

Zareen Khan Wins 2017 Harvey W. Wiley Scholarship



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Zareen Khan, winner of the 2017 Harvey W. Wiley Scholarship, is pursuing her PhD in biochemistry under Shamim Shaikh at the Bharati Vidyapeeth Deemed University, Pune, India, in collaboration with the National Referral Laboratory (NRL), Indian Council of Agricultural Research-National Research Centre for Grapes. Her doctoral research focuses on understanding the metabolic profiling of grape pomace and its processed products to evaluate and utilize its nutritional and nutraceutical potential. More precisely, she is interested in identifying and characterizing phytochemicals in grape pomace, using high-resolution (HR) LC-MS techniques (QToF and Orbitrap). Earlier, she earned her Master of Science and Bachelor of Science in biotechnol-

ogy from the University of Pune, India.

Khan's other accomplishments include the development of target and nontarget LC-MS- and GC-MS-based screening and quantification methods for pesticides in complex food matrices. Her research papers have appeared in peer-reviewed journals, including the *Journal of Chromatography A* and *Environmental Monitoring and Assessment*.

Khan is an accredited lecturer and has qualified for the National Eligibility Test organized by Agricultural Scientists Recruitment Board, Government of India, for teaching agricultural biotechnology in Indian universities. She has actively participated in numerous training courses, including the European Union-sponsored schools for advanced residue analysis. In addition, she is a certified internal auditor for ISO/IEC 17025:2005-based laboratory accreditation, and has also acted as an instructor on several occasions in NRL training courses on residue analysis.

In recognition of academic excellence, Khan was awarded the Lila Poonawalla Foundation's postgraduate merit scholarship in 2011. In addition, she won two best poster awards by the Royal Society of Chemistry (UK) at the 3rd and 4th annual conferences of the AOAC India Section held in Pune (2015) and New Delhi (2016), respectively.

In 2016, Khan delivered a webinar on GC-MS/MS-based multiresidue determination of pesticides in difficult matrices, which was organized by LCGC.

In the future, she aspires to contribute in the fields of food safety and nutritional analysis and hopes that analytical science as a discipline should further grow in her country for the betterment of humankind.

The Harvey W. Wiley Scholarship (US\$1000) is awarded to an upper-level undergraduate or graduate student to encourage and assist studies in the analytical sciences. A college chosen by the current year's Harvey W. Wiley Award recipient makes the scholarship selection based on criteria established by AOAC. ■

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For more information, contact **May Jones**, program manager, Association Activities, at mjones@aoac.org or Tel: +1-301-924-7077 ext. 114. ■