2015 Innovation Challenge Event Program

Fariborz Maseeh College of Engineering and Computer Science

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JUDGING PANEL

Michael Armstrong, Policy, Research and Innovation Manager for the City of Portland Bureau of Planning and Sustainability. Michael coordinated the public processes that led to Portland and Multnomah County’s 2001 Local Action Plan on Global Warming and 2009 Climate Action. Other responsibilities include improving energy efficiency, renewable energy, waste prevention and recycling, sustainable food systems, green building, historic resources, and asset management for our community.

Shu-ling Garver, recently retired as a senior engineer at Intel Corporation after over 25 years of service. During her tenure she also served as a technical assistant to Intel Senior Fellow, Intel Fellow, VPs and Chief Technology Officers. She is devoted to helping the next generation to generate more engineers and currently serves as franchise owner and director of Engineering For Kids in the Portland Metro.

Matt Jones, is the Head of Future Infotainment at Jaguar Land Rover, a Board Member of the Linux Foundation, and served for many years as the Vice President of the GENIVI Alliance. Matt began his career in professional audio and aerospace, before joining the automotive sector with Jaguar Land Rover in 2002.

Michelle Rowley, is a Senior Software Engineer at MobilePaks, and founder of the nonprofit Code Scouts (now a program of ChickTech). In 2014, Entrepreneur magazine recognized Michelle as one of the 7 Most Powerful Women to Watch, and in 2013 she was chosen by Fast Company as one of the 100 Most Creative People in Business. In her free time, Michelle likes to travel, practice yoga, and read nonfiction.

John Thompson, has more than 35 years of experience in architecture, planning and urban design. As a ZGF design principal, he has led large teams on many of the firm’s most technically complex projects. If you have walked the suspended curved bridges under the glass canopy at PDX or been to OMSI, the Convention Center or the Maseeh College of Engineering and Computer Science, you have experienced some of his work.

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EVENT SCHEDULE

8:45 – 9:15 Registration
Team posters on display in Engineering Building Atrium

9:30 Welcome
Dean Renjeng Su, Maseeh College of Engineering and Computer Science

9:35 Judging Criteria and Voting Procedure Overview
Tim Anderson, Chair, Engineering and Technology Management

9:45 – 11:45 Team Presentations (10 minutes + Brief Q&A)
- MLC: Osmosis Alive – Algae Water Filtration System
- De La Salle: Optimizing Efficiency of Street Lights
- Grant: Smarter Cycling
- Jefferson: Cleaner Drain

11:45 – 12:30 Lunch
Engineering Building Atrium

12:30 – 2:30 Team Presentations (10 minutes + Brief Q&A)
- Madison: Container Houses
- Lincoln: véLo-CK
- Wilson: F.I.S.H. (Finding Information about Safety and Health)
- Franklin: Cleaning Up the Cities of Tomorrow

2:30 – 2:45 Break

2:50 – 3:00 Next Year’s Theme - Suggestions
Tim Anderson, Chair, Engineering and Technology Management

3:15 Awards Ceremony

THE TEAMS

De La Salle North
Peter Ataras · Olivia Carter · Sharece Miller · Jesus Montes
Dylan Penston · Graciela Quinto · Elias Taylor
Mentors: Becca Brien, Alex Hupfeld

Franklin
Miguel Campos · Jack Chen · Alex Gaiovych · Fernando Lauer
Kaleb Swoverland · Anna Velikorostnikh · Jason Yu
Mentors: Branden Driver, Walt Woods

Grant
Cory Koehler · Aubrey Masten · Konon Phillips · Richard Smith
Sarah St. Clair · Alex Taylor
Mentors: Barbara Acevedo, Ke’Liilah Vara

Jefferson
Macy Chadney · Jeremy Ferrando · Masson Klepp · Rebekah Lkestoskat
Daniel Ortiz-Rojo · Jonah Paiwarinta
Mentors: Justin Ramirez, Brad Scardino

Lincoln
Anna Blakely · Jonathan Cordisco · Jonathan Huang · Justin Huang
Emma Perlman · Ruhika Prasad · Siddarth Suri · Will Swindell
Mentors: Anthony Levenda, Soheil Zarrin

Madison
Tran Joseph · Anissa Rosbaugh · Sydne Scott · Hanan Yassin
Mentors: Michael Goins, Jeremiab Swanson

Metropolitan Learning Center (MLC)
Jonathan Baird · Liam Beckett · Adrik Gurganus · Tucker Johnson
Htet Htet Soe · Parker Swensen · Nick Vautravers
Mentors: Susan Eslami, Anne Ng

Wilson
Harriet Adkins · Sasha Leamy · Ben Makuch · Himanshu Nagpal
Elle Sandifer · Edward Szczepanski · Connor Walker
Mentors: Ryan Catabay, Peter Schufit