Annual Chapter Report
2015-2016

Tau Beta Pi Association, Inc.
Tennessee Alpha Chapter
Chapter Project Report

Project name: Officer Meeting  Date(s) of Project: August 27, 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: 9  Electees: 0
(Please attach a list of names.)

Natalie Beitel, Anna Zetterberg, Hope Newberry, Shawn Morgan, Amy Albaugh, Eric Nelius, Daniel Graves, Brandon Hotsinpiller, A.J. Toth,

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

DESCRIPTION:

I. General Description: Officers met to plan Fall semester.

II. Purpose & Relationship to Objectives of TBP: Officer meeting to plan out the events and activities that TN A wanted to accomplish this semester, including finding dates and times for General Body Meetings, Engineer’s Day, Initiation, and other events

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

____________________________________________________________________________
____________________________________________________________________________

IV. Cost & Personnel Requirements: None

V. Special Problems: None

____________________________________________________________________________

VI. Overall Evaluation/Results (Be Specific): Much was accomplished at this meeting, including setting up times for General Body Meetings and going through things that needed to be done prior to Engineer’s Day and Initiation events

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

Chapter: TN Alpha

Chapter Project Report

Project number: 2

Project name: Tau Beta Pi Alumni Picnic

Date(s) of Project: August 29, 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: 4

Electees: ___

Natalie White, Anna Zetterberg, Hope Newberry, Beini Chen

Hours spent on this project.

Organizing: 0

Participating: 2

DESCRIPTION:

I. General Description: The picnic was hosted by the Great Smokey Mountain Alumni Chapter. TN-A students were invited to attend and meet with GSMAC members and enjoy refreshments and a fun trivia game.

II. Purpose & Relationship to Objectives of TBP: Students had the opportunity to network with alumni and meet with each other.

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

Great Smokey Mountains Alumni Chapter

IV. Cost & Personnel Requirements:

____________________________________________________________________________

____________________________________________________________________________

V. Special Problems:

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____________________________________________________________________________

VI. Overall Evaluation/Results (Be Specific): The event was very enjoyable, and there was a great turn out of alumni members including the UT Dean of Engineering.

VII. Index of Exhibits:

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____________________________________________________________________________
The Tau Beta Pi Association
Chapter Project Report

Project number: 3
Project name: Officer Meeting
Date(s) of Project: September 9th, 2015

Project Area:
- ✔ Chapter/ Social
- _Education/ Prof. Dev.
- _Community/ Liberal Culture
- _University/ College
- _Profession/ Engineering
- _K-12/MindSET

Number of persons who participated in this project
Members: 18
Electees: 0
(Please attach a list of names.)

Natalie Beitel, Anna Zetterberg, Hope Newberry, Shawn Morgan, Amy Albaugh, Eric Nelius, Daniel Graves, Robin Graves, Brandon Hotsinpiller, A.J. Toth,

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

DESCRIPTION:

I. General Description: Officers met to discuss fall semester and prepare for General Body meeting.

II. Purpose & Relationship to Objectives of TBP: Officer meeting to plan out the General Body Meeting and other events for the semester

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

IV. Cost & Personnel Requirements: None

V. Special Problems: None

VI. Overall Evaluation/Results (Be Specific): Meeting went well; discussed agenda for General Body meeting, Engineer’s Day and Mindset updates were discussed, and service hours requirements were established

VII. Index of Exhibits: ___________________________________________________________

____________________________________________________________________________
The Tau Beta Pi Association
Chapter: TN Alpha

Chapter Project Report

Project number: 4
Project name: General Body Meeting
Date(s) of Project: September 9, 2015

Project area:
- ✔ Chapter/ Social
- ___ Education/ Prof. Dev.
- ___ K-12/MindSET

Number of persons who participated in this project
Members: 25  Electees: 0
(Please attach a list of names.)

Natalie Beitel, Anna Zetterberg, Hope Newberry, Shawn Morgan, Amy Albaugh, Eric Nelius, Daniel Graves, Robin Graves, Brandon Hotsinpiller, A.J. Toth, Saajid Haque, Chris Royer, Trey Twickler, Libby Fortunato, Zach Menning, Sawyer Schultz, Alex Marmon, Josh Penney, Michael Holloway, Kangmin Cheng, Austin Vogel, Tom Gaetjens, Kristen Mirander, Sara Parker, Anissa Goetz

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

DESCRIPTION:

I. General Description: _______________________

II. Purpose & Relationship to Objectives of TBP: Monthly meeting where members of the chapter socialize, eat and drink refreshments, and conduct business.

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

IV. Cost & Personnel Requirements: Pizza and soda

V. Special Problems: None

VI. Overall Evaluation/Results (Be Specific): Event was successful, students were informed of upcoming events in the chapter.

VII. Index of Exhibits: ___________________________________________________________
The Tau Beta Pi Association
Chapter Project Report

Project name: MindSET Pond Gap Fall Module 1  Date(s) of Project:  9/18/15

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

Number of persons who participated in this project
Members: 5  Electees: 2
Kim Carter
Daniel Graves
Robin Graves
Katelyn Luthi
Katie Manz
Eric Nelius
Andrew Turner Williamson

Hours spent on this project.  Organizing: 3  Participating: 2

DESCRIPTION:

I. General Description: Tower Building Module
First module performed with Pond Gap Elementary over principles of statics in engineering. 8 students present.

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

IV. Cost & Personnel Requirements: Material cost was $0. Materials were already in MindSET inventory. Personnel requirements consisted of volunteers.

V. Special Problems: Schedule communication; school had new staff members this year and a new after school program

VI. Overall Evaluation/Results (Be Specific): Fun module for the students where they were able to design, build and test their towers in teams. We taught and followed the engineering process.

