

Curriculum Vitae

Ms. Andrea G. Bowe, M.Ed., Ed.S.

* ANDREA BOWE, M.Ed.

President/Director/CEO CSIRI.org,

**COMPUTER SOCIAL IMPACT
RESEARCH INSTITUTE**

a 501©(3) since 10/10/2007

ANACORTES WA 98221

**CSIRI First founded in CA 1979-
2000 by Dr. Frederick Bernard
Wood, one of the Fathers of General
Systems Theories, BS, MS, & PHD
EE degrees from Berkeley CA**

**Wrote the first Berkeley Radiation
Lab Journals. Worked for MIT,
IBM, and developed modern radar
applications in WWII, fractal
computer programs before
Mandelbrot, and communications
theories in the cause of man.**

**Fred and Andi co-authored:
*CLIMATE CHANGE & ADVANCED
ELECTROMAGNETICS* Presented
by Dr. Wood to ISSS (International
Society for Systems Sciences) (a
society he helped to found) in
Toronto July 2000. Now in
paperback, hardback, & ebook on
lulu.com**

ANDI BOWE notified 2014

**That she is now ranked in the top
1% of United States Executives:**

“Andi,

Congratulations! You’ve been recognized as a Top
Ranked U.S. Executive.

Millions of executives provide information online
about their careers each year.

The National Council of American Executives in
partnership with The American Registry, has
analyzed thousands of entries to identify those
within a certain area and location who are rated
the highest.

Of the millions of active executives, you are among
the top 1% who have received this honor.

We commend you for this achievement. In an effort
to aid your customers and clients in their search
for top-quality service, we’ve set you apart from
your competition by adding you to The Registry™.
We invite you to view your award online. You can
learn more about this recognition by visiting our
website.

Again, congratulations on this distinctive
achievement!

Sincerely,

Benjamin Morrison President, Consumer
Research”

www.theamericanregistry.com/national

2915 S. Congress Avenue, Delray Beach, FL 33445
866.964.0866

EDUCATION

Education Specialist Degree (Ed.S.) in Education, August 2013, Walden University

Doctoral Candidate, Ph.D. Education & Leadership, Self-Designed,

Walden University 6/2005-6/2013, gpa 3.45 (switched to Ed.S. degree)

Master of Education, Specializing in Instructional Technology, Grand Canyon

University, Phoenix, AZ, 2004-2005, gpa 4.0

Bachelor of Science, with High Scholarship, Liberal Studies, Honors Student,

Oregon State, 1972-1974, gpa, 3.69, Engineering Major, Minor in Nuclear Rx

Technology & Psychology.

Loyola University, Early Entrance, Honors At Entrance, National Honor Society

Scholar for two years, Electrical Engineering Major, Del Rey Player, Minor in

Communication Arts, gpa 3.96, 1969-1971.

Notre Dame Academy Girls' HS 1965-1969 Valedictorian, Gold Seal Graduate

ACADEMIC/TEACHING EXPERIENCE

Professor/Administrator, Inter-generational Film School

College of Synthesis, Anacortes WA csiri.org, 2000 - Present

BOWE's homeschools: 1978-Present

Teaching early childhood, inter-generational Learning Centers (MOM'SOS)

Sherwood Music School Chicago IL Graduate, 1969:

9 years of training to be a piano teacher, 1960-69, Teacher/mentor Mrs. Elizabeth Withrow, accredited with Sherwood Music School in Chicago

St. Mark's Venice CA & later at her home in Santa Monica CA

Hands-on:**Keyboards, Guitar, Flutes, Native Drumming Arts****Flute carving (Native-American style), bamboo & cedar****Crocheting, including recycling old wools to make afghans, belts, etc. as****“Living Art”, musical composition, self-publishing, web page designed****Domestic violence counseling, children as creators, solar oven workshops,****Bioethics, Promoting Peace and Healing through music**

Cardboard Solar Ovens

Wheat Grass Juice for Healing & profit

Card Weaving (Traditional and Egyptian styles)

Inkle Loom Creation & Weaving styles (Dineh, Dakota)

Basketry, Ojos de Dios, Dreamcatchers, Garage Band, IMovie, digital photography, digital editing, composition, art, calligraphy, music imagination on flute, drums, guitar, keyboard, trumpet, sax, etc. (Over 500 old songs and scores)

(Over 500-volume library)

Any age invited:

How to Create your own:

Calendars, blogs, networking, Photo Books, textbooks, memoirs, online web quests

Copyrighting your own work:

Copyrighted ASHA'S SONGS:

Children's Short Story, a Native flutecarving workshop

and a large collection in print and cassette of 240 minutes of poem/songs:

Library of Congress (1998).

