

**American Public Transportation Association
Business Member Workforce Development Committee
Wednesday, January 25, 2017 – 9am
Sea Salon, Opal Sands Resort – Clearwater, FL**

Agenda

1. Introductions ***Michael Loehr***
2. Safety briefing
3. Approval of minutes of the September meeting **Attachment 1**
4. Leadership Changes
 - Vice Chair of the WDC – William Thompson
 - Chair of the pREES subcommittee - Mark F. Magaldi
 - Secretary Nominations
5. Youth Summit Report
6. pREES Report **Attachment 2**
7. New Business
8. pREES program development discussion
9. Adjourn

2017 Business Member Board of Governors Meetings:

- Legislative Conference, Sunday, March 12, Washington, DC
- Bus & Paratransit Conference, Sunday, May 7, Reno, NV
- APTA Annual Conference & EXPO, Sunday, October 8, Atlanta, GA

All business members are invited to attend and participate in BMBG meetings.

Business Member Workforce Development Committee

September 10, 2016

Minutes

The meeting was called to order by Michael Loehr. A safety briefing was provided.

Present at the meeting were Lydia C. Grose, Fran Hooper, Mark Magaldi, Kevin Sudano, William Thomsen, Jim Srygley, Terrel Smith, Joe Niegoski, Brandon Roccio, Taiwo Jaiyeoba, Fred Rush, Adelee Le Grand, and Lindsey Robertson.

The minutes from the March meeting and June conference call were approved.

Michael Loehr asked Adelee Le Grand, vice chair of the Workforce Development Subcommittee to report on the Youth Summit. The Youth Summit is bi-annual, and there was not one in 2016. The recap video for the 2015 Youth Summit is still available on the APTA website. The 2017 Youth Summit will take place June 19-23 in Washington, DC. The goal of the summit is to provide forum and educate highly-interested and qualified high school juniors and seniors from across the nation to opportunities within the transit industry. The progress of their education will be tracked, post summit. The 2015 program was quite successful and the students were sharp and very engaged. The summit will take place at the APTA Conference Center and students will be tentatively housed at The George Washington University. The curricula will be rethought and reengineered from 2015. The program will include three days of intense STEM opportunities and training. The Youth Summit Advisory Group will convene soon after the 2016 Annual Meeting to discuss ideas and refine details for the summit.

Michael Loehr addressed the lack of funding for the Youth Summit in the Business Member Activity Fund. In years past, the cost of the Youth Summit was split between two budget cycles, much to the chagrin of the responsible parties of the activity fund. The summit will be budgeted for, in full, every other year. It was confirmed that the funding is available for the summit.

Joe Niegoski offered a success story of a student that attended the 2015 Youth Summit, and toured STM in Montreal during vacation, as well as the East Japan Railway in Tokyo. Based on his experience, he has committed to the transit industry going into college. Joe Niegoski recognized the committee for offering students the opportunity to learn more about the industry. Taiwo Jaiyoba inquired about the selection process for the Youth Summit participants. Joe Niegoski confirmed that a group reviews applications, selecting 25 young men and 25 young women. The application process will begin late winter/early spring. Announcement of application should take place after the New Year.

Michael Loehr gave a report on pREES. He recapped the back story of the Business Member Workforce Development Committee. The activity fund allocated money to workforce development and saw few results. Michael Loehr was selected to chair this committee and was given a budget and window in which to complete the goals set forth by the BMBG, as it pertains to workforce development. As opposed to building a program from scratch, the committee took existing AREMA curricula and molded it to educate on transit. This was necessary, as the curricula was originally designed to educate on freight rail. In 2015, SEPTA hosted the first pREES and offered tours of their facilities. Scored 4.7 out of 5 on surveys conducted

at the conclusion. As a result of the program, Drexel University started a new course in the Fall of 2015. City College of New York started a second track in their planning program. Rutgers University started a new program as well. APTA is aligned with AREMA to evolve the program, and understands the importance of maintaining the same high-quality content. The committee would like to expand education tracks to technical direction. Mark Magaldi asked how many schools offer transit management programs. Fran Hooper confirmed that while transit policy education is abundant, rail engineering programs are few and far between.

Michael Loehr asked if there was any new business for the committee. Jim Srygley as invited to give a lecture to young, aspiring engineers. His company, S&A Systems, is sponsoring a new program to raise transit industry awareness. He will keep the committee updated on progress. Fran Hooper highlighted a professor who saw the importance of working with transit entities to educate prospects. Taiwo Jaiyoba reported on the mayor of Grand Rapids that invited 50 high school kids to shadow potential employers for 6 weeks during the summer several years ago.

Fred Rush stressed the importance of committing to young people and offering education opportunities to students who might not find the transit industry as glorious as sports and entertainment. Joe Niegowski commented that a local LA college featured a video that showed students developing a monorail program.

Michael Loehr adjourned the meeting and moved into the pREES working session.

pREES 2017 – Schedule Grid for Discussion

	Day 1	Day 2		Day 3
	REES I New Attendees	REES II All Attendees		User Conference All Attendees
		Track 1 – Civil/Systems	Track 2 – Vehicles/Operations	
7:45	Registration	Registration	Safety Briefing	Registration
8:00	Safety Briefing,			Safety Briefing
8:05	Introductions / Welcome			Introductions
8:30	REES/pREES: Past, Present and Future	Commuter, LRT, HSR Alignment Tutorial	Locomotive/Vehicle Tutorial	Starting a Program
9:15	Railroad Operations / Modal Characteristics		Vehicle Systems	Growing a Program
10:00	Break	Break		Break
10:30	Organizational Structures	Advanced Signals / PTC Tutorial Tutorial	Train Performance/ Simulation Tutorial	National Syllabus for Associates, Bachelors, and Advanced Degrees
11:15	Systems Design Approach	Electric Traction Tutorial	Capacity Tutorial	
Noon	Lunch	Lunch		Lunch
12:45	Yards and Facilities	Tour	Tour	Outreach – Steam, women / Minority / Disadvantaged Groups
1:30	Basic Signals			Break
2:15	Break			Case studies
2:45	Interactive Class Room Demonstrations & Discussion			
4:15	Wrap-up	Wrap-up		Wrap-up
5:00	Adjourn	Adjourn		Adjourn
Evening	Dinner & Speaker	Dinner & Speaker		