VII. Index of Exhibits: ________________________________________________________________
____________________________________________________________________________
The Tau Beta Pi Association

Chapter: TN Alpha

Chapter Project Report

Project number: 6

Project name: Initiation Interest Meeting

Date(s) of Project: September 22, 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: 4
Electees: 19

(Please attach a list of names.)
Nathan Arnwine, Marti Bell, Braxton Brakefield, Lee Collier, John Dooley, Stacey Dotson, Evan Falk, Victoria Florence, Maggie Lau, James Lawson, Konstantin Sedov, Austin Stanford, Charles Stephens, Jordan Sutton, Andrew Wintenberg, Jake Childs, James Fitzsimmons, Christopher Muir, Mary Williams, Anna Zetterberg, Brandon Hotsinpiller, Hope Newbery, Eric Nelius

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

DESCRIPTION:

I. General Description: This meeting was an information meeting for students who were eligible for Tau Beta Pi to get more information about what Tau Beta Pi is and how to join.

II. Purpose & Relationship to Objectives of TBP: Discussed goals of Tau Beta Pi with new initiates

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

IV. Cost & Personnel Requirements: Pizza and soft drinks were provided.

V. Special Problems: __________________________________________________________

VI. Overall Evaluation/Results (Be Specific): Got students interested in joining Tau Beta Pi

VII. Index of Exhibits: _________________________________________________________
The Tau Beta Pi Association

Chapter: TN Alpha

Chapter Project Report

Project name: Officer Meeting  Date(s) of Project: September 28th, 2015

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

Number of persons who participated in this project
- Members: 7
- Electees: ___

Natalie White, Anna Zetterberg, Hope Newberry, Amy Albaugh, Eric Nelius, Brandon Hotsinpiller, A.J. Toth

Hours spent on this project.
- Organizing: 0.5
- Participating: 1

DESCRIPTION:

I. General Description: The officers discussed future general body meetings and Fall events, including Initiation.

II. Purpose & Relationship to Objectives of TBP: Officers had an opportunity to plan future events and give updates.

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

____________________________________________________________________________
____________________________________________________________________________

IV. Cost & Personnel Requirements: ______________________________________________

____________________________________________________________________________

V. Special Problems: ___________________________________________________________

____________________________________________________________________________

VI. Overall Evaluation/Results (Be Specific): The meeting was successful and future events were planned.

VII. Index of Exhibits: _________________________________________________________
Project name: General Body Meeting
Date(s) of Project: September 28, 2015

Project Area:
- ✔ Chapter/ Social
- ___ Education/ Prof. Dev.
- ___ K-12/MindSET

Number of persons who participated in this project
Members: 18     Electees: 0
(Please attach a list of names.)

Natalie Beitel, Anna Zetterberg, Hope Newberry, Shawn Morgan, Amy Albaugh, Brandon Hotsinpiller, A.J. Toth, Chris Royer, Sawyer Schultz, Travis Keever, Austin Vogel, Alex Marmon, Michael Holloway, Jordi Izban, Whitney Smith, Josh Penney, Saajid Haque, Nathan Powell

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

DESCRIPTION:

I. General Description: Mr. Anthony Oaks from DENSO’s Machinery and Tools Division gave a presentation on DENSO and his job.

II. Purpose & Relationship to Objectives of TBP: Monthly meeting where members of the chapter socialize, eat and drink refreshments. Opportunity to listen to a speaker from engineering industry and expand professional network

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

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____________________________________________________________________________

IV. Cost & Personnel Requirements: Pizza and soda, volunteer from DENSO

V. Special Problems: None

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VI. Overall Evaluation/Results (Be Specific): Event was successful, students seemed to enjoy the talk. The speaker brought interesting examples of DENSO’s products

VII. Index of Exhibits: ___________________________________________________________

____________________________________________________________________________
Project name: MindSET Lonsdale Fall Module 1   Date(s) of Project:   October 1st, 2015

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

Number of persons who participated in this project   Members: 7   Electees: 0
Daniel Graves
Robin Graves
Jordi Izban
Zach Menning
Natalie Rayfield
David Russell

Hours spent on this project   Organizing: 2   Participating: 2

DESCRIPTION:

I. General Description: Tower Building Module
First module performed with Lonsdale Elementary over principles of statics in engineering. 32 students present.

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

IV. Cost & Personnel Requirements: Material cost was $0. Materials were already in MindSET inventory. Personnel requirements consisted of volunteers.

V. Special Problems: Setting up the schedule with the school and finding the correct points of contact was initially difficult.

VI. Overall Evaluation/Results (Be Specific): Fun module for the students where they were able to design, build and test their towers in teams. We taught and followed the engineering process.

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

Chapter Project Report

Project number: 10

Project name: Officer Meeting
Date(s) of Project: November 16th, 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: 7 Electees: ___
(Please attach a list of names.)

Natalie Beitel, Anna Zetterberg, Hope Newberry, Amy Albaugh, Eric Nelius, Brandon Hotsinpiller, A.J. Toth

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

DESCRIPTION:

I. General Description: Officers of the chapter met to discuss ideas for Pi Day, Engineering Futures, and proposals. Officers were also assigned chapter reports to complete.

II. Purpose & Relationship to Objectives of TBP: The meeting helped to structure the chapter and plan future events.

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

IV. Cost & Personnel Requirements: _______________________________________________

V. Special Problems: ___________________________________________________________

VI. Overall Evaluation/Results (Be Specific): The meeting was successful, though some action items were rolled over to the next meeting.

VII. Index of Exhibits:
The Tau Beta Pi Association

Chapter: TN Alpha

Chapter Project Report

Project number: 11

Project name: Bent Shining

Date(s) of Project: October 7, 2015

Project Area: 

- Community/ Liberal Culture
- University/ College
- Profession/ Engineering

- ✔ Chapter/ Social
- Education/ Prof. Dev.
- K-12/MindSET

Number of persons who participated in this project

Members: 2
Electees: 19

(Please attach a list of names.)
Marti Bell, Nathan Arnwine, Braxton Brakefield, William Jackson, Kacie Breeding, Kangmin Cheng, Jake Childs, John Dooley, Stacey Dotson, Elizabeth Fortunato, Michael Holloway, Alexander Marmon, Zachary Menning, Hope Newberry, Joshua James, Konstantin Sedov, Jordan Sutton, William Twickler, Mary Williams, Anna Zetterberg, Maggie Lau

Hours spent on this project.

