

TODD MICHAEL LICHTENWALTER-CURRICULUM VITAE

- MIDDLE SCHOOL SCIENCE TEACHER EXPERT
- MYP CERTIFIED- MARRAKESH, MOROCCO 2004
- SOCCER COACH
- 22 YRS TEACHING EXPERIENCE, TEXAS AND NEW MEXICO LICENSED. 6-12TH GRADE SCIENCE IN TEXAS AND LEADING INTERNATIONAL SCHOOLS IN WEST AFRICA, MIDDLE EAST AND SOUTH AMERICA
- MASTERS OF SCIENCE AND BACHELOR OF BUSINESS DEGREES, SFASU & UT AUSTIN
- BUILT ONE OF THE WORLDS FIRST K12 IMMERSIVE LEARNING CENTERS UTILIZING ANALOG WORLD SIMULATIONS, LIVE ACTION AND VIRTUAL REALITY EXPERIENCES. EXPERT IN VIRTUAL REALITY TECHNOLOGIES
- LEARNING EXPERIENCE ARCHITECT DEVELOPER FOR DREAM FLIGHT ADVENTURES SPACE SHIP SIMULATORS, AND ENGAGE VR PLATFORMS
- CERTIFIED WORLD PEACE GAME FACILITATOR-TRAINED IN DENVER, CO WITH JOHN HUNTER
- IMPLEMENT COMPREHENSIVE COLLEGE PREP LEVEL SCIENCE FAIRS
- IN 22YRS HAS NOT MISSED BUT 4 DAYS OF WORK DUE TO ILLNESS AND NONE SINCE 2002

CV WEBSITE

<http://toddlighenwalter.com>

CLASSROOM WEBSITE

<https://www.ciceducationimmersioncenter.com>

DEVELOPMENT

<https://www.ciceducationimmersioncenter.com/padd>

<https://www.ciceducationimmersioncenter.com/flightdirectors>

<https://engagevr.io>

<https://worldpeacegame.org/>

PUBLICATION

<https://www.tieonline.com/article/2615/to-infinity-and-beyond-an-infinity-learning-space-in-valencia-venezuela>

TODD MICHAEL LICHTENWALTER-CURRICULUM VITAE

Address	Colegio Internacional de Carabobo Final Av. Alejo Zuloaga c/c Calle El Colegio Urb. Trigal Central Valencia, Venezuela	Marital Status	Single, No Dependents
E-mail/iChat	mrl@mrlscience.com	Nationality	USA
Class Website	https://www.ciceducationimmersioncenter.com	DOB	16 March 1971
CV Website	http://toddlichtenwalter.com	Telephone	58.241.842.1807
		Fax	58.241.842.6510

EDUCATION

- **Masters of Science in Forestry**
Major: Forestry
Thesis Research: Cognition of Map Learning
Stephen F. Austin State University of Texas 1996 – 2000
- **Bachelor of Business Administration**
Major: Marketing
2nd Major: Italian
University of Texas at Austin 1989 – 1994

CERTIFICATION- THE STATE OF TEXAS DEPARTMENT OF EDUCATION

- **Secondary Science Composite Grades 6-12** 2002
- **Elementary Physical Science Grades 1-8** 1999
- **Elementary Self-Contained Grades 1-8** 1999

TEACHING EXPERIENCE- 22 YEARS

Colegio Internacional de Carabobo, VENEZUELA

- **Education Immersion Center Director** 2015 - Present
- **Technology Integration Coordinator** 2013 - 2015
- **7th Grade Life, 8th Grade Physical, 12th Grade Environmental Science** 2008 - 2013
- **Science Department Chair**
- **Boys Varsity Soccer Coach**
- **Interactive Nature Trail Coordinator**
- **Meditation Club Leader**
- **Science Fair Coordinator**
- **School Technology Committee**
- **Secondary School Faculty Council**
- **School Leadership Team**