Creator:

MOM'SOS (SCIENCE OF OPEN SYSTEMS LEARNING CENTERS)

Based on DESIGN BY TEAMS AS A NEW PARADIGM

© ANDI BOWE 2005

*** Supervise and guide inter-generational workshops.**

Constructivism (Hands-on Learning), music composition, digital interface, film schools using documentary format to preserve native culture and craft, utilizing technology to implement global solutions by the children themselves.

*** Supervise job performance of 40 or more children, from teens to pre-K, in**

Design by TEAMS Workshops and very early childhood action research proposals

*** Write Grants, Teach Design by TEAMS Workshops as a new paradigm.**

• Supervise job performance of 11 volunteer and departmental staff members.

- Conduct and lead departmental meetings.
- Manage \$5000 departmental yearly budget, which includes salary, equipment, supplies, and miscellaneous expenses for web site hosting for csiri.org.
- * Participate in hiring professionals as consultants and volunteers.

Utilize Art and Music as Healing for domestic violence victims.

- * PI on Grants.gov and Fast Lane, CSIRI.org grant submissions

NIH Certificate, 1/22/2009 & 09/09/2011 Certification Number 7499591

Human Research Studies

Student/Teacher, Sherwood Music School Correspondence Course to be a Piano

Teacher, 1960-1969

Composer/Musician/Poet Chosen five years in a row for the Sound of Poetry

(only 33 poets a year out of millions are chosen for this CD)

Two alphabet Books of Poems on lulu.com and numerous poems published by poetry.com and worldpoetrymovement.com

Concert Pianist for LA Music Teachers' Association (last played:

Chopin Opus 19 No. 2). We have a large collection of music, including the complete Sherwood Music School Course to be a piano teacher and almost a hundred years of music for films, as well as the original scores from famous cartoons of the 50s, including Woody Woodpecker, Pirates of Penzance, Big Town, and Andy Panda

Seven Years as a Conductor/Producer Produced, Directed, Edited & Filmed:

2 year Weekly ½ hour Series on communitytv.org, Santa Cruz

CA 2001-2003 shown at 6:30PM every Wednesday:

Energy Crisis: Fact or Fiction? later shortened to *The Energy Crisis?*

Santa Cruz Video Projects communitytv.org

Andi Bowe, Independent Producer, has broadcast the following videos:

My Video Projects CHANNEL 71 AND, LATER, 27

*VOICE OF THE WIND & I HEAR A SONG: White Buffalo Calf Woman 6/16/99,
6/27*

Six Hours To Save The World: GCSC2 7/13, 20, 27/99

Native American Flutes and Jah Kind 2/27/00

A Little Bird Told Me 3/27,28,29/00

Secrets of the Energy Crisis 10/24/01

Love is Not For Sale 3/26, 28/01 MUSIC VIDEO

Flutecarving Workshop 2/27/00

Forrest's Legacy: Toxics and Chromium 6 7/18,21/01

Almighty Jah and Global Peace Walk, 2000

Heart Lake 2002 MUSIC VIDEO

Temple of Beauty 2002 MUSIC VIDEO

Habitat 2002 1/1/03 9PM 78 MINUTES OF ART AND MUSIC IN SANTA CRUZ

Earth Vision Contest 2002 HONORABLE MENTION

Energy Crisis? the series 4/9/01-7/03

Energy Crisis: Fact or Fiction?

TITLE, # REPEATS, & FIRST TWO AIR DATES:

- *Energy Crisis:Teach-in Part 1. 6 REPEATS. 4/9,4/12/2001*
- *Energy Crisis: Fact or Fiction?4. 6/5,6/8/01*
- *Energy Crisis: Fact or Fiction? 2 & 3. 10/24,25/01*
- *Part 3. 5. 11/26, 11/29/01*
- *Part 4. 3. 1/9,1/23/02*
- *Part 5. 1. 2/20/02*

- *SolTrain Part 6. 10. 3/6,3/13/02*
- *Part 7. 3. 5/22,6/5,6/19/02*
- *Part 8. 3. 5/29,6/12,6/26/02*
- *Part 9. 1. 7/3/02*
- *Part 10. 5. 7/17,7/24/02*
- *Part 11. 5. 7/10,7/31/02*
- *Part 12. 7. 9/25,10/02/02*
- *Part 13. 5. 10/09,10/23/02*
- *Part 14. 5. 12/18,12/25/02&1/8,1/23,2/6/03*
- *Part 15. 4. 1/1,1/15,1/30,2/13/03*
- *Part 16 . 2/20,3/6/03*
- *Part 17 . 2/27,3/13*
- *Part 18. 3/20,4/3/03*
- *Part 19. 3/27,4/10/03*
- *Part 20. 4/17/03 Peace Vigil and March in Santa Cruz*
- *Part 21. 4/24/03 Peace Vigil @ Peace Park*
- *Part 22 . 5/1/03 open mic with Cosmic Chris*
- *Part 23. 5/8/03 open mic @ Union St. Santa Cruz, CA*

