

Oberst's Computer Activities

The Byron Oberst Award

Re: The American Academy of Pediatrics' "Byron Oberst Award"

1. There are approximately 23 National Awards given to individuals, by the American Academy of Pediatrics, on an annual basis at the fall meeting of the Academy. The Academy has about 40,000 member Pediatricians.
2. Of these 23 Awards, 14 of them are "Named Awards".
3. My Award is the only one named after a person from Private Pediatric Practice. The remainder are named after men or women, who were outstanding in research or academic Pediatric Medicine.
4. For about 15 years, I was very active at the national level within the American Academy of Pediatrics; and, at one time, I was the Alternate District Chairman of District 6, representing 6 states and about 2500 Pediatricians.
5. In the early 1980's, I developed the plans, mechanism, and necessary foundation to establish, within the Academy, the Section on Computers and Other Technology, which has about 500 members today.
6. Because of this and other Academy Activities, "Byron Oberst Award" was established in 1989 and is given to a Pediatrician, who is selected by a special committee, for outstanding contributions in computer use in the field of Pediatric Medicine.

Books I Have Authored

1. Practical Guidance for General Pediatric and Adolescent Practice: Charles C. Thomas Publisher; January 1973; Byron B. Oberst, Author
2. Computer Applications to Private Practice - A Primer: Springer-Verlag Publisher; April 1984; Byron B. Oberst and Robert Reid, Co-Authors
3. Computer Applications to Private Practice-2nd Edition: Springer-Verlag Publisher; 1987; Byron B. Oberst and John Long, Co-Authors

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4. I wrote a Chapter: "Doctor Office Systems, Standalone and Linked" for the Textbook: Healthcare Information Management Systems, A Practical Guide; Edited by Dr Marion Ball et al; Springer-Verlag Publishers; 1990

Publications

1. I have written some 41+ Articles, which have been published in different Medical and/or Medical Computer Journals, including:
2. Computers in the Modern Medical Office: "Update", Computers in Medicine; November-December 1984; Vol 2, No.6
3. Guidelines for User Access to Computerized Medical Records; Oberst et al; Journal of Medical Systems; Vol 2, No.3; 1978
4. Medical Record Linkage - Panel Discussion; Oberst et al; Journal of Clinical Computing; Vol 13, No. 2 and 3; 1984
5. Clinical Benefits of a Life Long Medical Record; Oberst; Medical Documentation Update; The Institute for Medical Record Economics, Inc.; Vol 6, No.3; August/September 1988

Paper Presented at National Meetings

1. I have given some 85+ papers at regional and national Medical and/or Medical Computer Meetings including:
2. "Computers and Practice Analysis"; Section on Computers and Other Technologies; American Academy of Pediatrics; San Antonio; 1986
3. "The 8 Management Areas of Office Practice"; National Conference on Computers; Chicago; 1987
4. "Tutorial on the Four Areas of Health Care Delivery"; Symposium on Computer Applications Medical Care (SCAMC) Annual Meeting; Washington D.C.; 1987
5. "Clinical Benefits of a Life Long Medical Record"; Fourth Annual Meeting of the Institute on Medical Records; New York; April 1988
6. "Computers in Private Practice Management"; World Med 1988; Minneapolis; June 1988

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Honors

1. I have received a number of honors over the years for various activities including:
2. Who's Who in American Universities and Colleges; 1943 and 1944
3. Who's Who in Nebraska; 1976 and 1977
4. Who's Who in the Midwest; 1978 to 1996
5. Men of Achievement, Vol 10; England 1884
6. Who's Who of Intellectuals; England 1985
7. Who's Who in Omaha; 1986

Previous Electronic Medical Record Systems

1. Over the years, I have helped design and/or implement three (3) other Electronic Medical Record Systems.
2. The Bishop Clarkson Hospital of Omaha, a major tertiary care hospital, developed for the Medical Staff, a Medical Office Management System including an Electronic Medical Record Synopsis, which was used in my office for ten (10) years until it became obsolete.

I was part of the design team and my office was the laboratory, where it was implemented and perfected, before offering it to the rest of the Medical Staff. When Mr. Canady, the Hospital Administrator, retired, the System was discontinued by the incoming administrator, Max Francis.

3. The Pulse System, out of Boston, used my office as an alpha site for about three (3) months, while perfecting and enhancing their system. This system proved to be impractical for a high volume office. The system subsequently demised.
4. The Medical Computer Management, Inc. "AMOS" Medical Record was a very practical and useful Electronic Medical Record, which is still in use in several offices, including two (2) Orthopedic Offices and a large Multispecialty Group in Wisconsin. As the Medical Advisor, I was a contributing member of the Development and Design Team. This company was purchased in 1995 by CUSA Technologies, Inc.

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5. CUSA Technologies, Inc., as the Medical Advisor to the "eClinic" (Carepoint) Electronic Health Record System, I developed the Templates for the following Pediatric, Adolescent, and Young Adult Record Sections:
 - 5.1. Past Medical History including immunizations, hospitalizations, surgery, and related data
 - 5.2. Social History
 - 5.3. Family History
 - 5.4. Complete and detailed Physical Examination
 - 5.5. Camp, Insurance, School, and Sports Physical Exam
 - 5.6. Acute Episodic Templates for:
 - 5.6.1. Skin Rashes
 - 5.6.2. Headaches including Migraine and Cluster Headaches
 - 5.6.3. Convulsions
 - 5.6.4. Acute Central Nervous System Infections including Meningitis, Encephalitis, and Brain Abscess
 - 5.6.5. Behavior Disorders including Attention Deficit Disorder and Hyperkinesia
 - 5.6.6. Eye Problems
 - 5.6.7. Ear Problems
 - 5.6.8. Upper Respiratory Infections including Colds, Sinusitis, Pharyngitis, Strep Throat
 - 5.6.9. Lower Respiratory Infections including Tracheitis, Bronchitis, Pneumonia
 - 5.6.10. Acute Abdominal Pain
 - 5.6.11. Purpura
 - 5.6.12. Nausea, Vomiting, and Diarrhea
 - 5.6.13. Acute Urinary Tract Infections
 - 5.6.14. Others

CUSA Technologies, Inc. decided, in December 1996, not to proceed with any further development of this product. It is installed and functioning in a number of locations.