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## Faculty Accolades - February

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This month's Accolades include Ali Dolatabadi, Javad Dargahi, Ted Stathopoulos, and students Elias Bou Harb and Mehdi Sabzalian. For the first time, we're also featuring notable Accolades from our alumni. If you have any Accolades to send our way, please email us at [encsmail@concordia.ca](mailto:encsmail@concordia.ca).

**Elias Bou Harb**, who is doing a PhD thesis on fingerprinting probing activities, supervised by Mourad Debbabi and Chadi Assi in the **Concordia Institute of Information Systems Engineering** and has been awarded an NSERC Postdoctoral Fellowship. This is a very competitive and prestigious competition with usually only about 10 scholarships granted annually nationwide. Through his research, Elias is implementing and evaluating next generation efficient big data analytics and correlation engines for the acquisition, storing and processing of such raw real-time cyber security data, tailoring the generated threat intelligence towards the Canadian critical infrastructure, and providing a front-end service where various entities, corporations and researchers can benefit from real time cyber intelligence information.

**Ali Dolatabadi**, a professor in the **Department of Mechanical and Industrial Engineering**, has been named president of the Canadian Society for Mechanical Engineering (CSME). He was previously senior vice president. Dolatabadi is the holder of a patent on "High efficiency nozzle for thermal spray of high quality, low oxide content coatings". His patented nozzle considerably expands the capabilities of HVOF process and widens its applications. He is the founder and co-director of Multiphase Flow and Thermal spray Laboratories, and was recently was awarded membership in the Provost's Circle of Distinction for accomplishments in research, teaching and service to the society.

**Javad Dargahi**, a professor in the **Department of Mechanical and Industrial Engineering**, has been the subject of a Concordia press release for his NSERC-funded project developing simulation software that can be used in the oil and gas industry. With his colleagues, Dargahi is working to develop a simulation software that will help designers test drilling equipment before subjecting it to the rigours of the field. The application of this research is to the increasingly common practice of directional drilling (as opposed to conventional vertical drilling), when the wellhead and the well are separated often by several kilometres. [Read more.](#)

The laboratory and research of **Ted Stathopoulos** from the **Department of Building, Civil and Environmental Engineering** has been featured in La Presse in an extensive article about innovative partnerships between universities and industry. La Presse reports on the Wind Tunnel laboratory, where the effects of wind on buildings can be examined.

**Mehdi Sabzalian**, a student from Space Concordia and studying in the **Department of Mechanical and Industrial Engineering** has just been chosen to participate in the prestigious CalTech Space Challenge in Pasadena, California. This is the second Concordia student to participate, the first being Nick Sweet two years ago, who was also the time the only Canadian in the competition. The CalTech Space Challenge takes place March 22 to 28.

# Alumni

**Mouhamed Abdulla**, who has earned three degrees from the Faculty, B'Eng in 2003, M'Eng in 2006 and a PhD in electrical engineering in 2012, has been awarded the Marie-Curie Fellowship from the European Commission, which is Europe's most competitive and prestigious award aimed at fostering groundbreaking research and international collaboration. Abdulla will be pursuing this fully funded two year research program at Chalmers University of Technology in Gothenburg, Sweden starting in the Fall-2015. He is currently an NSERC Postdoctoral Research Fellow at the University of Québec - LASSENA Research Lab.

## Alumni Appointments

**Pierre Kahhale** (BEng 81) was appointed Vice President, Field Operations at AltioStar Networks; also named to the Board of Directors at Zettics

**Dwight Mamanteo** (BEng 93) was appointed Portfolio Manager at Wynnefield Capital Inc; named non-executive Chairman of the Board at GlyEco Inc.