



American Society of Mechanical Engineers

First General Body Meeting

Experiences

- Hands-on projects
- Interactive Learning
- Teamwork
- Competition

Connections

- Professional speakers
- Networking
- Tours
- Real-life Engineers

Announcements

Dues: \$10 if paid by second GBM, then goes up to \$15. (Access to Projects and Tours).

Mechanical Engineering Seminar Series:

- Wednesday October 11th from 2 to 3:50PM in E201
 - 3 Women from Northrop Grumman
- Every other Wednesday

BuildIT Lab Workshop: in the BuildIT Lab on October 5th, 4 to 5:30PM (25 spots)

Second GBM: Monday September 25th at 4 PM in the Pride Suite



Join ASME for a chance to win a

**FREE MAKER
FAIRE TICKET!**



Ticket Valid for October 7, 2017 10AM - 6PM

SEAN BENNETT

AS Representatives

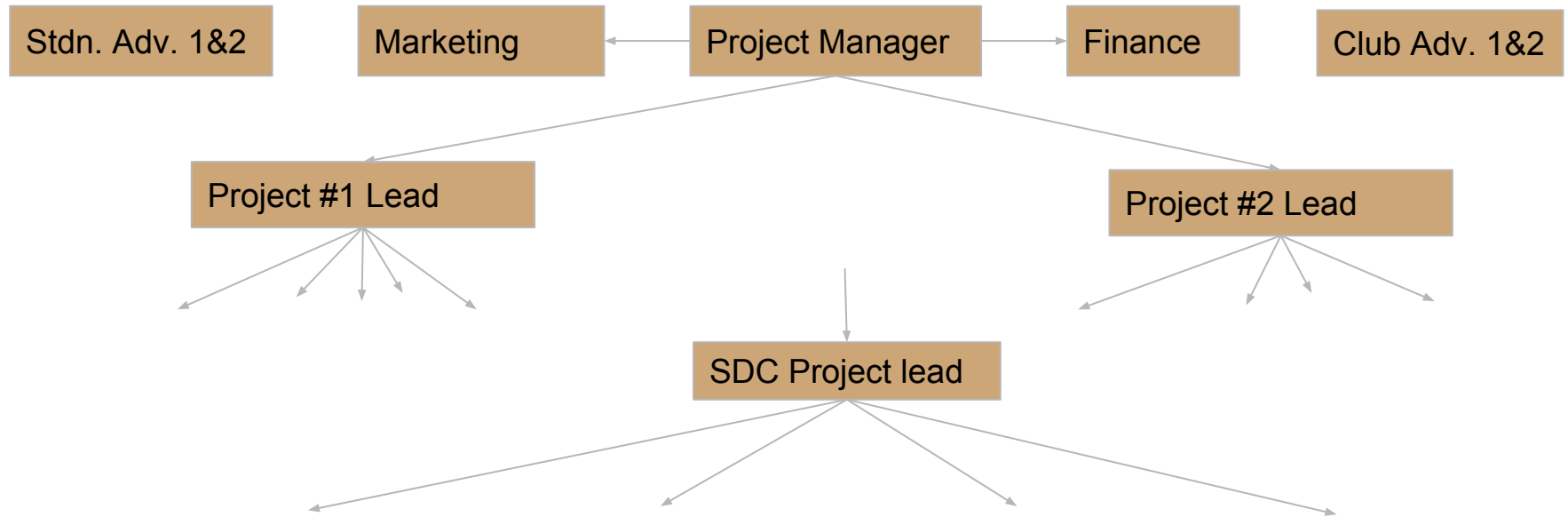
- What we do
 - University Council/Liaison for college of engineering/serve students
- Goals
 - Media campaign for Engineering/Engineering on Campus
 - AS Collaboration/College Councils
 - Study abroad template (opportunities)
- AS Updates
 - Undergraduate Research Committee
 - President Search Survey



ASME SDC



Structure for 2017-2018



Project #1

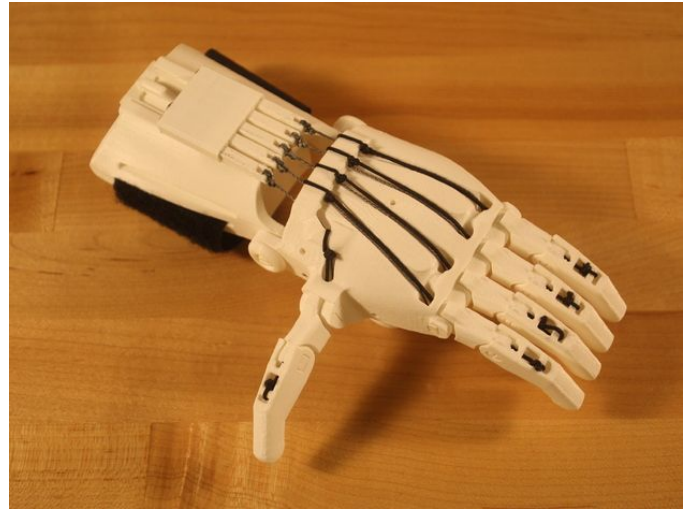
Problem: Smart prosthetics are too expensive

