Nobel Laureate Sir Fraser Stoddart, D.Sc. is a Board of Trustees Professor of Chemistry and Director of the Center for the Chemistry of Integrated Systems at Northwestern University. Before moving to Northwestern in 2008, Professor Stoddart was formerly the Director of the California NanoSystems Institute and the Fred Kavli Chair of NanoSystems Sciences at the University of California, Los Angeles.

Throughout his distinguished career, Professor Stoddart has received numerous prestigious awards and honors for his discoveries and innovations. In 2016, he was awarded the Nobel Prize in Chemistry along with Ben Feringa (University of Groningen, the Netherlands) and Jean-Pierre Sauvage (University of Strasbourg, France) for the design and synthesis of molecular machines.

Professor Stoddart is a pioneer in the fields of supramolecular chemistry and molecular nanotechnology, and his work has helped open up a new field of chemistry. His research interests are in chemistry beyond the molecule, which, combined with his interest in templation, has led to the template-directed synthesis, based on molecular recognition and self-assembly processes, of a wide range of mechanically interlocked molecules, bistable variants of which have found their way in the form of switches into molecular electronic devices and drug delivery systems.

The Sunday Times in the U.K. once noted that Stoddart “is to nanotechnology what J.K. Rowling is to children’s literature.” Professor Stoddart is a native of Scotland, and he received his B.Sc., Ph.D., and D.Sc. degrees from Edinburgh University.

Nobel Laureate Sir Fraser Stoddart is serving as Champion for the 50 Forward fundraising campaign in celebration of ACS Project SEED’s 50th Anniversary. He is active in reaching out to new scientists as well as others both inside and outside the scientific community via @sirfrasersays on Twitter.