

# VITA OF LEVI CHANDLER MAAIA

April 2019

## EDUCATION

2018 **Ph.D.** in Education, University of California, Santa Barbara  
2013 **M.A.** in Education, University of California, Santa Barbara  
2004 **M.A.** in Journalism, Emerson College  
2003 **B.S.** in Film & Television, Boston University

## TEACHING EXPERIENCE

2008-2014 **Anacapa School**  
Teacher & Curriculum Developer: Digital Voyage media course;  
Anacapa Near Space Exploration Club; STEAM Lab engineering &  
electronics course  
Coordinator: 2012-2013 Synthesis Unit – Space: Where are we going?  
2009-2010 **University of California, Santa Barbara**  
Teaching assistant – *Teaching methods in education* course  
2008 **Santa Barbara Sailing Center**  
Sailing instructor  
2001 **Edgewood Yacht Club Sailing School**  
Youth program director and sailing instructor  
1999 **New Bedford Yacht Club Sailing School**  
Youth program sailing instructor

## PROFESSIONAL ACTIVITIES & SERVICE

2018-Present **Maaia Communications**  
Co-founder of business strategy firm focused on assisting small businesses  
and startups  
2017-Present **Amateur Radio on the International Space Station (ARISS-US)**  
Education Committee member for NASA-sponsored STEM outreach program  
connecting students with astronauts aboard the International Space Station  
2002-2018 **Full Channel Labs**  
President and chief technologist of research and strategy initiative for internet,  
television, and phone service provider  
2012-2015 **Anacapa School**  
Director of outreach and communications for independent school serving  
Grades 7 to 12  
2004-2012 **Full Channel, Inc.**  
Vice President and chief technologist at internet, television, and phone service  
provider  
1996-2015 **ComCreations, LLC**  
Founder of interactive design, development, and media production firm  
2002 **American Experience – PBS/WGBH**  
Research and interactive production assistant  
2000 **Context Media**  
Production assistant

## COMMUNITY ACTIVITIES & SERVICE

- 2016-Present **Angel Flight West**  
Volunteer pilot for a nonprofit organization that arranges free, non-emergency air transportation for children and adults with serious medical conditions and other compelling needs
- 2014-Present **Santa Barbara Amateur Radio Club**  
Director at large for 501(c)(3) nonprofit organization
- 2007 **Town of Warren, R.I. Fire Department**  
Volunteer NFPA Level 1001 firefighter
- 2006-2007 **Big Brothers of Rhode Island**  
Advisory board member
- 2002-2003 **Big Brothers of Massachusetts Bay**  
Big brother
- 2001-2002 **Boston University Community Service Center**  
Volunteer at elementary afterschool program in Boston Public Schools
- 1998 **City of East Providence, R.I. Senior Center**  
Volunteer teacher of personal computer seminars for senior citizens

## CERTIFICATIONS

- Federal Communications Commission**  
Amateur Radio Operator - General Class License K6LCM
- Federal Aviation Administration**  
Private Pilot - Airplane Single Engine Land & Sea; Instrument Airplane  
Remote Pilot - Small Unmanned Aircraft Systems

## MEMBERSHIPS

- 2017-Present **National Association for the Advancement of Colored People (NAACP)**  
Member
- 2013-Present **Amateur Radio Satellite Corporation (AMSAT)**  
Member
- 2013-Present **The Explorers Club**  
Member National
- 2010-Present **Institute of Electrical and Electronics Engineers (IEEE)**  
Member
- 2008-Present **American Education Research Association (AERA)**  
Member
- 2006-Present **American Radio Relay League (ARRL)**  
Member

## AWARDS AND RECOGNITION

- 2013 QST Video Award, American Radio Relay League
- 2009 Philip and Helen Green Research Fellowship, Gevirtz Graduate School of Education, University of California, Santa Barbara
- 2009 Top Ops Community Service Award, Cablefax

## PUBLICATIONS & RESEARCH

- Maaia, L. C. (2019). Inventing with maker education in high school classrooms. *Technology & Innovation*, 20(3), 267-283(17). doi: 10.21300/20.3.2019.267
- Maaia, L. C. (2018). *High school STEM education through amateur radio and space exploration projects*. Presentation, Astronauts Memorial Foundation S.P.A.C.E. Conference, NASA Kennedy Space Center, Fla.
- Maaia, L.C. (2018). *The keys to maker education: A longitudinal ethnographic study of a STEM-to-STEAM curriculum-in-the-making* (Doctoral dissertation). University of California, Santa Barbara.
- Maaia, L. C. (2015). QSL from Cuba. *QST*, 70-72.
- Maaia, L. C. (2015). *The need for adapting not adopting resources for test preparation* (Unpublished master's project). University of California, Santa Barbara.
- Maaia, L. C. (2012). *Near Space Probe Technical Overview*  
Presented via video at Dayton Hamvention, Dayton, Ohio.
- Maaia, L. C. (2011). Electronic Flight Bags: iPad & ForeFlight in the cockpit. Presented at FAA Safety Team Seminar, Santa Barbara, Calif.
- Maaia, L. C. (2010, December 28). Internet rules give big business control.  
*The Boston Globe*, p. A10.
- Green, J., Frame, A., Maaia, L., Emerson, A., Nilsen, K., Stewart, A., Truxler, A. & Hunter, M. (2010). California STEM Network Initiative. Presentation, California STEM Summit, Pasadena, Calif.
- Maaia, L. C. (2006 November-2007 May). *Voices. Multichannel News*.
- Maaia, L. C. (2004). *The cost of free software: An investigation into open source* (Unpublished master's project). Emerson College, Boston.