapter/ Social ___ Education/ Prof. Dev. X K-12/ MindSET

Number of persons who participated in this project Members: 2 Electees: ___ (Please attach a list of names.) Bradley Cruickshanks, Stefan Weingarth

Hours spent on this project. Organizing: 1 Participating: 3

DESCRIPTION:

I. General Description: Our chapter was asked to visit a local elementary school and demonstrate how a sterling engine works and talk about engineering with the students.

II. Purpose & Relationship to Objectives of TBP: This helped spread information about TBP and also helped to educate young kids about engineering and what they can work towards in the future.

III. Organization & Administration: (in conjunction with another group?) ___ Yes X No

Brad took it upon himself to setup the meeting time with the teacher at the elementary school and find another volunteer to help him with the demonstration.

IV. Cost & Personnel Requirements: __________________________________________________________

V. Special Problems: __________________________________________________________

VI. Overall Evaluation/Results (Be Specific): The teacher was very impressed by our members’ ability to work with younger children and how willing and eager we were to talk with the kids and teach them about engineering concepts and what it takes to be an engineer.

VII. Index of Exhibits: __________________________________________________________
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: EF Session 1  
Date(s) of Project: November 2014

Project __Community/ Liberal Culture  __University/ College  __Profession/ Engineering
Area:  X Chapter/ Social  X Education/ Prof. Dev.  __K-12/MindSET

Number of persons who participated in this project
Members: 4  Electees: ___
(Please attach a list of names.)

Hours spent on this project.  Organizing: 1  Participating: 3

DESCRIPTION:

I. General Description: The first Engineering Futures session dealt with effective presentation skills.

II. Purpose & Relationship to Objectives of TBP: Engineering Futures sessions are open to all engineering students and are advertised throughout the engineering building and members are encouraged to tell their friends. This not only spreads awareness of TBP but also helps other students develop the “soft skills” which are taught in the sessions.

III. Organization & Administration: (in conjunction with another group?)  ___ Yes  X No

John Venables posted fliers and made sure the room was unlocked before the EF sessions. Douglas Gelineau was in charge of purchasing food and drinks.

IV. Cost & Personnel Requirements: The chapter provided sandwiches and beverages to those who attended the EF session.

V. Special Problems: ___________________________________________________________
____________________________________________________________________________

VI. Overall Evaluation/Results (Be Specific): The EF sessions have a good turnout of both TBP members and non-members.

VII. Index of Exhibits: ___________________________________________________________
____________________________________________________________________________
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: **EF Session 2**  
Date(s) of Project: **February 21st, 2015**

Project __ Community/ Liberal Culture  
__ University/ College  
__ Profession/ Engineering

Area:  
__ Chapter/ Social  
__ Education/ Prof. Dev.  
__ K-12/MindSET

Number of persons who participated in this project  
Members: 5  
Electees: ___

(Please attach a list of names.)

Hours spent on this project.  
Organizing: 1  
Participating: 3

DESCRIPTION:

I. General Description: The second Engineering Futures session taught the analytical problem solving module.

II. Purpose & Relationship to Objectives of TBP: Engineering Futures sessions are open to all engineering students and are advertised throughout the engineering building and members are encouraged to tell their friends. This not only spreads awareness of TBP but also helps other students develop the “soft skills” which are taught in the sessions.

III. Organization & Administration: (in conjunction with another group?)  
___ Yes  
X No

John Venables posted fliers and made sure the room was unlocked before the EF sessions. Douglas Gelineau was in charge of purchasing food and drinks.

IV. Cost & Personnel Requirements: The chapter provided sandwiches and beverages to those who attended the EF session.

V. Special Problems: __________________________________________________________

V. Special Problems: __________________________________________________________  

VI. Overall Evaluation/Results (Be Specific): The EF sessions have a good turnout of both TBP members and non-members.

VII. Index of Exhibits: __________________________________________________________

VII. Index of Exhibits: __________________________________________________________
The Tau Beta Pi Association
Chapter: Alaska Alpha
Chapter Project Report
Project number: 9

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: EF Session 3                  Date(s) of Project: April 19th, 2015

Project __ Community/ Liberal Culture   X University/ College __ Profession/ Engineering
Area: X Chapter/ Social   X Education/ Prof. Dev.   __ K-12/MindSET

Number of persons who participated in this project
Members: 4         Electees: ___
(Please attach a list of names.)

Hours spent on this project.    Organizing: 1       Participating: 3

DESCRIPTION:

I. General Description: The third Engineering Futures session featured the team chartering module.

II. Purpose & Relationship to Objectives of TBP: Engineering Futures sessions are open to all engineering students and are advertised throughout the engineering building and members are encouraged to tell their friends. This not only spreads awareness of TBP but also helps other students develop the “soft skills” which are taught in the sessions.