Organizing: 1
Participating: 1

DESCRIPTION:

I. General Description: Members and electees met outside our Science and Engineering Research facility where we have a bent statue in order to polish and clean it.

II. Purpose & Relationship to Objectives of TBP: The purpose is to have new initiates meet with current members to obtain signatures and get to know more about TBP. Additionally, this event helps show our pride in being a part of TBP.

III. Organization & Administration: (in conjunction with another group?) Yes

IV. Cost & Personnel Requirements:

- Purchasing of polish, brushes, and towels.

V. Special Problems:

VI. Overall Evaluation/Results (Be Specific): The bent was shinned and some graffiti was removed from the back of the bent. Additionally, several electees received signatures to complete their requirements.

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

Chapter Project Report
Project number: 12

Project name: Initiate Election Meeting Date(s) of Project: October 12, 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: 4 Electees:

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

DESCRIPTION:

I. General Description: Members voted to elect new initiates.

II. Purpose & Relationship to Objectives of TBP: Made sure that all members were in favor of initiating the new members.

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

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IV. Cost & Personnel Requirements: Pizza and soft drinks were provided.

V. Special Problems: ____________________________________________________________

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VI. Overall Evaluation/Results (Be Specific): New initiates were elected.

VII. Index of Exhibits: ____________________________________________________________

____________________________________________________________________________
Project name: Engineer’s Day Date(s) of Project: October 22, 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: 25 Electees: ___
Sawyer Schultz, Anna Zetterberg, Natalie White, Hope Newberry, Parker Tooley, William Hawks, Duncan Greeley, John Dooley, Libby Fortunado, Trey Twickler, Mary Williams, Jordan Sutton, Alex Marmon, Saajid Haque, Austin Vogel, Victoria Florence, Lee Collier, William Fredebeil, Kangmin Cheng, Beini Chen, Saya Rutherford, Zach Clark, Austin Plymill, Daniel Perling, Braxton Brakefield

Hours spent on this project. Organizing: 20 Participating: 8

DESCRIPTION:

I. General Description:
   From College of Engineering Website: “Engineers Day has been a UT College of Engineering tradition for more than 100 years. Each October, undergraduate engineering classes are dismissed for one day to allow university students and faculty to spend time interacting with hundreds of potential engineering students from high schools across the region.

   In October 2015, almost 1,300 students from forty-nine different high schools (and some homeschoolers) traveled to UT’s Knoxville campus to explore and learn about the various aspects of engineering through discussions, project demonstrations and exhibits prepared by UT engineering student clubs and societies. Participants experienced an overview of the different engineering disciplines and saw examples of how an engineer’s work impacts daily life. It is our goal that students involved in Engineers Day will be inspired by the ever-growing field of engineering.”

II. Purpose & Relationship to Objectives of TBP: Spreads the word of the organization on campus while exposing high school students to engineering.

III. Organization & Administration: (in conjunction with another group?) X Yes ___ No
   UT College of Engineering
   American Institute of Chemical Engineers (AIChE)
   American Nuclear Society (ANS)
   American Society of Agricultural and Biological Engineering (ASABE)
   American Society of Civil Engineers (ASCE)
   American Society of Heating, Refrigeration, Air Conditioning Engineers (ASHRAE)
   American Society of Mechanical Engineers (ASME)
   Army ROTC
   Biomedical Engineering Society (BMES)
   Chi Epsilon (Civil Engineering Honor Society)
   College of Engineering Advising Center
   College of Engineering Ambassadors
   CURENT Engineering Research Center
Engineers Day has been a UT College of Engineering tradition for more than 100 years. Each October, undergraduate engineering classes are dismissed for one day to allow university students and faculty to spend time interacting with hundreds of potential engineering students from high schools across the region.

In 2014, almost 1,500 students from 49 different high schools (and some home schoolers) traveled to UT’s Knoxville campus to explore and learn about the various aspects of engineering through discussions, project demonstrations and exhibits prepared by UT engineering student clubs and societies. Participants experienced an overview of the different engineering disciplines and saw examples of how an engineer’s work impacts daily life. It is our goal that students involved in Engineers Day will be inspired by the ever growing field of engineering.

We would like to thank all of the students, sponsors, judges and organizations that made Engineers Day 2014 an incredibly successful event. We look forward to seeing even more potential engineers on campus this year for Engineers Day, which will be held on Thursday, Oct. 22, 2015.

Engineers Day features five competitions for visiting students. Information on the Quiz Bowl, and rules for the Egg Drop Competition, ASCE High School Balsa Wood Bridge Competition, Radiation Shielding Competition, and the Newspaper Tower Competition may be downloaded in PDF format.

If you would like more information on this event, review our information sheet (http://www.engr.utk.edu/ed/index.html) or contact the Engineering Student Affairs office at 865-974-2454.
IV. Cost & Personnel Requirements: ________________________________________________

____________________________________________________________________________

V. Special Problems: The quiz bowl could have gone a bit smoother and a bigger question pool and new questions are needed for next year.

VI. Overall Evaluation/Results (Be Specific): Overall event was a success. A record number of high school students were in attendance.

