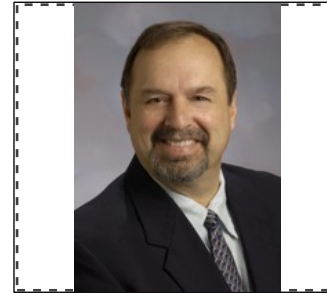




First Name: Gary Last Name: Saylor
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Email: Saylor@utk.edu Website:

Education:

PhD: Bacteriology-University of Idaho MS: BS: Bacteriology North Dakota State University

General Areas of Expertise:

Environmental Microbiology/Ecology /Environmental Biotechnology/Molecular Biology and Engineering

Short Bio:

University of Tennessee with 42 years of academic teaching, research direction and administration. Committed to interdisciplinary research, with broad collaboration in ecology, engineering, chemistry, physics, material science, soil science and toxicology. Founding director of the Center for Environmental Biotechnology, Director ships of the the Waste Management Research and Education Institute, Institute for Secure and Sustainable Environment and UT-ORNL Joint Institute for Biological Science. Executive Service: WERF Research Council, EPA Science Advisory Board; EPA Office of Research Development, Chairman Board of Scientific Councilors; Department of Energy Biological and Environmental Research Advisory Committee; Department of Defense, Science Advisory Board Strategic Environmental Research Defense Program. Co-founder of China US Joint Research Center for Ecosystem and Environmental Change. Co-founder and President of 490 BioTech. Major Awards: NIH Research Career Development Award, American Society for Microbiology Procter and Gamble Award for Applied and Environmental Microbiology,, University of Idaho Distinguished Alumni Award, Dow Chemical Foundation-Support for Public Health Environmental Research and Education (SPHERE) Prize, Science Digest top 100 Innovators in Science and Technology;finalist with Mike Simpson for Discovery Magazine top Innovator award for Bioluminescent Integrated Circuit Technology. Provided traing and direction to 100 PhD and MS students in broad areas of and Toxicology of Industrial Pollutants, Emerging Contaminants and Endocrine Disruptors; Bio-micro electronics, Bioreactor design and monitoring, Engineered Organisms for environmental release, whole cell bioluminescence sensing technology, molecular environmental diagnostics, and water quality microbiology

Five Representative Publications:

Over 400 peer reviewed publication including 5 books edited with over 500 international invited seminars and lectures,16 patents. Google h-index of 75 with 19,000 citations.

FEWSTERN Symposium 2017 Presentation Title and Abstract:

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