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## Bernard P. Wess, Jr. Profile



Bernie Wess has more than 35 years of experience in strategy, business development, healthcare, clinical medicine, regulated information systems, applied statistics, and commercial product development, insurance and clinical/bio-informatics. His expertise is focused on the development of state-of-the-art healthcare enterprises based on innovative financial and technical architectures. These businesses are based on the integration of clinical, financial and technology solutions in insurance and healthcare. His clients or partners have included several governments or agencies, Lilly, PwC, Northrop Grumman Healthcare, Wellpoint Health Networks, ACS Healthcare, EMC Life Sciences, IDG, HP, Ford Motor Company, various Blue Cross/Blue Shields, EDS Healthcare, The Procter & Gamble Company, Lotus Development Corporation, Tufts Health Plans and other life science and technology firms. He has substantial R&D expertise having participated in patent, solution, product and enterprise development for or with UOM Shock Trauma, Sperry Rand (Univac), IBM, Lotus (IBM), MIT, Tufts Health Plans, TRW and Harvard University. He has been a founder in ProtonCare, Perseid Software Inc., InfoMedtrics, Information Architects, Grand Alliance Insurance and Mentor Communications. He is a new technology judge in the Life Sciences for the CHI *Bio-IT World Conference*.

Mr. Wess did his computer science graduate work at the Johns Hopkins University Applied Physics Laboratory and has a Masters degree in Applied Statistics from the University of Maryland. He has been awarded both a CSP and CDP certifications from the Institute for the Certification of Computer Professionals.

- Holds United States patent on Life Sciences Clinical Repository design for healthcare and bioinformatics and author of the systems integration software product – The Life Sciences Universe™
- Co-Founder of the ProtonCare companies, combining innovative medical device technology with unique corporate finance, investment banking and healthcare network development solutions
- Life Sciences consultant to International Data Group, HP and EMC developing information systems architectures for storage management, compliance, integrated clinical trials, Bioinformatics and data warehouse/decision support information systems
- Author of more than 30 professional presentations, papers and publications and the series *Building High Performance Healthcare and Life Sciences Enterprises. Volume One: Strategic and Information Technology Planning*
- Consulted for TRW, Millennium Pharmaceutical's Predictive Medicine, HP, Lion bioscience, and 3<sup>rd</sup> Millennium in the development of bioinformatics products and services
- Architect of and software supplier to The Ford Motor Company for the integrated group health information system for FMC.
- Architect of one of the first integrated worker's compensation/disability information systems for The Procter & Gamble Company
- Architect of the predictive information systems technology for Grand Alliance Insurance Group, a medical malpractice reinsurance company in Hamilton, Bermuda
- Architect of the information systems for Tufts Associated Health Plans, the first network IPA in U.S.
- Database technology consultant for Lotus Development Corporation
- Pioneer in the use of data base management systems for clinical care, clinical trials and decision support for the University of Maryland, including System R (DB2), Oracle, IMS, DMS-1100
- Formed The Statistics Center of the University of Maryland in 1972 one of the first computational facilities for decision support in a major U.S. university for use by clinical, particle physics and social sciences faculty.