Definition: Create a low cost EEG controlled prosthetic

Execution: Divide and conquer task

Performance Control: Iterate first make

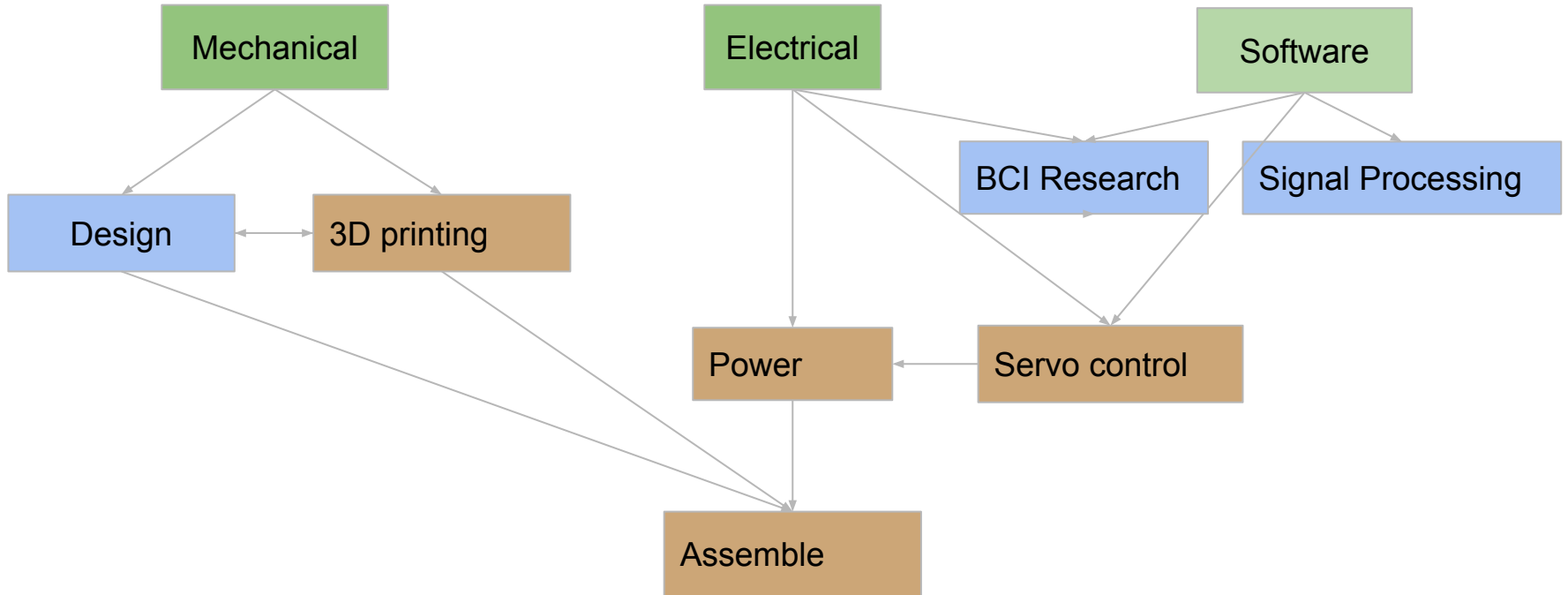
Project Close: Showcase Project at last GBM of the semester



Prosthetic Process

■ = research

■ = proof of concept



Project #2

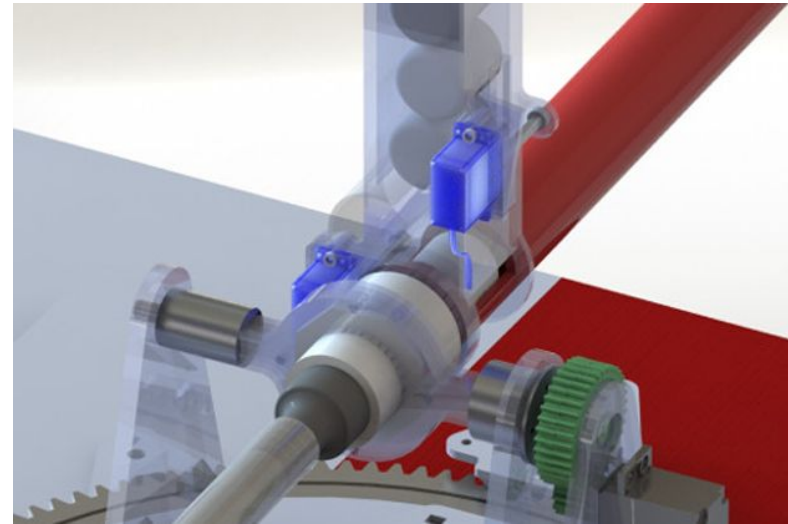
Problem: I can't eat marshmallows when my hands are full

