

Editorial

Chemistry the Leading Science

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Chemistry continues to be the leading science in almost all branches of science and technology. In some areas the role of chemistry is visible, and in other areas it is not so visible. For example in health care, thanks to chemistry, newer and effective pharmaceuticals are synthesized continually paving the way for breakthrough medical treatments. In health care the role of chemistry is overt. In the area of information technology, the quest for smaller size and faster computing power is driven by research and development of materials with semiconducting properties. Chemistry is one of the driving forces behind the ongoing revolution in mechatronics producing technologies for driverless cars and the delivery drones of tomorrow. Without developments in the chemical sciences about the knowledge of how different materials interact with electromagnetic waves, paving the way for high quality materials suitable for optoelectronics and sensing materials, the driverless technology might not have evolved to the level it is now. In mechatronics the role of chemistry is covert. Thus visible or invisible, chemistry is leading science and technology revolution in almost all areas of life.

In this issue of *The Chemist*, Paul Craig and co-authors discuss how to promote hypothesis-driven thinking in undergraduate biochemistry education using protein function prediction. V. Subha and co-authors report green synthesis of copper nanoparticles using *Odina woider* Gum extract and their effect on photo catalytic dye degradation. A retrospective evaluation of the principles, policies, and practices in establishing a post-secondary chemistry department is the focus of the article by John Hill and co-author. Tata Murthy discusses the role of chemistry in oil and gas extraction. And finally, under the public understanding of chemistry section, David Manuta and co-author present a report of false-positive drug test for methamphetamine.

This year *The Chemist* has entered into an agreement to be indexed by EBSCO, the leading research database provider. This is a remarkable milestone in the development of the journal in its current online refereed format since its recent revival in 2012. I would like to acknowledge the members of the Editorial Review Board for their invaluable support reviewing manuscripts for *The Chemist* and enabling to maintain the quality of the journal. The role of the editorial assistants cannot be underestimated either. The journal is attracting manuscripts from around the world and I strongly encourage readers to consider submitting manuscripts for publication in *The Chemist*.