VII. Index of Exhibits: Engineers Day 2015 featured six competitions for visiting students: Quiz Bowl, Egg Drop Competition, ASCE High School Balsa Wood Bridge Competition, Newspaper Tower Competition, and Radiation Shielding Competition

Website:

College of Engineering Flyer Attached
The Tau Beta Pi Association  Chapter:  TN Alpha  
Chapter Project Report  Project number:  14

Project name: Initiation Banquet  Date(s) of Project:  November 5, 2016

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:  8  Electees:  13
(Please attach a list of names.)
Nathan Arnwine, Marti Bell, Braxton Brakefield, Jake Childs, Lee Collier, John Dooley, Stacey Dotson, Jay Fitzsimmons, Maggie Lau, Konstantin Sedov, Austin Stanford, Jordan Sutton, Mary Williams, Natalie Beitel, Tricia Gomulinski, Curt Gomulinski, Hope Newberry, Anna Zetterberg, Lauren Foote, Aaron Young, Sawyer Schultz, Anissa Goetz, Josh Penney, Sara Parker

Hours spent on this project.  Organizing:  2  Participating:  3

DESCRIPTION:

I. General Description:  The Tau Beta Pi initiation banquet took place in the upstairs meeting room at Calhoun’s. Andrea and Nathan Keesecker from ExxonMobil funded the event and both spoke about their careers in the company.

II. Purpose & Relationship to Objectives of TBP:  The banquet is a way to bring in new initiates and let them meet all as one group for the first time. It’s a fun way to let them know they are cherished. It also helps us to continue to grow our chapter because we are able to add new, hard-working students to our membership.

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

Anna worked with Calhoun’s on the River to plan the banquet for all new initiates after the ceremony. This banquet was funded by ExxonMobil who worked with Kristin to plan their presentation for all new initiates.

IV. Cost & Personnel Requirements:  Covered by ExxonMobil

V. Special Problems:  No special problems

VI. Overall Evaluation/Results (Be Specific):  The food from the banquet was excellent as was the attendance. Nearly all of the new initiates were present for the banquet and they were able to meet each other. Andrea and Nathan, representatives from ExxonMobil, had excellent presentations on their career paths.

VII. Index of Exhibits:  ___________________________________________________________
Project name: MindSET Lonsdale Fall Module 2  Date(s) of Project: November 5th, 2015

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

Number of persons who participated in this project  Members: 9  Electees: 0
Jarrod Edwards
Anissa Goetz
Daniel Graves
Robin Graves
Jordi Izban
David Klumpe
Daniel Perling
Natalie Rayfield
Austin Vogel

Hours spent on this project  Organizing: 2  Participating: 2

DESCRIPTION:

I. General Description: Bridge Building Module
Second module performed with Lonsdale Elementary over principles of statics in engineering. 28 students present.

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

IV. Cost & Personnel Requirements: Material cost was $0. Materials were already in MindSET inventory. Personnel requirements consisted of volunteers.

V. Special Problems: There were small problems with testing the bridges that the students built, but we were able to resolve them quickly.

VI. Overall Evaluation/Results (Be Specific): Productive module for the students where they were able to design, build and test their bridges in teams. We reviewed and followed the engineering process.

VII. Index of Exhibits: __________________________________________________________
____________________________________________________________________________
Project name: MindSET Pond Gap Fall Module 2   Date(s) of Project:   November 6th, 2015

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

Number of persons who participated in this project   Members: 5   Electees: 0
Kim Carter
Daniel Graves
Robin Graves
Eric Nelius
Andrew Williamson

Hours spent on this project   Organizing: 2   Participating: 2

DESCRIPTION:

I. General Description: Bridge Building Module
Second module performed with Pond Gap Elementary over principles of statics in engineering. 10 students present.

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

IV. Cost & Personnel Requirements: Material cost was $0. Materials were already in MindSET inventory. Personnel requirements consisted of volunteers.

V. Special Problems: The module ran smoothly with no problems.

VI. Overall Evaluation/Results (Be Specific): Productive module for the students where they were able to design, build and test their bridges in teams. We reviewed and followed the engineering process.

VII. Index of Exhibits: ___________________________________________________________
______________________________
The Tau Beta Pi Association

Chapter Project Report

Project name: General Body Meeting
Date(s) of Project: November 16, 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: 16
Electees: ___

(Please attach a list of names.)

Natalie Beitel, Anna Zetterberg, Hope Newberry, Shawn Morgan, Amy Albaugh, Eric Nelius, Daniel Graves, Brandon Hotsinpiller, A.J. Toth, Alex Marmon, Braxton Brakefield, Travis Keever, Katelyn Luthi, Michael Holloway, Trey Twickler, Austin Vogel

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

DESCRIPTION:

I. General Description: Ms. Sarah Lim from Y-12 National Security Complex gave a presentation on Y-12 and her job.

II. Purpose & Relationship to Objectives of TBP: Monthly meeting where members of the chapter socialize, eat and drink refreshments, and conduct business.

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

IV. Cost & Personnel Requirements: Cost of pizza, room reservation

V. Special Problems: 

VI. Overall Evaluation/Results (Be Specific): Event was successful, students seemed to enjoy the talk

VII. Index of Exhibits: 

The Tau Beta Pi Association
Chapter:  TN Alpha

Chapter Project Report

Project number:  18

Project name: Trivia Night

Date(s) of Project:  November 18, 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: 6  Electees: ___

(Please attach a list of names.)

Anna Zetterberg, Hope Newberry, Anissa Goetz, A.J. Toth, Sawyer Schultz, Stacey Dotson

Hours spent on this project.

Organizing: _1__  Participating: _3__

DESCRIPTION:

I. General Description: Members met at a local restaurant to eat dinner and play trivia.

II. Purpose & Relationship to Objectives of TBP: Promoted socialization among members

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

____________________________________________________________________________

____________________________________________________________________________

IV. Cost & Personnel Requirements: Members paid for their own meals

V. Special Problems: ___________________________________________________________

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VI. Overall Evaluation/Results (Be Specific): Low turnout, but members got to know each other better

VII. Index of Exhibits: __________________________________________________________
The Tau Beta Pi Association
Chapter: TN Alpha

Chapter Project Report

Project name: MindSET Dogwood Spring Module 0   Date(s) of Project: January 27th, 2016

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: 6   Electees: 0
Daniel Graves
Robin Graves
Jordan Sutton
Zach Menning
William Fredebeil
Rebecca Kimberlin

Hours spent on this project   Organizing: 2   Participating: 2

DESCRIPTION:

I. General Description: Tower Building Module
Introductory module performed with Dogwood Elementary over principles of statics in engineering.
First module performed at Dogwood Elementary by TN Alpha. 22 students present.