ERIN BROCKOVITCH AND MASRY IN WILLITS: 8/2000

- *CHROMIUM 6 UPDATES @ earthspeak.org*
- *Erin Brockovitch: [http://www.masryvitoe.com/erin_brockovitch.shtml](http://www.masryvitoe.com/erin_brockovich.shtml)*

COURSES TAUGHT

Author/Web Page Designer/Videographer

Film School and television and web page video production

Undergraduate Graduate

Quantum Physics

- # Galois polynomials & de Broglie equations of possible probabilities
- # Fluid Flow & Fractals
- # Nuclear Reactor Design
- # Thermodynamics
- # Thermodynamics of Living Systems
- # Engineering Economy
- # Alternative Energy Systems
- # Plant Design
- # Permaculture, Biodynamics, Rock dust soil remineralization
- # Reactor Design
- # Research Philosophy & Design
- # Biosynchronicity
- # Action Research and Land Trusts as Biospherical Models for Co-evolution
with the Biosphere
- # Film & Documentary Production

* Developed course titled “Design by TEAMS” for outreach students. The effort involved writing an extensive study guide for a self-paced correspondence course in Design and Bioethics.

Developed the Bowe Scale for qualitative and quantitative research design reform based on principles of quantum physics and biosynchronicity.

* Designed and developed graduate course titled “Bioethics & Biosynchronicity” This course has been very well received by students and is offered as a short course to industry professionals in cost-effective team teaching and modeling.

INDUSTRIAL & WORK EXPERIENCE

- * **Consultant/Owner, AAA DESIGN SERVICES GROUP, 1970 – Present**
- * **Played instrumental role in developing predictive models and streamlining various tools and methods for cost-effective, energy-efficient housing and cooperative organic farming as solution to homelessness and poverty, as well as developed solutions for modeling global solutions to hunger by restoring the quality of mercy to the forefront of national goals.**

- * **Technical Researcher: New Sources of Renewable Energy (COP>1), CSIRI.ORG**
- * **Psychosocial Theoretical Action Researcher into Sources of Creativity, especially those based on musical bio-synchronicity and harmony with the biosphere**
- * **1988-1991 Rebuilt three old homes as personal Sanctuary and Habitat projects, providing homes for three families on limited incomes**
- * **Solar oven promoter & original co-author: *Heaven's Flame* now by Joseph Radabaugh. (1991). Published by Home Power Magazine.**
- * **Sub Clerk PS 5, Postal Worker, Venice Post Office, July 1971-72**
(passed training in 2 weeks, the next fastest to master 64 routes took 6 weeks)
- * **9/1970 US Civil Service Exam Results: 98.8**

- * **Work study, Oregon State University, Corvallis, OR, 1972-73**
- * **Summer Jobs:**
 - Western California Telephone Co. Los Gatos CA, 1970 Full Time**
 - General Telephone Co. Santa Monica CA, Mail Clerk, 1969, Full Time**
 - Culver Electronics Sales and Assembly. Part Time, 1967-69**

ACADEMIC HONORS AND AWARDS

- * **\$2000 Doctoral Scholarship Recipient, Walden University, 2007-2008**
- * **Honorable Mention: Earth Vision Contest, 2002 for Habitat 2002, a 78-minute video shown on communitytv on 1/1 2003 at 9pm Channel 27, Santa Cruz CA**
- * **\$100 Engineering Honorarium, 1970**
- * **1969-1971 Honors at Entrance, National Honor Society Scholarship Recipient for two years, Loyola University CA, (gpa 3.96)**
- * **1969 included in Outstanding American High School Students & in MERIT'S WHO'S WHO AMONG AMERICAN HIGH SCHOOL STUDENTS**
- * **1969 Valedictorian, Gold Seal Graduate Notre Dame Academy Girls' High School CA**
- * **1969 Bank of America Award for Excellence in Science and Mathematics**
- * **1969 Awarded Lifetime Membership: CA Scholarship Federation Certificate of 100% Membership in all semesters of high school & National Honor Society**
- * **Semifinalist, California State Scholarship 1968-9. 1970-71. 1971-72**
- * **1969 Certificate of Merit, Freedom Spokesman from Lion's Club & VFW 1st Place Local 2nd Place District**
- * **1968 Early Entrance Loyola University CA**
- * **1968-9 LA Music Teachers' Association Scholarship Award for two to attend every concert from the Philharmonic Artists' Association, Santa Monica CA**
- * **1966 National Auxilium Latinum Award Summa cum Laude,**
- * **1967 National Auxilium Latinum Award Magna cum Laude**
- * **1956-1965 St. Mark's Catholic School, Venice, CA, Award for Excellence, 1965**
- * **1967 Rancho Park Track Team 1st Place 50 & 100 yard dash, 2nd place 220 yd. relay**
- * **1967, 68, 69 Bowling League, First Team, 1968 & 69 Team Trophy 1967 High Series 1968**
- * **First Honors, Notre Dame, 1966-69 NEDT Certificate 1966**

