



# New Hampshire Society of Professional Engineers

A state society of the National Society of Professional Engineers

## Board of Directors Monthly Meeting Minutes

DATE February 17, 2016 6:30 p.m. to 8:30 p.m.  Location: <b>AECOM 1155 Elm Street, Suite 401, Manchester, NH</b>	X	Dirk Grotenhuis, PE (President)*	X	Matt Low, PE (Teachers Awards)
	X	Jason Beaudet, PE (Past President)*		Ben Pratt, PE (Mathcounts)
	X	Carl Thunberg, PE (Pres. Elect, Scholar.)*		Bill Straub, PE (QBS Representative)
		Vacant (Vice President)*		Bob Rotier (Student Outreach)
	X	Julie Whitmore, PE (Secretary)*	X	Larry Dwyer, PE (JES & Eweek Chair)
	X	Chuck Gregory, PE (Treasurer)*		Scott Carter, PE (Webmaster)
	X	Roch Larochelle, PE (NH - Delegate)*		John Martin, PE (NE - Director)
		Gregg Comstock, PE (Director)*		Ted Setas, PE (Observer)
	X	Corey Dietrich, EIT (Dir., Mem. Chair)*	X	Bryn Burns (NH Public Television)
		Nita Patel, PE (Director)*		
*Voting Board Member		Thalia Valkanos, EIT (Director)*		

### OLD BUSINESS

1. Approval of January Meeting Minutes (**Vote**)
  - a. Roch motions to approve
  - b. Jay seconds
  - c. Unanimous approval

### NEW BUSINESS

- **Guest** – Bryn Burns – NH Public Television – STEM start-up
  - NHPTV starting STEM initiative
  - Partnered with learniverse
  - Focusing toward pre-k through 2<sup>nd</sup> grade
  - FREE program!
  - Need funding to push forward
  - Findings:
    - Children determine what type of learners they are by 3<sup>rd</sup> grade
    - Hence the need to push STEM at an earlier age and create a more engaging environment
  - Address 4 E's:
    - Engagement – want to engage children and keep them excited about the subject
    - Effective – video is too fast for children to retain, however, can be a tool in a classroom that leads to an activity – inquiries, sorting, other physical activities
      - “Do”-toon as opposed to cartoon
    - Ease of Use – teachers have very limited time, focus on reading and math due to testing requirements
      - Needed to make the material easy for teachers to use
    - Equity – specialized programs are very expensive, so this curriculum needs to be offered for FREE
      - This program is available online
  - Program has been evaluated throughout NH
    - Activated prototype in Manchester
    - One of the lessons has been used in Manchester classes
    - 3 additional lessons filmed
    - Almost 4 completed lessons
    - Will grow to complete physical sciences, then continue through other STEM fields
  - Strong push for female involvement/engagement
  - Characters are very interesting to children
  - Currently on the hunt for financial support/partners
    - Many interested parties, but no financial support yet
  - Looking for continual support
  - Program could be potentially sustainable through merchandising or creating kits or apps

- Immediate goal is to raise \$60k to finish the first 4 episodes and build discovery guides and website
- If money becomes available immediately, website could be launched in 2 months
- NHSPE is offering a table for display
  
- **Treasure's Report (Chuck)**
  - Treasurers Report
    - DPW = successful meeting
    - E-week money coming in
    - Chuck to touch base with John G. regarding transitioning treasurer responsibilities
  
- **Society Governance**
  - Next Observer Issue (Ted) - Issue No. 3
    - March deadline
    - E-week articles and photos
  - Website Maintenance (Scott) – Crystal Vision; Edits to be made (Dirk/Jay); Society cloud storage (Corey)
    - Edits to be sent to Scott soon
    - Dirk found CV contract – need to send to Scott so he can compare to other source
    - No change yet, but need to decide where to store information
      - Will set up Google account
  - Board and Subcommittee Positions
    - 2015/2016: Need VP
      - Still looking!
      - Working on potential candidates – maybe Nate Cote
    - 2016/2017: Need Teacher's Awards, MathCounts assistance
      - Matt will not step down until a new chair assigned
      - Maybe Ben and Gregg can provide NHSPE names of potential individuals to take over
  
- **Professional Development and Continuing Education**
  - Upcoming Meetings
    - February 25 - EWeek Banquet
      - \$7300 sponsors
      - 7 exhibitors
      - 120 for banquet (15 free)
      - 40 + 24 platinum attendees
      - \$5300 profit
      - Raffle prizes – Puritan only
      - Need more!
      - Salad, then awards, then dinner, then speaker during dessert
    - March – **No Meeting**
    - April – **VACANT**
      - Need a topic!
      - Balsams project (Larry)
    - May ? – New PE Dinner
      - Need to get speaker
      - Coordinate with joint board
      - Marga Bissett to announce new PE's
      - Ethics topic
    - June 9 – NHSPE Annual Meeting
      - National rep not designated yet
  - Vacant Meeting topics
    - Ever source – (Carl)
      - Formally declined
    - Next Step Bionics (Jay)
    - Climate Change (??)
    - NH Stormwater (??)

- New Hampshire Science and Engineering Exposition (NHSEE) (Bob)
- University/College – Tau Beta Pi (Kat & Alyssa)
  - Alyssa will be graduating, new board incoming
  - Mentoring period
  - May meeting for installation of officers
- **Public Image and Student Outreach**
  - MATHCOUNTS (Ben /Gregg)
    - March 5<sup>th</sup>
    - Need scorers
  - Teacher's Award (Matt L.)
    - Applications in and distributed to other societies – 12 (4 at elementary, 2 at middle school, 6 at high school)
    - Scores and rankings back in about a month
    - Awards distributed by mid-May
  - NHSPE John Alger Memorial Scholarship (Dirk)
    - No applications received
    - April 30<sup>th</sup> deadline
      - May distribute e-mail again
- **Government Affairs**
  - Legislation Update (Carl)
    - No licensure updates
    - Carl goes to NH General Court and searches different words to find new legislature
    - Reviews the bills to find anything related to licensure
- **State Society Collaboration**
  - NHJES (Larry)
    - Theme for next year's event
    - 10<sup>th</sup> anniversary....want something big to celebrate
  - E-Week (Larry)
    - See above
    - Additionally, need to consider donation to Franklin Pierce
      - Chuck motions to donate \$1000
      - Roch seconds
      - All approved
    - Still need raffle items
- **Membership**
  - Membership Report (Corey)
  - Format changed for Corey's access – can no longer see who's licensed
  - Gained 1 member, lost 5 student members
- **National/Regional & Other Issues**
  - 2016 Professional Engineers Conference – Dallas, Texas - June 22-26
    - Should be attended by incoming delegate
      - Carl motions for Jay to assume delegate position for NH for 2 year term (maximum of 2 terms)
      - Chuck seconds
      - All approved
    - President and delegate should attend
    - Carl and Jay
  - 2019 Regional Meeting hosted by NH – establish subcommittee
    - Search to begin by the end of the board's tenure
  - No other national news
  - Young engineer meeting working with Order of the Engineer to better each organization