John McDonald Optical Physicist		PO Box 2874 Malibu, CA 90265 (310) 871-6609
Summary:	Strong in rapid product development. Natural leader. Lots of entrepreneurial experience. I solve hard problems quickly. I lead (or work well on) multi-disciplinary teams, I own my own mistakes and I am a happy person.	
Technical:	Photonic Systems Architect. Expert in infrared phenomenology, microscopy, & semiconductor test equipment. I work and lead easily across mechanics, optics and electronic disciplines. Conversant with SolidWorks and Zemax. I have year of senior management experience.	
Experience Since July 2011.	<i>Current:</i> Beckman Coulter, Half-time, Rem R&D group. Fulltime from 2011 to 2017. I new high speed, imaging blood diagnostics role expanded until, in 2016 they asked me 'mission-impossible' 4-month FDA remedia month plan, with unwieldy, dispirited staffin it was tractable in the required time frame. our quality engineer. We reorganized and w task before the deadline, within 3 months. In Jan. 2018 Beckman moved the R&D labs agreed to a half-time remote position. I am product groups in Miami. In 2019 I designe flashlamp to replace a xenon arc flashlamp	joined as the optics expert to design instrument. My optics and systems to manage the software group for a ation effort. I inherited a hopeless 1 ng on 2 coasts. I redefined the task I sold the idea to management and to yith only local staff completed the s to Miami. I declined to move but the optics expert to several R&D d and fielded a 3 color LED
	2018-2019 – I filled out my other half-time several new products. I rescued (redesigned ultraviolet product. Provided expert assistan surgical microscope. For a group in Latvia I rapid fluorescent detection and identificatio make and sell <u>Extreme Microscope Resolut</u>	and built) a failed high intensity nee with a robotic, stereo zoom-opti I designed and built a microscope for n of contaminants in dairy products
QFI 1997-2011	Co-founder QuantumFocus.com (QFI), 14 microscopes with extreme sensors to find se ultra-low noise, cryo-cooled cameras, and u wafer level to reveal circuit defects. Our in price and shipped worldwide. Tiny compar development. I presented and supported our annual 90 minute seminars on exotic micros	emiconductor defects. We fielded used direct laser stimulus at die and struments ranged to \$1M selling ny: I did design and business technology worldwide. I still give
	9 years designing thermal imagers (Hughes and FLIR). Also Lawrence Livermore on their NIF fusion laser facility. For a medical supplier, I engineered an infrared calibration for a successful mass market ear thermometer	
Highlights Before 1997	engineered an infrared calibration for a succ	cessful mass market ear thermomete

www.latigooptics.com