LEADERSHIP/SUPERVISORY EXPERIENCE

- * **DIRECTOR: COMPUTER SOCIAL IMPACT RESEARCH INSTITUTE,
CSIRI.ORG 501©(3) Private Operating Foundation, 2007-2013**
- * **Co-Director, Division of Compassionate Democracy, Csiri.org, 1999-2006**
- # **Content specialist/Web Page Designer: AAA Design Services Group**
- # **GRANT WRITER FOR PRESERVATION OF NATIVE ARTS AND CRAFTS
AND WORKING ARTISTS IN THE PACIFIC NW**
- # **Working on original video game storyboard teaching reading using music as the carrier**
- # **Research Assistant to Dr. Fred B. Wood, Father of General Systems Theories, 1997-2005.**
- # **Co-author/E-Publisher: *Climate Change and Advanced Electromagnetics*,**
 - **Book created from a paper presented by Dr. Fred B. Wood,
ISSS (International Society for Systems Sciences) Toronto in July 2000,**
- # **EDITOR, AUTHOR, PUBLISHER: OVER 70 BOOKS ON LULU.COM**
- # **CREATOR: DESIGN BY TEAMS METHODOLOGY: A NEW PARADIGM**
- # **Content specialist, SPIRITUALUN & CSIRI.ORG**
- # **Implementing free WEB PAGES FOR ARTISTS AND CRAFTSPEOPLE as part of
ongoing development of online film school and College of Synthesis**
- # **Sponsored Unity Festival in Kendrick Mts. AZ, 1994**
- # **Caretaker, Morning Star, Four Corners Project, 1994**
 - Listening to the Voice of the indigenous peoples (Hopi, Dineh, Lakota, Dakota, etc.)**
- # **Children's Rainbow Gardens Administrator/planner/implementer**
- # **Developed Permaculture Projects and Organic Gardens at the base of Miriam
Crater next to Navaho (Dineh) reservation, AZ**
- # **Interceded for Hopi and Big Mountain Grandmothers**
- # **Seven Years as an Independent Producer/Videographer/Crew/Digital
Editor/Talent/Advertising Executive & sponsor for spiritualUN
@Communitytv.org, Santa Cruz Ca 1996-2003**

Produced informational videos translating the message of the Big Mt. Grandmothers to the United Nations in 1991

Producer Public Service Announcements on Chromium 6 Toxic Contaminants

Producer/Director *Six Hours to Save the World* on communitytv.org, shown on three consecutive Tuesdays, a live-filmed Berkeley Alumni House Conference including Dr. Fred B. Wood (see fredbernardwood.org)

Unity Festival: Children's Events Coordinator, 1994

Bioethics and Global Warming information dissemination and whistle blowing on toxics in environment, 1974-Present

TEACHING EXPERIENCE

Classical pianist and guitar and flute instructor since 1969

* Sherwood Music School, Chicago,

* Piano Teacher's Degree Course, 1960-69

* 1982-2003 Home School Santa Cruz, CA

* Teacher/Mom (5 children 15-31)

* Offering Workshops online and in person in piano, guitar, flutes and flute-carving, poetry, copyrighting, composing, how to grow wheat grass for healing, fun, and profit, genealogy, web quests for students and teachers, web page construction, CD/DVD production, digital editing and photography, how to construct, edit, and self-publish, cardboard solar oven construction, Native American Flutecarving, documentary filmmaking, basketry, finger, card and inkle loom weaving and other hands-on PBL Design by TEAMS Methodology.

VOLUNTEER

Director, CSIRI, INC. Division of Compassionate Democracy 1999-2006

Director/CEO CSIRI.ORG, 2007-Present, Domestic Violence Counseling,
Healing with music.