- Built one of the world's first immersive learning classrooms from the ground up integrating live action learning adventures, world simulations, and virtual reality learning.
- Developed and implemented the middle school curriculum for grades 6-8
- Oversaw purchase orders, science department meetings, creation of benchmark testing etc.
- Tech training for teachers on campus and conferences
- Recorded and produced school music album

American Community School, Beirut, LEBANON

- **Integrated Science 8th Grade** 2006 - 2008
- **Boys Soccer** 2006 - 2008
- **House Leader** 2006 - 2008

Lincoln Community School, Accra, GHANA

- **MYP Integrated Science 7,8,&10th Grades** 2003 - 2006
- **Boys Soccer** 2003 - 2006
- **Areas of Interaction (AOI) Leader- Environment** 2003 - 2006
- **MYP Technology 7th,8th,&10th Grades** 2003 - 2004
- **Science Department Chair** 2005 - 2006

- Develop and implement engaging hands-on student-directed science labs and units
- Extensively integrate the use of computers and other technologies into the teaching of science curriculum
- International Baccalaureate Middle Years Program (MYP) Trained (Marrakech 2003)
 - Collaborative MYP lessons and curriculum
 - AOI Leaders Committee

A. J. Briesemeister Middle School, Seguin, TX, USA

- **MS Integrated Science 7 (including Gifted and Talented), Science** 2000 – 2003
- Teach broad performance and ability ranges: honors to special education
- Member of:
 - District curriculum and vertical alignment committee
 - District textbook adoption committee
 - District technology committee
 - Campus improvement committee
 - Campus discipline committee

PARK RANGER- UNITED STATES ARMY CORPS OF ENGINEERS

- **Park Ranger at Canyon Lake, Texas USA** 2000(summer)
2002(summer)
 - Naturalist and nature trail interpreter
 - Patrol of parks and lake ensuring compliance of federal regulations and rules including water safety and visitor assistance
 - Citation Certification
 - Cardiovascular and Pulmonary Resuscitation (CPR) Certification
 - Assisted in the development of the Southwest Regional Corps of Engineer's resources computer database (OMBIL).
 - Monitor/Data collection of weather station and lake level
 - Created trail guide and activity book
 - Assisted with natural resource conservation programs and projects including the development of wetlands habitat for migratory birds and the planting of trees
 - Involved in the Flood Crisis Control and Monitoring for the 2000 flood of record
 - Trail, campsite, dam, and park maintenance

EXTRA-CURRICULAR, VOLUNTEER, AND HOBBY INTERESTS

- **University Interscholastic League Coach** 2001-2003
Develop and guide middle school students competing in academic competitions including: calculator applications, poetry, and prose.
- **University Interscholastic League and United States Certified Soccer Referee** 1983,1997-2000
Volunteer and paid referee for Children, Youth, Secondary, College and Men's Semi-Pro Leagues
- **Soccer Coach and Player**
 - Coach- Middle School and Varsity Boys 2003-Present
 - Coach- High School Boys Squad- (UIL) 1999 – 2000
 - Coach- Youth- Nacogdoches Youth Soccer League (NTSA) 1998 – 2000
 - Player- North Texas Regional Finalist (UIL) 1988
 - Player- United States Southern Regional Semi-Finalist 1984
 - Player- Division I Texas State Champions 1984
- **Music and Film**
 - Certified Apple Final Cut Pro Video Editor
 - After-school Movie Making Club
 - Flute and bamboo craftsman
 - Dulcimer player
 - Sound studio recording and computer technologies
- **2003-2005 Community Service and Community Action Service (CAS) Events**
 - Habitat for Humanity Builds in GHANA villages- assistant to CAS coordinator
 - Ghana Polio Eradication Day
 - Blood Drive Donor
 - Earth Day Neighborhood Litter Cleanup
 - Computer Training School- personally financed and operated small computer training school tuition free for local Ghanaian men

