



GERARD HENRY (GUS) GAYNOR

Gus Gaynor, IEEE Life Fellow, brings experiences from a career that spanned the technical and management disciplines. Early career involved upper atmosphere research at the University of Michigan, followed by product development, a personal entrepreneurial venture followed by 25 years of service at 3M in major engineering and executive assignments. During seven years of residence in Europe, Gaynor served as Chief Engineer of 3M Italy and Director of Engineering for 3M Europe and on the 3M Italy Board of Directors and 3M Europe Executive Committee. After retiring from 3M, Gaynor organized G. H. Gaynor and Associates concentrating on managing engineering, technology, and innovation. He has published five books related to managing technology and innovation and over 40 papers. Gaynor had two foreign Fulbright Scholar appointments and served as Adjunct Professor at St. Thomas University and as a lecturer at the University of Minnesota graduate program on Managing Technology and Innovation.

CITATION:

Significant contributions to the fields of engineering and technology management, and transfer of such knowledge to engineering professionals.

DESCRIPTION OF ACCOMPLISHMENT(S) RELATIVE TO THE CREATION, DEVELOPMENT, OR ADVANCEMENT OF THE TECHNICAL OBJECTIVES OF THE IEEE:

It's difficult to identify one's specific contributions while serving on IEEE committees. As an engineer, Gus always dealt with fundamentals; he used those same principles as he took on major management responsibilities at 3M, and then brought them to his more than 20 years of dedicated service to the TAD, MGA, and IEEE-USA.

Gus was actively involved in IEEE publications and served nine years on PSBB and its Strategic Planning and Management Committees. This was a period of growth in publications and the introduction of Xplore; a period where the State Department restricted participation of IEEE members in certain activities, and the early days of Open Access, to what has moved to IEEE Access (Gus is a member of the IEEE Access Committee.)

The TAB/PSPB Products Services Committee (PSC) was Gus' next stop for more than three years, where he chaired the Conferences Publications Committee with excellent support from staff and its leader, reviewed processes, recommended changes, and significantly reduced the time to enter conference papers into Xplore. Gus chaired the committee to revise the PSC Charter that eliminated one sub-committee and focused on future IEEE publication products. He served for two-years on the Marketing's Ideation Committee where his contributions were duly recognized.

As the Founding Editor and EiC of *Today's Engineer* magazine Gus focused on professional development for IEEE members. The publication received many rewards for content and presentation. It was published in hard copy for three-years and morphed into the electronic version which continues.

Gus has served as President of the Engineering Management Society (EMS) and the Technology Management Council (TMC) and held other positions related to publications. His major effort was and continues to be promoting management of technology issues for the practicing engineer as an essential requirement for career development.

RELEVANT IEEE ACTIVITIES:

1997-1999: Gaynor put forth a proposal for what was to become *Today's Engineer*, focusing on professional development; raised initial funding from the IEEE Foundation, then supported by USAB (now IEEE-USA). Named Founding Editor and Editor-in-Chief of *Today's Engineer* which morphed into the current electronic version.

2000-2004: TAB Society Review Committee; Gaynor proposed a modified review form and took the first steps to a standardized review process which provided timely S/C reports.

2009-2012: 1) Raised questions about the purposes and objectives of the TAB/PSPB Products and Services Committee. As Chair of the Conference Publications Committee proposed and developed a total revision of its Charter. 2) As Chair of CPC, reviewed processes, instituted new practices that reduced the time to enter papers into Xplore to less than 50 days. 3) Drafted preliminary documents regarding standards for acceptance of conference papers in Xplore.

1996-1997: As a member of the New Products Committee began to explore the impact of the digital age on TAB and IEEE operations.

2006-2010: Six years as an elected member on PSPB and an additional three as member of the Strategic Planning Committee gave Gaynor an opportunity to raise issues that focused on the business aspects of IEEE publications. Also an opportunity to introduce the fundamentals of managing technology. Gaynor's efforts focused on strategy rather than the minutiae which often fails to address the basic question.