Minister/Reverend, God's Living Words Ministries, WA 2008-2011

Volunteer for Parliament of the Worlds' Religions, Preview,

Rumi Documentary, Los Angeles CA Bahai Center, 2008

- # Lifetime Member, CSF (California Scholarship Federation) since 1969**
- # Lifetime Member, NHS (National Honor Society), since 1969**
- # Member, BIMA (Bellingham Independent Music Association) 2007-2012**
- # Member, IEEE 2009-2010**
- # Member, ACLU 2008-2010**
- # Member, AARP 2006-2010**
- # Member, AERO 2011-2012**
- # Member, NAEYC & WAEYC, 2008-2009 (National Association for the Education of Young Children)**
- # Member, BEA 2007-2012 (Broadcast Education Association)**
- # Member, Santa Cruz/Live Oak CA Green Grange No. 503 August, 1999-2001**
- # Minister & Evangelist, Church of God's Living Words, 1975-present**
- # Sponsor, Volunteer, WA & OR Native Way: Blessings of Flags, Vision Quest, & 10th Annual Blue Mountain Sundance, Umatilla National Forest, OR 2007**
- # Volunteer, St. John's Hospital, Santa Monica, CA 1968-69**
- # Member, Pep Club 1966-69**
- # Member, GAA (Girls' Athletic Association), Notre Dame Academy Girls' High, 1965-69**
- # Member, Basketball Varsity, Notre Dame, 1967-69**
- # Member, Volleyball Class Team, Notre Dame, 1966-69**
- # Member, Guitar Club, 1968**
- # Member, Lettergirls' Association, 1966-69**

EDUCATION

- * Master's Degree in Education Specializing in Instructional Technology awarded in May, 2005, with Grand Canyon University, Phoenix AZ, Masters online program (A average), July 2004-5**
- * 2000-2002 Web Page Design educationdir.com**

- * **1998-1999 Computer Graphic Arts, educationdir.com**
- * **March 1974 Bachelor of Science, Liberal Studies, with High Scholarship**
1972-1974, Honors Program, Oregon State University, Corvallis, Oregon, (gpa 3.69)
- * **1969-1971 Honors at Entrance,**
- * **Honors Program, 1969-71**
- * **National Honor Society Scholarship Recipient for two years @**
- * **Electrical Engineering Major. Minor, Communication Arts**
Loyola University Inglewood, CA, (gpa 3.96)
- * **Actress & Member Del Rey Players, 1969-71, Loyola University**
Member, Cast: Tea House of the August Moon
House of Bernarda Alba
Rhinoceros
Black Comedy
The Bat
Member, Crew: Rhinoceros
Thurber Carnival
- * **Member, ACLU, 1969-70**
- * **Member, Gryx Christopher, 1969-70**
- * **Member, ASCE (American Society of Civil Engineering), 1969-71**
- * **Member, Engineering Council (Freshman & Sophomore Rep), 1969-71**
- * **Member, Kennedy Action Corps, 1969**
- * **Member, Volunteers for Bradley for Mayor of LA, 1969**
- * **Member, Teen Club, Venice Beach Recreation Center, 1968-9**
- * **Member, Treasurer, YPI (Youth for Political Integrity), 1969**
- * **Reporter/Columnist, Venice Community Data Sheet, 1969**
- * **Tutor, Venice Service Center, 1968-9**
- * **Member, St. John's Hospital Volunteers, 1967-69**

- * **Member, Philharmonic Artists' Association, Santa Monica CA, 1968-9**
- * **Member, CCD Aids, 1967-9**
- * **Member, Demosthenian's Speech Club, 1967-8, President, 1968**
- * **Member, Guitar Club, Fall 1968**
- * **1969 Valedictorian**
- * **July 1968 Early Entrance Loyola University**
- * **1965-1969 Notre Dame Academy Girls' High School LA CA**
- * **1967-69 Basketball Varsity, Notre Dame**
- * **Member, Student Council**
- * **Lettergirl, Baseball Class Teams, 1966-68**
- * **Member, DAYCC**
- * **Writer, School Newspaper La Reina, School Literary Magazine, Yearbook**
- * **Secretary, St. Mark's High School Sodality 1966-67**
- # **Volunteer for St. John's Hospital, Santa Monica, CA 1968-69**
- # **Member, Notre Dame Student Council, 1968-69**
- # **1956-1965 St. Mark's Catholic School, Venice, CA**
- 1960-1969 Played in numerous piano concerts for LA Music Teachers' Association**