

Charles E. Potter, CPHIMS – Curriculum Vitae



28220 Indian Creek Road
Valley Center, CA 92082

Mobile: 917.415.5246

Email: charles@seapotter.com

Web: www.charlespotter.net
www.seapotter.com

Overview

Mr. Potter has 30 years experience in applied systems development, software and database architecture and IT management. In 2007, he founded Seapotter Corporation providing healthcare consulting services specializing in systems, system implementation and ARRA 2009 changes to HIPAA compliance. He served as CIO at Strang Cancer Prevention Center (2000-2007) and Associate Computer Scientist in Surgery, Weill Medical College of Cornell (1998-2007). In 1991, he founded the Strang Department of Medical Informatics and the Strang Research Computing Group, serving as Director until 2000. He was also Manager of Information Systems in the Department of Surgery, Cornell Medical College (1991 to 1997). Prior to joining Strang Cancer Prevention Center and Cornell, he worked for Memorial Sloan-Kettering Cancer Center, Rockwell International, IBM TJ Watson Research Center and The Juilliard School.

He received his undergraduate degree from Roger Williams College in 1975 and was Graduate Electronic/Computer Music Fellow at the Juilliard School 1979-80 and 1980-81. He attended graduate programs at University of California San Diego in Experimental Music 1983 and Walden University PhD program in Health Services 1994. He received a Master Certificate in Project Management from Villanova University in 2011.

While at Strang Cancer Prevention Center/Cornell University Medical College he designed systems which supported subject recruitment used in the discovery of the BRCA1 and BRCA2 genes. His Genetics Outreach System 2.0 was inducted into the Permanent Research Collection of the Smithsonian Institution in 1998 for contributions to medicine and technology. This system was also nominated by Bill Gates for a Computerworld Smithsonian Award. Other selected awards for systems development include Windows World Open in Business Intelligence Systems (winner 1996), finalist in the Uniform Open Awards in Biotechnology (1995) and finalist in Windows World Open in Healthcare (1995).

His professional memberships include: Healthcare Information and Management Systems Society (HIMSS), New York Academy of Sciences, The College of Healthcare Information Management Executives (CHIME), Microsoft Developer Network (MSDN), Institute of Electrical and Electronics Engineers.

Mr. Potter is father of three daughters with his wife of 21 years and enjoys family camping, fishing and a round of golf when time permits.

Visit www.charlespotter.net for more detailed information

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Work History

President/CIO <i>June 2007 – Current</i>	Seapotter Corporation
Chief Information Officer <i>July 2001 – June 2007</i>	Strang Cancer Prevention Center/Preventive Medicine Institute
Assoc. Computer Scientist in Surgery <i>Sept 1998 – June 2007</i>	Weill Medical College of Cornell
Director Medical Informatics <i>Sept 1991 – June 2001</i>	Strang Cancer Prevention Center /Preventive Medicine Institute
Manager Information Systems <i>Sept 1991 – Jun 2001</i>	Cornell University Medical College, Dept. of Surgery
Manager Clinical Research Computing <i>April 1989 – Aug 1991</i>	Memorial Sloan-Kettering Cancer Center, Breast Cancer Lab
Consultant, Human Engineering <i>Jan 1988 – Mar 1989</i>	Syncrovoice – Medical Instrumentation
Software/Systems Engineer <i>Feb 1986 – Dec 1987</i>	Alta Technologies-Rockwell International (U.S. Air Force) B1-B Avionics and Armaments Maintenance Trainer/Simulator
Consultant Computer Science <i>1978 – 1981</i>	IBM, T.J. Watson Research Center
Consultant Behavioral Psychology <i>1978 – 1980</i>	IBM, T.J. Watson Research Center

Selected Certifications and Professional Activities

Certified Professional in Healthcare Information and Management Systems (CPHIMS) – 2004 -2013
Certified in Project Management for IS/IT Professionals, Villanova University, 2011 - 2014
Institutional Review Board (IRB) Certified, Cornell University – Weill Medical College
Brainbench Certified HIPAA Security (Master Level Score)
Brainbench Certified HIPAA Privacy
Brainbench Certified MS SQL Administrator
Brainbench Certified Visual Studio .NET
Brainbench Certified Internet Professional (BCIP) - Web Designer
Brainbench Certified XML
Brainbench Certified FLASH MX
Brainbench Certified HTML 4.0
Brainbench Certified Web Design for Accessibility
Novell - Advanced System Manager
Novell - Netware User Support

