Greg Fish is a serial entrepreneur, technical expert and thought leader in the field of photonic integration with nearly 20 years of experience in building companies to commercialize Photonic Integrated Circuits (PICs), both silicon and InP based.

Greg was a cofounder and key leader at Agility Communications from 1999-2005 which was formed to commercialize tunable lasers based on PICs for telecommunications applications using technology pioneered at UCSB. This business was acquired by JDSU in late 2005 for nearly $M80, where the technology subsequently generated many hundred million dollars in revenue. While at Agility and JDSU, Greg applied innovation and leadership to bring the first generation of products to market, helped demonstrate the future potential of tunable PICs and provided the basis to launch the next generation of tunable transceivers at JDSU.

Greg continued the innovation trajectory as a early principle and CTO of Aurrion Inc. where Greg was responsible for organizing the development of leading-edge, heterogeneous silicon photonics technology that enables unprecedented capability for photonic integration. This lead to the acquisition of Aurrion by Juniper Networks where Greg continues to apply technical leadership as a Distinguished Engineer to help Juniper transform the way they deploy optical interconnects on their products using the Aurrion heterogeneous silicon photonics technology.

He began his work in this area while obtaining a BS in Electrical Engineering from the University of Wisconsin at Madison in 1994 and later a MS and PhD in Electrical Engineering from UCSB in 1999 where his research focused on optical crossbar switches on InP. He is an author/coauthor on over 80 papers in the field and has 20 patents.

Greg has performed as the Principle Investigator for several multimillion dollar government funded technology projects and at (NIST ATP, ONR, DARPA EPHI) and has been key participant for several equally large projects. (DARPA DODN, CS-WDM, DODOS)