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

IV. Cost & Personnel Requirements: Material cost was $0. Materials were already in MindSET inventory. Personnel requirements consisted of volunteers.

V. Special Problems: We had one volunteer who was unable to attend due to a personal emergency.
We were able to compensate with our other volunteers. The module ran smoothly with no problems and was a good way to initiate our chapter’s relationship with Dogwood Elementary.

VI. Overall Evaluation/Results (Be Specific): Productive module for the students where they were able to design, build and test their towers in teams. We reviewed and followed the engineering process.

VII. Index of Exhibits: ___________________________________________________________
____________________________________________________________________________
The Tau Beta Pi Association

Chapter:  TN Alpha

Chapter Project Report

Project name: MindSET Lonsdale Spring Module 1  Date(s) of Project:  February 4th, 2016

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

Number of persons who participated in this project
Members: 5  Electees: 0
Daniel Graves
Robin Graves
Eric Nelius
Mary Williams
Anissa Goetz

Hours spent on this project  Organizing: 2  Participating: 2

DESCRIPTION:

I. General Description: Aluminum Foil Boat Building Module
First module performed with Lonsdale Elementary over principles of buoyancy. 25 students present.

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

IV. Cost & Personnel Requirements: Material cost was $20.58 (to replenish masking tape supply). Other materials were already in MindSET inventory. Personnel requirements consisted of volunteers.

V. Special Problems: We ran into a small time constraint issue with scoring the boats once they sank due to having to count wet coins, but we mediated this by starting to count the coins on the front end (prior to sinking).

VI. Overall Evaluation/Results (Be Specific): Productive module for the students where they were able to design, build and test their boats in teams. We reviewed and followed the engineering process.

VII. Index of Exhibits: ___________________________________________________________
_____________________________________________________________________________
The Tau Beta Pi Association

Chapter: TN Alpha

Chapter Project Report

Project number: 21

Project name: Initiation Interest Meeting

Date(s) of Project: February 10-11, 2016

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: 36

(Please attach a list of names.) Jared Carnes, Sam Brown, Alexandra Gregory, David Marsh, Stephen Lagutchik, Mary Mcbride, Cameron Tuck, Abigail Pennington, Sarah Higginbotham, Jake McCoy, James Ghawaly, Matthew Davis, Will Hoskins, Quillen Blalock, Megan Peck, Karson Stone, Andrew Kanel, Mia Becker, Bethany Dietz, Trevor Sharpe, Michael Trout, Daniel Barry, Jia Rong Chong, Caroline Hill, Andrew Wintenberg, Michael Haines, Bennett Waddell, Ryan Marine, Cliff Hawkins, Travis Labossiere-Hickman, Andrew Baker, Daniel Enciso, Elissa Hawkins, Cole Keck, Chris Muir, Taylor Adams, Daniel Graves, Anna Zetterberg

Hours spent on this project. Organizing: 3 Participating: 2

DESCRIPTION:

I. General Description: This meeting was an information meeting for students who were eligible for Tau Beta Pi to get more information about what Tau Beta Pi is and how to join.

II. Purpose & Relationship to Objectives of TBP: Discussed goals of Tau Beta Pi with new initiates

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

____________________________________________________________________________

____________________________________________________________________________

IV. Cost & Personnel Requirements: Pizza and soft drinks were provided.

V. Special Problems: ___________________________________________________________

____________________________________________________________________________

____________________________________________________________________________

VI. Overall Evaluation/Results (Be Specific): Got students interested in joining Tau Beta Pi

VII. Index of Exhibits: ___________________________________________________________

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____________________________________________________________________________
Chapter Project Report

Project name: Initiate Interviews  Date(s) of Project: February 23rd-February 25th

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: 10 Electees: 34

Hours spent on this project. Organizing: 1 Participating: 11 hours, 20 minutes

DESCRIPTION:
I. General Description: __________________________________________________________
   __________________________________________________________________________

II. Purpose & Relationship to Objectives of TBP: __________________________________
   __________________________________________________________________________

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

IV. Cost & Personnel Requirements: ___________________________________________

V. Special Problems: _____________________________________________________

VI. Overall Evaluation/Results (Be Specific): ____________________________________
   __________________________________________________________________________

VII. Index of Exhibits: __________________________________________________________
   __________________________________________________________________________
The Tau Beta Pi Association
Chapter: TN Alpha

Chapter Project Report

Project number: 23

Project name: MindSET Dogwood Spring Module 1  Date(s) of Project: February 24th, 2016

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

Number of persons who participated in this project
Members: 6  Electees: 0
Daniel Graves
Robin Graves
Stacey Dotson
John Dooley
Jordan Sutton
Austin Vogel

Hours spent on this project  Organizing: 2  Participating: 2

DESCRIPTION:

I. General Description: Aluminum Foil Boat Building Module
Module performed with Dogwood Elementary over principles of buoyancy. 18 students present.

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

IV. Cost & Personnel Requirements: Material cost was $20.58 (to replenish masking tape supply). Other materials were already in MindSET inventory. Personnel requirements consisted of volunteers.

V. Special Problems: The module ran smoothly with no problems.

VI. Overall Evaluation/Results (Be Specific): Productive module for the students where they were able to design, build and test their boats in teams. We reviewed and followed the engineering process.

