

**C.V. (06/13)**

**James LaVita**

**EDUCATION**

PhD (Anthropology), University of Texas, Austin  
PhD (Applied Mathematics), New York University  
MA (Folklore) University of California, Berkeley  
MS (Mathematics), New York University  
BA (Mathematics), New York University

**I. ANTHROPOLOGY, FOLKLORE, DIGITAL MEDIA AND PERFORMING ARTS**

Primary Professional Experience

- Professor of Social Sciences, Division of Arts, Humanities and Social Sciences (present)
- Founding Artistic Co-Director, *3rd Law Dance/Theater*, Boulder, Colorado
- Founded and directed *NARODNO Ethnic Music and Dance Ensemble*, Denver
- Company member, *Westwind International Folk Ensemble*, San Francisco
- Founder and Artistic Director, *Austin Scandinavian Dancers and Performing Ensemble*, Austin, Texas
- Company member and Coach, *Boulder Scandinavian Dance Ensemble*, Colorado
- Company member *Odyssey Modern Dance Company*, Boulder, Colorado

Awards and Honors

Recipient of the 2009 Cutting Edge Award of The Colorado Dance Alliance  
University of Denver Burlington-Northern Teaching Award 1988

Academic/Instructional Experience at the University of Denver (selected recent):

- Co-created and taught *Embodied Cinema* (and co-taught *Digital Cinema*) (DMST)
- Created and taught *Expressive Culture and Performance*, (ANTH)
- Created and taught *The Anthropology of Performance*, (ANTH)
- Created and taught *World Dance, Culture and Performance* (THEA)
- Created and taught *Core 2459, Who Are 'The Folk'*, (CORE)
- Created and taught *Talkin', Movin', Playin': The Anthropology of Expressive Culture* (ANTH)
- Created and taught *The Anthropology of Computing*, (ANTH)
- Created and taught *Feasting Fasting and Food*, (ANTH)
- Created and taught *Folklore: Form and Content*, (ANTH)
- Created and taught *Computing and Society*, (DMST/COMP)
- Created and taught *Advanced Computing and Society*, (DMST)
- Created and taught *Advanced Critical Approaches to Digital Media Studies* (DMST)

Master's Advisees

- MA Advisor: Katie Aiken (completed Spring, 2008)

- MA Advisor: Kari Swann (completed Summer, 2006)
- MA Committee: Heather McClain (Fall 2013)
- MA Committee: Katy Grossman (Spring 2014)
- MA Committee: Kylie Johnson (completed Spring 2013)
- MA Committee: David Fodel (completed Spring 2010)
- MA Committee: Rachel Maxson (completed Winter 2010)
- MA Committee: Roy McFarland (completed Summer, 2005)
- MA Committee: Alison Quellet (completed Spring, 2005)

