Forrest Craig Schweitzer

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CORE COMPETENCIES:

- Managing and marketing a high volume telemedicine practice with clinical neurophysiology applications (orthopedic, cardiothoracic, and neurological surgeries)
    - Providing remote technical support to neurologists and technologists
    - Supervising 15+ employees in medical billing for neurophysiology
    - Developing/implementing a nationwide business plan (40+ states)
    - Increasing business referrals resulting in a seven-fold increase in revenue within 3 years
- Research in cognitive neuroscience with applications in aerospace medicine
- Medical chart review, diagnostic data analysis, preparation of preliminary summaries
- Implementing remote support applications and developing databases to automate and enhance business in telemedicine
- Facilitating credentialing and state licensing for supervising neurologists that provide national telemedicine services
- Networking and recruiting nationwide neurologists, physiatrists, and audiologists
- Providing testing services for medical-legal cases involving neck and head injury
- Career positions held over last 25 years:
    - Regional Sales Manager, Medical Practice Administrator, Executive Director, Research Assistant, Clinical Instructor, Clinical Neurophysiology Technologist, and Certified Neurophysiologic Intraoperative Monitorist

WORK HISTORY:

February 2010 to December 2010
NeuroLive LLC
Position: Director of Professional Services
Duties: Designed and implemented a web site and secure system for remote supervision of high-risk surgical cases performed in over 25 states. This involved integrating a Citrix remote support application into the web site with an improved average uptime for connectivity from 75% to 99%. Since billing units are linked to actual remote supervision hours, this resulted in an increase of revenue. Recruited neurologists to perform professional supervision. Marketed these professional services to companies and facilities that perform intra-operative monitoring.

February 2009 to September 2009
Synaptic Resources
Position: Executive Web Director and Designer
Duties: Designed a web based system for secure data management, live web-conferencing applications, and remote neurology supervision during high-risk surgeries performed in Texas, Oklahoma, Mississippi, and Florida. This involved integration of Citrix remote support applications. Designed a secure database system that helped to transition a paper based testing company and group medical practice to a predominantly digital system. Using these applications increased both the timeliness of physician interpretation turn around and the billing cycle. Facilitated the delivery of telemedicine services (live physician supervision and post-hoc interpretations) by providing technical support for multiple neurologists.

May 2005 to February 2009
Interpreting Physicians Network
Position: Practice Administrator
Duties: Managed/marketed a high-volume telemedicine practice that was dedicated to analytical and interpretive services for clinical neurophysiology. Facilitated remote physician supervision using Citrix and iLinc applications. I also designed secure databases for: data analyses, and interpretations for hospitals, physicians, and private testing companies in various settings (clinical and surgical) across 46 states in the USA. Implementing these systems helped to increase practice referrals from a monthly average of 300 to 2,000 tests within a 3 year time span representing a seven-fold increase in revenues. Served as liaison between neurologists and testing companies. Assisted neurophysiologist in reviewing medical records, analyzed diagnostic data, and prepared preliminary test reports.

March 2003 to May 2005
Consulted in the development and marketing of various private businesses for surgical neuromonitoring, assessment of brain function, database design, clinical informatics, telemedicine applications, and medical billing issues related to neurophysiology. Performed: (1) intraoperative neurophysiology for surgeons throughout Texas, Louisiana, and Maryland; (2) routine clinical EEGs for neurologists and psychiatrist; (3) digital EEG analyses for forensic brain function assessments in legal cases; and (4) live on-line technical support, consultations and training. Additionally, I gained extensive specialized training in monitoring motor pathway function of the spinal cord during surgical repair of aortic aneurysms.

July 2000 to March 2003
NeuroSentinel, Inc.
Position: Clinical Director
Duties: Founded and directed a successful intraoperative neuromonitoring (primarily for orthopedic spine surgery) and sleep management service in Houston, Texas. Trained technologists, designed protocols, set up sleep labs, and marketed services.

November 1999 to July 2000
Axon Systems, Inc.
Position: Regional Sales Manager for South Central USA
Duties: Marketed neuromonitoring systems and supplies for use in operating rooms and intensive care units, installed new systems, trained personnel, and provided technical support across a large 8 state territory in the south central region of the USA.

February 1999 to November 1999
Houston Neuromonitoring
Position: Intraoperative Monitoring Technologist
Duties: Performed EEG, BAER, SSEP, EMG, pedicle stimulation, and cranial nerve monitoring with direct stimulation during spine, cardiothoracic, and neurological surgeries.

July 1997 to December 1998
SleepDynamics Corporation
Position: Clinical Manager
Duties: Performed sleep monitoring, scoring, lecturing and sales/marketing of services.

September 1995 to July 1997
Neurotechnology Consultant: Performed EEG, Sleep, VEP, ERG, EOG, and ENG for academic institutions, hospitals, group and private practices on a contractual basis.