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Memberships

Healthcare Information and Management Systems Society (HIMSS)
Project Management Institute (PMI)
New York Academy of the Sciences (NYAS)
College of Healthcare Information Management Executives (CHIME)
Microsoft Developer Network (MSDN)
Microsoft Health Care Users Group (MS-HUG)
Institute of Electrical and Electronics Engineers (IEEE)
International Webmasters Association (IWA)

Education

Bachelor of Arts, Roger Williams College, 1975
Master Certificate in Project Management, Villanova University, 2011
Composition w/Milton Babbitt, (B.M. Program) The Juilliard School, 1973-74, 1978-81.
Institute of Advance Studies, (Ph.D. Program) Walden University 1994-98.
Experimental Music Program, University of California San Diego, 1984-85
Computers in Education, (M.S. Program) National University, San Diego 1985-86

Continuing Education

CPHIMS - HIMSS 45 CEU Credits Required for Certification Renewal in 2013
PMP Certification Preparation, (PMI) 2011
ARRA 2009 - IT Stimulus Requirements, Changes to HIPAA - Reporting, Business Associates Agreements and Breach Reporting
Microsoft Healthvault SDK and DDK Application Development
Microsoft .NET Development - MCP/MCSD Certification - C# Track

Awards

1998-2010 Judge - Microsoft Healthcare Industry Innovation Awards
Microsoft Healthcare Users Group (MS-HUG)/Healthcare Information and Systems Society (HIMSS)
2003 Golden Web Award
International Association of Web Masters and Designers
2002 Golden Web Award
International Association of Web Masters and Designers
1998 Genetics Outreach System 2.0 Inducted into the Permanent Research Collection of the National Museum of American History
Smithsonian Institution
1997 Computerworld Smithsonian Laureate
Nominated by Bill Gates
1996 Winner Windows World Open Software Competition
Business Intelligence Systems Computerworld/Microsoft

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Awards Continued

1995 Finalist Windows World Open Software Competition
Healthcare Systems, Computerworld/Microsoft

1995 Finalist, Uniforum Open Software Competition
Healthcare and Bio-Technology, InfoWeek

1983 Grants in Composition,
National Endowment Arts

1979-80, 1980-81 Electronic/Computer Music Fellow
The Juilliard School

1978, 1979 Meet The Composer Grants
National Endowment Arts

1978 American Music Center Performance Grant
American Music Center (MB Rockefeller & NEA)

Publications

1. Osborne, MP, Yu, Q, **Potter, C**, Cody, HC, Wong, GYC 2011 Bone Marrow Micrometastases in Patients with Early Stage Breast Cancer Predicts either Shorter Term Relapse or Longer Term Survival: Ten Year Results
CTRC-AACR San Antonio Breast Cancer Symposium Proceedings 2011 (In press)
2. Carter BJ, Birnbaum AS, Hark L, Vickery B, **Potter C**, Osborne MP 2005 Using media messaging to promote healthy eating and physical activity among urban youth.
Journal of Nutrition Education and Behavior;37(2): 98-99.
3. **Potter Charles E**, James G. Beldock, 1997, Genetic object class networks (GOCN): Transformational modeling of breast cancer risk and family history data.
Annals of New York Academy of Sciences; 833: 164-168
4. James G. Beldock, **Potter Charles E**, 1997, Physician and counselor tailored hybrid computer interfaces for cancer genetics risk analysis software.
Annals of New York Academy of Sciences; 833: 154-163
5. Singhal Hemant, **Potter Charles E**, Osborne Michael P., 1997, No effect of timing of biopsy in the menstrual cycle on incidence of bone marrow micrometastasis in patients with breast cancer.
Annals of Surgical Oncology; 4:503-504
6. **Potter Charles E**, James G. Beldock, 1996, Model scope, analysis reconciliation and report flexibility limitations of the Strang Breast Cancer Risk Evaluator.
Proceedings Strang International Cancer Prevention Conference, Rockefeller University New York
7. **Potter CE**, Beldock JG, Rosenthal G, Osborne MP. 1995, A clinical friendly computer program for calculating breast cancer risk using the gail and claus models.
Annals of the New York Academy of Sciences; 768:301