### Choreography/Artistic Direction/Performance on Stage

- Presented original commissioned work, curated by the Denver Center Theater Company through the OFFCenter@The Jones: Original work collaborating with ten Denver-area musical artists, photographer and electronic media artist. March 1, 2, 8, 9.
  - Co-conceived, produced, and directed the evening-length dance/theater, *Authentic Re-Production* presented at The Dairy Center for the Arts in Boulder, March 16, 17, 18 and at the Byron Theater of the Newman Center at the University of Denver, March 23, 24.
  - Co-conceived, produced, directed and created audio-visual projections for the evening-length dance/theater, *Bread & Salt* presented at the February 25, 26, 27, 2011 at The Dairy Center for the Arts in Boulder and March 11, 12 at the Lakewood Cultural Center
  - Co-conceived, produced, directed and created a commissioned work to collaborate with Denver Botanic Gardens honoring Henry Moore and the exhibition of his monumental bronze sculptures currently at the Gardens. The first collaborative event was a dance/theater performance ("*Art of the Open Air Brought Indoors*") at "Night at the Museums" (November 6, 2010) during Denver Arts Week.
  - Co-conceived, produced, directed and created audio-visual projections for the evening-length dance/theater, *In Pieces*, presented at the Dairy Cultural Center, April 9-11, 2010
  - Co-conceived, produced, directed and created audio-visual projections for the evening-length dance/theater, *The CleanRoom Restaged*, presented at the Lakewood Cultural Center, January 16-17, 2010
  - Co-conceived, produced, directed and created audio-visual projections for the evening-length dance/theater, *Till We Wake*, presented at The Dairy Center for the Arts May 7-8 2009
  - Co-conceived, directed, produced and assisted in choreographing the original evening-length dance/theater concert production, *The CleanRoom*, presented at the Dairy Center for the Arts in Boulder, April 25-2. May 2-3, 2008. Conceived and created audio-visual projections for the concert.
  - Created digital/multimedia work as part of the original dance/theater piece, Evidence, on six mature dancers (over 50 years old) for *Sweet Release*, a production of Nancy Cranbourne's "40 Women over 40" project. Five performances, November 9-17, 2007.
  - 2nd Global Warming Expo, sponsored by Paradigm Nouveau Enterprises at the Boulder Theater on April 3 as a means of reaching out to the community about significant social issues. Produced a choreographed dance/music/visual work on children from a number of high schools.
  - Co-conceived, directed, and produced the original evening-length dance/theater concert production, *Objects in Mirror Are Closer Than They Appear*, presented at the Dairy Center for the Arts in Boulder, October 5-7, 2007. Conceived and created audio-visual projections for the concert.
  - Co-conceived, directed, produced and assisted in choreographing the original evening-length dance/theater concert production, *Lost in Place*, presented at the Dairy Center for the Arts in Boulder, April 6-7, 13-14, 2007. Conceived and created audio-visual projections for the concert.
- Co-directed, produced and staged the collaborative work, *Joining Forces*, with a Denver-based dance company at the Shwayder Theater in Denver and The Dairy Center for the Arts in Boulder, Sept. 30-Oct 1

and Oct. 6-7, 2006

- Co-conceived, directed, produced and assisted in choreographing the original evening-length dance/theater concert production, *A Mannequin Dream*, presented at the Dairy Center for the Arts in Boulder, May 5-6, 12-13 2006. Conceived and created audio-visual projections for the concert
- Co-conceived, directed, produced and assisted in choreographing the original evening-length dance/theater concert production, *Iconoclashtic*, presented at the Dairy Center for the Arts in Boulder, April 29-30, May 6-7, 2005. Conceived and created audio-visual projections for the concert.
- Co-conceived, directed, produced and choreographed the original evening-length dance/theater concert production, *Bread and Salt*, presented at the Dairy Center for the Arts in Boulder, May 2004.
- Co-conceived and executed the video/multimedia component of the original evening-length dance/theater production, *Barometric Pressure*, presented at the Dairy Center for the Arts, October, 2003.

### Workshops

- Workshop/Residency (with collaborator): University of Nevada, Reno, October 2009, created works for Fall Concert
- Workshop/Residency (with collaborator): Perry-Mansfield Theater and Dance Camp, Steamboat Springs
- Workshop/Residency (with collaborator):: Colorado State University, May 2009, created concert work.
- Workshop/Residency (with collaborator):: Colorado State University, October 2008, created concert work.
- Denver Art Museum, Invited Lecture on “Degas: Bathers and Ballerinas” in series “The Conversation Lounge” during the Impressionist Exhibit, 2008.
- Conceived, produced,, presented and moderated the public lecture/educational series, *Lives Lived in Dance*, co-sponsored by the Dance Program at CU, Boulder. The series ran once a month for six months in the fall and spring of 2003-4.
- Built digital imagery for original artistic work, *Lost in Place*, on the Dance Touring Company at Colorado State University. (2007)
- Built digital imagery for original artistic work on Middle Tennessee State University, “Chairs” and “Evidence,” on the student ensemble. (2008)