May 1987 to September 1995
University of Texas - Houston Health Science Center
Position: Research Assistant II / Unit Manager
Worked in research neuroscience (baboons, monkeys, dogs and rodents) and clinical neurophysiology (adults, children and infants) concurrently in the following academic institutions and departments:

- 7/89 to 9/95, Medical School Department of Ophthalmology and Visual Science (at the Hermann Eye Center):
  - Multiple research projects in disorders of the cornea, retina and visual cortex
  - Clinical neurophysiological testing: corneal opacities, congenital cataracts, ocular hypertension/glaucoma, diabetic retinopathy, photoreceptor disorders, retinal toxicity, retinal vascular occlusions/disorders, optic neuritis, amblyopia, disorders of the optic chiasm and retrobulbar/cortical visual pathway
- 7/93 to 9/95, Graduate School of Biomedical Sciences:
  - Research in spectral processing properties of retinal photoreceptors
- 1/88 to 6/91, Medical School Department of Neurobiology and Anatomy:
  - Special emphasis on cognitive neuroscience with applications in: (1) Attention Deficit/Hyperactivity Disorder, and (2) in developing protocols for the early detection of cognitive decline associated with prolonged low-gravity space dwelling and travel.
- 5/87 to 2/89, Neurophysiology Research Center:
  - Special neurophysiological applications in studies of the pain pathway and narcotic abstinence syndrome.

September 1986 to May 1987
University of Houston at Clear Lake - Biopsychology Research Laboratory
Position: Student Research Assistant

EDUCATION:

University of Houston - Clear Lake Campus
2700 Bay Area Blvd., Houston, Texas 77058, 281.283.7600
Baccalaureate in Biological Sciences, Graduated May 1992
Additional elective courses in Chemistry, Neuroscience, and Biopsychology
Verify: National Student Clearinghouse, 703.742.4200 or www.DegreeVerify.com

CONTINUING EDUCATION:

Academic Hospital Maastricht; Maastricht, The Netherlands
Depts. of Cardiothoracic Surgery, Anesthesiology and Neurophysiology
Preventing Paralysis during Aortic Aneurysm Repair, May 2003

SUNY Upstate Medical University; Syracuse, New York
The Institute of Human Performance
Intraoperative Monitoring of Motor Tract Function, April 2003

Beth Israel Medical Center; New York, New York
Intraoperative Neurophysiological Monitoring of the Spinal Cord
2nd Annual International Symposium, November 2000

Nicolet Biomedical; Atlanta, Georgia
Seminar on Intra-Operative Monitoring, March 1999

Nellcor Puritan Bennett; Chicago, Illinois
Polysomnography Scoring Course, 1995

University of Texas - Houston Health Science Center
Graduate School of Biomedical Sciences
Neuroscience Course, Spring 1995

NEUROPHYSIOLOGY SYSTEMS/EQUIPMENT:

Axon Systems Neuromonitoring Systems: Epoch 2000, Epoch XP, Eclipse
NeuroGuide EEG Spectral Analyses and Database Software
Mindset 24 EEG Acquisition and Analysis System
BioLogic Systems Corporation: Ceegraph, SleepScan II
Digitimer D185 Mark II: Electrostimulator for Transcranial Motor EPs
Healthdyne ALICE-3 Polysomnography System
Aequitron SERENA Cardiopulmonary Somnography Unit
EdenTrace II - Cardio-Respiratory Monitoring / Apnea Diagnostics
TECA DG Discovery - Digital EEG and SleepPlus
NeuroScientific VENUS and ENFANT Evoked Potentials Unit
Nicolet Biomedical: Viking, Bravo, Compass, Spirit, CompactFour, CA2000
NeuroScience Brain Potential Mapping Unit
NeuroScan EEG & EP Acquisition and Analysis Software

CONFERENCES / LECTURES / SEMINARS:

Brain Injury Association of Texas - Annual Conference, 2005, Objective Assessment of Traumatic Brain Injury, Exhibitor/Attendee.

Houston Trial Lawyers Association, 2004, Objective Brain Injury Assessment, Lecturer.

Baton Rouge Trial Lawyers Meeting, February 2004, Objective Brain Injury Assessment, Lecturer.

South Texas Personal Injury Meeting, November 2003, Objective Brain Injury Assessment, Lecturer.

American Society of Electroneurodiagnostic Technologists, 43rd Annual Convention, New Orleans, Louisiana, August 2002, Attendee/Vendor.

Texas Society of Electroneurodiagnostic Technologists, Annual Conference, Dallas, Texas, October 2000, Visual Neurophysiology for the Technologist, Lecturer.

American Society of Neurophysiological Monitoring, Annual Convention, San Diego, California, May 2000, Attendee/Exhibitor.

North American Medical Management, January 1998, Sleep-Related Breathing Disorders: Verification and Management, Lecturer.

Houston Area Continuity of Care, June 1997, An Introduction to Sleep-Related Breathing Disorders: Community Education, Lecturer.

U.T. Ophthalmology and Visual Science 1995 Resident / Alumni Day Lectures, Effect of α-Linolenic Acid Dietary Intake on the Pattern Visual Evoked Potential in Term Infants, Lecturer.

