

## ***Andrew Elbert Lieberman***

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### **Personal information:**

- American citizenship, Guatemalan residency.

### **Education and credentials:**

- M.S. General Education, Capella University (7 of 14 courses completed).
- Continuing education coursework in project management, 2000 - 2001.
- TESL Certificate. U.C. Berkeley Extension, 1992-1994.
- California Community College certification to teach Adult Basic Education and Computer Science, 1990.
- B.S. Electrical Engineering and Computer Sciences, U.C. Berkeley (with honors), 1988.

### **Current position:**

- Project Director, Proyecto "Enlace Quiché" / Academy for Educational Development / dot-EDU, Santa Cruz del Quiché. Responsible for directing all technical and administrative aspects of the project which is working to use educational technologies to strengthen the training of bilingual (Spanish - Maya) teachers through funding of USAID's "Better Educated Rural Society" program. Duties include hiring, training and supervising eleven staff members (technical and administrative), coordinating with international consultants, procuring equipment, managing relations with client, coordinating with local partners, and managing the project budget. ([www.enlacequiche.org.gt](http://www.enlacequiche.org.gt))  
March 2000 - present.

### **Teaching experience:**

- Professor, Mariano Galvez University, Santa Cruz del Quiché: Teaching programming classes. 1999.
- Teacher and computer program administrator, Umatlán school, Santa Cruz del Quiché: Teaching computer applications and programming classes to high school students, administration of school-wide network, maintenance of equipment, supervision and training of other teachers, purchasing, and developing computer program. 1995 – 2000.

- Instructor, San Francisco Vocational Services: Teaching computer applications in a non-profit office technology vocational training program for disabled adults, coordinating students' progress through the program. 1992 – 1994.
- Instructor, City College of San Francisco: teaching non-credit classes in Computer Applications and Adult Basic Education. 1992 – 1994.
- Other teaching experience: Variety of ESL/EFL teaching experiences, teaching of kids summer computer classes, literacy tutoring.

### **Consulting experience:**

- Information Technology Resource Optimization Consultant, PAEBI/World Learning/USAID: Carrying out needs analysis, supervising purchases and installation, coordinating training. 1999 - 2000.

### **Programming experience:**

- Consultant/Programmer: WRRC Research Facility, USDA, Albany, California. Design and development of Visual Basic and C programs to convert and process data. As needed since 1989.
- Programmer: U.C. Berkeley Library. Development of C programs for data conversion. 1988-1990.
- Other programming work: small-business database design, member of a microprocessor design team, other contract programs.

### **Skills and areas of interest:**

- Indigenous peoples and information and communications technologies.
- Technology center planning, design, hardware and software selection, installation, training, sustainability, monitoring and evaluation.
- Virtual communities.
- Instructional design: creation of instructional multimedia materials and web content.
- Bilingual intercultural education issues.
- Use of technology in educational settings: lesson planning and training for integrating technology into content courses.
- Programming in Visual Basic, database design, web page design.

- General computer maintenance, repair, and networking.

### **Language skills:**

- English (native-speaker), Spanish (fluent oral and written), K'iche' Maya (beginner level oral and written)

### **Selected achievements:**

- Several recognition diplomas for supporting education and technology in El Quiché (1999 - present)
- Keynote speaker (*padrino*) for several graduating classes in local schools (1999-present)
- President, "Los Celajes" Cooperative Housing Development board (1997-1998)
- First place, costume contest, Tour de San FRANCISCO Bicycle Ride (1986)
- Designed and developed prototype bicycle computer with memory and PC interface (1986)
- 158<sup>th</sup> place, BudLight Triathlon (1986)
- Eagle Scout (1983)

### **Selected conferences and papers**

- Presentation: "Learning from Enlace Quiché to Strengthen Digital Initiatives in the Plan Puebla-Panamá," IDB conference, "Digital Solutions for the Social and Economic Development of Mesoamerica," Antigua, Guatemala, September 4, 2003.
- Paper: "Taking Ownership: Strengthening Indigenous Languages and Cultures through the Use of Information and Communication Technologies," 2003. Available at: [http://learnlink.aed.org/Publications/Concept\\_Papers/taking\\_ownership.pdf](http://learnlink.aed.org/Publications/Concept_Papers/taking_ownership.pdf)
- Paper: "The Blossoming of our Ancestors' Words," August 2002.
- Article: "Bringing Mayan Language and Culture Across the Digital Divide," [www.techknowlogia.org](http://www.techknowlogia.org), July 2002.
- Article: "Narrowing the Digital Divide in El Quiché", Revista Juan De León, August 2001.
- Paper: "Globalization: a Threat or an Opportunity for Bilingual Education in El Quiché," August 2001.
- Conference: "Use of Educational Technology to Strengthen Bilingual Education", National Conference on Bilingual Education, Guatemala. June 2000.

References and salary history available upon request.