### Major Workshops in Traditional Scandinavian Dance

- Dance Workshops, 1992, Austin, TX
- International Music and Dance Week, 1989, Port Townsend, WA
- Scandinavian Society, 1988, Omaha, NB
- Houston International Folk Dancers, 1988, Houston, TX
- Scandiafest 1987, Boulder, CO
- University of Kansas, 1987, Lawrence, KA
- Christmas Festival 1986, Folklore Village Farm, Madison, WI
- Texas Folklore Camp 1986,
- San Diego Folk Dance Conference 1986
- Scandinavian Club 1985, Albuquerque, NM
- Skandia South 1985, Anaheim, CA
- Scandiafest 1984, Boulder, CO
- Skandia South 1981, Los Angeles
- San Francisco State University 1981
- Folklanders Institute 1980, Tucson

- Khadre Institute 1980, San Francisco
- Shrovetide Festival 1979, University of Oregon

#### Public Sector Dance and Music Experience

- Creator, producer and on-stage moderator, *Lives Lived in Dance*, a film/interview series, Boulder Public Library, 2009-10, and the University of Colorado, Boulder, 2007-8
- Program Host (disk jockey), *Caravan* and *Musica Mundi*, traditional music programs, KGNU Community Radio, Boulder, CO
- Panelist, Folk Arts Program of the Colorado Council on the Arts and Humanities
- Past Member, Board of the Music Association of Swallow Hill
- Past Member, Advisory Board for the Folk Arts Program of the Colorado Council on the Arts and Humanities
- Board of Directors, Khadre International Folk Ensemble San Francisco
- Board of Directors, Westwind International Folk Ensemble, San Francisco,

#### Grants

- Scientific and Cultural Facilities District (Colorado) (current)
- The Denver Ballet Guild (current)
- The Denver Foundation (current)
- Community Foundation of Boulder County (current)
- Norwegian Marshall Fund, to work and study at the Archive of Folk Music and Folk Dance, in Trondheim, Norway

#### Field Experience

- Six summers collecting and recording traditional dance in Norway and Sweden, fieldwork towards doctoral dissertation in anthropology
- Two years fieldwork with traditional dance groups in Colorado and California, fieldwork towards MA in Folklore and doctoral dissertation in anthropology.

#### Professional Societies

American Anthropological Association  
 American Folklore Society  
 Congress on Research in Dance  
 International Council on Traditional Music  
 Society for Ethnomusicology  
 Society of Dance History Scholars

## **II. COMPUTING AND THE MATHEMATICAL SCIENCES**

#### Primary Professional Experience

- Professor of Computer Science, Department of Computer Science, (2002-2004)

- Professor of Mathematics and Computer Science, Department of Mathematics and Computer Science (1984-2002)
- Chair, Department of Mathematics and Computer Science (1989-98)

Major Grants:

FIPSE (Introductory-Level Mathematical Sciences Curriculum for the Non-Science Student), 1992-5  
\$200,000 (with W. Dorn)

University:

Chair, University Information Technology Steering Committee 1990-5

Honors:

Burlington Northern University of Denver Distinguished Teaching Award 1986

Chairman, Rocky Mountain Mathematics Consortium 1994-5

Member, Governmental Affairs Board, Computing Research Association

Phi Beta Kappa

Publications: (see attached)

Other Professional Experience

- Visiting Scholar, University of Texas, Austin, 1994-5
- Visiting Scholar, University of Texas, Austin, 1987-8
- Visiting Faculty and Research Associate, Center for Computer Research in the Humanities, University of Colorado, Boulder, 1986
- Research Associate, Dept. of Scandinavian, University of California, Berkeley, 1985-6
- Faculty Participation Fellowship, Lawrence Berkeley Laboratory, Jan.-Feb., 1985
- Visiting Scientist, University of California, Berkeley, Center for Pure and Applied Mathematics, 1982-83
- Lawrence Berkeley Laboratory, Visiting Scientist (1981-83)
- Visiting Professor, University of California, Berkeley, 1980

Program Development

- Developed Foundational Core in Mathematics and Computer Science (with Scott Leutenegger)
- Developed the Bachelor of Arts in Applied Computing degree program for the Department of Computer Science
- Worked with The Women's College to port BA in Applied Computing to their program