VII. Index of Exhibits: ____________________________________________________________
____________________________________________________________________________
Chapter Project Report

Project name: General Body Meeting
Date(s) of Project: February 25, 2016

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: _____  Electees: ___

Alex Marmon, Travis Keever, Austin Vogel, Daniel Perling, Michael Holloway, Robin graves, Stacey Dotson, Nathan Arnwine, Marry Williams, Hope Newberry, Jordan Sutton, Austin Plymill, Amy Albaugh, Aaron Young Ben Parrott, Konstantin Sedov, Jake Childs, Josh Penney, Andrew Williamson, James Fitzsimmons, Chris Royer, Thomas Gaetjens, A.J. Toth, Sara Parker, Kristen Miranda, Braxton Brakefield, Anna Zetterberg, Saajid Haque, Marti Bell, Eric Nelius, Natalie White

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

DESCRIPTION:

I. General Description: Ronald Michaels, PhD from the Great Smokey Mountain Alumni Chapter came to speak. He is the Technical Director for the Phenotype Screening Corporation which he co-founded. Dr. Michaels' business covers a wide range of methods for plant growth characterization: x-ray imaging, image analysis, pattern recognition, software development, and plant growth in artificial environments. He also has spent several years working in Africa and the Middle East with the Peace Corps, USAID, and private companies.

II. Purpose & Relationship to Objectives of TBP: The meeting was also a chance for the chapter to come together and enjoy pizza and refreshments while expanding the students' professional networks.

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

IV. Cost & Personnel Requirements: Cost of pizza, room reservation

V. Special Problems: __________________________________________________________

VI. Overall Evaluation/Results (Be Specific): The meeting went well, and students enjoyed an entrepreneurial perspective from the speaker.

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

Project name: Initiate Election Meeting  
Date(s) of Project:  March 8, 2016  

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:  _13_  Electees:  
(Please attach a list of names.)  
Anna Zetterberg, Austin Plymill, Amy Albaugh, Chris Royer, Hope Newberry, Michael Holloway, David Klumpe, Sawyer Schultz, Zach Menning, James Fitzsimmons, Alex Marmon, Nathan Arnwine, Shawn Morgan  

Hours spent on this project.  
Organizing:  _1_  Participating:  _1_  

DESCRIPTION:  
I. General Description: Members voted to elect new initiates.  
II. Purpose & Relationship to Objectives of TBP: Made sure that all members were in favor of initiating the new members.  
III. Organization & Administration: (in conjunction with another group?)  __ Yes  _X_ No  

____________________________________________________________________________  
____________________________________________________________________________  

IV. Cost & Personnel Requirements: Pizza and soft drinks were provided.  
V. Special Problems:  

____________________________________________________________________________  
____________________________________________________________________________  

VI. Overall Evaluation/Results (Be Specific): New initiates were elected.  
VII. Index of Exhibits:  

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____________________________________________________________________________
The Tau Beta Pi Association
Chapter: TN Alpha
Chapter Project Report

Project name: MindSET Lonsdale Spring Module 2   Date(s) of Project: March 10, 2016

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

Number of persons who participated in this project

Members: 3   Electees: 3

Daniel Graves  Robin Graves  Daniel Perling  Travis Keever  Abigail Pennington  Cameron Tuck

Hours spent on this project   Organizing: 2   Participating: 2

DESCRIPTION:

I. General Description: Egg Drop Module
Module performed with Lonsdale Elementary over principles of statics and impact. 28 students present.

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

IV. Cost & Personnel Requirements: Material cost was $0. Materials were already in MindSET inventory. Personnel requirements consisted of volunteers.

V. Special Problems: We did not anticipate the large number of cardboard pieces used by the students in their designs. We ran out of cardboard supplies but were able to cut more to mediate the problem. We will bring more supplies for our next module to prevent the students from having to wait.

VI. Overall Evaluation/Results (Be Specific): Students were able to design, build and test their egg drop designs in teams. We reviewed and followed the engineering process.

VII. Index of Exhibits: __________________________________________________________

____________________________________________________________________________
The Tau Beta Pi Association
Chapter: TN Alpha

Chapter Project Report

Project name: Tau Beta Pi Day  Date(s) of Project: March 11, 2016

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: All 39 active members were invited to participate but were not required to report, so the chapter is unsure of how many took part.

Hours spent on this project.  Organizing: 0.5  Participating: 1

DESCRIPTION:

I. General Description: Active members of the TN-A chapter were encouraged to display their personal bents on campus for “Pi Day,” since March 14th fell during the University’s spring break.

II. Purpose & Relationship to Objectives of TBP: The purpose of Pi Day was to expose students on campus to the presence of Tau Beta Pi and its mission.

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

IV. Cost & Personnel Requirements: None

V. Special Problems: The chapter did not take attendance since participation was voluntary and the chapter did not meet.

VI. Overall Evaluation/Results (Be Specific): Several members reported that they wore their bents in honor of Pi Day.

VII. Index of Exhibits:  

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IV. Cost & Personnel Requirements: None

V. Special Problems: The chapter did not take attendance since participation was voluntary and the chapter did not meet.

VI. Overall Evaluation/Results (Be Specific): Several members reported that they wore their bents in honor of Pi Day.

VII. Index of Exhibits:  

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____________________________________________________________________________
The Tau Beta Pi Association

Chapter: TN Alpha

Chapter Project Report

Project number: 28

Project name: Bent Shining

Date(s) of Project: March 22, 2016

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

Number of persons who participated in this project
- Members: 8
- Electees: 17

(Please attach a list of names.)
Ben Parrott, Saajid Haque, Stacey Dotson, Andrew Peters, Stephen Lagutchik, Nathan Arnwine, Hope Newberry, Alexandra Gregory, Sarah Higginbotham, Will Hoskins, Quillen Blalock, Ryan Marine, Jared Carnes, Andrew Wintenberg, Michael Haines, Abigail Pennington, David Marsh, Jake McCoy, Cameron Tuck, Summer Church, Sam Brown, Daniel Enciso, Shawn Morgan, Cole Keck, Michael Holloway

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

DESCRIPTION:

I. General Description: Electees and current members met to shine the BENT on display on the engineering campus. This allowed the electees to meet current members.

II. Purpose & Relationship to Objectives of TBP: Helped foster community within the organization and brought attention to the Bent displayed on campus.

