

Curriculum Vitae  
Walter Jess Clifford  
January 2016

PERSONAL:

DOB: 18 July 1944; Safford, AZ  
Married: 15 December 1967, to Laura Bigler  
Family: 8 Children; 4 boys, 4 girls, ages 35 - 49,  
31 Grandchildren, 3 Great Grandchildren

Residence: 5595 Darien Way; Colorado Springs, CO 80919; (719) 590-9662  
(Resident of Colorado Springs since 1986)

Employment: Clifford Consulting & Research, Inc., Chairman & Research Director  
4775 Centennial Blvd., Ste 112; Colorado Springs, CO 80919; (719) 550-0008

EDUCATION:

Elementary: Safford Public Schools, Safford, AZ; Graduated 1958  
Secondary: Safford High School, Safford, AZ; Graduated 1962  
College: Eastern Arizona College, Thatcher, AZ; 1962-63, 1965  
University of Arizona, Tucson, AZ; BS 1967, Microbiology/Immunology  
Graduate: University of Arizona, Tucson, AZ; MS 1975, Microbiology/Immunology  
Various Short Courses and Study Sessions

MILITARY SERVICE:

Service: U.S. Army, 1968-72; Commissioned Quartermaster Corps; USAR Rank Captain  
Reserve: U.S. Army, 1972-73; Army Reserve Hospital Unit, Tucson, AZ  
Decorations: Bronze Star, Army Commendation Medal / Oak Leaf Cluster, Viet Nam Service Medal,  
National Service Medal

PROFESSIONAL AFFILIATIONS AND HONORS:

American Association for the Advancement of Science  
American Association of Bioanalysts (BLD)  
American Chemical Society  
American Society for Clinical Pathology (M)  
American Society for Microbiology  
Anaerobe Society of America  
International Academy of Oral Medicine and Toxicology (FIAOMT)  
National Registry of Certified Microbiologists (Certified Microbiologist - NRCM)

PRESENT POSITION AND BUSINESS ACTIVITY:

Clifford Consulting & Research, Inc.: Founder, President and Research Director, providing various consultation, testing and research services related to health care and biomedical applications. Originator of the Clifford Materials Reactivity Testing protocol and testing program. Organized 1988, 5 staff members. CLIA licensed laboratory (CLIA 06D0669295)

LECTURES, PRESENTATIONS, POSITIONS, HONORS AND RECOGNITIONS:

1987 - Phillip Hoekstra Memorial Lecturer, Great Lakes Assn. for Alternative Medicine; Chicago, IL  
1987 - Instructor & Presenter, Toxic Element Research Foundation Seminar; Colorado Springs, CO  
1988 - Guest Instructor & Presenter, Allen Group Seminars; Houston, TX

1989 - Speaker, Hans Nieper Foundation Meetings; Phoenix, AZ and Los Angeles, CA  
1990 - Guest Instructor, McGrath Clinic Seminars; Syracuse, NY  
1990 - Provisional Approval, Clifford Materials Reactivity Testing protocol, IAOMT  
1990 - Speaker, IAOMT Annual Scientific Meeting; Atlanta, GA  
1991 - Guest Speaker, Colorado DAMS Chapter Meeting; Denver, CO  
1991 - Speaker, Immunodiagnosis and Therapy for Toxic Patients Conference, Foundation for Environmental Health Research; Las Vegas, NV  
1991 - Television Interview Guest, Connecticut Section, American Chemical Society; Fairfield, CT  
1991 - Presenter, American Academy of Cosmetic Dentistry Annual Meeting; New Orleans, LA  
1991 - Guest Speaker, North Chicago Dental Study Group; Northbrook, IL  
1991 - Speaker, L'Orthobiologie Somatidienne Symposium (COSE); Sherbrook, Quebec, Canada  
1991 - Radio Interview Guest, "Radio Free America" program, Tom Valentine, host  
1991 - Radio Interview Guest, "Your Health" program, Tom Valentine, host  
1992 - Speaker, IAOMT Annual Scientific Meeting; Pleasanton, CA  
1992 - Presenter, USNIH Ad-Hoc Committee Meeting on Alternative Medicine; Washington, DC  
1993 - Speaker, AABD Biological Dentistry Seminar; Carmel, CA  
1993 - Speaker, IAOMT Spring Regional Meeting; Arlington, VA  
1994 - Seminar Presenter, Immunology of Biomaterials; Tucson, AZ  
1994 - Speaker and Workshop Instructor, World Congress On Cancer; Sydney, NSW, Australia  
1994 - Speaker, IAOMT Spring Regional Meeting; Pittsburg, PA  
1995 - Speaker, IAOMT Spring Regional Meeting; Tucson, AZ  
1995 - Workshop, IAOMT Annual Scientific Symposium; Philadelphia, PA  
1995 - Speaker, DAMS National Symposium and Workshop; Albuquerque, NM  
1995 - Speaker, Academy Dental Seminar / IAOMT-UK, Westminster University; London, England  
1995 - Administrative Vice-President, IAOMT (95-96)  
1996 - Workshop, IAOMT Spring Scientific Symposium; Reno, NV  
1996 - Speaker, Austrian Oncology Society Annual Meeting, University of Vienna; Vienna, Austria  
1996 - Workshop, IAOMT-UK Scientific Symposium; London, England  
1997 - Speaker, Preventive Dental Seminars; Heathrow / London, England  
1997 - Workshop, IAOMT Spring Symposium; Louisville, KY  
1997 - Executive Vice-President, IAOMT (97-98)  
1998 - President, Internal Academy of Oral Medicine and Toxicology (99)  
1999 - Speaker, IAOMT Annual Meeting; Colorado Springs, CO  
2000 - Speaker, IAOMT Spring Symposium; Austin, TX  
2000 - Presenter, IAOMT-UK Scientific Convocation; Oxford University; Oxford, England  
2000 - Member, Board of Directors, IAOMT (through 2006)  
2002 - Lecturer, Institute for Integrative Medicine (Toronto); Medical Cruise, Western Carribean  
2002 - Lecturer, Institute for Natural Dentistry Symposium; Newark, NJ  
2003 - Lecturer, Institute for Natural Dentistry Symposium; Newark, NJ  
2003 - Recipient, Gray Strong Award For Outstanding Service, IAOMT; Calgary, AB, Canada  
2004 - Speaker, IAOMT Spring Science Symposium; Arlington, VA  
2004 - Lecturer, Institute for Natural Dentistry Advanced Symposium; Newark, NJ  
2004 - Lecturer, Academy Dental Seminar / IAOMT-UK; Regents College, London, England  
2004 - Lecturer, Institute for Natural Dentistry Intermediate Symposium; Los Angeles, CA  
2005 - Lecturer, Institute for Natural Dentistry Advanced Symposium; Newark, NJ  
2005 - Speaker, IAOMT Annual Meeting, Las Vegas, NV  
2006 - Speaker, IAOMT Annual Meeting, Naples, FL  
2006 - Member, Board of Directors, IAOMT (through 2015)  
2006 - Lecturer, Institute for Natural Dentistry Intermediate Symposium, Los Angeles, CA  
2007 - Lecturer, Institute for Systemic Medicine and Dentistry, Newark, NJ  
2007 - Speaker, IAOMT Spring Science Symposium, Tucson, AZ