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8. **Potter CE**, Beldock JG. 1995 Object class networks for interface-independent calculation with gail and claus models. *Annals of New York Academy of Sciences*; 768:308-311.
9. **Potter CE**, Wu V, Woo D, Wong G. 1995, Strang national high risk registry (NHRR) database: systems and data normalization for long-term data management. *Proceedings of Society of Clinical Trials*; 3:120
10. Singhal H, Cote RJ, **Potter C**, Osborne MP. 1994, Bone marrow micrometastases (BMM) in breast cancer: relationship to local-regional disease status. *Proceedings of American Society of Clinical Oncology*;13:215
11. Singhal H, Tiwari R, Hoda S, Li G, **Potter C**, Osborne MP. 1994 Association of bone marrow micrometastases, an early marker of relapse, with mutant p53 overexpression. *Proceedings Surgical Oncology and Associated Immunology*; 75-76
12. **Potter CE**, Beldock JG, Osborne MP, Rosenthal G. 1994 A computer program evaluates the risk of breast cancer for use by genetic counselors. *Proceedings American Society for Human Genetics Conference*
13. Osborne MP, Cote RJ, Wong GY, Gonzalez A, **Potter C**, Vlamis V, Rosen PP. 1993, Bone marrow micronmetastases (BMM) in breast cancer: The effect of systemic tumor cell (TC) burden on early relapse. *Proceedings of the American Society of Clinical Oncology*;12:102
14. Osborne MP, **Potter CE**, Borgen PI, Wong GY, Lubin MB, Miller DG. 1992 Surveillance programs for women at increased risk of breast cancer due to a family history in first degree relatives. *Proceedings of the American Society of Clinical Oncology*;11:147
15. Osborne MP, Cote RJ, Wong GY, **Potter CE**, Gonzalez A, Rosen PP. 1992, Immunofluorescent monoclonal antibody (MAB) detection of breast cancer bone marrow micrometastases (BMM) in patients with unilateral invasive breast cancer: distribution by TNM stage. *Breast Cancer Research and Treatment*; 23:136
16. Osborne MP, **Potter CE**, Borgen PI, Wong GY, Lubin MB, Miller DG. 1992, Surveillance programs for women at increased risk of breast cancer due to family history in first degree relatives. *Proceedings of the American Association for Cancer Research*; 11:147
17. McKinnon WMP, Borgen PI, Hoffman B, **Potter C**, Wong GY, Kinne DW, Osborne MP. 1992, Current management of male breast cancer: A review of 108 cases. *Annals of Surgery*; 215:451-459
18. Glicksman CA, Chaglassian TA, Kinne DW, Moore MP, Reichman BS, **Potter CE**, Osborne MP. 1991, Immediate reconstruction with tissue expansion and concurrent systemic adjuvant chemotherapy. *Proceedings American Society for Plastic and Reconstructive Surgery Conference*.

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19. Osborne MP, Wong GY, Cote RJ, Liu J, **Potter C**, Killackey D, Old LJ, Rosen PP. 1991, Breast cancer micrometastases in bone marrow: detection by fluorescein-labelled monoclonal antibodies predicts early relapse. Proceedings of the American Society of Clinical Oncology; 10:45
20. Osborne MP, Cote RJ, Asina S, Wong GY, **Potter C**, Killackey D, Rosen PP. 1990, Immunofluorescent monoclonal antibody detection of bone marrow micrometastases in patients with unilateral stages I-III invasive breast cancer. Breast Cancer Research and Treatment; 16:194
21. Teaney DT, **Potter CE**, Gates L, Reed W, Reynolds E, Brown O. 1980, The well displayed electroglottograph-laryngeal mechanics in real-time. Journal of the Acoustical Society of America; Suppl 1, April.
22. Teaney DT, **Potter CE**, Gates L, Reed W, Reynolds E, Brown O. 1980, The laryngograph in singing I: general methods. Journal of the Acoustical Society of America; Suppl 1, April.
23. Teaney DT, **Potter CE**, Gates L, Reed W, Reynolds E, Brown O. 1980, The laryngograph in singing II: the "ring" in the professional voice. Journal of the Acoustical Society of America; Suppl 1, April.
24. **Potter CE**. 1980 , Sonic transliteration applied to descriptive music notation. Proceedings International. Computer Music Conference; 245
- 25 **Potter CE**, Teaney DT. 1979 The real-time power spectrum in instrument and voice teaching. Journal of the Acoustical Society of America; Suppl 1, Fall
26. Cogan R, **Potter CE**, Teaney DT. 1979 The soundscore in composition and analysis. Journal of the Acoustical Society of America; Suppl 1, Fall