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

IV. Cost & Personnel Requirements: None

V. Special Problems:

VI. Overall Evaluation/Results (Be Specific): Good turnout, electees got to meet quite a few current members and officers.

VII. Index of Exhibits:

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_______________________________________________________________
The Tau Beta Pi Association
Chapter Project Report

Project name: MindSET Dogwood Spring Module 2  Date(s) of Project:  March 23rd, 2016

Number of persons who participated in this project

Daniel Graves
Robin Graves
John Dooley
Barbara Smith
Bethany Dietz
Megan Peck
William Fredebeil
Kylie White
Elissa Heckman
Daniel Encisco

Hours spent on this project
Organizing: 2  Participating: 2

DESCRIPTION:

I. General Description: Egg Drop Module
Module performed with Dogwood Elementary over principles of statics and impact. 13 students present.

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

IV. Cost & Personnel Requirements: Material cost was $0. Materials were already in MindSET inventory. Personnel requirements consisted of volunteers.

V. Special Problems: The module ran smoothly with no problems.

VI. Overall Evaluation/Results (Be Specific): Students were able to design, build and test their egg drop designs in teams. We reviewed and followed the engineering process.

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

Chapter Project Report
Project number: 30

Project name: Spallation Neutron Source Tour  Date(s) of Project: March 31st, 2016

Project  __ Community/ Liberal Culture  __ University/ College  X_ 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.)
Jake Childs, Marti Bell

Hours spent on this project.
Organizing: 0  Participating: 3

DESCRIPTION:

I. General Description: __Along with our local alumni chapter, the Great Smoky Mountains Alumni Chapter, we visited Oak Ridge National Laboratories’s Neutron SPallation Source. There we had a presentation given to us by three engineers about how the Spallation occurs and how the beams are directed into particular paths to be used for experiments. We learned how it is free to use the facility to do research as long as you make the data you collect public. We also took a tour of the facility to see the lines where the beams were directed through.__________________________________________________________

II. Purpose & Relationship to Objectives of TBP: __This tour helped to further educate our members about new technology while also providing the opportunity for members to connect with members of our alumni chapter.______________________________________________________________

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

____________________________________________________________________________

____________________________________________________________________________

IV. Cost & Personnel Requirements: _______________________________________________

____________________________________________________________________________

V. Special Problems: ___________________________________________________________

____________________________________________________________________________

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

____________________________________________________________________________

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

Chapter Project Report
Project number: 31

Project name: TBP District 6 Conference   Date(s) of Project: April 1st - April 2nd, 2016

Project   ___ Community/ Liberal Culture   ___ University/ College   X Profession/ Engineering
Area:     ___ 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.)

Natalie White    John Dooley    Maggie Lau

Hours spent on this project. 2 days   Organizing: ___   Participating: X

DESCRIPTION:

I. General Description: Attended the district 6 conference held at Vanderbilt University. On the first
day, we worked in groups with other TBP chapters in the same region and figured out common
problems we had in our chapter and ways to solve them. On the second day, we had an icebreaker,
meetings to learn more about the chapter and officer responsibilities, presentation by the most
outstanding student chapter and an egg drop group activity for us to get to know officers from other
chapters better.

II. Purpose & Relationship to Objectives of TBP: Learned more about TBP's goals, ways to improve
on our TBP chapter, paperwork that needs to be filled.

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

IV. Cost & Personnel Requirements: $0

V. Special Problems: none

VI. Overall Evaluation/Results (Be Specific): Event went very well. New officers learned more about
the chapter and their responsibilities for the following year.

VII. Index of Exhibits: ___________________________________________________________
The Tau Beta Pi Association
Chapter Project Report

Project name: General Body Meeting
Date(s) of Project: April 5, 2016

Members: 27 Electees: ___
Maggie Lau, Konstantin Sedov, Nathan Arnwine, Amy Albaugh, Chris Royer, Jordan Sutton, Rebecca Kimberlin, Marti Bell, Sara Parker, Austn Vogel, Daniel Perling, Alex Marmon, Alex Parrott, Saya Rutherford, A.J. Toth, Mary Williams, Josh Penney, Aaron Young, Austin Plymill, Jordi Izban, John Dooley, Michele Holloway, Nathan Powell, Shawn Morgan, Anna Zetterberg, Sawyer Schultz, Natalie White

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

DESCRIPTION:

I. General Description: The speaker was Dr. Daryl Armentrout, an alumnus of the University of Tennessee and long-time engineer at the Tennessee Valley Authority. He gave engineering career advice and a summary of his own experiences in the field.

II. Purpose & Relationship to Objectives of TBP: The meeting was also a chance for the chapter to come together and enjoy pizza and refreshments while expanding the students’ professional networks.

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

IV. Cost & Personnel Requirements: ____________________________

V. Special Problems: ____________________________

VI. Overall Evaluation/Results (Be Specific): The meeting went well, and students enjoyed the speaker’s practical career advice.

VII. Index of Exhibits: ____________________________
Project name: MindSET Lonsdale Spring Module 3  Date(s) of Project: April 7th, 2016

Number of persons who participated in this project  Members: 5  Electees: 0
Daniel Graves
Robin Graves
Jordi Izban
Zach Menning
Eric Nelius

Hours spent on this project  Organizing: 2  Participating: 2

DESCRIPTION:
I. General Description: Alka-Seltzer Rockets Module
Module performed with Lonsdale Elementary over forces acting on rockets, including thrust, drag, and weight. 19 students present.

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

IV. Cost & Personnel Requirements: Material cost was $7.98 for Alka-Seltzer tablets. Personnel requirements consisted of volunteers.

V. Special Problems: Sometimes launching the rockets proved difficult. We determined using 3 Alka-Seltzer tablets improved the launch.

VI. Overall Evaluation/Results (Be Specific): Students were able to design, build and test their rocket designs in teams. We reviewed and followed the engineering process.