Training Seminar in Visual Neurophysiology at Albuquerque, New Mexico, 1994, Instructor.

U.T. Ophthalmology 1994 Resident / Alumni Day Lectures, The Gold Foil Electrode in Pattern Electroretinography, Lecturer.

American Association of Electrodiagnostic Medicine, 1993 Annual Meeting in New Orleans. Evoked Potentials Workshop: Visual Neurophysiology for the Technologist, Lecturer and Instructor.

U.T. Ophthalmology 1993 Resident / Alumni Day Lectures, The Pattern ERG in Alzheimer's Disease, Lecturer.

AWARDS / CERTIFICATIONS / COMMUNITY SERVICE:

Clear Lake Symphony Orchestra, Percussionist, 2008 to Present.
Pasadena Philharmonic Orchestra, Timpanist, 2007 to Present.
PADI Certified Scuba Diver, Utila Dive Centre, Utila, Honduras, 2002.
Certified Neurophysiologic Intraoperative Monitorist (CNIM), 1999.
Science Club (University of Houston at Clear Lake), President, 1988.
Selected as an Outstanding Young Man of America, 1988.
Pasadena Philharmonic Orchestra, Percussionist, 1982-83.
Houston Youth Symphony, Timpanist / Percussionist, 1979-83.

PROFESSIONAL REFERENCES:

Jon DeFrance, Ph.D. — Mobile: (207) 459-8822
Email: jondefrance@gmail.com

Thomas C. Prager, Ph.D. — Office: (713) 559-5215
6400 Fannin, 18h Floor, Houston, TX 77030 — Mobile: (281) 389-8776
Email: tprager@ibm.net

Eduardo A. Garza, CRT, RCP — Mobile: (832) 741-3522
Email: edgarzacrt@yahoo.com

PUBLICATIONS:

Journal Articles

DeFrance JF, Sands S, Schweitzer FC, Ginsberg L, Sharma JC. Age-related changes in cognitive ERPs of attenuation. Brain Topogr. 1997 Summer;9(4):283-93. PubMed PMID: 9217987.

DeFrance JF, Hymel C, Trachtenberg MC, Ginsberg LD, Schweitzer FC, Estes S, Chen TJ, Braverman ER, Cull JG, Blum K. Enhancement of attention processing by Kantroll in healthy humans: a pilot study. Clin Electroencephalogr. 1997 Apr;28(2):68-75. PubMed PMID: 9137870.

Mietz H, Prager TC, Schweitzer C, Patrinely J, Valenzuela JR, Font RL. Effect of mitomycin C on the optic nerve in rabbits. Br J Ophthalmol. 1997 Jul;81(7):584-9. PubMed PMID: 9290375; PubMed Central PMCID: PMC1722251.

DeFrance JF, Smith S, Schweitzer FC, Ginsberg L, Sands S. Topographical analyses of attention disorders of childhood. Int J Neurosci. 1996 Oct;87(1-2):41-61. PubMed PMID: 8913818.

Mintz-Hittner HA, Prager TC, Schweitzer FC, Kretzer FL. The pattern visual-evoked potential in former preterm infants with retinopathy of prematurity. Ophthalmology. 1994 Jan;101(1):27-34. PubMed PMID: 8302559.

Prager TC, Fea AM, Sponsel WE, Schweitzer FC, McNulty L, Garcia CA. The gold foil electrode in pattern electroretinography. Doc Ophthalmol. 1994;86(3):267-74. PubMed PMID: 7813378.

DeFrance JF, Hymel C, Degionanni J, Kutyna F, Calkins DS, Estes S, Schweitzer FC. Evidence of temporal lobe activation by discriminative spatial orientation. Brain Topogr. 1993 Winter;6(2):137-42. PubMed PMID: 8123429.

Prager TC, Schweitzer FC, Peacock LW, Garcia CA. The effect of optical defocus on the pattern electroretinogram in normal subjects and patients with Alzheimer's disease. Am J Ophthalmol. 1993 Sep 15;116(3):363-9. PubMed PMID: 8357062.

Prager TC, Saad N, Schweitzer FC, Garcia CA, Arden GB. Electrode comparison in pattern electroretinography. Invest Ophthalmol Vis Sci. 1992 Feb;33(2):390-4. PubMed PMID: 1740370.

Wilson OB, Hamilton RF, Warner RL, Johnston CM, deFriece R, Harter L, Schweitzer C, Talaverra J, Hymel CM, Skolnick MH. The influence of electrical variables on analgesia produced by low current transcranial electrostimulation of rats. Anesth Analg. 1989 May;68(5):673-81. Erratum in: Anesth Analg 1990 Apr;70(4):474. PubMed PMID: 2719297.

Malin DH, Murray JB, Crucian GP, Schweitzer FC, Cook RE, Skolnick MH. Auricular microelectrostimulation: naloxone-reversible attenuation of opiate abstinence syndrome. Biol Psychiatry. 1988 Dec;24(8):886-90. PubMed PMID: 2852967.

List of Published Abstracts available on request.