

## Art Vaughan, HonNEC North Andover, Massachusetts

Art Vaughan has been active in photography for over 40 years. He worked for Western Electric, AT&T, Lucent Technologies, and Bell Laboratories for just over 31 years before retiring in October of 2001. Over a twenty-five year period he performed extensive work in Photomicrography for microcircuit development engineering departments at Bell Laboratories, especially in the area of new process development and microchip / microcircuit failure mode analysis.

After joining the Merrimack Valley Camera Club in 1985, he served 9 years as club president, and 16 years as print competition chairman, and has been awarded an Honorary Life Membership in the club. He's also a member of the Massachusetts Camera Naturalists, the Photographic Historical Society of New England, and the Photographic Society of America. For the last ten years he's been a Vice President of the New England Camera Club Council, where he's presently the NECCC Print Competition Director, and "live" commentator for the "Best of the NECCC" Traveling Print Program. At the 2016 NECCC annual conference held at the University of Massachusetts in Amherst he was awarded an honorary membership in that organization.

Art's photographic experience and interests include: anamorphic (Cinema-scope) photography, stereo (3-D) imaging, photomicrography, color and black & white print making, and digital restoration of antique photographs, lithographs, engravings, and etchings. He's served throughout New England as a digital image and print competition judge and lecturer. He presented his program "Pop-up Flash Macro Photography: High Quality Macro for the Poverty-Stricken Photographer" at the Photographic Society of America convention in San Antonio in September of 2016.

He's heavily involved in "pop-up" flash extreme macro photography using stacked lenses, optical components salvaged from broken or junk lenses, and a specialized home-built pop-up flash light modification bracket. He really enjoy lens "hacking", experimenting, and finding ways to "re-purpose" broken lenses and other optical components, giving them a second life as useful photographic equipment. Art confesses to being a blatant photo equipment store "window-shopper", checking out pricy gear and accessories that might be good candidates for construction of home-made "basement workshop" versions. Being retired gives him a fair amount of time to enjoy photography, but not much cash to support it, thus his drive to stay involved "on the cheap".

Years ago a friend gave Art an Iscorama Anamorphic lens with a Nikon F mount. He really liked the wider format, and after shooting a multitude of slides over the years, has begun using it with digital cameras . Recently, he has adapted the Iscorama for anamorphic macro work, and has found it works well when combined with the pop-up flash macro techniques he enjoys.

Art's favorite shooting locations are along the shores of the Bay of Fundy in Nova Scotia & New Brunswick, and the upper Brazos River watershed area of north and west Texas. Both areas are wildly different from one another, and never fail to offer endless opportunities for macro and conventional photography.