Definition: Build a fully autonomous marshmallow launcher

Execution: Divide and conquer.

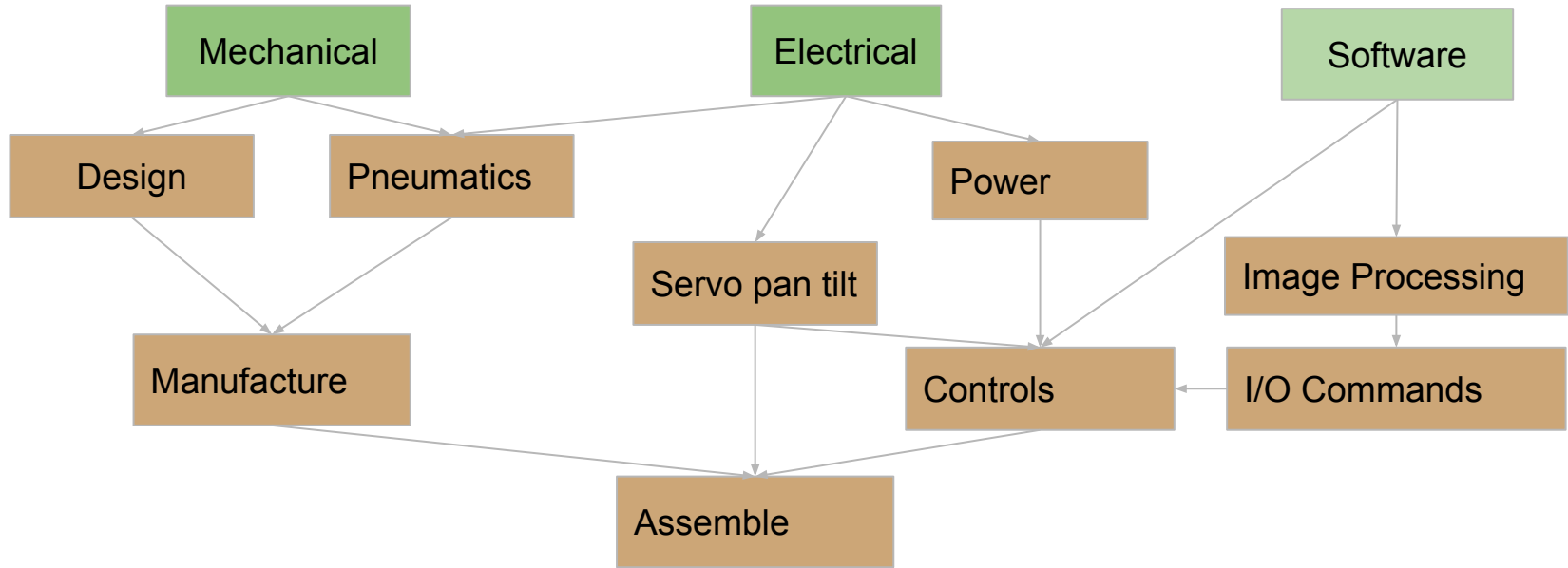
Performance Control: Iterate first make

Project Close: Showcase Project at last GBM of the semester



"Confectionary Cannon" © 2013 Forrest Bourke Design

Marshmallow Launcher Process



Project Meetings

- First project meeting: Thursday **September 21st**
- Engineering floor of Adams Humanities: **AH 4176**
- Slack sign up will be sent out to join



Project Meeting

- First project meeting: Thursday **September 21st**
- We'll be dividing into three groups at the meeting
- Project lead application will be in the email.



Design



Manufacturing



Electronics
(Hardware + Software)

IMPORTANT ANNOUNCEMENTS

- SIGN UP for our email list with Hannah before you leave to get information about upcoming meetings
- PAY your dues (\$10) today to get the discounted price and be entered to win a Maker Faire Ticket (@Hannah_Morgan)
- ASK your ASME Officers before you leave if you have any questions!