

2008 MJ Collins Award Winner Announced

(Matthews, North Carolina) September 2, 2008 - CEM Corporation, a leading global provider of microwave laboratory instrumentation, is pleased to announce that the winner of the **2008 MJ Collins Award** is Shainaz Moula Landge, a graduate student at the University of Massachusetts-Boston. The award recognizes outstanding research by a student in the field of microwave chemistry and is open to undergraduate, graduate, doctoral and post-doctoral students attending academic institutions in the United States. Landge and her sponsor, Professor Bela Torok, PhD, received the \$10,000 cash prize at an award ceremony August 19th at the fall meeting of the American Chemical Society in Philadelphia, PA. The funds will be shared equally between the two recipients.

“The object of this award is to highlight the excellent research that is being conducted by students using microwave chemistry methods,” said Michael J. Collins, PhD, president and CEO of CEM Corporation. “We are especially pleased this year to recognize some very innovative research being done in two important emerging areas, low-temperature chemistry and flow chemistry.”

Ms. Landge’s research highlights include the enantioselective organocatalytic synthesis of organofluorine compounds by microwave energy at sub-ambient temperatures (-25 °C) and developing a flow system for the microwave production of highly volatile trifluoroacetaldehyde gas. In a letter nominating her for the MJ Collins Award, Dr. Torok emphasized Ms. Landge’s contributions to the group’s research and her development of a microwave method that “produced excellent diastereo- and enantioselectivities with reasonable reaction rates” saying, “She has made an excellent contribution to our research program...I envision her as a future leader in the organic synthetic applications of microwave technology.”

Dr. Grace Vanier, MJ Collins Award Committee Chair, introduced all of the finalists at the award reception and described their research commenting, “We are extremely impressed with the talent and innovation shown by all of the finalists for the 2008 MJ Collins Award and we look forward to the contributions they will undoubtedly make to scientific research in the future.”

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About the Award: The MJ Collins Award is named after Michael J. Collins, PhD, founder, CEO and president of CEM Corporation. As one of the original innovators to apply microwave energy to drive chemical processes, Dr. Collins has actively promoted its use in a wide array of applications ranging from organic chemistry to compositional testing and continues to encourage the development of new applications for the technology. Dr. Collins is a strong supporter of educational initiatives for the sciences and instituted the *MJ Collins Award for Outstanding Young Innovator in Microwave*



Chemistry in order to encourage students in their pursuit of careers in science. For more information on the MJ Collins Award, please visit www.cem.com/support/award.asp.

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CEM Corporation, a private company based in Matthews, North Carolina, is a leading provider of microwave laboratory instrumentation. The Company has subsidiaries in the United Kingdom, Germany, Italy and France, as well as a global network of distributors. CEM designs and manufactures systems for bioscience applications, life sciences, analytical laboratories and processing plants worldwide. The Company's products are used in many industries including pharmaceutical, biotech, chemical and food processing, as well as academic research.

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