2007 - Break-Out Instructor, IAOMT Annual Meeting, Las Vegas, NV  
2008 - Speaker, IAOMT Spring Science Symposium, San Antonio, TX  
2009 - Speaker, IAOMT 25<sup>th</sup> Anniversary and Annual Meeting, Las Vegas, NV  
2010 - Break-Out Instructor, IAOMT Spring Science Symposium, St. Louis, MO  
2012- Speaker, IAOMT Annual Meeting, Tulsa, OK  
2014 - Recipient, Michael Ziff Memorial Award for Dedicated Service, IAOMT, Las Vegas, NV  
2015 - Speaker, IAOMT Spring Science Symposium, Las Vegas, NV

#### PUBLICATIONS AND VIDEO PRODUCTIONS:

"Clostridium perfringens. I. Sporulation In A Biphasic Glucose Ion Exchange Resin Medium"; Clifford, W.J., and Anellis, A.; *Applied Microbiology*, Vol. 22, pps. 856-861, 1971

"Evaluation Of Media, Time And Temperature Of Incubation, And Method Of Enumeration Of Several Strains Of Clostridium perfringens Spores"; Clifford, W.J., Anellis, A. and Ross, Jr., E.W.; *Applied Microbiology*, Vol. 27, pps. 784-792, 1974

"Radiation Resistance Of Spores Of Some Clostridium perfringens Strains"; Clifford, W.J., and Anellis, A.; *Applied Microbiology*, Vol. 29, pps. 861-863, 1975

"The Immunostatus Differential. Early Detection Of Cancer And The Pre-Cancer State"; Harper, H.W., and Clifford, W.J.; *Journal Of The International Academy Of Preventive Medicine*, Vol. 6, pps. 71-116, 1979

"Utilizing Cell Morphology Data In Patient Management", Clifford, W.J.; Monograph, 29 pps., Seminar Training Series, 1983

"Trace Elements In Human Nutrition"; Clifford, W.J.; Monograph, 65pps., *Momentum In Health Perspectives* series, Toxic Element Research Foundation, 1986

"Clifford Materials Reactivity Testing", Clifford, W.J.; Monograph, 85 pps., Clifford Consulting & Research, 1991

"Possible Prophylactic Application of Supplements", *Explore*, Vol. 5, 6-8, 1994

"Corrosion Effects Of Toxic Materials On Blood Cells", Video Production, CCR, 1994

"Leukocyte Function Studies", Video Production, CCR, 1994

"Effects Of Toxic Metals On Microbial Entities", Video production, CCR, 1994

"Effects Of Anesthetics On Blood Cells", Video Production, CCR, 1995

"Effects Of Toxic Substances On Blood", Video production, CCR, 1996

"Electromotive And Galvanic Effects On Blood And Microbial Entities":, Video Production, 2008

"BisPhenol-A Pathology And Effects With Restoratives", Video Production, CCR, 2010

"In-Vivo Effects And Pathology Of Fluorides On Tissue, Blood And Microbiota", Video, CCR, 2012

#### CURRENT RESEARCH AND BUSINESS INTERESTS:

Modification and expansion of the Clifford Materials Reactivity Testing program, including expansion of testing for the dental and the orthopedic surgery market.

Cross-correlation of serologic detections of toxicity and Elisa delayed hypersensitivity detections.

Completion of apoptotic/necrotic testing protocol for anaesthetic susceptibility testing.

Microbial assay and chromatographic / spectrographic differentiation system for the detection of tissue-specific subacute toxicities and pharmacologic abnormalities.

Interaction of toxic substances and effects with pleomorphic and cell-wall divergent/deficient bacterial forms in-vivo and in-vitro.

Naessens and Enderlein microscopy and microbial growth studies.

Metal-based Immunologic Actions and detection.