**PUBLICATIONS**

Computer Science and Mathematics: Books/Class Notes

- Scattering Theory in Mathematical Physics, eds. J. A. LaVita & J.P. Marchand, Proceedings of

the NATO Advanced Study Institute, Denver, Colorado, 1973; D. Reidel, Dordrecht, Holland (1974)

- Analytical Inquiry, with William S. Dorn, manuscript class text
- Analytical Inquiry, ver. 2 with Scott Leutenegger, manuscript class text
- Computing Science and Social Science, self-published class reader, prospectus submitted, Wesleyan University Press, 2000

#### Computation, Numerics, and Mathematics: Papers

- "A Necessary and Sufficient Condition for Riemann Integration", Amer. Math. Monthly, 71, (1964), 192
- "Perturbation of the Poles of the Scattering Matrix", University Microfilms, Ann Arbor, (1967)
- "The Inverse Decay Problem", with L. Horwitz & J.P. Marchard, J. of Math. Phys. 12, (1971), 2
- "The Scattering Theory of Lax and Phillips and Wave Propagation Problems of Classical Physics", with J. Schulenberger & C. Wilcox, Applicable Analysis, 3, (1973), 57-77
- "Coerciveness Inequalities for Non-Elliptic Systems", with B. Wendroff, J. of Differential Equations, 18, (July, 1975)
- "On the Nullspaces of a Partially Elliptic Operator of a Certain Type", with H. Walker. J. of Math. Anal. & Appl., Vol. 55, No. 2, (August, 1976)
- "Error Growth in Using the Random Choice Method for the Inviscid Burgers Equation", SIAM, 9, 4, (November, 1980)
- "Some Remarks on the Comparison of Methods for Computing Discontinuous Solutions of Conservation Laws", Proceedings of the 4th International Symposium on Computer Methods for Partial Differential Equations, Lehigh University, Bethlehem, Pennsylvania, (1981)
- "Simulation of a Simple Reacting Gas Flow with an Upwind Scheme" Mathematics and Computers in Simulation, 1985
- "A Random Choice Algorithm for the Buckley-Leverett Equation Using an Approximate Remain Solver", with Joel Cohen, SIAM Journal on Scientific and Statistical Computing, 7:4, 1986.

#### Computation, Numerics, and Mathematics: Proceedings/Reports

- "Perturbation of the Poles of the Scattering Matrix", DRI Report MS-R-6903, (1969)
- "Time-Dependent, Non-Pareitian Policy Dictated Moves", DRI Report MS-R-7605, (1975)
- "Error Growth in Using Random Choice Methods for Solving Burgers' Equation  $u_t + uu_x = 0$ ", Lawrence Berkeley Laboratory publication #LBL Report 9921, (1979)
- "The Applicability of Difference Schemes to the Calculation of Reacting Gas Flows", Lawrence Berkeley Lab Publication #LBL 13989, and as a report to the Center for Pure and Applied Mathematics, University of California, Berkeley.
- "An Upwind Calculation for Reacting Gas Flow with Finite Reaction Time", report to the Center for Pure and Applied Mathematics, University of California, Berkeley, November, 1982
- "A Random Choice Algorithm for the Buckley-Leverett Equation Using an Approximate Riemann Solver", with Joel Cohen, Preprint, Department of Mathematics and Computer Science, University of Denver, 1984.

#### Anthropology, Folklore and Computing: Papers

- "Elements of an Analysis of Western Square Dancing," *International Folklore Review* (London), 1983
- "Allemande Left with Your Left Hand: Structure and Meaning in Modern Western Square

- Dance", MA thesis, Department of Anthropology, University of California Berkeley, 1983
- "An Experimental Computer Archiving Scheme with Applications to Folk Narrative Research", with John Lindow, Motif: international newsletter of research in folklore & literature, 8, June, 1989
  - "Software Tools and the Folklore Archive: A Different Perspective", with John Lindow, Computers and the Humanities, 20:2, 1986.
  - "Towards an Understanding of the Latent Content of Square Dance Costume", C.O.R.D. Dance Annual XVI, 1987.
  - Theorizing Dance Practice: Towards an Ethnography of Movement, diss. University of Texas, Austin, 1998