

A team of EMU faculty and student of Polymers and Coatings won a prestigious University Emerging Technology Award at the RadTech 2018 conference held in Chicago early this month. Forough Zareanshahraki, a PhD Fellow and her adviser Prof. Vijay Mannari were recognized at the award dinner for their innovative concepts and technology in developing “Green” nail gels. These "green" nail gels, supplied in VOC-free solvents or in water, contain greater than 50% bio-renewable content and have been designed to cure by low-energy consuming and safe UV-LED light, making them especially sustainable products.

“Besides innovative and environmentally responsible, the design and nail gel technology presented by EMU team has potential for expanding applications of UV-cure materials into personal care space. This award puts EMU along with the companies like Carbon 3D, Ford Motor Co, and Proctor & Gamble, the past recipients of this award” said Gary Cohen, executive director of RadTech International. RadTech International North America is the non-profit organization dedicated to the advancement of ultraviolet and electron beam technologies.

“Working at the forefront of the technological advancement with Prof. Mannari and his team at Coatings Research Institute is very stimulating and satisfying” said Forough Zareanshahraki, whose paper was also awarded as the *best student paper* at the conference.

EMU’s Polymers and Coatings graduate program is among a very few of its kind in the nation and enjoys very high reputation for its leadership in advanced research and providing outstanding trained workforce to the polymers and coating industries.

