

Oklahoma School of Science and Mathematics

Immediate Release

For More Information Contact:
Liz Heigle Director of Public Information
405.522.7806, liz.heigle@ossm.edu

OKLAHOMA CITY – May 3, 2018 – George Wang, a senior attending the Oklahoma School of Science and Mathematics (OSSM) in Oklahoma City, recently made an unprecedented discovery about carbon atoms.

George’s findings came after his chemistry professor challenged the class. Carbon’s standard four bonds have been taught in chemistry class for years, but recently a paper was published in 2016 challenging that carbon can actually have six bonds. OSSM Chemistry Professor, Dr. AK Fazlur Rahman, asked his students if carbon could bond with more than six.

George Wang took that challenge and recently proved that carbon could actually make seven bonds. His paper was recently published in a peer-reviewed international chemistry journal. Wang and Rahman worked with University of Oklahoma chemist Bin Wang, to show that it’s possible for carbon to form an impossible seven bonds.

Dr. Rahman said, “George Wang’s discovery is remarkable not only because it was made by a high school senior, but that it was made by a student in a state that consistently ranks among the lowest in education.”

George Wang is a self-motivated student attending OSSM and is headed to Stanford University in the fall. George will consider studying chemistry, math, physics and computer science.

For more information about OSSM, visit the school’s website at www.ossm.edu.

###