PUBLICATIONS

- [The International Educator](https://www.tieonline.com/article/2615/to-infinity-and-beyond-an-infinity-learning-space-in-valencia-venezuela): <https://www.tieonline.com/article/2615/to-infinity-and-beyond-an-infinity-learning-space-in-valencia-venezuela>

TECHNICAL SKILLS

- Advanced knowledge of classroom technologies for designing and implementing lessons
- Developer for Dream Flight Adventures
- Design lessons in Engage VR, code apps using Glide

TECHNOLOGY HARDWARE AND SOFTWARE

- Invested over \$400K of my own money into classroom and lab equipment over the years

INTERNACIONAL BACCALAUREATE CERTIFIED

- MYP training- Marrakesh, Morocco, 2004

TRAVEL AND TEACHING ABROAD

- Venezuela 2008-Present
- India 1998-Present
- Ghana 2003-2006
- Morocco 2003
- Jamaica 1993, 1995
- Italy 1988, 1991

HEALTH

- Non-smoking, alcohol and drug free vegetarian
- Enjoy jogging, soccer, and basketball

SCIENCE COURSEWORK COMPLETED

- FOR 564 Forest Medicinal Plants
- FOR 535 Advanced Forest Soils
- FOR 564 Quantitative Landscape Analysis
- FOR 510 Research Methods in Forestry
- FOR 564 Environmental Attitudes
- FOR 521 Landscape Analysis
- FOR 589 Thesis Research
- FOR 590 Thesis Writing
- FOR 119 Dendrology
- FOR 405 Environmental Communication and Interpretation
- FOR 223 Surveying and Mapping
- FOR 111 Introduction to Forestry
- BIO 522 Plant Biogeography
- BIO 1653 Biology I
- CHEM 1644 Chemistry II
- CHEM 1634 Chemistry I
- PHYS 2614 Physics II
- PHYS 1653 Physics I
- CALC 403 Calculus II
- CALC 124 Calculus I
- ASTR 302 Astronomy I
- MKT 460 Information and Analysis
- STAT 202 Statistics I
- MIS 310 Electronic Data Processing

*Over 250 hours of college credits across a range of subjects in the course of 11 years of university work.

REFERENCES

SOUTH AMERICA

Mr. Stephen Sibley: headmaster
Colegio Internacional de Carabobo
Valencia, VENEZUELA
Email: ssibley@cic-valencia.org.ve

Phone: 58.241.842.1807 Fax:58.241.842.6510

MIDDLE EAST

Dr. George Damon: headmaster
American Community School
Beirut, LEBANON
Email: gdamon@acs.edu.lb

Phone: 961.01.374.370ext.106

Mr. Karim Abu-Haydar
American Community School
Beirut, LEBANON
Email: kabuhaydar@acs.edu.lb

Phone: 961.01.374.370

AFRICA

Mr. James Dunn: former principal
Lincoln Community School
Accra, GHANA
Email: dunnbari@hotmail.com

Phone: (+233-21) 774018

NORTH AMERICA

Glenda Moreno: former principal
A. J. Briesemeister Middle School
Seguin, Texas USA
Email: gmoreno@seguin.k12.tx.us

Phone: 830.379.0600 Home: 830.303.7710

Dr. David L. Kulhavy: graduate professor
Arthur Temple College of Forestry:

Phone: 936.468.3301 Home: 936.569.7050

Stephen F. Austin State University
Email: dkulhavy@sfasu.edu

Mrs. Joan Ragland: student teacher mentor
Hudson Middle School
Hudson, Texas
Email: jadr@lcc.net

Phone: 936.875.9222

Home: 936.831.2325

Mr. Ed Bright: Commanding Officer
Unites States Army Corps of Engineers

Phone: 830.964.3341

Terry Chambliss: campus IT specialist
A.J. Briesemeister Middle School:
Email: tchambliss@seguin.k12.tx.us

Phone: 830.379.0600

Mr. Earl Jones: family friend 31 years
Self-Employed

Phone: 972.298.0924