VII. Index of Exhibits: __________________________________________________________
____________________________________________________________________________
The Tau Beta Pi Association Chapter: TN Alpha

Chapter Project Report

Project number: 34

Project name: Initiation Banquet Date(s) of Project: April 10, 2016

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: __15__ Electees: _29__
(Please attach a list of names.)
Natalie Beitel, Lee Collier, Tricia Gomulinski, Curt Gomulinski, A.J. Toth, Anna Zetterberg, Maggie Lau, Marti Bell, Aaron Young, Libby Fortunato, Josh Penney, Lauren Foote, Sara Parker, Daniel Barry, Quillen Blalock, Samuel Brown, Jared Carnes, Bethany Dietz, Daniel Enciso, James Ghawaly, Alexadra Gregory, Michael Haines, Elissa Heckman, Sarah Higginbotham, Caronline Hill, William Hoskins, Andrew Kanel, Coke Keck, Travis Labossiere-Hickman, Stephen Lagutchik, Ryan Marine, David Marsh, Mary Mcbride, Jacob McCoy, Megan Peck, Abigail Pennington, Andrew Peters, Trevor Sharpe, Karson Stone, Cameron Tuck, Andrew Wintenberg, Donald Collins, Wayne Davis, Dr. Benjamin Blalock

Hours spent on this project. Organizing: 2 Participating: 3

DESCRIPTION:

I. General Description: The Tau Beta Pi initiation banquet took place in the upstairs meeting room at Calhoun's. The Dean of the College, Dean Davis, was the special presenter and spoke about the future of the College of Engineering and new initiatives that College of Engineering here at UT is taking.

II. Purpose & Relationship to Objectives of TBP:
The banquet is a way to bring in new initiates and let them meet all as one group for the first time. It's a fun way to let them know they are cherished. It also helps us to continue to grow our chapter because we are able to add new, hard-working students to our membership.

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

IV. Cost & Personnel Requirements: The cost was funded by the Chapter.

V. Special Problems: No Special Problems

VI. Overall Evaluation/Results (Be Specific):
Initiation overall went very well. While it would have been nice to have a company sponser tha banquet, ExxonMobil (the usual sponser) was unable to attend. however, Dean Davis did an excellent job speaking on behalf of the College of Engineering.

VII. Index of Exhibits: ____________________________________________________________

_______________________________________________________________________________
The Tau Beta Pi Association  
Chapter: TN Alpha  
Chapter Project Report 

Project name: General Body Meeting          Date(s) of Project: April 21, 2016

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: 25       Electees: ___
Present: Anna Zetterberg, Megan Peck, Stacey Dotson, Andrew Kanel, Andrew Wintenberg, Karson Stone, Sam Brown, Cole Keck, Stephen Lagutchik, Cameron Tuck, Trevor Sharpe, Jared Carnes, Jake McCoy, David Marsh, Michael Haines, Daniel Enciso, Alexandra Gregory, Hope Newberry, John Dooley, A.J. Toth, Mia Becker, Marti Bell, Amy Albaugh, Maggie Lau, Abby Pennington

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

DESCRIPTION:

I. General Description: Ms. Andrea Gerrity, of Exxon Mobil, gave a presentation on her career with Exxon Mobil.

II. Purpose & Relationship to Objectives of TBP: The meeting was also a chance for the chapter to come together and enjoy pizza and refreshments while expanding the students’ professional networks.

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

____________________________________________________________________________

____________________________________________________________________________

IV. Cost & Personnel Requirements: The speaker covered the cost of pizza for this meeting. Also required a room reservation

V. Special Problems: ___________________________________________________________

______________________________________________________________________________

VI. Overall Evaluation/Results (Be Specific): The meeting was successful and students seemed to enjoy the speaker’s presentation.

VII. Index of Exhibits: _________________________________________________________

_______________________________________________________________________________
The Tau Beta Pi Association
Chapter: TN Alpha

Chapter Project Report

Project number: 36

Project name: Officer Transition Meeting
Date(s) of Project: April 16th, 2016

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: 10  Electees: ___
(Please attach a list of names.)
John Dooley, Maggie Lau, Marti Bell, Robin Graves, Daniel Graves, Natalie Beitel, AJ Toth, Sara Parker, Tricia Gomulinski, Incoming President of GSMAC

Hours spent on this project.
Organizing: 1   Participating: 4.5

DESCRIPTION:
I. General Description: Meeting at Tricia and Kurt’s house with dinner provided to discuss roles and visions for officers next year.

II. Purpose & Relationship to Objectives of TBP: Old officers met with the new officers to discuss the things that went well and things that could be improved upon for the new officers to take note of.

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

IV. Cost & Personnel Requirements: The cost was covered by Tricia and Kurt Gomulinski

V. Special Problems: None

VI. Overall Evaluation/Results (Be Specific): The meeting was extremely thorough and many new ideas were discussed for the upcoming year.

VII. Index of Exhibits: ________________________________
Project name: MindSET Dogwood Spring Module 3  Date(s) of Project:  April 27th, 2016

Number of persons who participated in this project
Members: 5   Electees: 0
Daniel Graves
Robin Graves
Travis Labossiere-Hickman
Eric Nelius
Sawyer Schultz

Hours spent on this project    Organizing: 2    Participating: 2

DESCRIPTION:

I. General Description: Alka-Seltzer Rockets Module
Module performed with Dogwood Elementary over forces acting on rockets, including thrust, drag, and weight. 22 students present.

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

IV. Cost & Personnel Requirements: Material cost was $7.98 for Alka-Seltzer tablets. Personnel requirements consisted of volunteers.

V. Special Problems: Sometimes launching the rockets proved difficult. We determined using 3 Alka-Seltzer tablets improved the launch.

VI. Overall Evaluation/Results (Be Specific): Students were able to design, build and test their rocket designs in teams. We reviewed and followed the engineering process.

VII. Index of Exhibits: ___________________________________________________________
____________________________________________________________________________