

**PERSPECTIVE ON FUTURE OF NANOFIBER DEVELOPMENT: FROM
MIMICKING SILK WORMS TOWARD MIMICKING DANDELION SEEDS**

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Almost four decades have passed since the introduction of UltraWeb electrospun nanofiber-based filters in 1981. Subsequently, we have seen that several companies have entered nanofiber filtration market with similar products. The author has been frequently asked to address what is the future direction of nanofiber development. In order to make meaningful recommendations where to invest valuable resources, the author will first look at why we, fiber technologists, practice what we do in making nanofibers. Then, the author will share his perspective on how Donaldson has successfully brought nanofiber products before nanotechnology became everyday jargon. Strengths and shortfalls of electrospun nanofibers will be looked at before the author makes his suggestions.