III. Organization & Administration: (in conjunction with another group?) ___ Yes   X No

John Venables posted fliers and made sure the room was unlocked before the EF sessions. Douglas Gelineau was in charge of purchasing food and drinks.

IV. Cost & Personnel Requirements: The chapter provided sandwiches and beverages to those who attended the EF session.

V. Special Problems: ___________________________________________________________
____________________________________________________________________________

VI. Overall Evaluation/Results (Be Specific): The EF sessions have a good turnout of both TBP members and non-members.

VII. Index of Exhibits: __________________________________________________________
____________________________________________________________________________
The Tau Beta Pi Association
Chapter: Alaska Alpha
Project number: 10

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: New Engineering Building Tour  Date(s) of Project: April 19th, 2015

Project X Community/ Liberal Culture ___ University/ College ___ Profession/ Engineering
Area: X Chapter/ Social ___ Education/ Prof. Dev. ___ K-12/MindSET

Number of persons who participated in this project Members: 20  Electees: ___
(Please attach a list of names.)

Hours spent on this project. Organizing: 2  Participating: 1

DESCRIPTION:

I. General Description: Our chapter organized a tour of the new engineering building which is currently under construction. This tour was attended by past members of Alaska Alpha before our 40th celebration banquet.

II. Purpose & Relationship to Objectives of TBP: This was a fun event for AKA alumni and allowed them to see the new advancements to the buildings where they studied for their degrees.

III. Organization & Administration: (in conjunction with another group?) ___ Yes  x No

Douglas Gelineau helped setup the tour and served as a tour guide and organizer.

IV. Cost & Personnel Requirements: _____________________________________________________________

V. Special Problems: _____________________________________________________________

VI. Overall Evaluation/Results (Be Specific): _______________________________________________________

VII. Index of Exhibits: _____________________________________________________________
The Tau Beta Pi Association
Chapter: Alaska Alpha
Chapter Project Report
Project number: 11

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: 40th Anniversary Banquet Date(s) of Project: April 19th, 2015

Project __Community/ Liberal Culture __ University/ College __ Profession/ Engineering
Area: X Chapter/ Social __ Education/ Prof. Dev. __ K-12/MindSET

Number of persons who participated in this project Members: 35 Electees: ___
(Please attach a list of names.)

Hours spent on this project. Organizing: At least 40 Participating: 3

DESCRIPTION:

I. General Description: This was by far our biggest project this year. We organized a banquet for our 40th anniversary. This involved inviting AKA alumni, securing funding for the banquet, reserving the university ballroom for the event, decorations, door prizes and small memorabilia coasters.

II. Purpose & Relationship to Objectives of TBP: The anniversary celebration was a fantastic time and allowed the current members to meet the alumni that were able to attend and hear about their careers and experiences.

III. Organization & Administration: (in conjunction with another group?) ___ Yes X No

Our chief advisor, Dr. Darrow, was the main organizer for this project. She put in many hours to make everything possible. Almost all of the current members also contributed numerous hours of their own time throughout the process to ensure that everything was completed and that the banquet would be a success.

IV. Cost & Personnel Requirements: We were able to secure funding through very generous donations from alumni which covered the entire cost of the banquet and everything that was needed to put it on.

V. Special Problems: Many of the addresses for the TBP alumni were out of date and numerous invitations were returned to sender.

VI. Overall Evaluation/Results (Be Specific): This was an amazing evening with chapter members, both old and new, and was worth every minute of planning and organization that was required.

VII. Index of Exhibits: ___________________________________________________________
____________________________________________________________________________
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fairbanks LNG Presentation          Date(s) of Project: November 2014

Project X Community/ Liberal Culture          X University/ College ___ Profession/ Engineering
Area: X Chapter/ Social                      X Education/ Prof. Dev. ___ K-12/MindSET

Number of persons who participated in this project Members: 5          Electees: ___
(Please attach a list of names.)

Hours spent on this project. Organizing: 1          Participating: 1

DESCRIPTION:

I. General Description: This was a lecture sponsored by TBP from a leading member in the Fairbanks liquid natural gas expansion project.

II. Purpose & Relationship to Objectives of TBP: This lecture helped increase awareness about TBP and also furthered the knowledge of students about the future of liquid natural gas in the Fairbanks area.

III. Organization & Administration: (in conjunction with another group?) ___ Yes          X No

Ryan McLaughlin helped organize this lecture and Douglas Gelineau was in charge of refreshments for those who attended.

IV. Cost & Personnel Requirements: _______________________________________________

____________________________________________________________________________

V. Special Problems: __________________________________________________________________

____________________________________________________________________________

VI. Overall Evaluation/Results (Be Specific): There was a good amount of students that attended this very interesting lecture and it was an interesting topic and very informative.

VII. Index of Exhibits: __________________________________________________________________

____________________________________________________________________________